

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU060006.D
 Acq On : 17 Jul 2024 20:05
 Operator : MD/SY
 Sample : P3260-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 18 02:51:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 02:31:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	220874	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	222088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114317	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54292	38.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.560%
7) Chloroethane-d5	1.904	69	48557	40.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.420%
11) 1,1-Dichloroethene-d2	2.560	63	100275	39.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.600%
21) 2-Butanone-d5	4.615	46	108122	109.706	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.710%
24) Chloroform-d	5.055	84	126808	46.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
26) 1,2-Dichloroethane-d4	5.692	65	76696	46.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.940%
32) Benzene-d6	5.721	84	241399	42.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
36) 1,2-Dichloropropane-d6	6.682	67	80324	45.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	7.894	98	222998	41.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.460%
43) trans-1,3-Dichloroprop...	8.174	79	34439	41.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
47) 2-Hexanone-d5	8.627	63	73480	99.058	ug/L	-0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	139914	51.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.580%
66) 1,2-Dichlorobenzene-d4	12.187	152	90471	43.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.140%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	64566	47.069	ug/L	98
3) Chloromethane	1.518	50	72659	53.978	ug/L	99
5) Vinyl chloride	1.602	62	83235	52.674	ug/L	99
6) Bromomethane	1.843	94	52777	63.585	ug/L	98
8) Chloroethane	1.923	64	54402	52.882	ug/L	96
9) Trichlorofluoromethane	2.129	101	108915	49.508	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	69154	49.383	ug/L	99
12) 1,1-Dichloroethene	2.573	96	64493	49.245	ug/L	84
13) Acetone	2.621	43	73216	72.143	ug/L	97
14) Carbon disulfide	2.785	76	153563	46.458	ug/L	97
15) Methyl Acetate	2.939	43	68877	45.015	ug/L	99
16) Methylene chloride	3.036	84	82026	49.669	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	66098	49.024	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	214237	48.923	ug/L	98
19) 1,1-Dichloroethane	3.859	63	132815	51.938	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	80795	49.488	ug/L	99
22) 2-Butanone	4.695	43	112538	90.129	ug/L	95
23) Bromochloromethane	4.965	128	44528	51.708	ug/L	96
25) Chloroform	5.078	83	145220	52.774	ug/L	100

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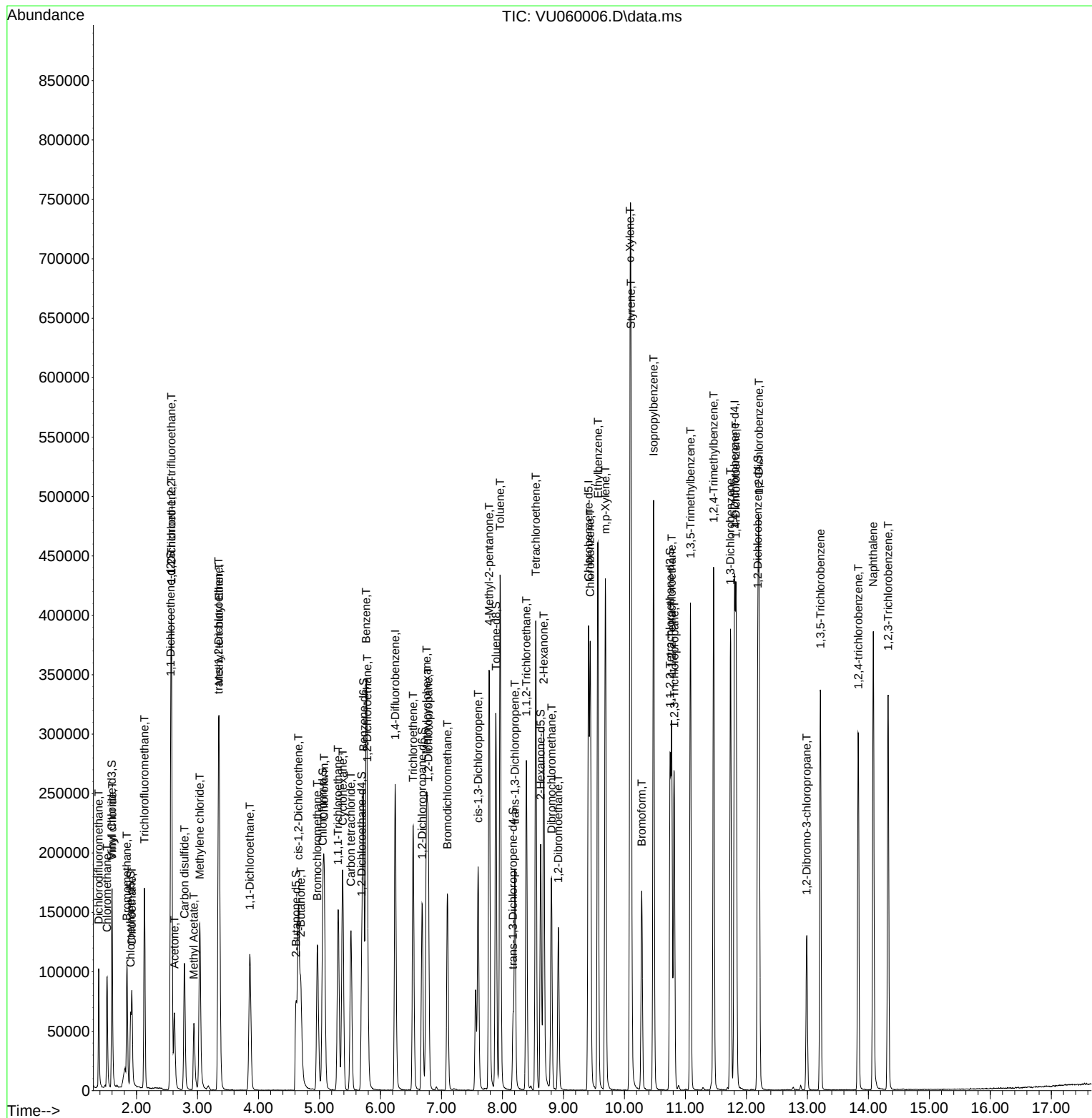
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	109344	52.343	ug/L	99
29) Cyclohexane	5.380	56	87701	44.102	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	113060	49.140	ug/L	99
31) Carbon tetrachloride	5.515	117	94384	49.663	ug/L	99
33) Benzene	5.766	78	304296	50.739	ug/L	100
34) Trichloroethene	6.534	95	77969	48.718	ug/L	99
35) Methylcyclohexane	6.756	83	94760	42.872	ug/L	100
37) 1,2-Dichloropropane	6.785	63	83514	50.592	ug/L	98
38) Bromodichloromethane	7.097	83	112088	53.589	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	118845	47.056	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	210762	101.018	ug/L	97
42) Toluene	7.962	91	329312	50.298	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	112151	48.342	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	89577	51.815	ug/L	99
46) Tetrachloroethene	8.547	164	91741	69.681	ug/L	98
48) 2-Hexanone	8.676	43	175169	100.318	ug/L	97
49) Dibromochloromethane	8.804	129	94416	55.429	ug/L	97
50) 1,2-Dibromoethane	8.917	107	92045	50.923	ug/L	97
51) Chlorobenzene	9.441	112	209129	48.114	ug/L	99
52) Ethylbenzene	9.566	91	327557	46.850	ug/L	99
53) m,p-Xylene	9.688	106	130137	47.804	ug/L	99
54) o-Xylene	10.094	106	147621	56.391	ug/L	100
55) Styrene	10.110	104	224666	50.871	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	155779	53.433	ug/L	99
59) Bromoform	10.283	173	78422	56.735	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	116177	53.548	ug/L	99
61) Isopropylbenzene	10.479	105	327568	49.157	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	225528	46.231	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	244154	46.726	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	169447	49.031	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	172488	48.281	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	172890	49.522	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	32619	54.976	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	112982	45.344	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	99632	44.364	ug/L	99
71) Naphthalene	14.080	128	323296	49.815	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	111367	49.426	ug/L	99

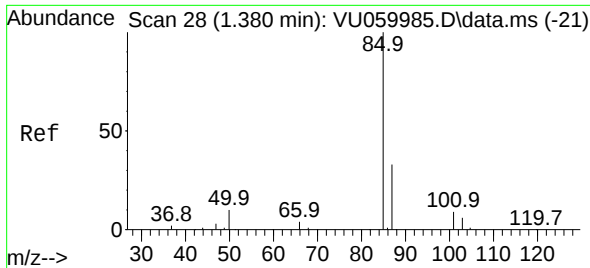
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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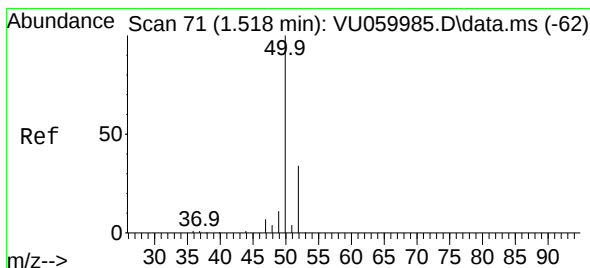
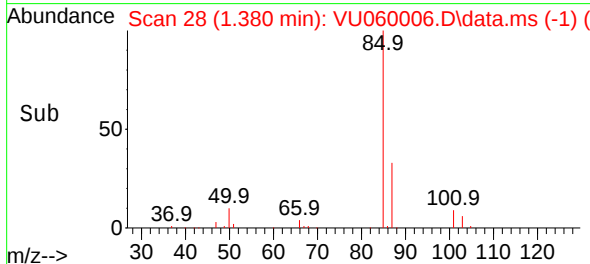
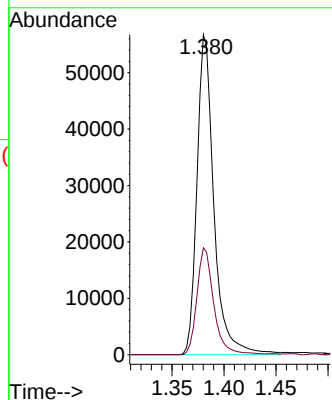
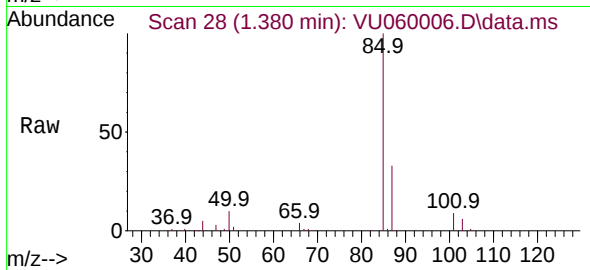




#2
 Dichlorodifluoromethane
 Concen: 47.069 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU060006.D
 Acq: 17 Jul 2024 20:05

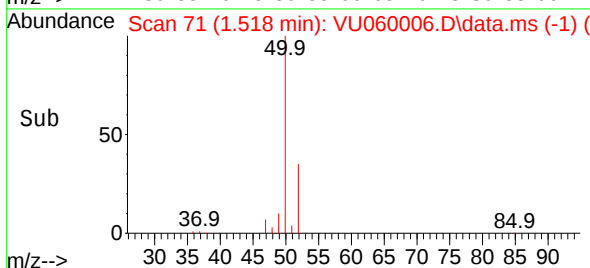
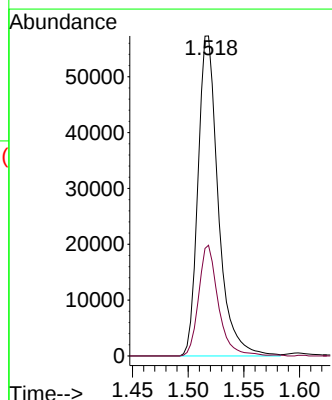
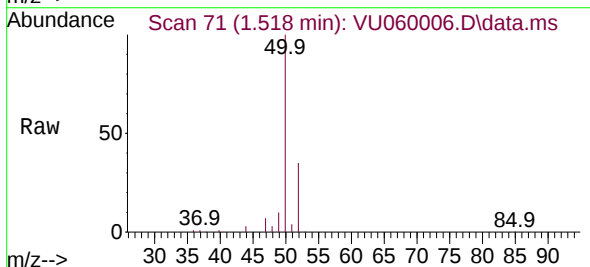
Instrument :
 MSVOA_U
 ClientSampleId :

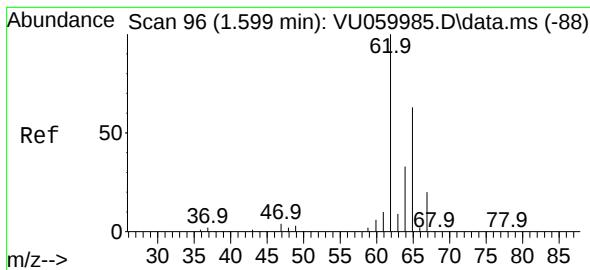
Tgt Ion: 85 Resp: 64566
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.4 38.2



#3
 Chloromethane
 Concen: 53.978 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060006.D
 Acq: 17 Jul 2024 20:05

Tgt Ion: 50 Resp: 72659
 Ion Ratio Lower Upper
 50 100
 52 34.6 24.5 45.5





#5

Vinyl chloride

Concen: 52.674 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

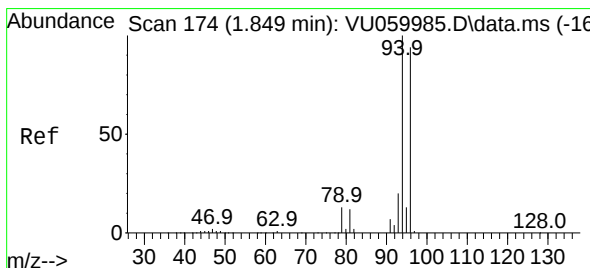
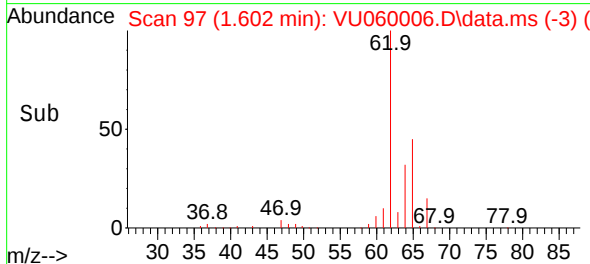
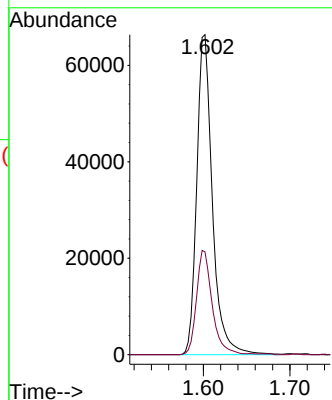
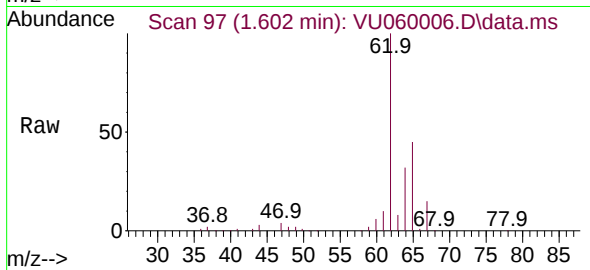
ClientSampleId :

Tgt Ion: 62 Resp: 83235

Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5



#6

Bromomethane

Concen: 63.585 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.006 min

Lab File: VU060006.D

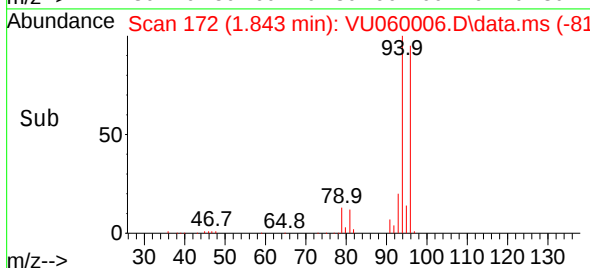
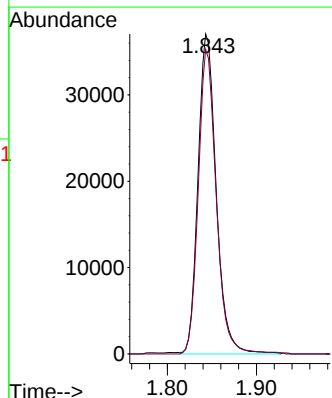
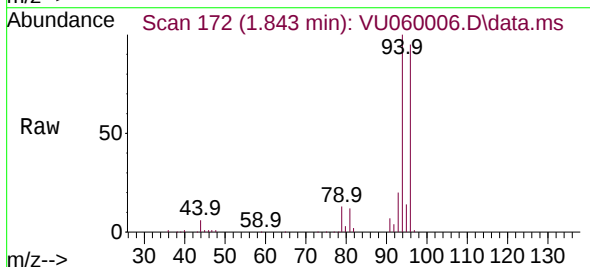
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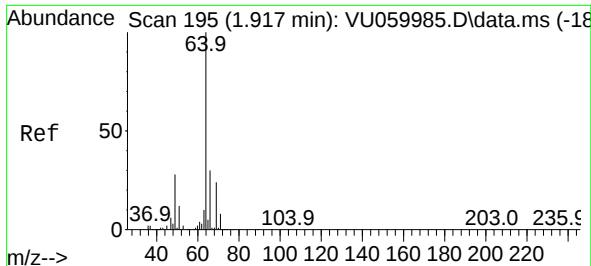
Tgt Ion: 94 Resp: 52777

Ion Ratio Lower Upper

94 100

96 95.2 65.2 121.2

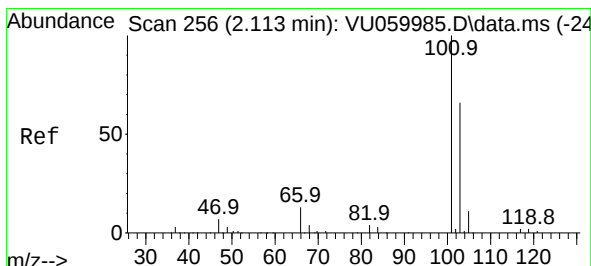
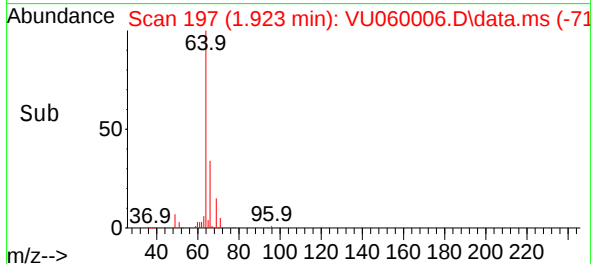
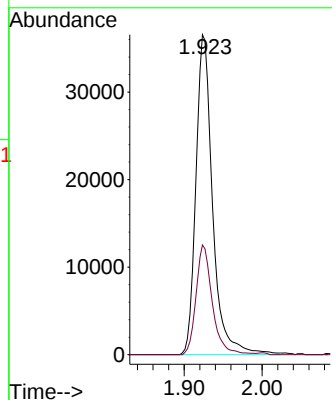
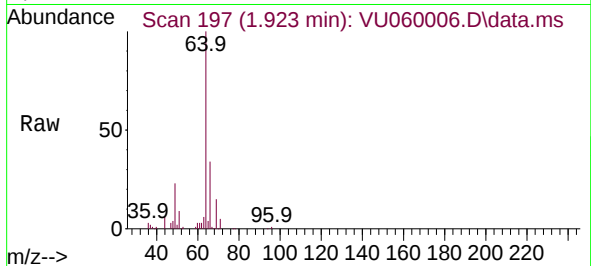




#8
Chloroethane
Concen: 52.882 ug/L
RT: 1.923 min Scan# 10
Delta R.T. 0.006 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

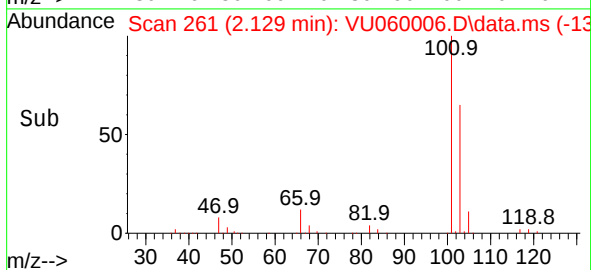
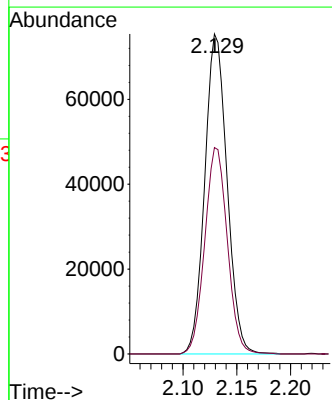
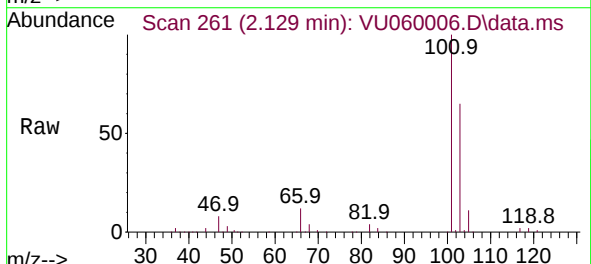
Instrument :
MSVOA_U
ClientSampleId :

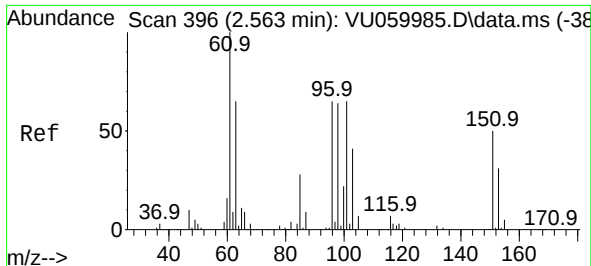
Tgt Ion: 64 Resp: 54402
Ion Ratio Lower Upper
64 100
66 34.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.508 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.016 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:101 Resp: 108915
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.383 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.010 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

ClientSampleId :

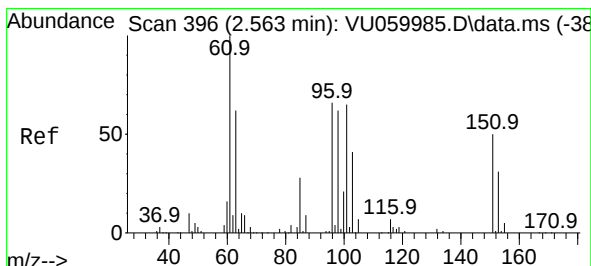
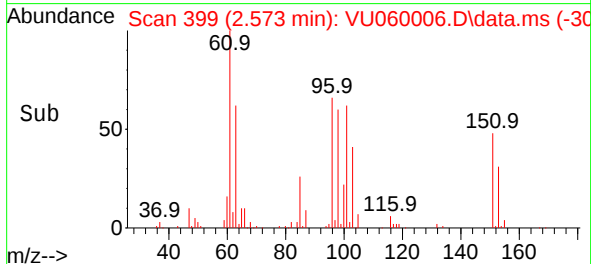
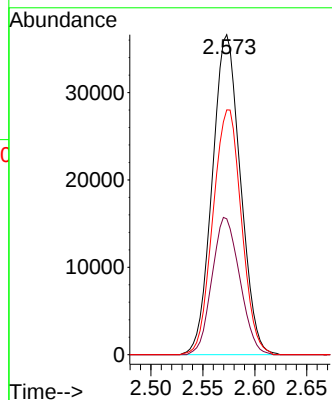
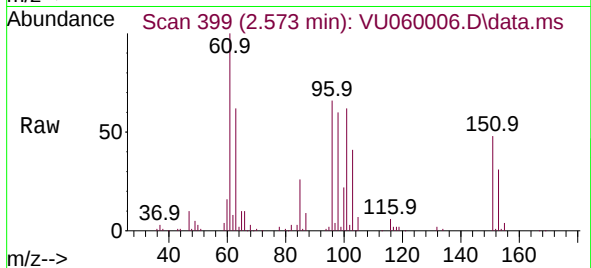
Tgt Ion:101 Resp: 69154

Ion Ratio Lower Upper

101 100

85 42.2 34.8 52.2

151 77.5 62.3 93.5



#12

1,1-Dichloroethene

Concen: 49.245 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.010 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

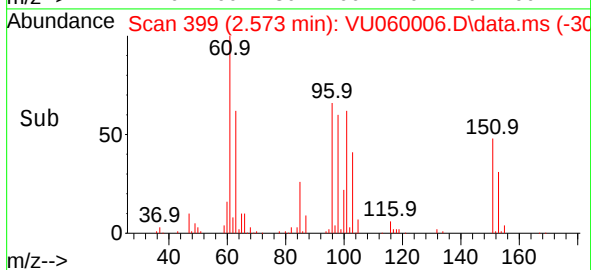
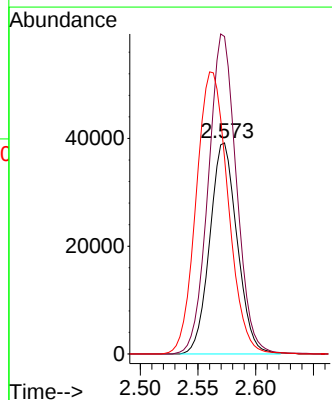
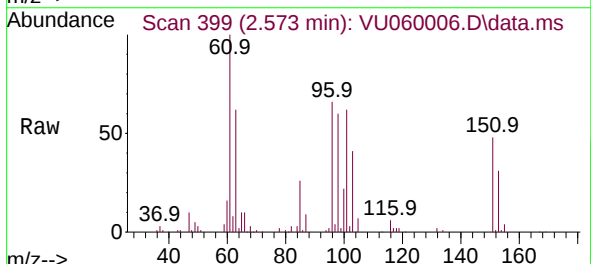
Tgt Ion: 96 Resp: 64493

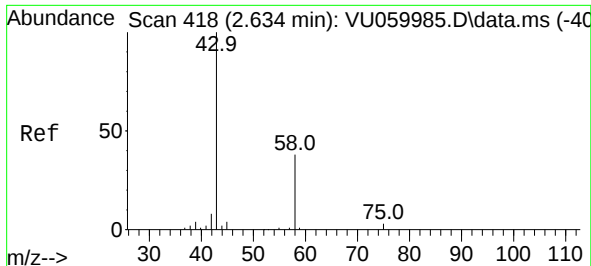
Ion Ratio Lower Upper

96 100

61 150.5 112.2 208.4

63 93.1 87.4 162.2





#13

Acetone

Concen: 72.143 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU060006.D

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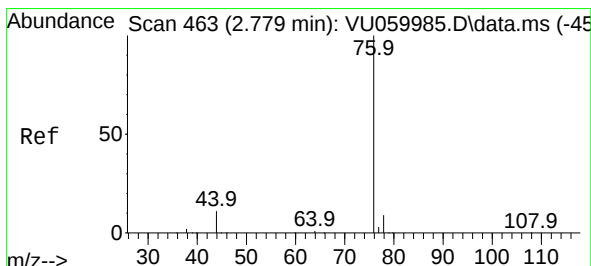
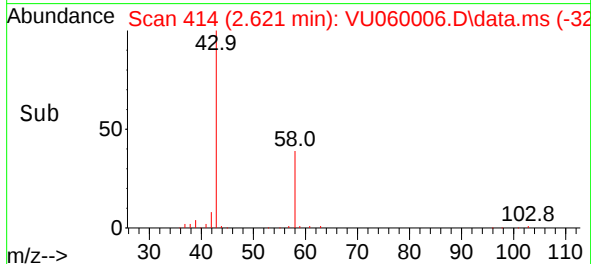
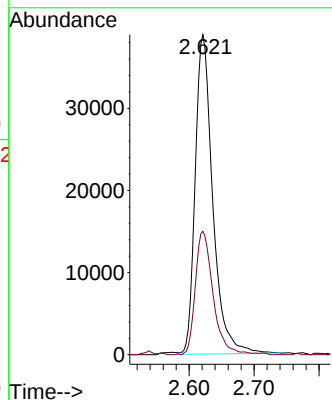
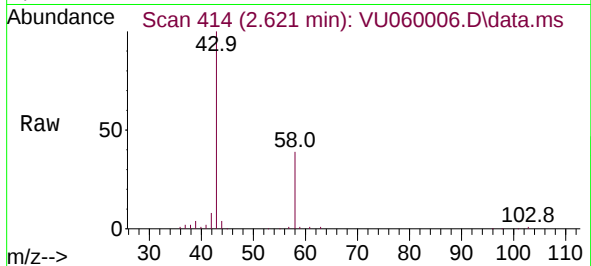
ClientSampleId :

Tgt Ion: 43 Resp: 73216

Ion Ratio Lower Upper

43 100

58 38.6 0.0 73.8



#14

Carbon disulfide

Concen: 46.458 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.006 min

Lab File: VU060006.D

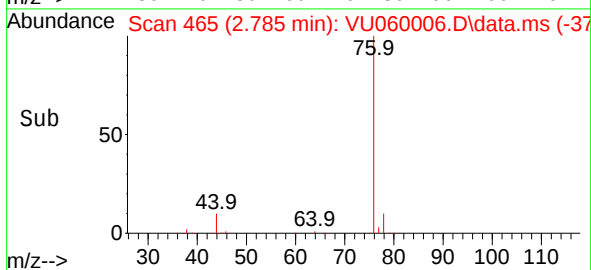
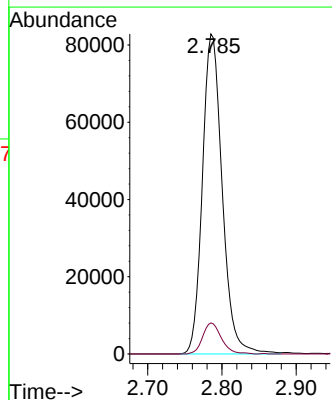
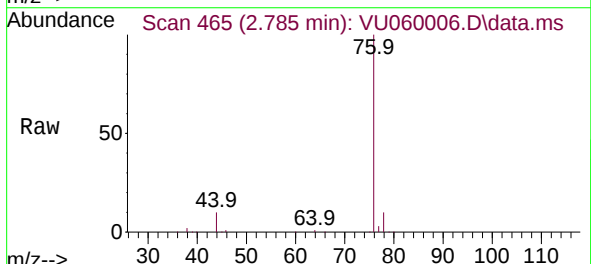
Acq: 17 Jul 2024 20:05

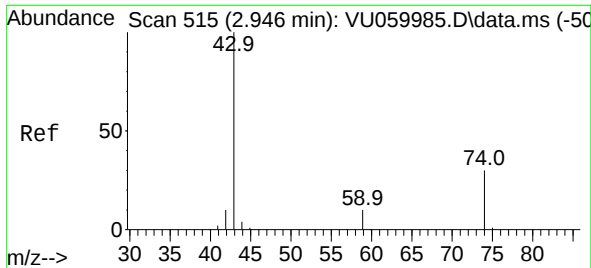
Tgt Ion: 76 Resp: 153563

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4





#15

Methyl Acetate

Concen: 45.015 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

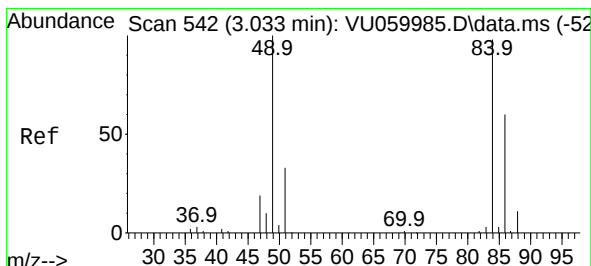
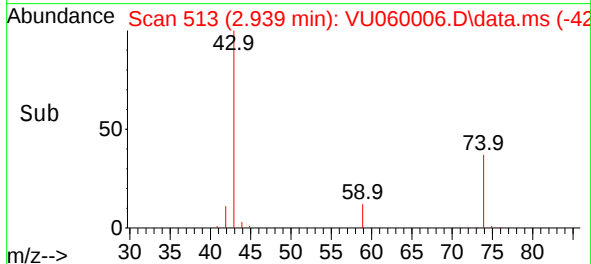
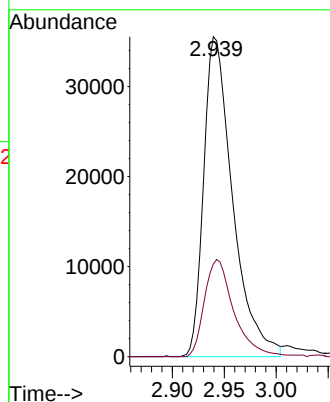
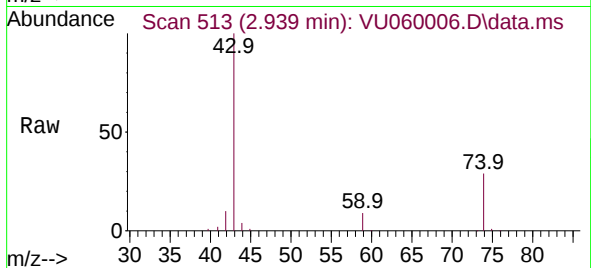
ClientSampleId :

Tgt Ion: 43 Resp: 68877

Ion Ratio Lower Upper

43 100

74 30.7 24.1 36.1



#16

Methylene chloride

Concen: 49.669 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

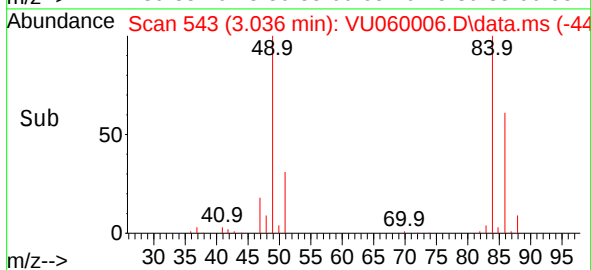
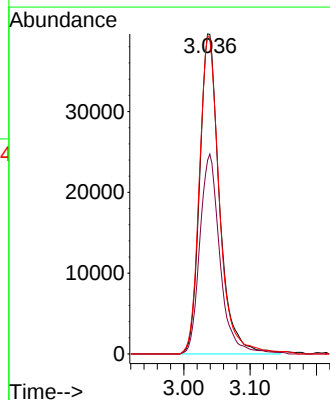
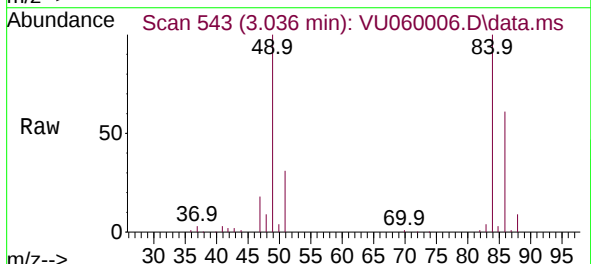
Tgt Ion: 84 Resp: 82026

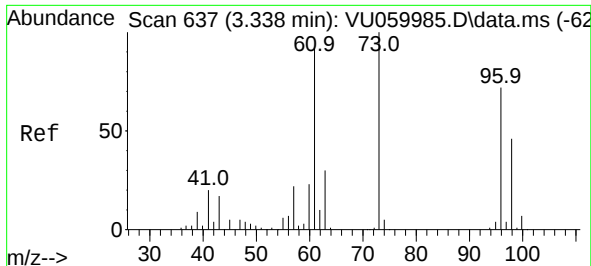
Ion Ratio Lower Upper

84 100

86 60.5 44.7 83.1

49 99.6 71.6 133.0





#17

trans-1,2-Dichloroethene

Concen: 49.024 ug/L

RT: 3.345 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

ClientSampleId :

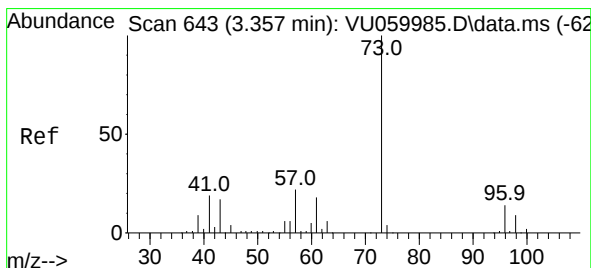
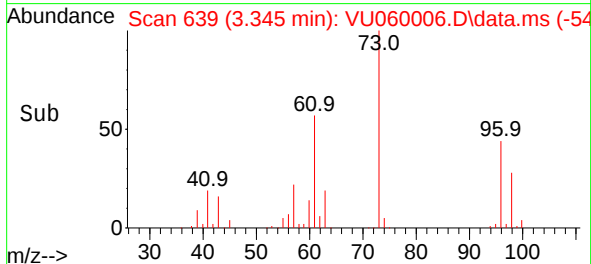
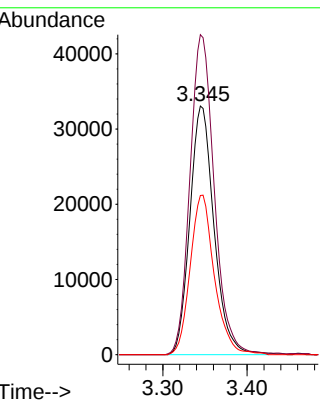
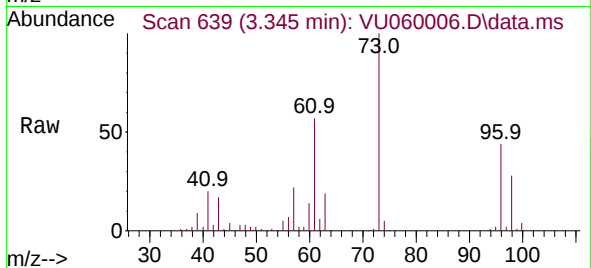
Tgt Ion: 96 Resp: 66098

Ion Ratio Lower Upper

96 100

61 128.7 90.6 168.3

98 64.0 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 48.923 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.003 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

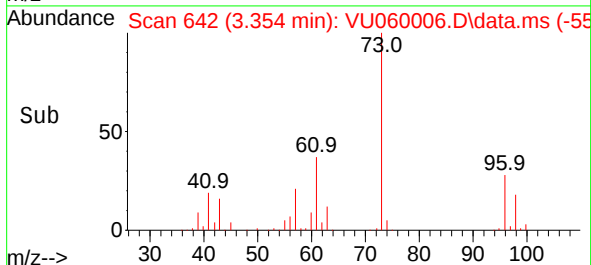
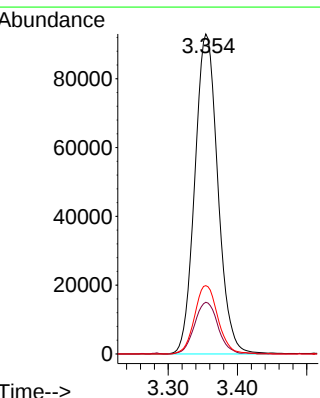
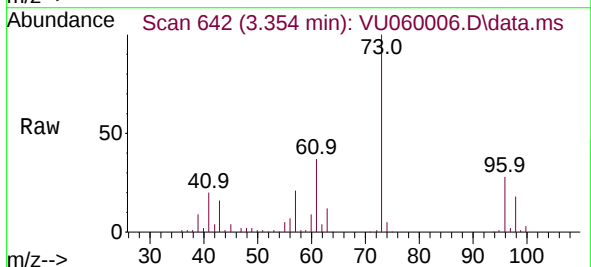
Tgt Ion: 73 Resp: 214237

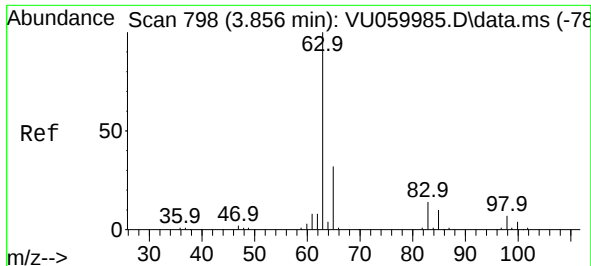
Ion Ratio Lower Upper

73 100

43 16.5 14.1 21.1

57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 51.938 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

ClientSampleId :

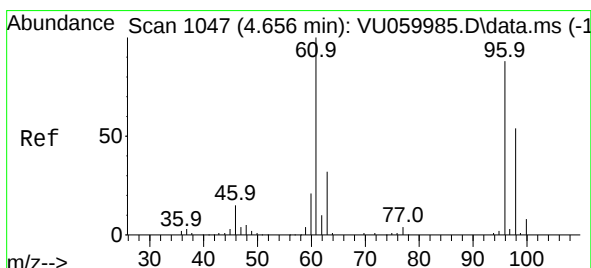
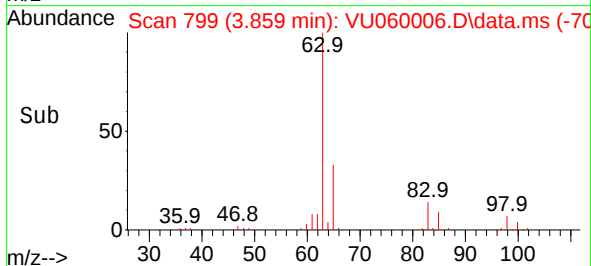
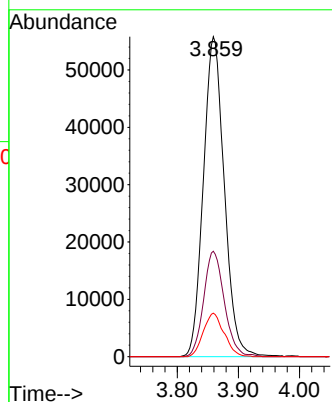
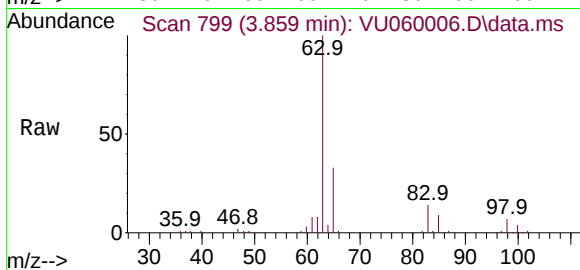
Tgt Ion: 63 Resp: 132815

Ion Ratio Lower Upper

63 100

65 32.9 23.3 43.3

83 13.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.488 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

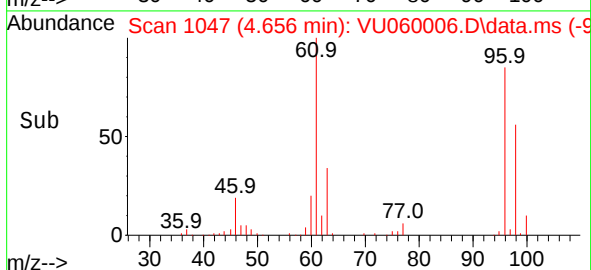
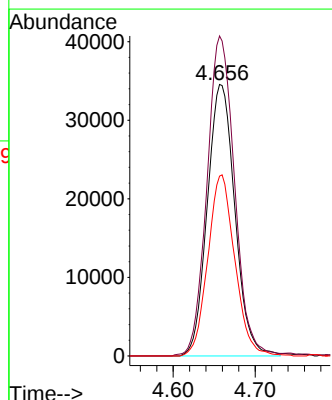
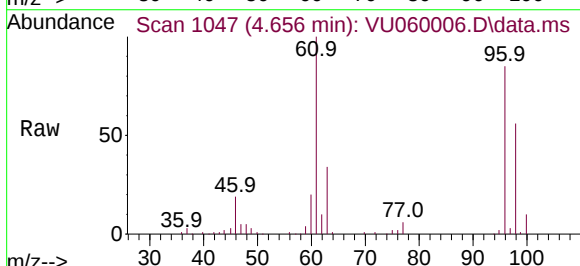
Tgt Ion: 96 Resp: 80795

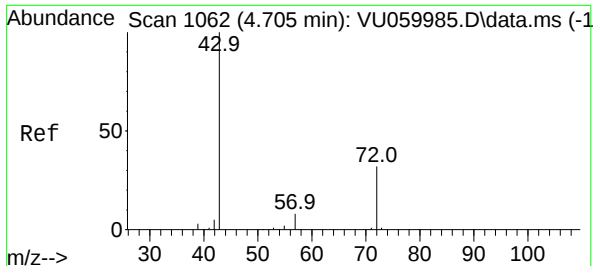
Ion Ratio Lower Upper

96 100

61 117.9 83.2 154.4

98 66.3 45.9 85.3

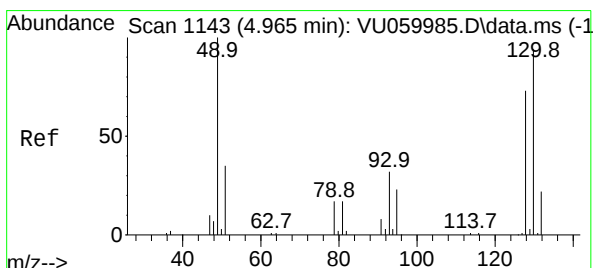
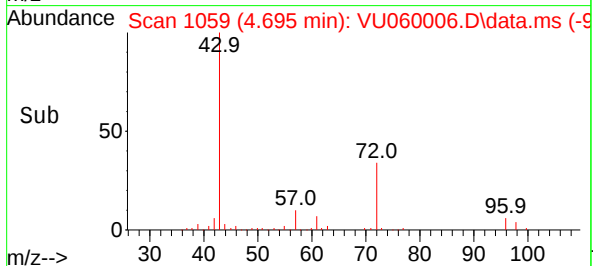
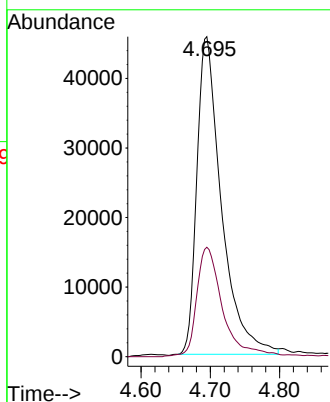
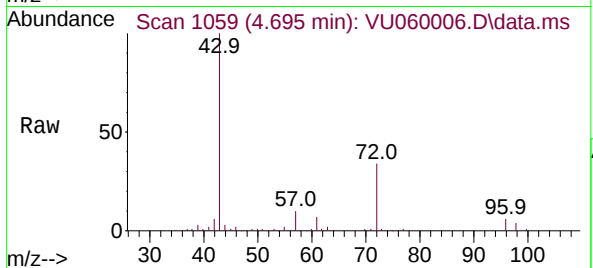




#22
2-Butanone
Concen: 90.129 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.010 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

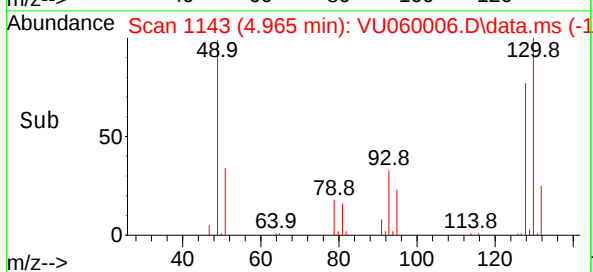
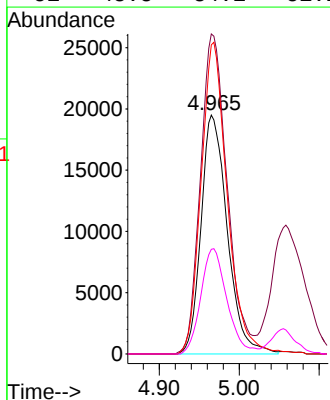
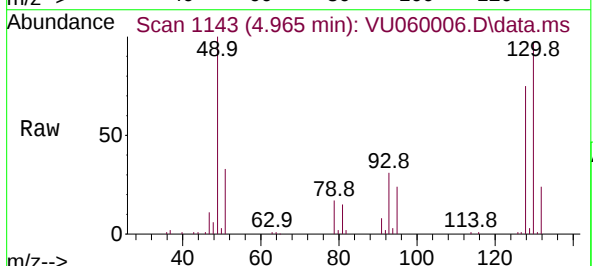
Instrument :
MSVOA_U
ClientSampleId :

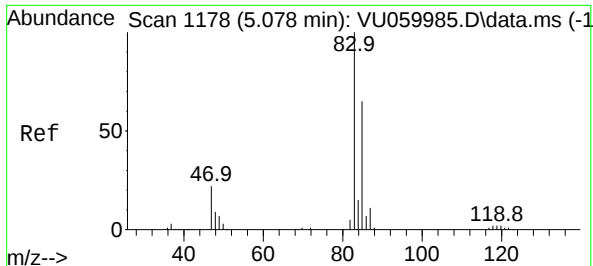
Tgt Ion: 43 Resp: 112538
Ion Ratio Lower Upper
43 100
72 35.8 16.4 49.2



#23
Bromochloromethane
Concen: 51.708 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:128 Resp: 44528
Ion Ratio Lower Upper
128 100
49 134.0 96.7 179.7
130 129.4 86.3 160.3
51 43.8 34.1 51.1





#25

Chloroform

Concen: 52.774 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

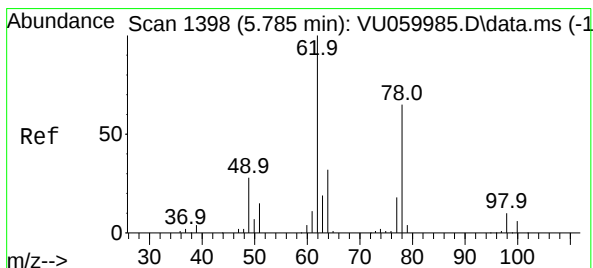
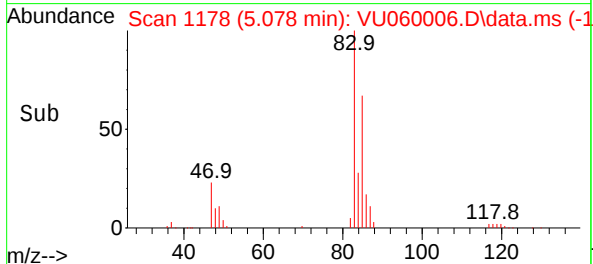
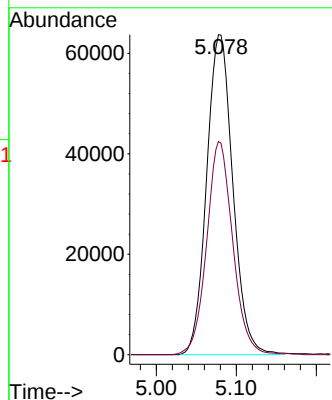
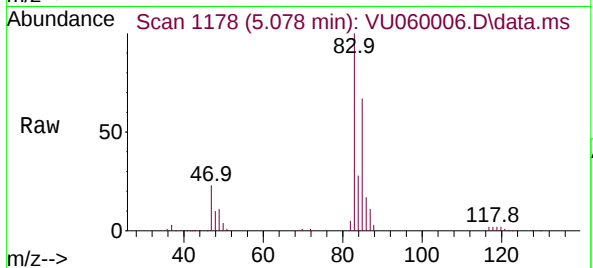
ClientSampleId :

Tgt Ion: 83 Resp: 145220

Ion Ratio Lower Upper

83 100

85 66.6 46.7 86.7



#27

1,2-Dichloroethane

Concen: 52.343 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU060006.D

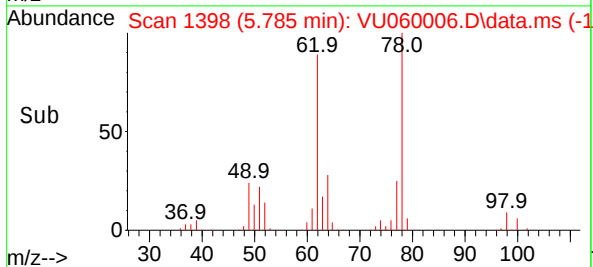
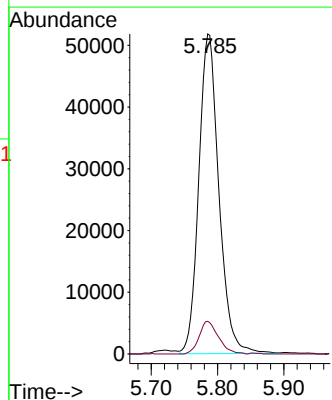
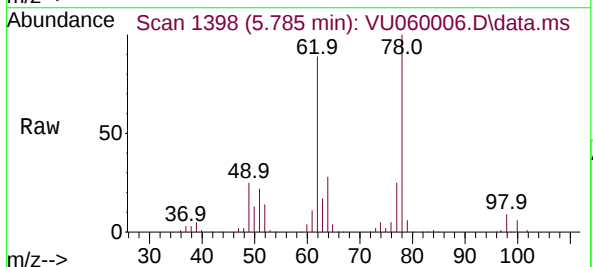
Acq: 17 Jul 2024 20:05

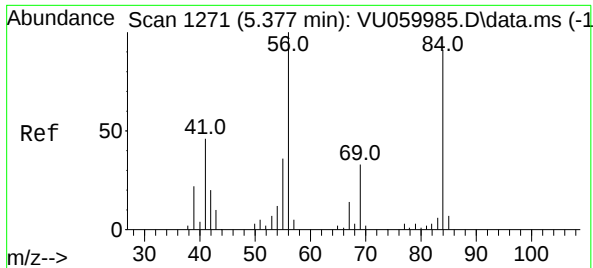
Tgt Ion: 62 Resp: 109344

Ion Ratio Lower Upper

62 100

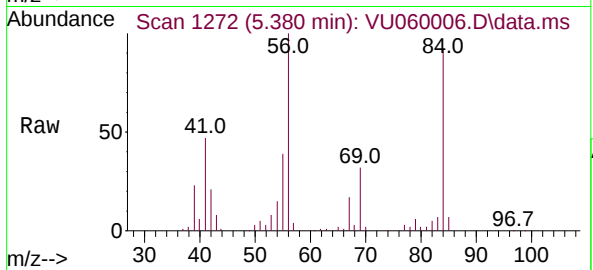
98 10.2 7.8 11.8



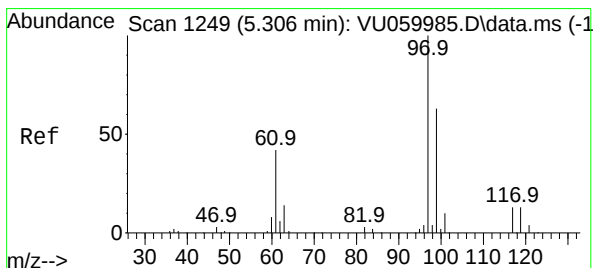
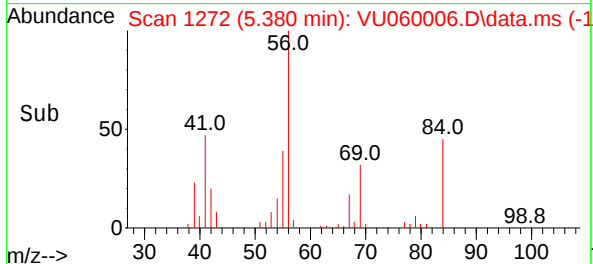
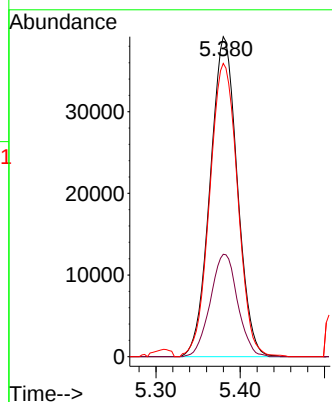


#29
Cyclohexane
Concen: 44.102 ug/L
RT: 5.380 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Instrument :
MSVOA_U
ClientSampleId :

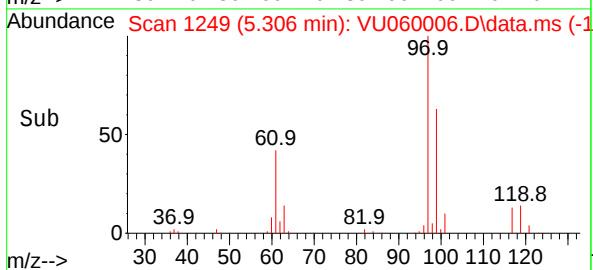
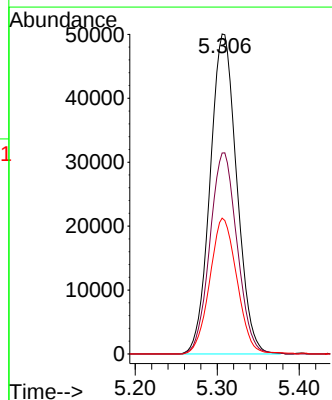
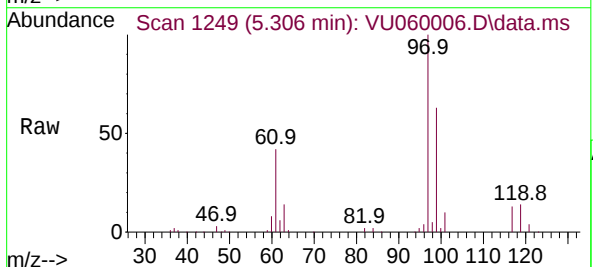


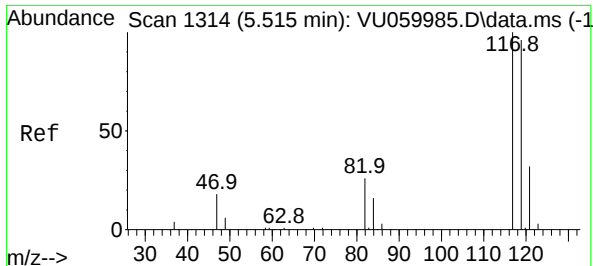
Tgt Ion:	56	Resp:	87701
Ion Ratio	Lower	Upper	
56	100		
69	32.1	26.0	39.0
84	94.1	75.5	113.3



#30
1,1,1-Trichloroethane
Concen: 49.140 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:	97	Resp:	113060
Ion Ratio	Lower	Upper	
97	100		
99	64.4	52.2	78.2
61	43.1	35.2	52.8

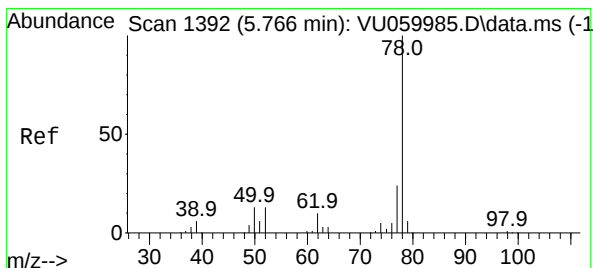
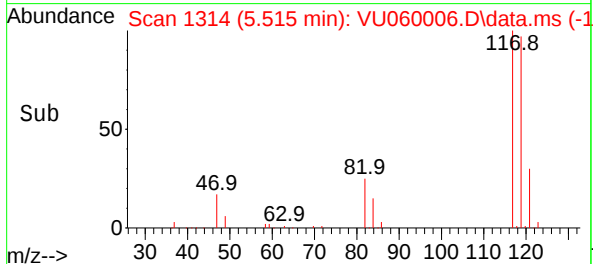
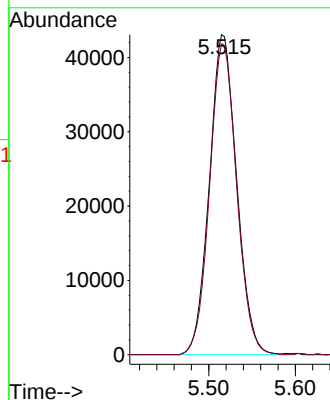
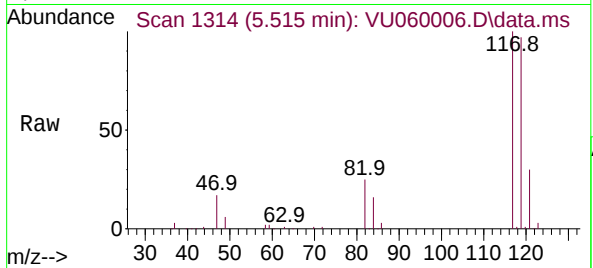




#31
Carbon tetrachloride
Concen: 49.663 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

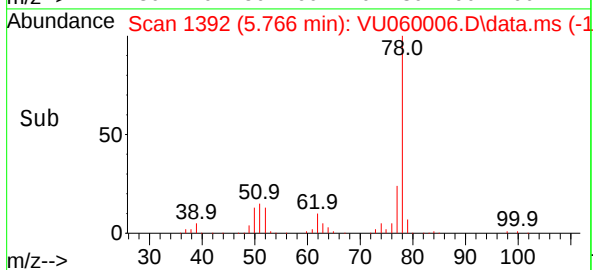
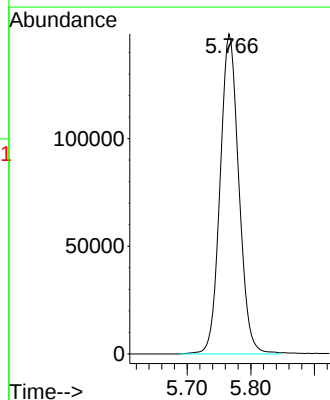
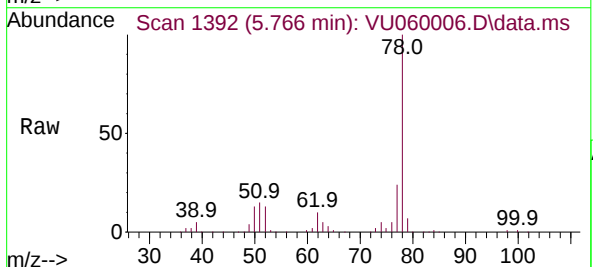
Instrument :
MSVOA_U
ClientSampleId :

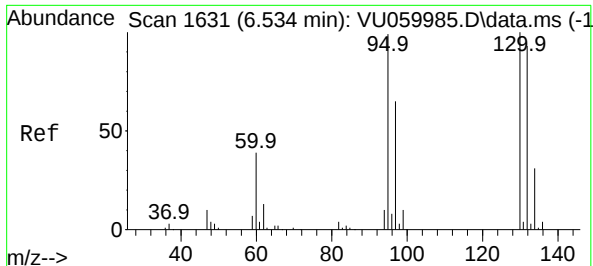
Tgt Ion:117 Resp: 94384
Ion Ratio Lower Upper
117 100
119 96.1 77.6 116.4



#33
Benzene
Concen: 50.739 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

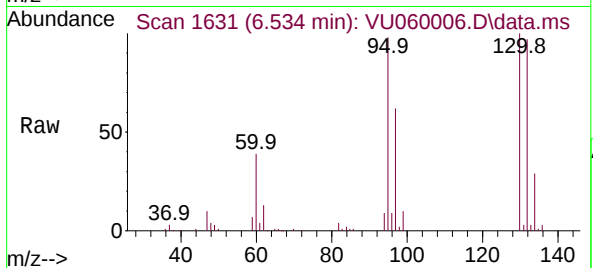
Tgt Ion: 78 Resp: 304296



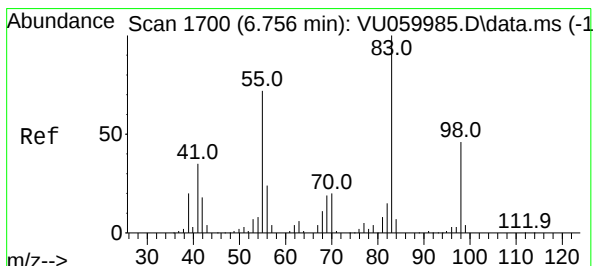
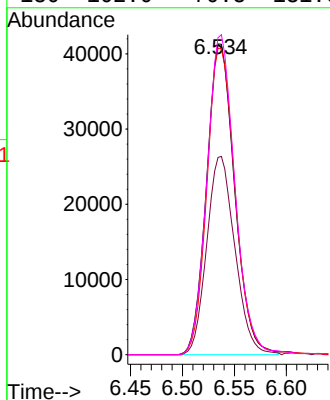
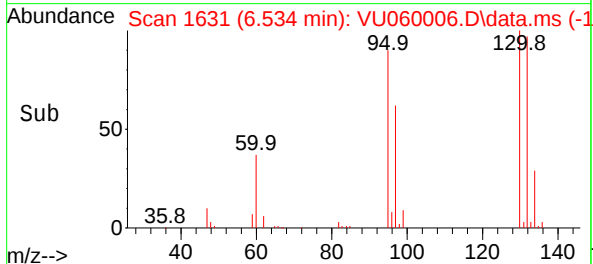


#34
Trichloroethene
Concen: 48.718 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

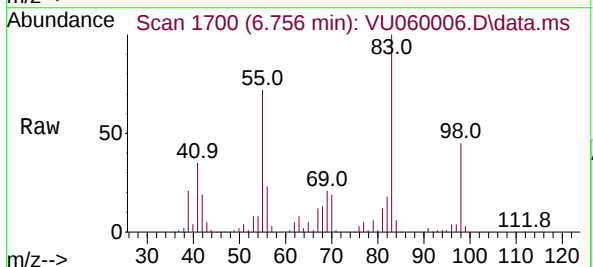
Instrument :
MSVOA_U
ClientSampleId :



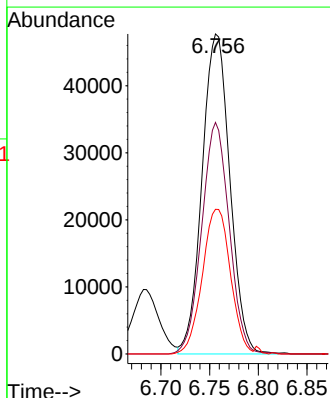
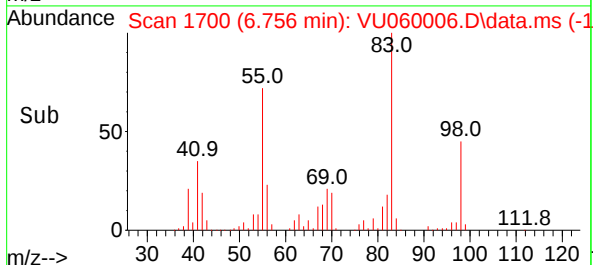
Tgt Ion: 95 Resp: 77969
Ion Ratio Lower Upper
95 100
97 63.5 45.8 85.2
132 98.6 69.8 129.6
130 102.0 70.8 131.6

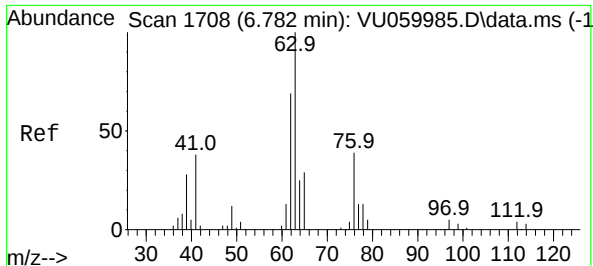


#35
Methylcyclohexane
Concen: 42.872 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05



Tgt Ion: 83 Resp: 94760
Ion Ratio Lower Upper
83 100
55 71.3 56.8 85.2
98 45.7 36.5 54.7

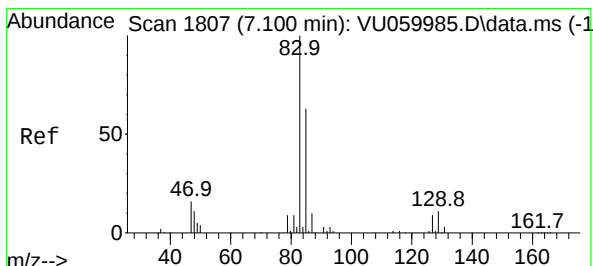
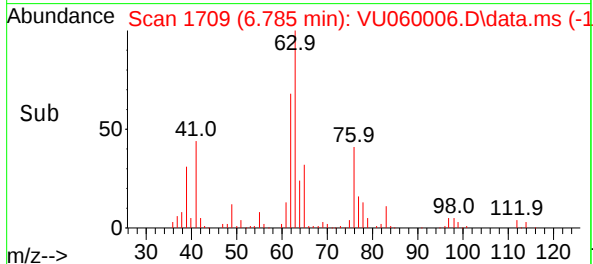
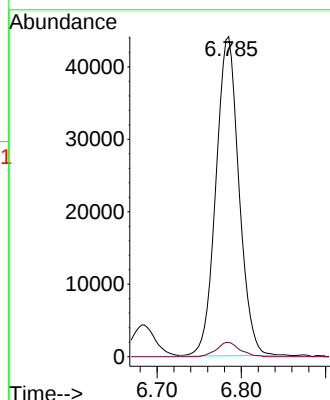
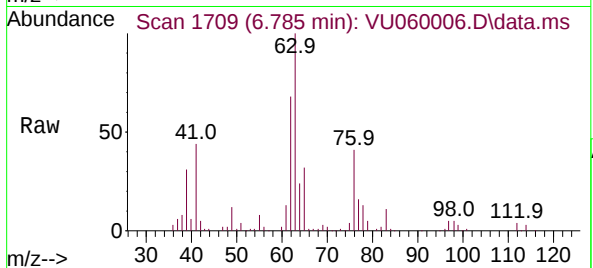




#37
1,2-Dichloropropane
Concen: 50.592 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

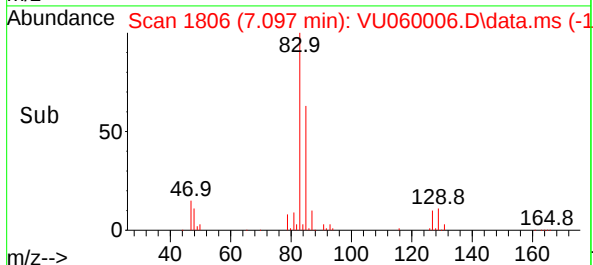
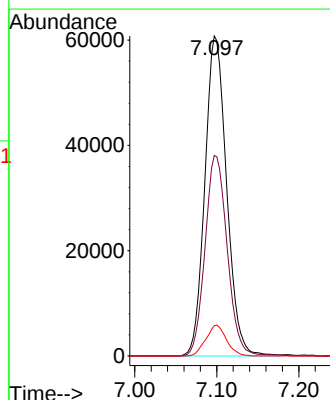
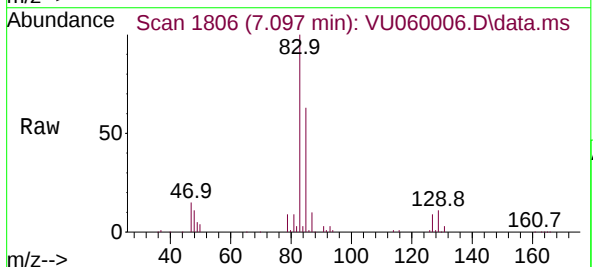
Instrument :
MSVOA_U
ClientSampleId :

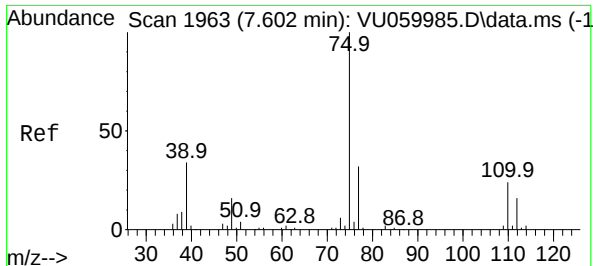
Tgt Ion: 63 Resp: 83514
Ion Ratio Lower Upper
63 100
112 4.5 3.0 4.6



#38
Bromodichloromethane
Concen: 53.589 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion: 83 Resp: 112088
Ion Ratio Lower Upper
83 100
85 62.6 45.0 83.6
127 9.4 7.4 11.2

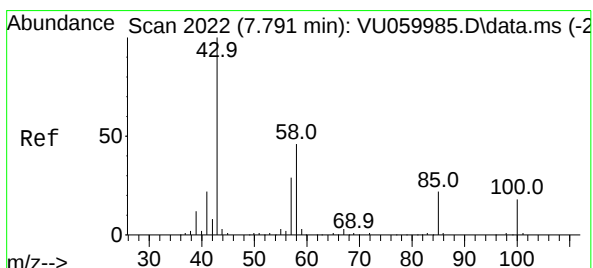
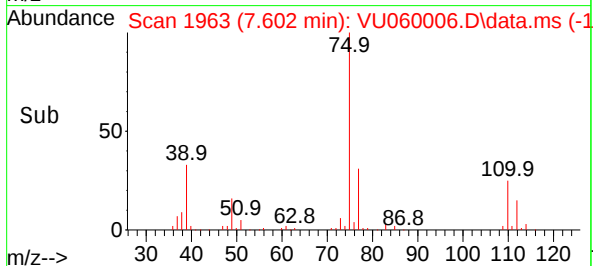
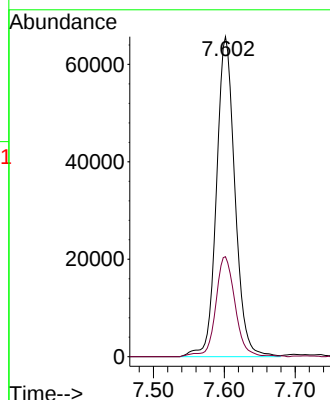
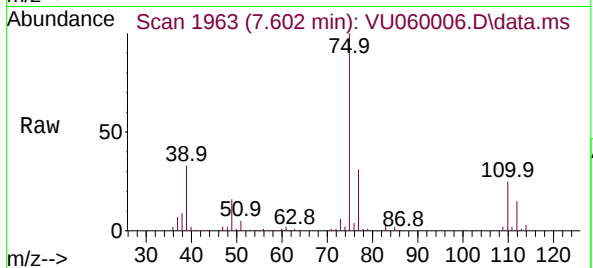




#39
 cis-1,3-Dichloropropene
 Concen: 47.056 ug/L
 RT: 7.602 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU060006.D
 Acq: 17 Jul 2024 20:05

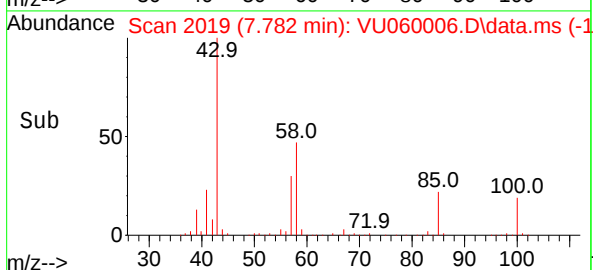
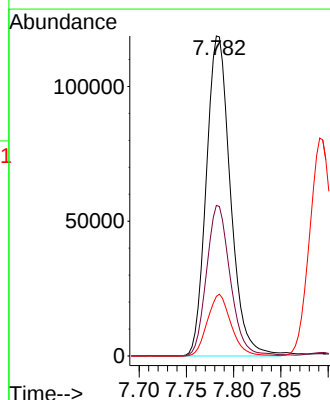
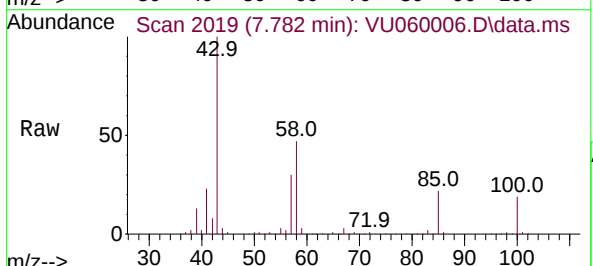
Instrument :
 MSVOA_U
 ClientSampleId :

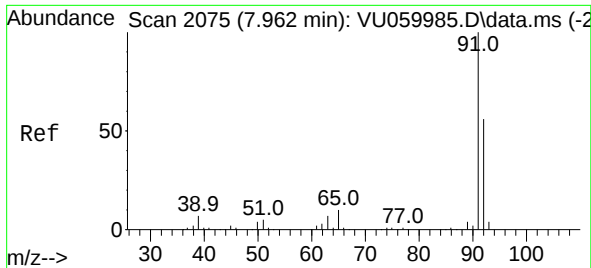
Tgt Ion: 75 Resp: 118845
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 101.018 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.010 min
 Lab File: VU060006.D
 Acq: 17 Jul 2024 20:05

Tgt Ion: 43 Resp: 210762
 Ion Ratio Lower Upper
 43 100
 58 46.4 35.3 52.9
 100 18.9 14.6 22.0





#42

Toluene

Concen: 50.298 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

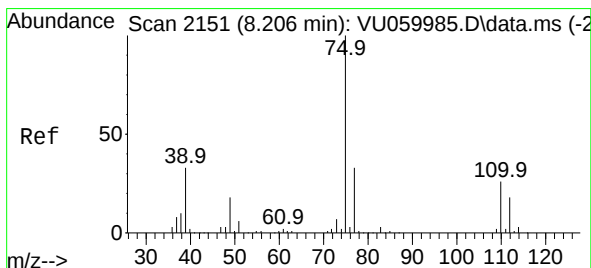
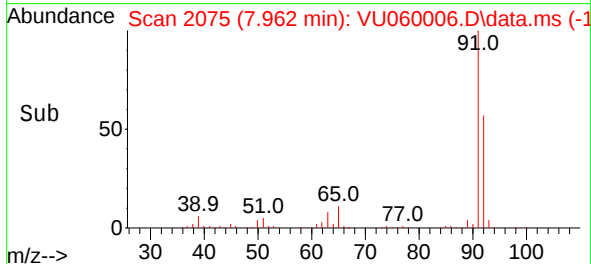
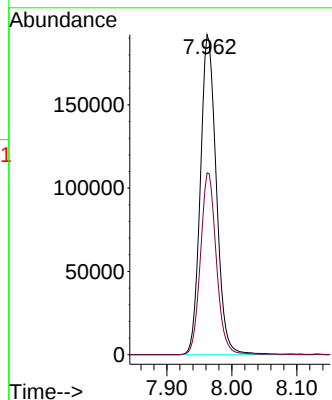
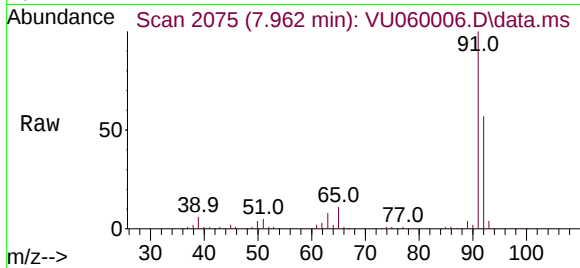
ClientSampleId :

Tgt Ion: 91 Resp: 329312

Ion Ratio Lower Upper

91 100

92 56.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 48.342 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060006.D

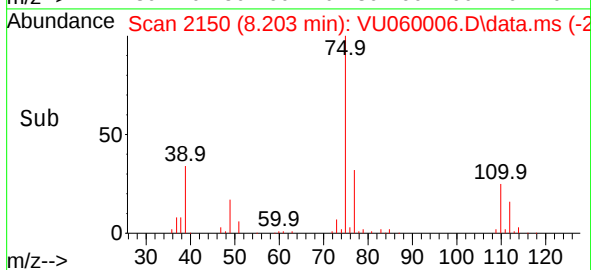
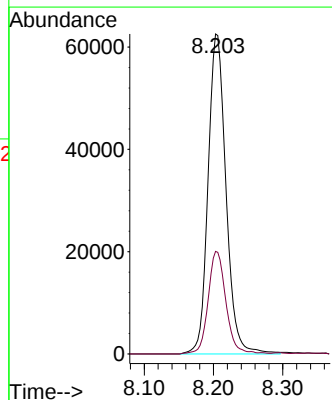
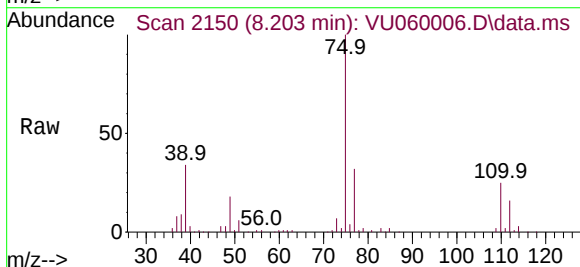
Acq: 17 Jul 2024 20:05

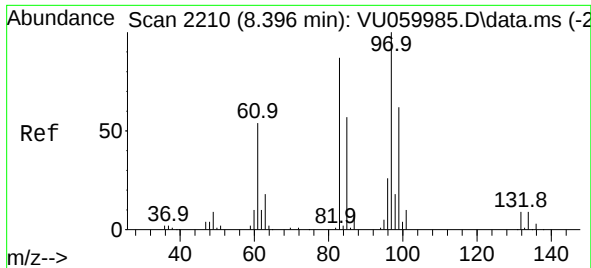
Tgt Ion: 75 Resp: 112151

Ion Ratio Lower Upper

75 100

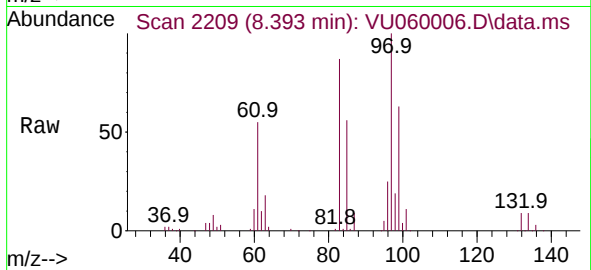
77 32.1 21.7 40.3



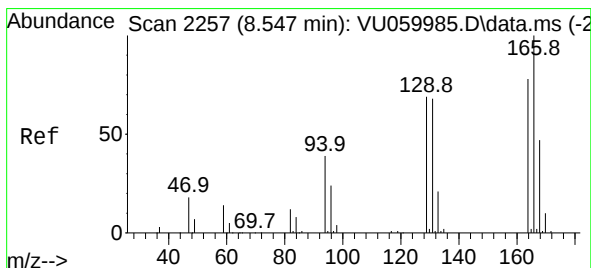
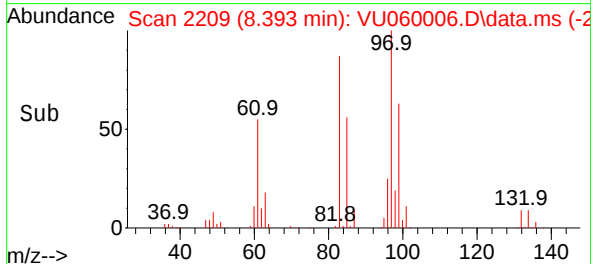
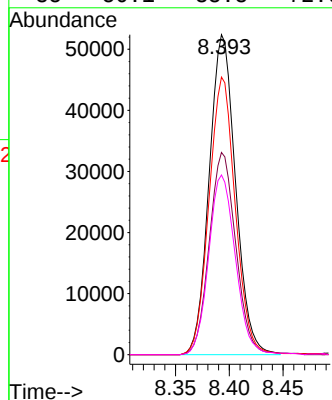


#45
1,1,2-Trichloroethane
Concen: 51.815 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Instrument :
MSVOA_U
ClientSampleId :

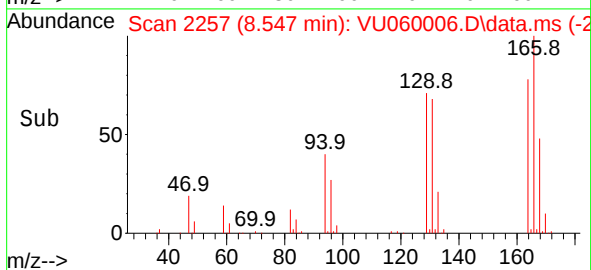
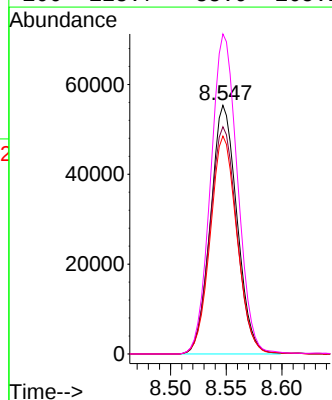
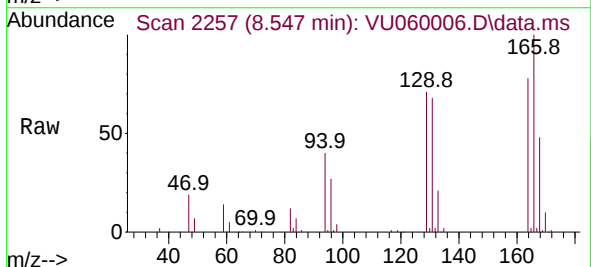


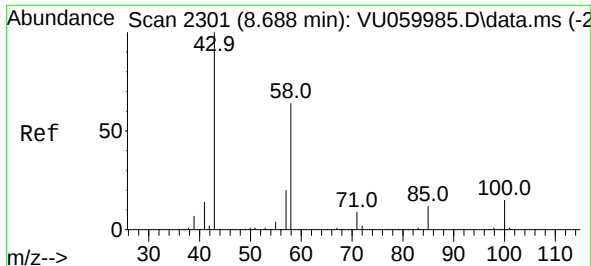
Tgt Ion:	97	Resp:	89577
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.1	80.1
83	86.7	60.4	112.2
85	56.1	38.8	72.0



#46
Tetrachloroethene
Concen: 69.681 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:	164	Resp:	91741
Ion	Ratio	Lower	Upper
164	100		
129	91.3	62.7	116.5
131	87.6	62.3	115.7
166	128.7	88.9	165.1





#48

2-Hexanone

Concen: 100.318 ug/L

RT: 8.676 min Scan# 21

Delta R.T. -0.013 min

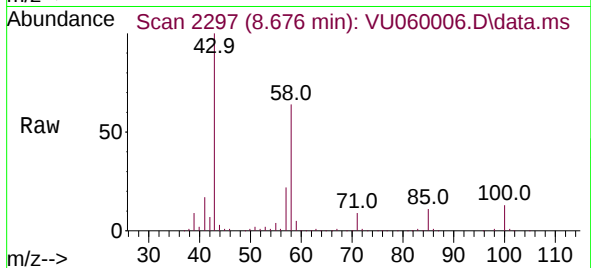
Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 175169

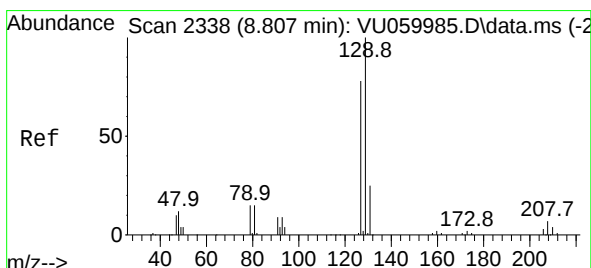
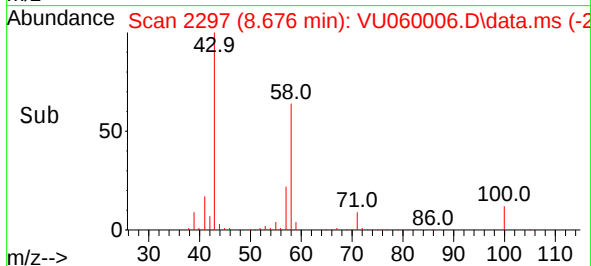
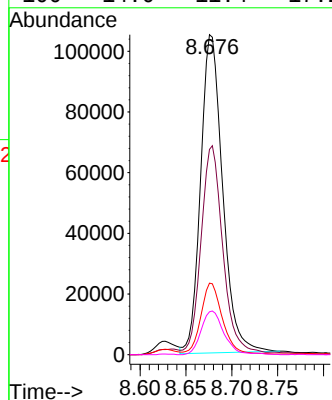
Ion Ratio Lower Upper

43 100

58 63.7 49.0 73.6

57 21.8 16.7 25.1

100 14.0 11.4 17.2



#49

Dibromochloromethane

Concen: 55.429 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.003 min

Lab File: VU060006.D

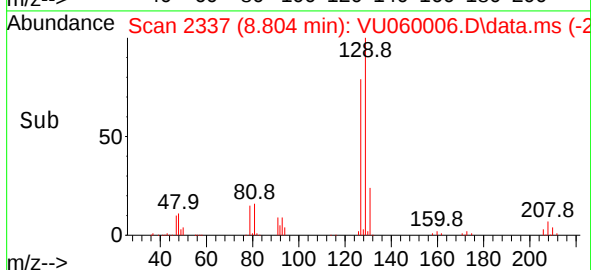
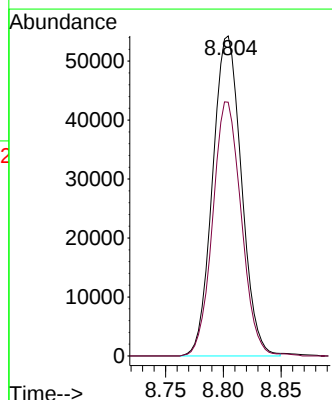
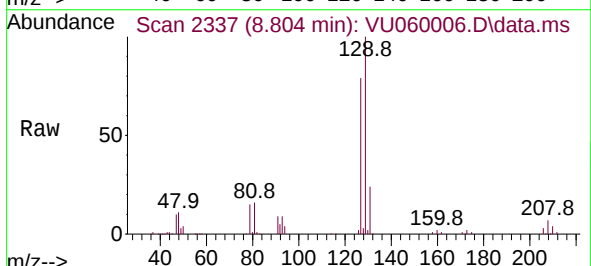
Acq: 17 Jul 2024 20:05

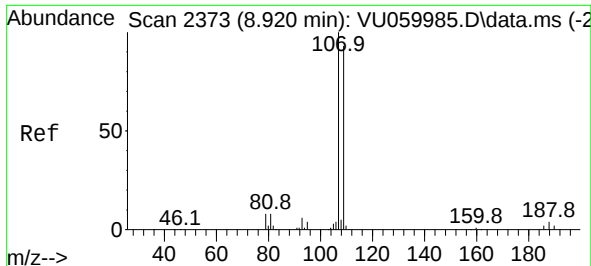
Tgt Ion:129 Resp: 94416

Ion Ratio Lower Upper

129 100

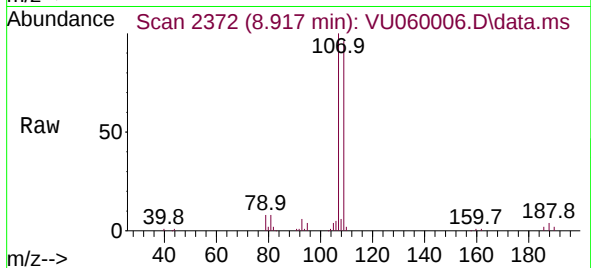
127 79.3 54.0 100.2



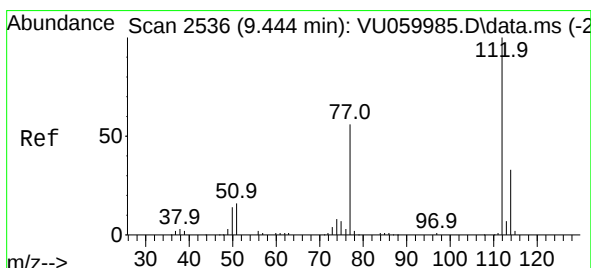
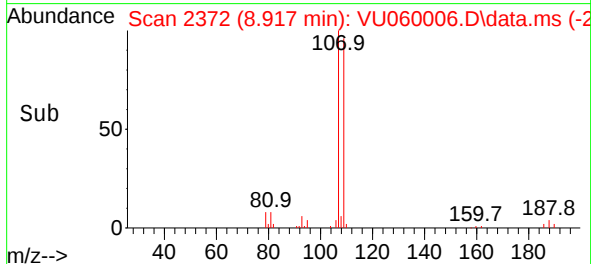
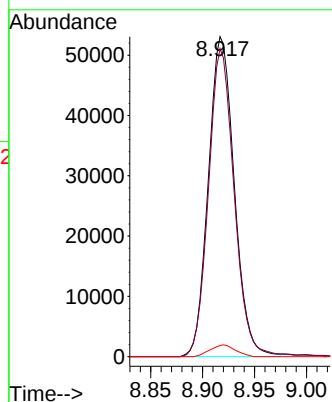


#50
1,2-Dibromoethane
Concen: 50.923 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Instrument :
MSVOA_U
ClientSampleId :

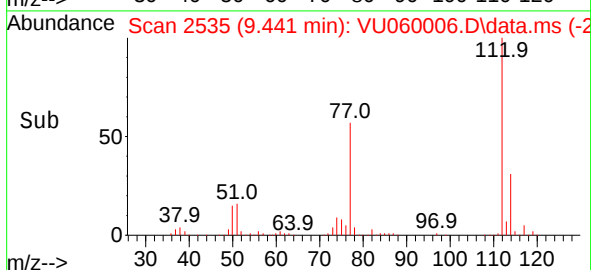
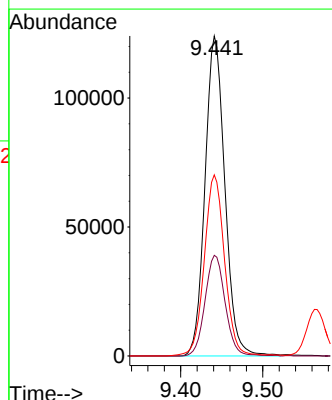
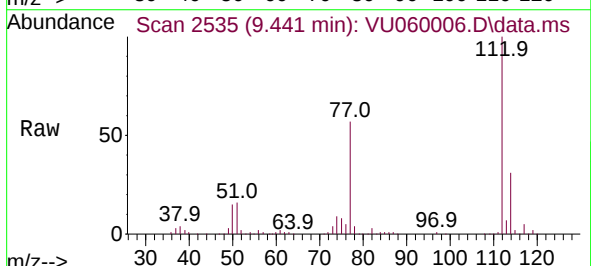


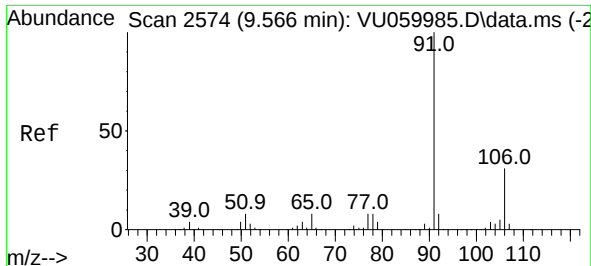
Tgt Ion:107 Resp: 92045
Ion Ratio Lower Upper
107 100
109 96.3 65.5 121.6
188 3.5 3.0 4.4



#51
Chlorobenzene
Concen: 48.114 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:112 Resp: 209129
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.3
77 56.6 45.8 68.6

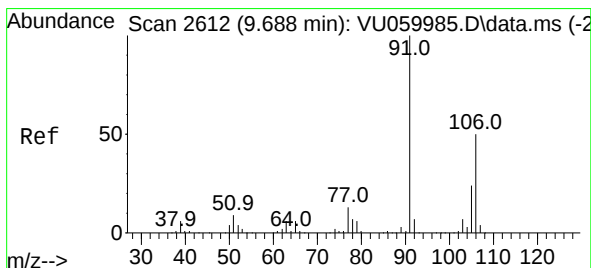
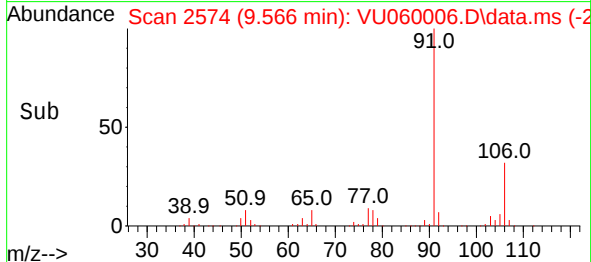
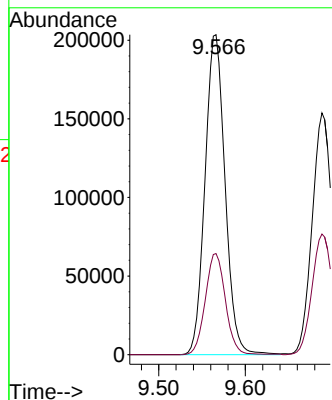
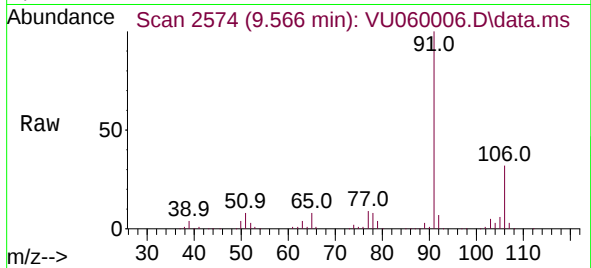




#52
Ethylbenzene
Concen: 46.850 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

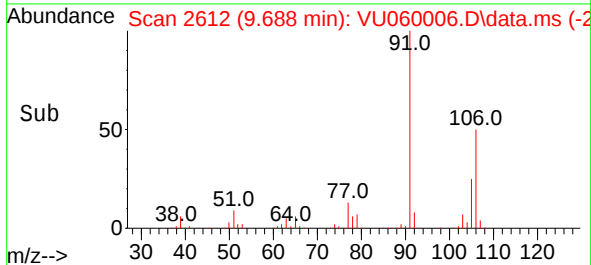
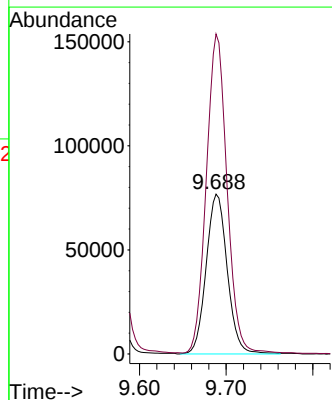
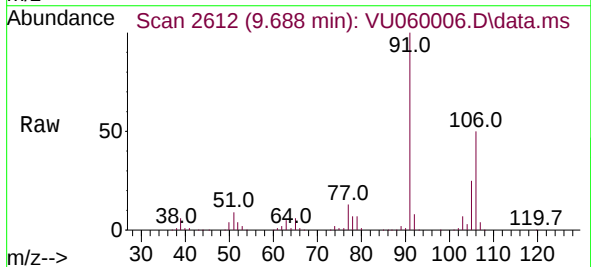
Instrument :
MSVOA_U
ClientSampleId :

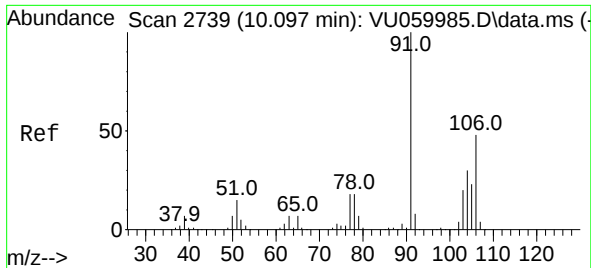
Tgt Ion: 91 Resp: 327557
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 47.804 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion: 106 Resp: 130137
Ion Ratio Lower Upper
106 100
91 200.3 140.9 261.7

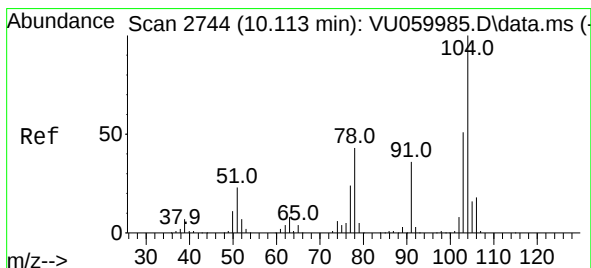
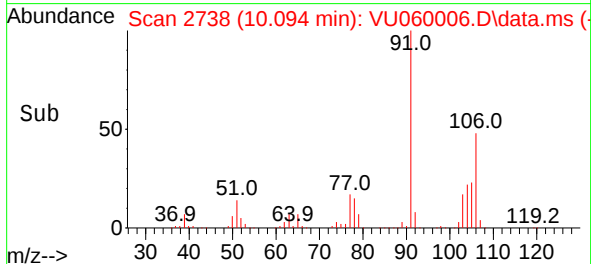
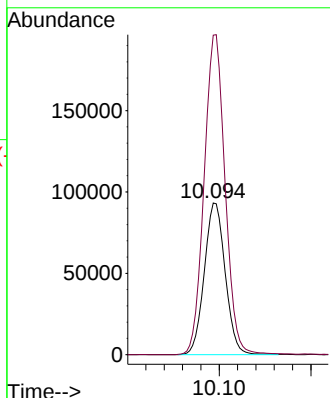
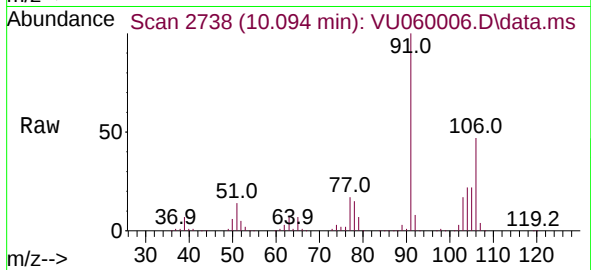




#54
o-Xylene
Concen: 56.391 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

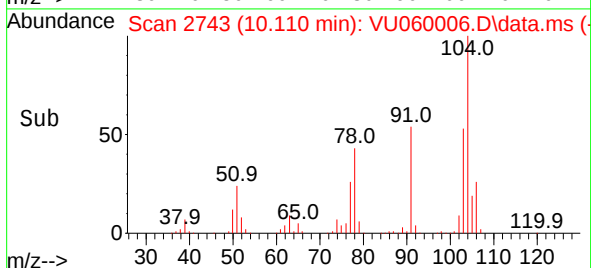
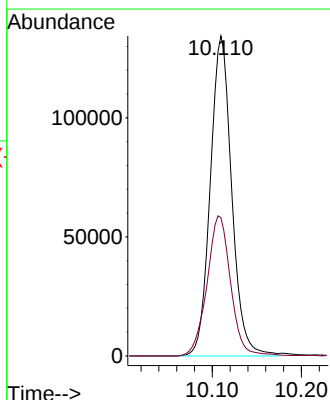
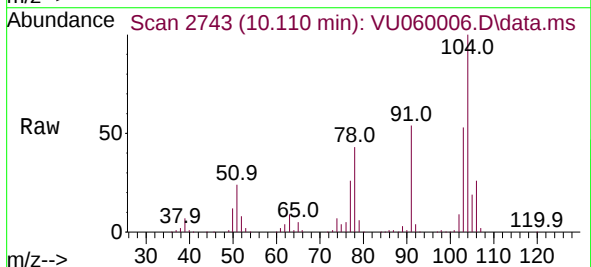
Instrument :
MSVOA_U
ClientSampleId :

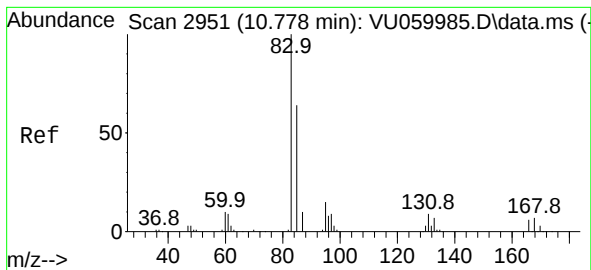
Tgt Ion:106 Resp: 147621
Ion Ratio Lower Upper
106 100
91 210.7 147.4 273.8



#55
Styrene
Concen: 50.871 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

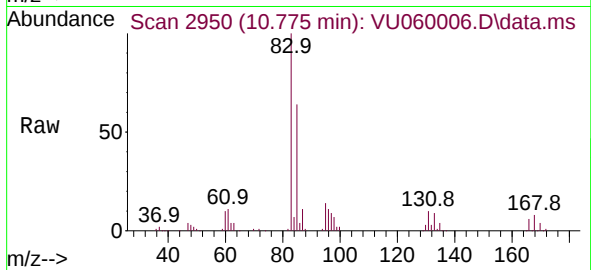
Tgt Ion:104 Resp: 224666
Ion Ratio Lower Upper
104 100
78 43.2 30.9 57.5



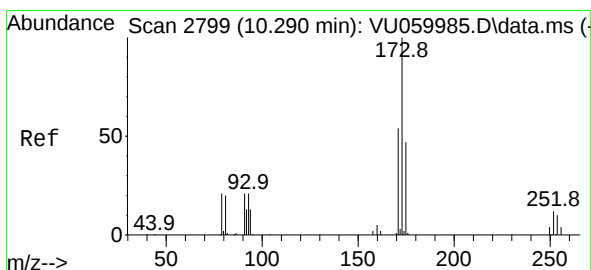
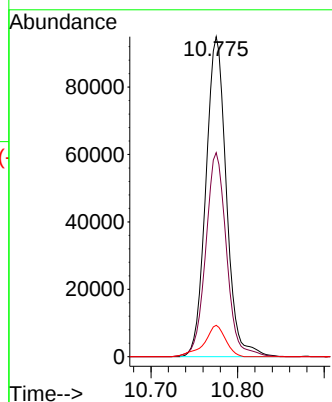
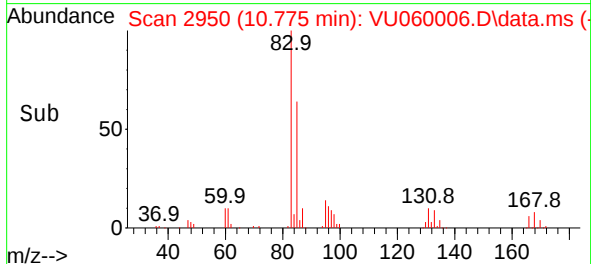


#57
1,1,2,2-Tetrachloroethane
Concen: 53.433 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Instrument :
MSVOA_U
ClientSampleId :

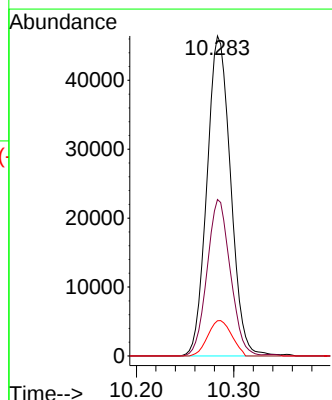
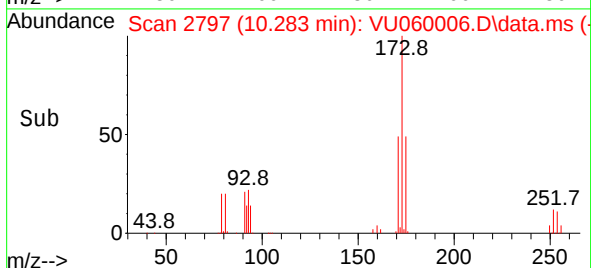
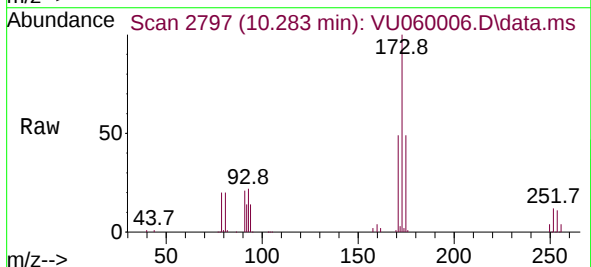


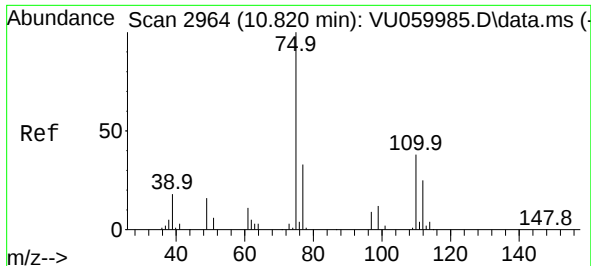
Tgt Ion: 83 Resp: 155779
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.2
131 9.8 7.5 11.3



#59
Bromoform
Concen: 56.735 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.006 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:173 Resp: 78422
Ion Ratio Lower Upper
173 100
175 48.0 39.4 59.2
254 11.1 9.0 13.4

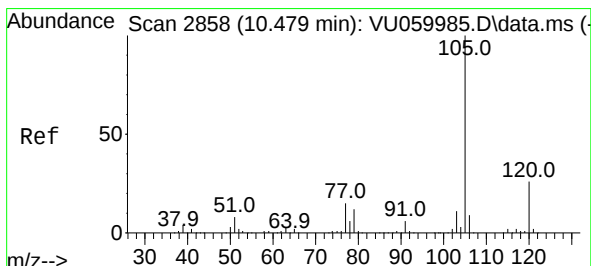
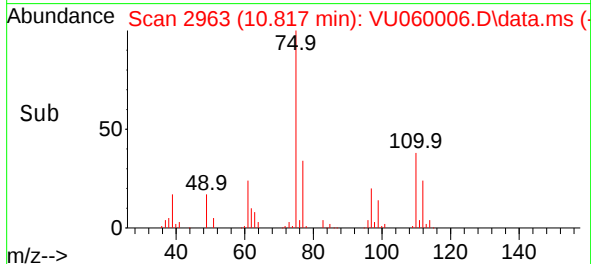
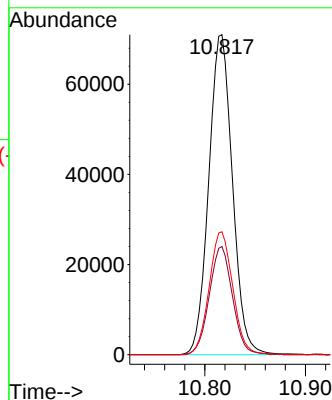
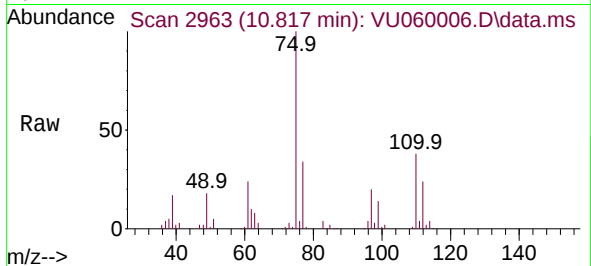




#60
1,2,3-Trichloropropane
Concen: 53.548 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

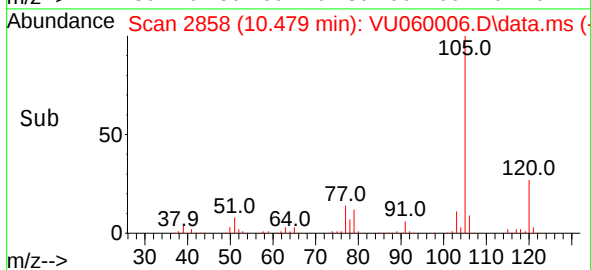
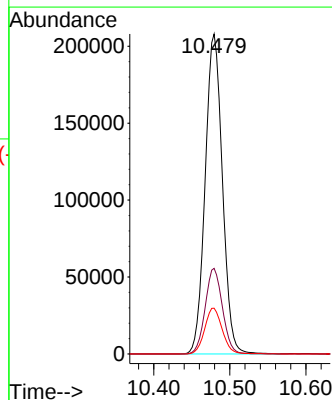
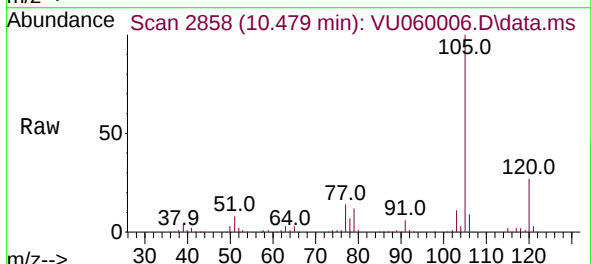
Instrument :
MSVOA_U
ClientSampleId :

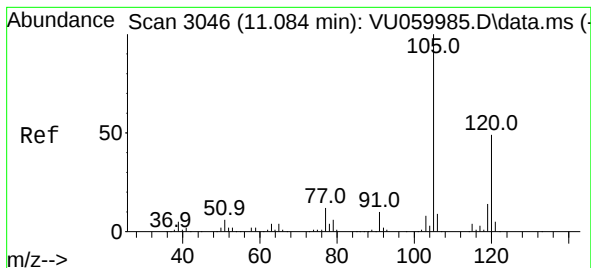
Tgt Ion: 75 Resp: 116177
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
110 38.3 30.7 46.1



#61
Isopropylbenzene
Concen: 49.157 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion: 105 Resp: 327568
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 14.6 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 46.231 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

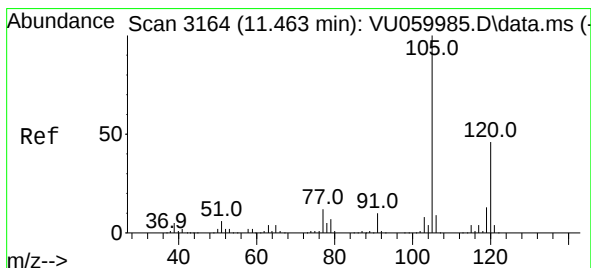
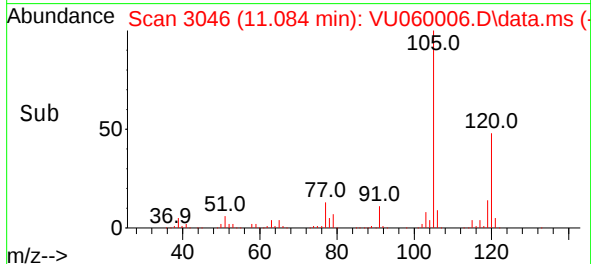
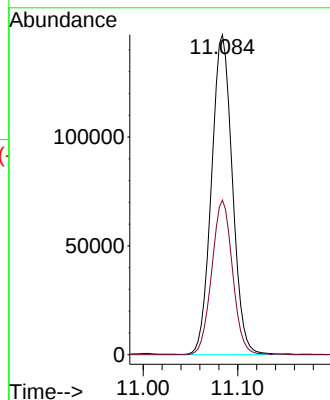
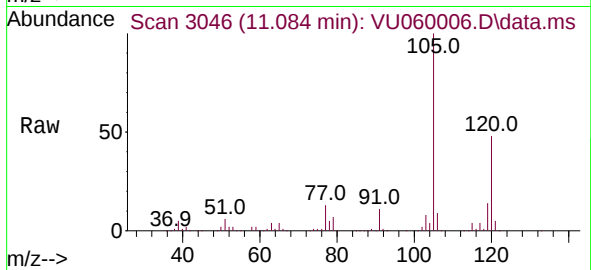
ClientSampleId :

Tgt Ion:105 Resp: 225528

Ion Ratio Lower Upper

105 100

120 48.0 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 46.726 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060006.D

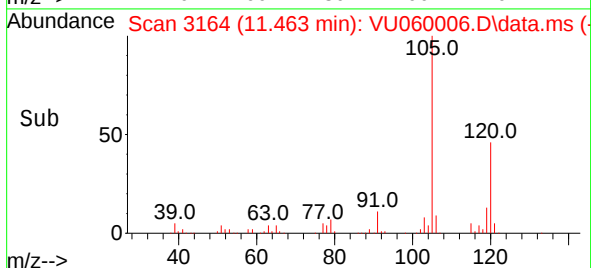
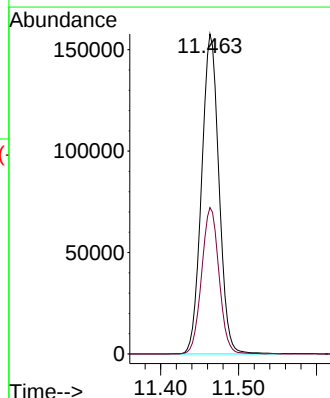
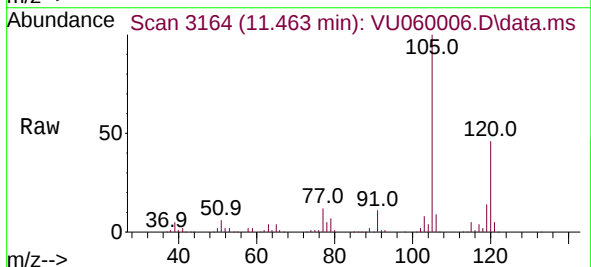
Acq: 17 Jul 2024 20:05

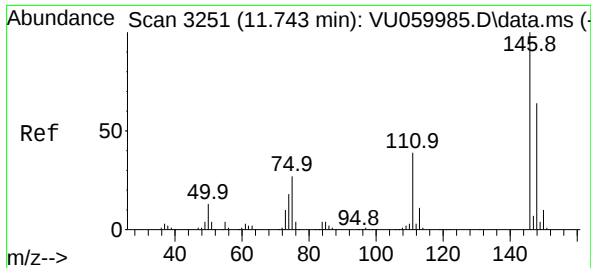
Tgt Ion:105 Resp: 244154

Ion Ratio Lower Upper

105 100

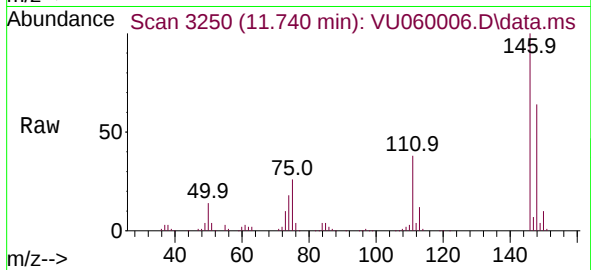
120 45.9 37.0 55.6



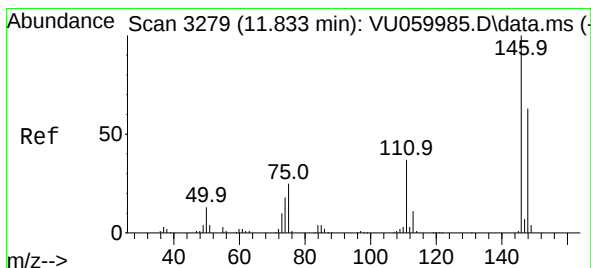
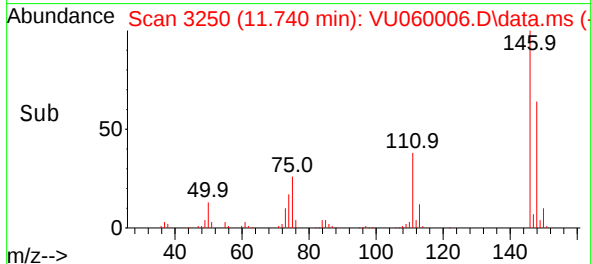
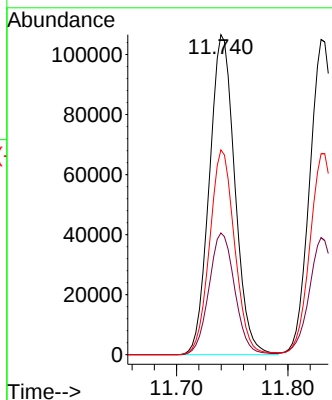


#64
1,3-Dichlorobenzene
Concen: 49.031 ug/L
RT: 11.740 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Instrument :
MSVOA_U
ClientSampleId :

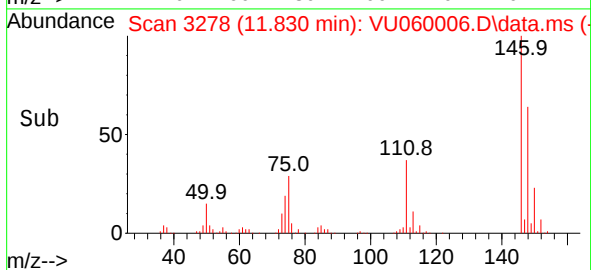
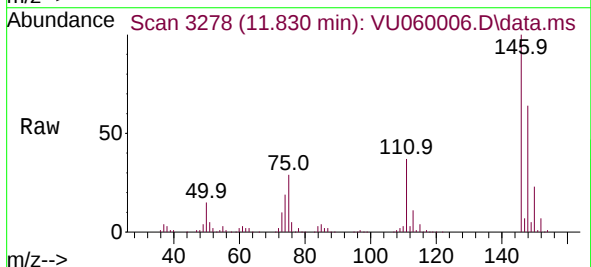
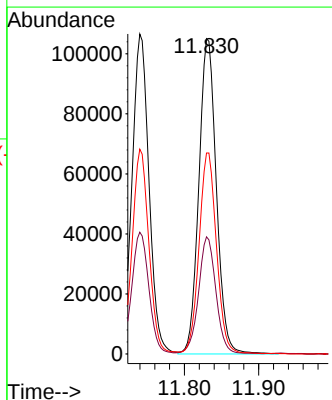


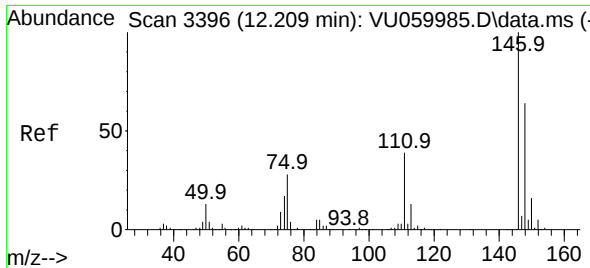
Tgt Ion:146 Resp: 169447
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.1
148 64.0 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 48.281 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:146 Resp: 172488
Ion Ratio Lower Upper
146 100
111 37.2 25.9 48.1
148 63.8 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 49.522 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

ClientSampleId :

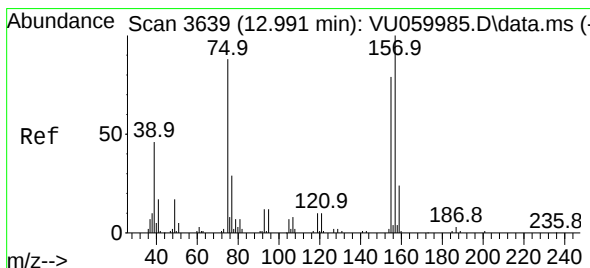
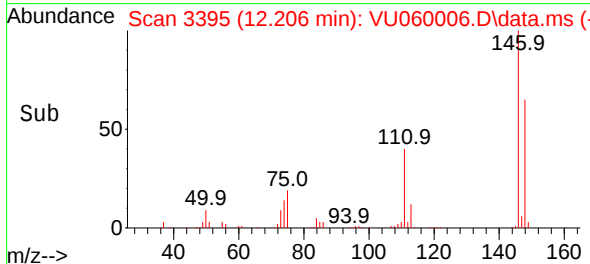
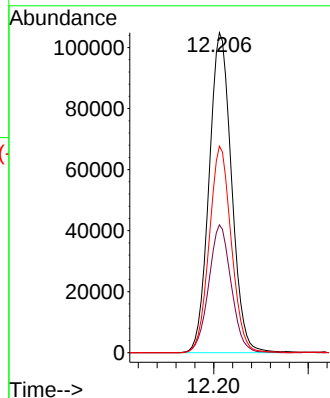
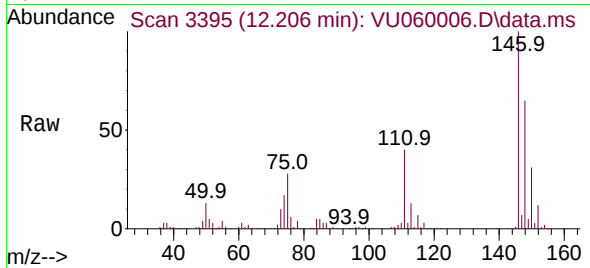
Tgt Ion:146 Resp: 172890

Ion Ratio Lower Upper

146 100

111 40.0 31.7 47.5

148 64.5 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.976 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

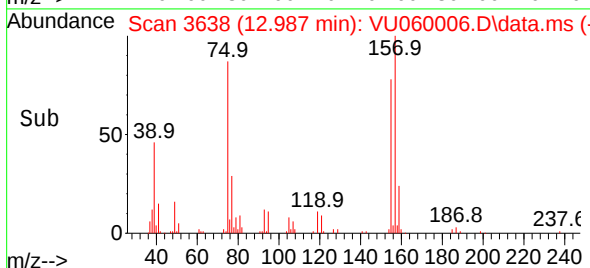
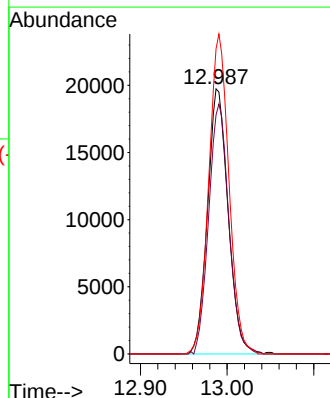
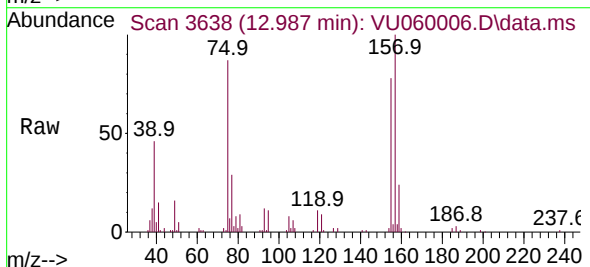
Tgt Ion: 75 Resp: 32619

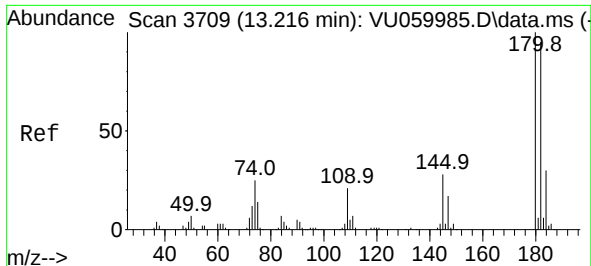
Ion Ratio Lower Upper

75 100

155 90.2 73.5 110.3

157 115.1 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 45.344 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

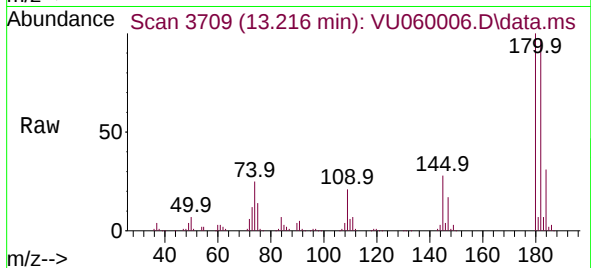
Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 112982

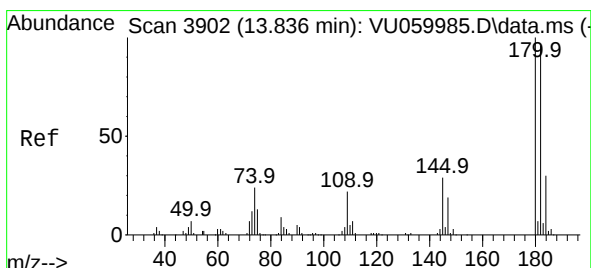
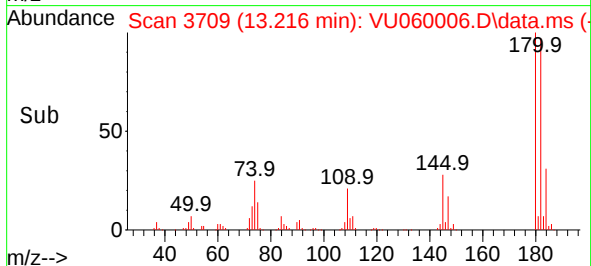
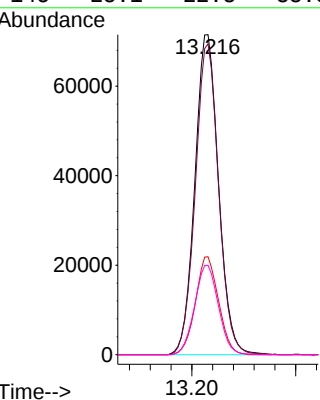
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.8

184 29.8 24.7 37.1

145 28.1 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 44.364 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU060006.D

Acq: 17 Jul 2024 20:05

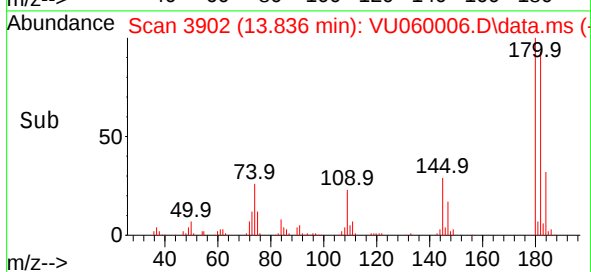
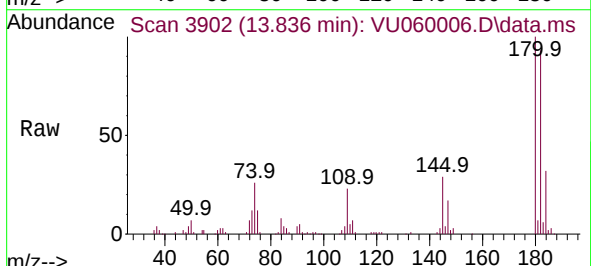
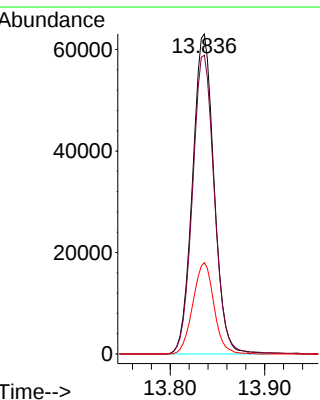
Tgt Ion:180 Resp: 99632

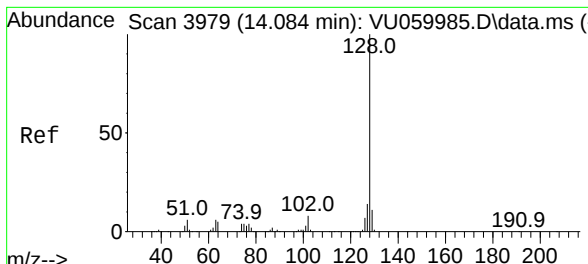
Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

145 28.0 23.0 34.4

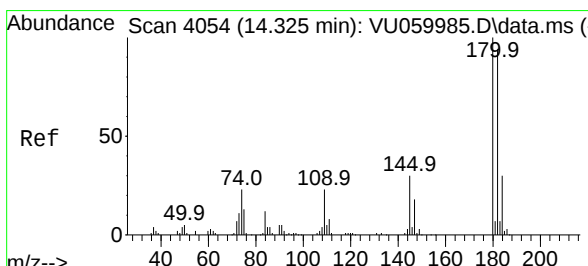
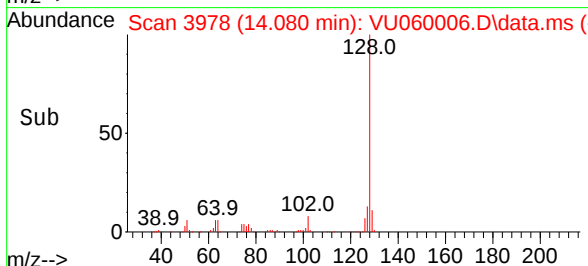
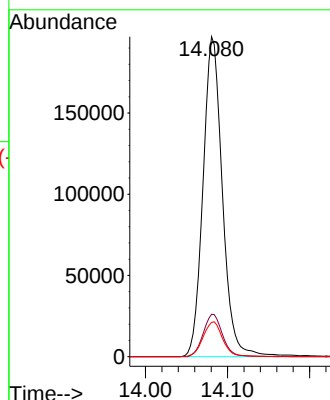
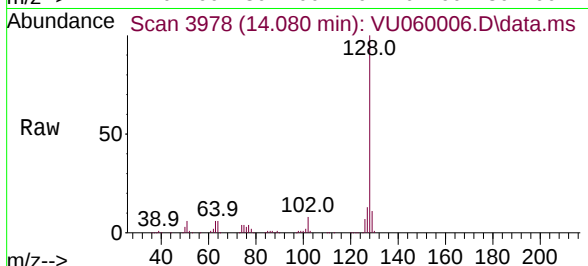




#71
Naphthalene
Concen: 49.815 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 323296
Ion Ratio	Lower Upper
128 100	
127 13.2	10.4 15.6
129 11.1	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.426 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060006.D
Acq: 17 Jul 2024 20:05

Tgt Ion:180	Resp: 111367
Ion Ratio	Lower Upper
180 100	
182 95.1	75.8 113.8
145 29.6	24.5 36.7

