

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060632.D
 Acq On : 05 Sep 2024 17:57
 Operator : MD/SY
 Sample : P3809-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:08:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	150163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31219	4.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.910	69	31018	3.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.800%#
11) 1,1-Dichloroethene-d2	2.560	65	13824	3.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.634	46	96440	42.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	5.055	84	77935	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.695	65	37723	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.721	84	145008	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	47004	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.891	98	132429	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	15950	4.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	73733	41.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40635	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	47038	4.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	83812	4.919	ug/L	99
3) Chloromethane	1.518	50	88677	6.006	ug/L	100
5) Vinyl chloride	1.602	62	111324	7.657	ug/L	97
6) Bromomethane	1.856	94	43859	2.998	ug/L	98
8) Chloroethane	1.930	64	54091	4.078	ug/L	97
9) Trichlorofluoromethane	2.135	101	121550	3.846	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	61527	4.601	ug/L	99
12) 1,1-Dichloroethene	2.573	96	119992	9.750	ug/L #	87
13) Acetone	2.647	43	95546	50.065	ug/L	98
14) Carbon disulfide	2.788	76	186940	4.681	ug/L	100
15) Methyl Acetate	2.955	43	24406	6.254	ug/L	92
16) Methylene chloride	3.039	84	66708	5.580	ug/L	86
17) Methyl tert-butyl Ether	3.357	73	209750	8.398	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	61533	5.743	ug/L	99
19) 1,1-Dichloroethane	3.859	63	462418	21.298	ug/L	96
21) 2-Butanone	4.714	43	164803	63.146	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	162032	13.572	ug/L	96
23) Bromochloromethane	4.968	128	31272	5.763	ug/L	95
25) Chloroform	5.081	83	124514	5.419	ug/L	97

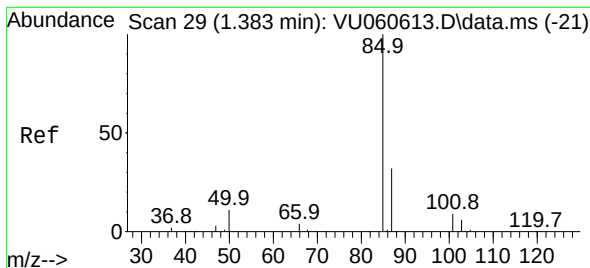
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78449	5.087	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	105549	5.205	ug/L	98
30) Cyclohexane	5.380	56	96712	5.761	ug/L	98
31) Carbon tetrachloride	5.518	117	91869	4.902	ug/L	98
33) Benzene	5.766	78	270072	5.751	ug/L	100
34) Trichloroethene	6.534	95	74916	5.885	ug/L	98
35) Methylcyclohexane	6.756	83	101643	5.820	ug/L	95
37) 1,2-Dichloropropane	6.782	63	73820	6.135	ug/L #	98
38) Bromodichloromethane	7.097	83	85746	5.423	ug/L	100
39) cis-1,3-Dichloropropene	7.601	75	97002	5.498	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	389223	62.110	ug/L	98
42) Toluene	7.962	91	287486	5.793	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	82190	5.675	ug/L	97
45) 1,1,2-Trichloroethane	8.392	97	51069	5.859	ug/L	99
47) Tetrachloroethene	8.547	164	53935	5.170	ug/L	98
48) 2-Hexanone	8.679	43	281986	60.126	ug/L	98
49) Dibromochloromethane	8.801	129	56929	5.641	ug/L	100
50) 1,2-Dibromoethane	8.917	107	46482	5.809	ug/L #	93
51) Chlorobenzene	9.441	112	187697	5.843	ug/L	97
52) Ethylbenzene	9.563	91	300138	5.707	ug/L	100
53) m,p-Xylene	9.688	106	116353	5.951	ug/L	96
54) o-Xylene	10.093	106	110038	5.498	ug/L	100
55) Styrene	10.109	104	189435	5.776	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	63574	5.712	ug/L #	92
59) Bromoform	10.283	173	34245	5.375	ug/L	100
60) Isopropylbenzene	10.476	105	297069	5.736	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	45250	6.051	ug/L	98
62) 1,3,5-Trimethylbenzene	11.080	105	230920	5.982	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	233887	5.940	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	144207	5.689	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	142449	5.538	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	141104	5.934	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	9690	5.741	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	106228	5.435	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	82123	5.208	ug/L	99
71) Naphthalene	14.080	128	157469	7.817	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	75818	5.745	ug/L	98

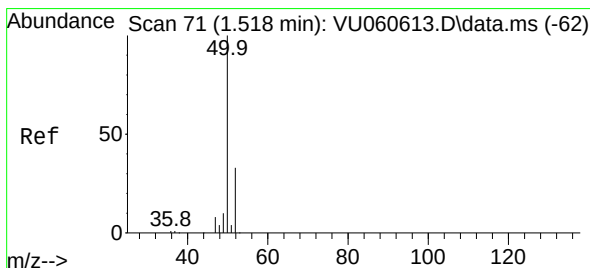
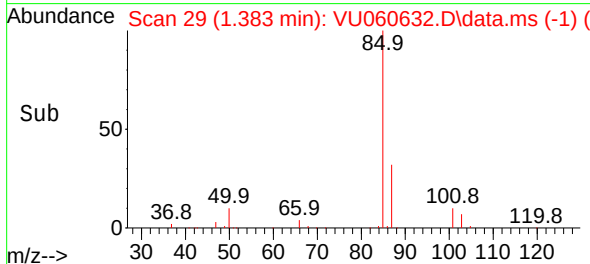
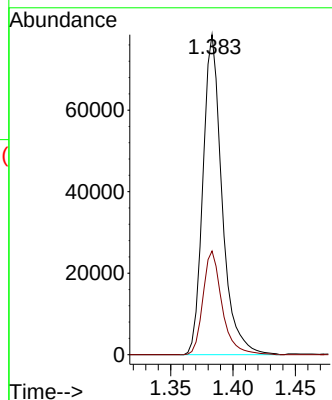
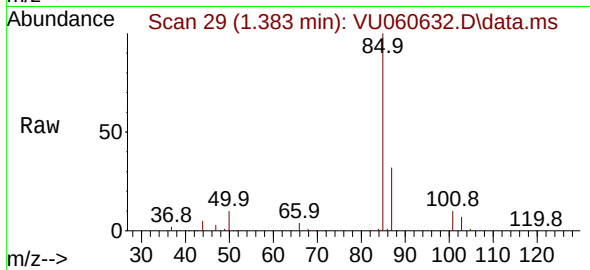
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.919 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060632.D
 Acq: 05 Sep 2024 17:57

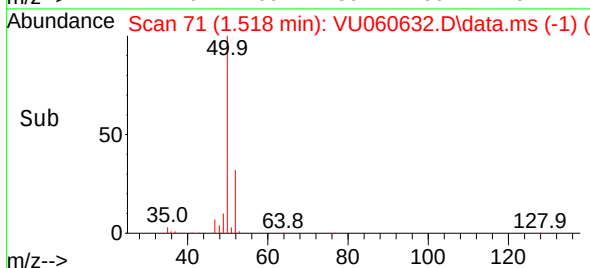
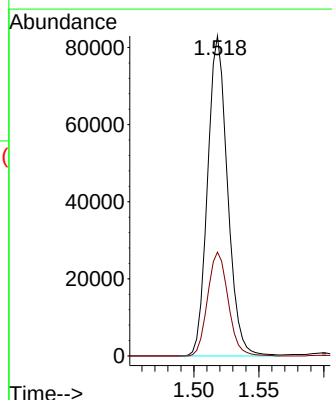
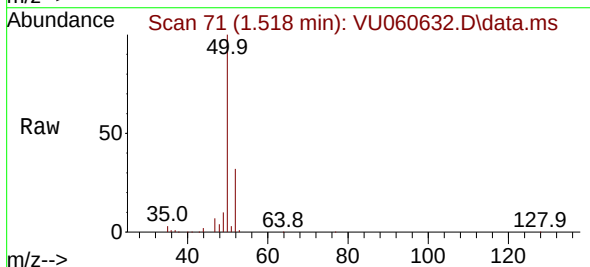
Instrument :
 MSVOA_U
 ClientSampleId :

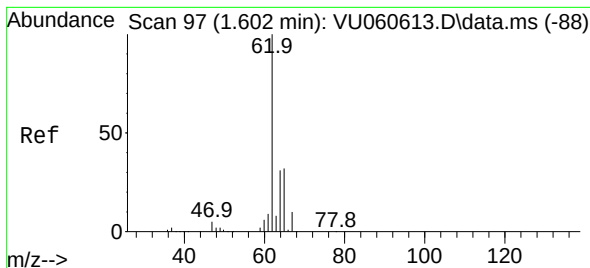
Tgt Ion: 85 Resp: 83812
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



#3
 Chloromethane
 Concen: 6.006 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060632.D
 Acq: 05 Sep 2024 17:57

Tgt Ion: 50 Resp: 88677
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.1





#5

Vinyl chloride

Concen: 7.657 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

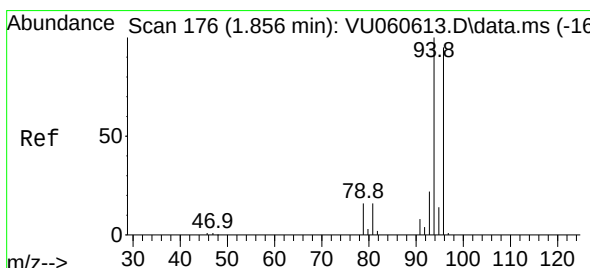
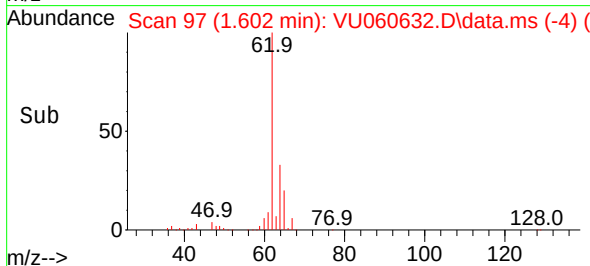
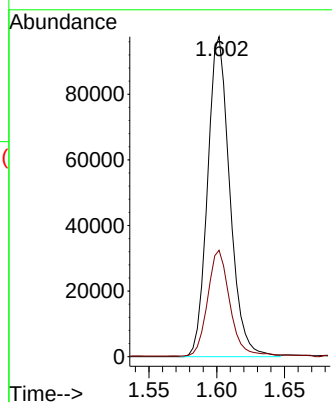
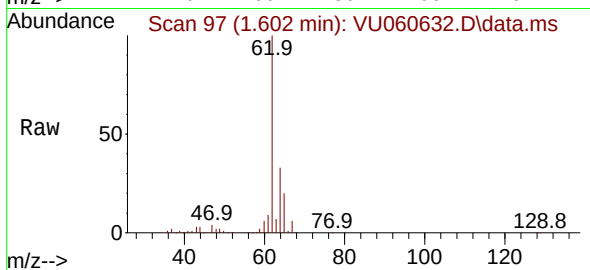
ClientSampleId :

Tgt Ion: 62 Resp: 111324

Ion Ratio Lower Upper

62 100

64 33.2 22.0 40.8



#6

Bromomethane

Concen: 2.998 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060632.D

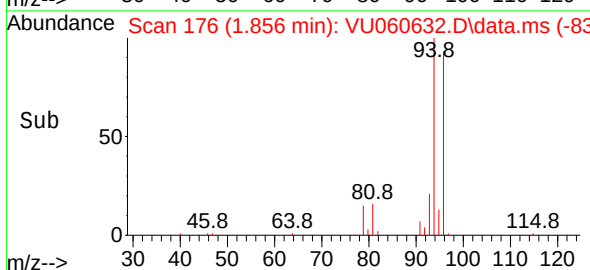
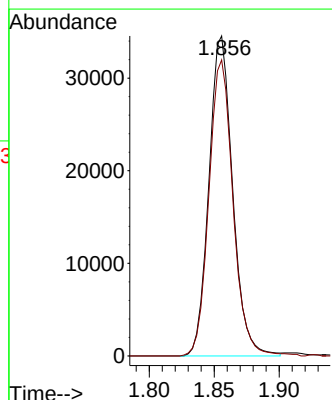
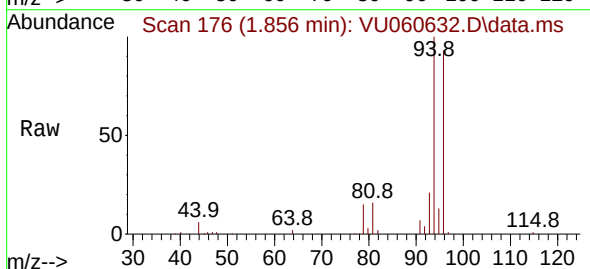
Acq: 05 Sep 2024 17:57

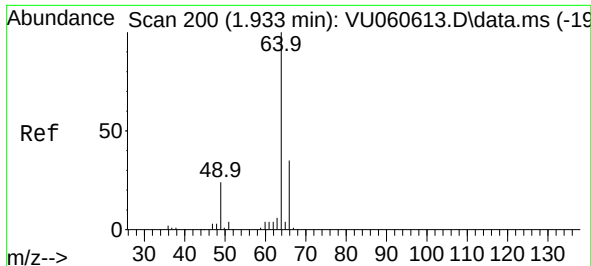
Tgt Ion: 94 Resp: 43859

Ion Ratio Lower Upper

94 100

96 92.5 63.3 117.5

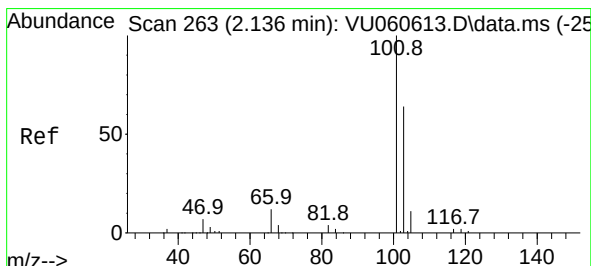
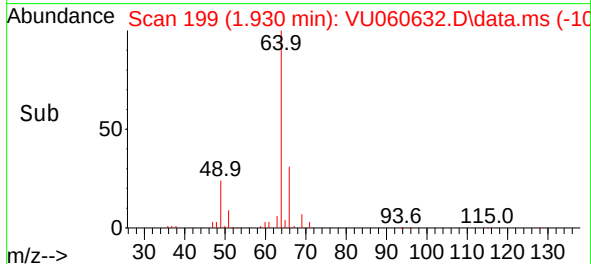
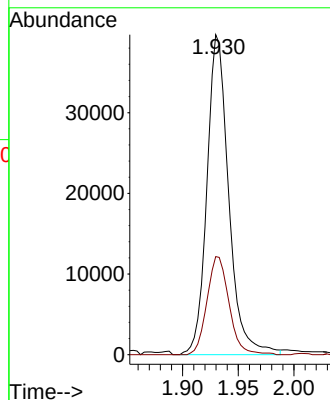
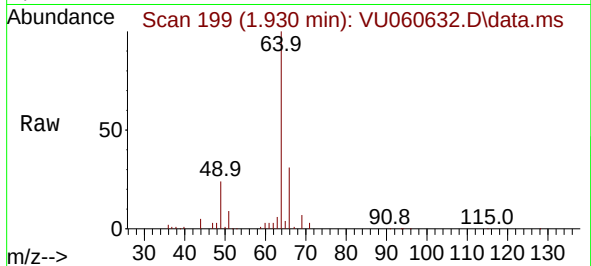




#8
Chloroethane
Concen: 4.078 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

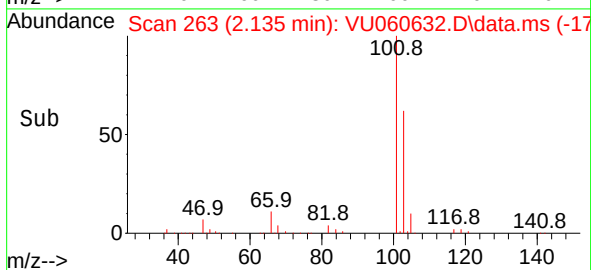
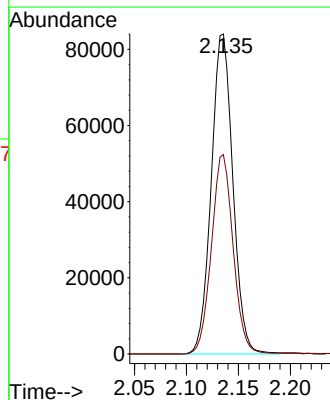
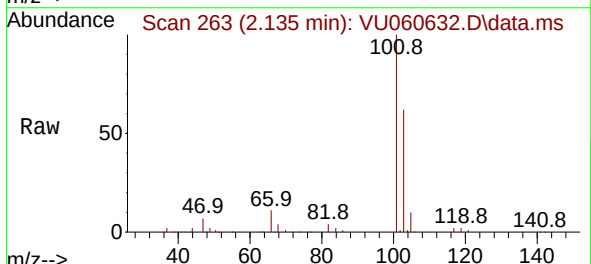
Instrument :
MSVOA_U
ClientSampleId :

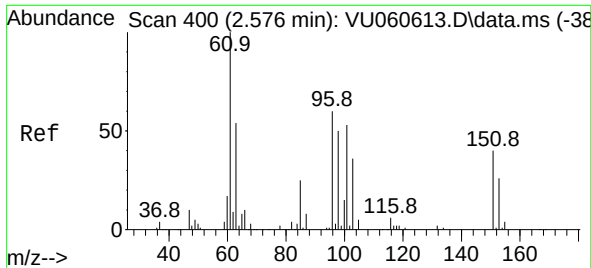
Tgt Ion: 64 Resp: 54091
Ion Ratio Lower Upper
64 100
66 30.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.846 ug/L
RT: 2.135 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion:101 Resp: 121550
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.2





#10

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

Concen: 4.601 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :

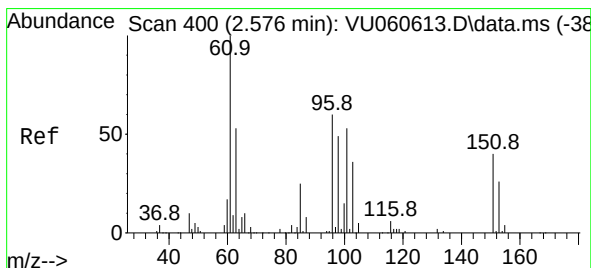
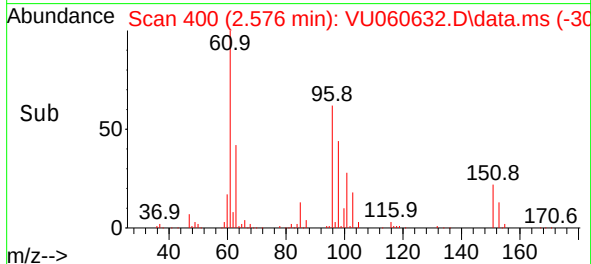
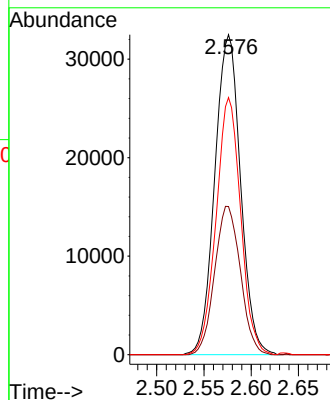
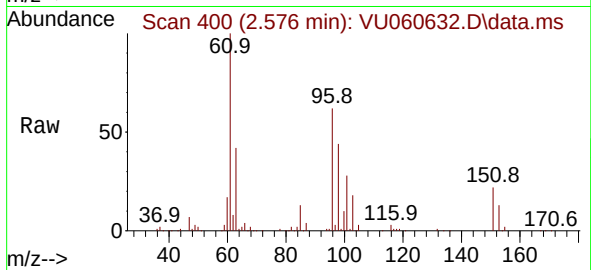
Tgt Ion:101 Resp: 61527

Ion Ratio Lower Upper

101 100

85 46.3 35.8 53.6

151 76.8 61.7 92.5



#12

1,1-Dichloroethene

Concen: 9.750 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

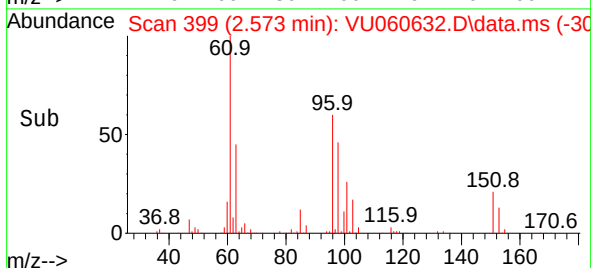
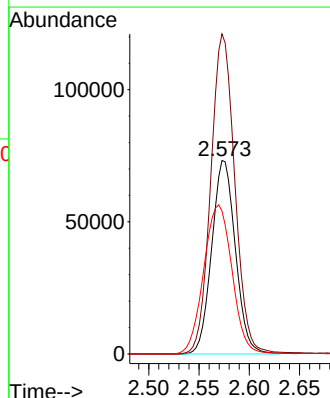
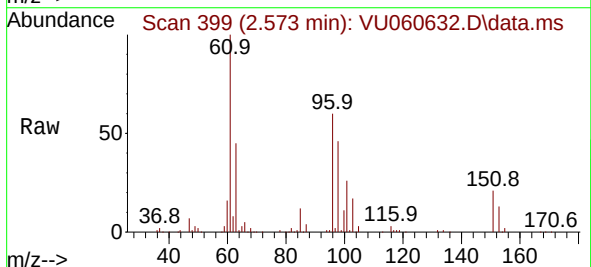
Tgt Ion: 96 Resp: 119992

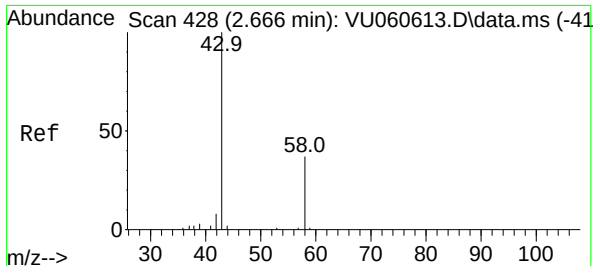
Ion Ratio Lower Upper

96 100

61 165.4 116.4 216.2

63 74.0 74.8 139.0#





#13

Acetone

Concen: 50.065 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.019 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

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MSVOA_U

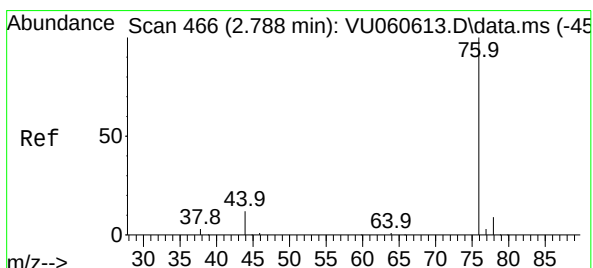
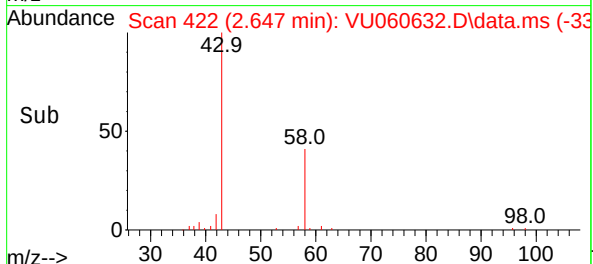
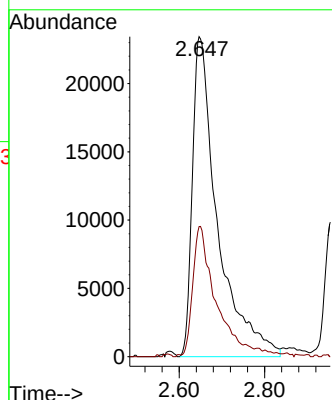
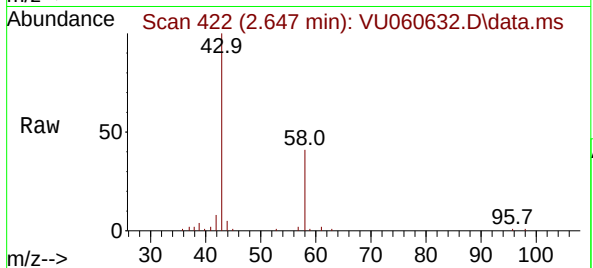
ClientSampleId :

Tgt Ion: 43 Resp: 95546

Ion Ratio Lower Upper

43 100

58 34.5 0.0 66.8



#14

Carbon disulfide

Concen: 4.681 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060632.D

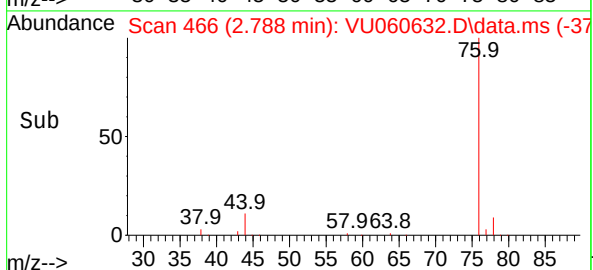
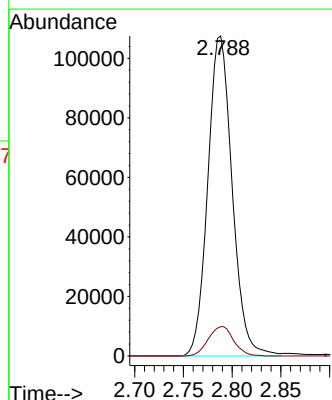
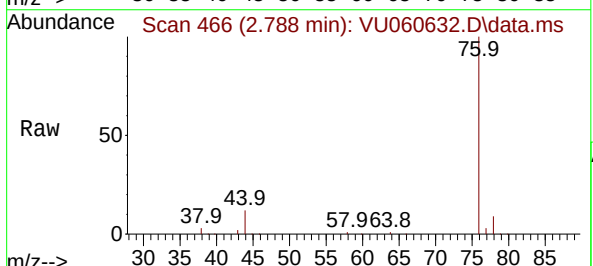
Acq: 05 Sep 2024 17:57

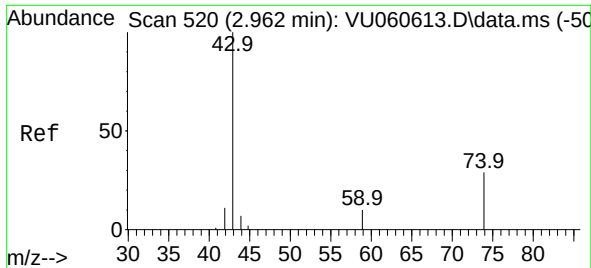
Tgt Ion: 76 Resp: 186940

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 6.254 ug/L

RT: 2.955 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

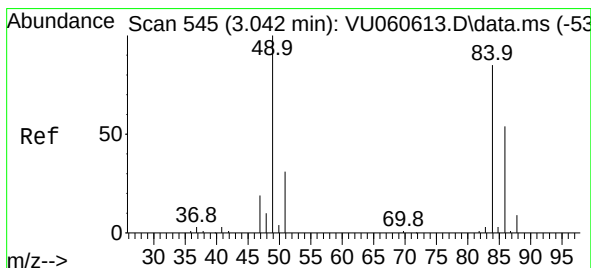
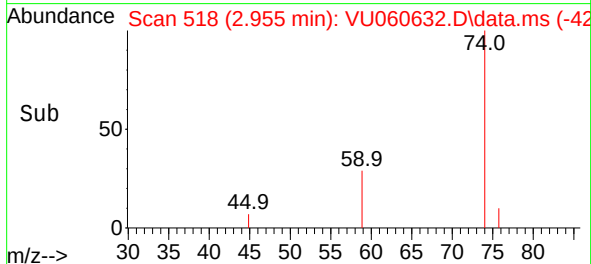
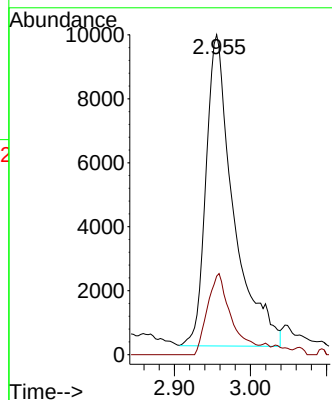
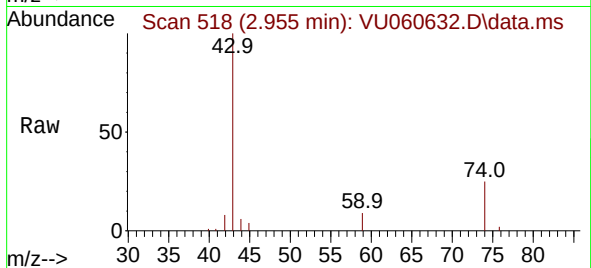
ClientSampleId :

Tgt Ion: 43 Resp: 24406

Ion Ratio Lower Upper

43 100

74 22.8 21.4 32.2



#16

Methylene chloride

Concen: 5.580 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

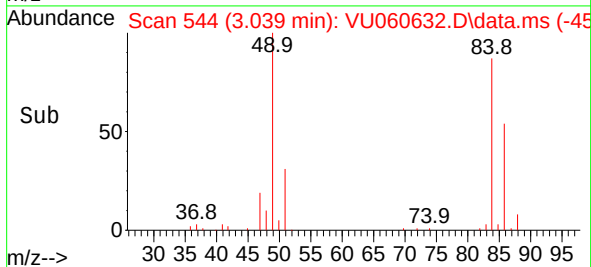
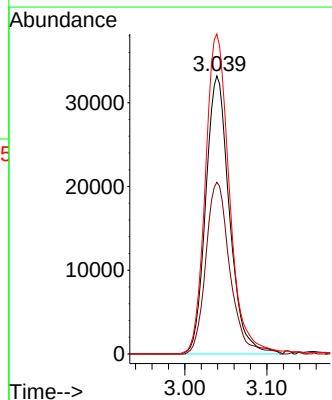
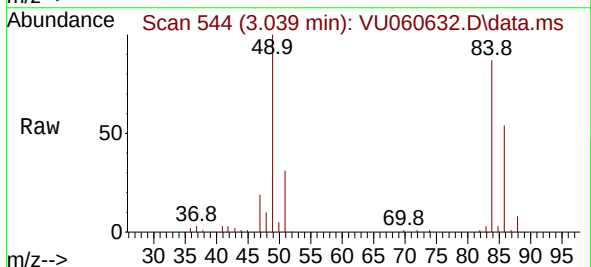
Tgt Ion: 84 Resp: 66708

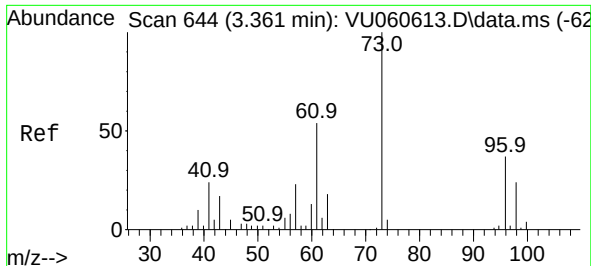
Ion Ratio Lower Upper

84 100

86 61.8 47.5 88.3

49 115.1 94.4 175.2





#17

Methyl tert-butyl Ether

Concen: 8.398 ug/L

RT: 3.357 min Scan# 644

Delta R.T. -0.003 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :

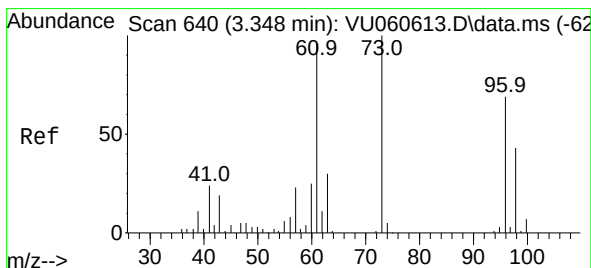
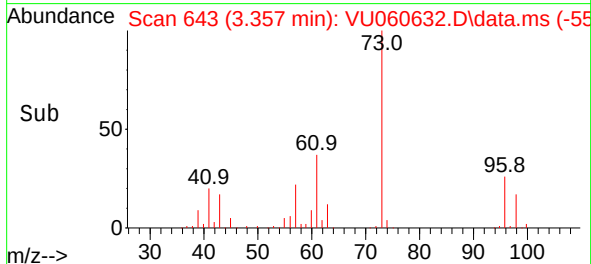
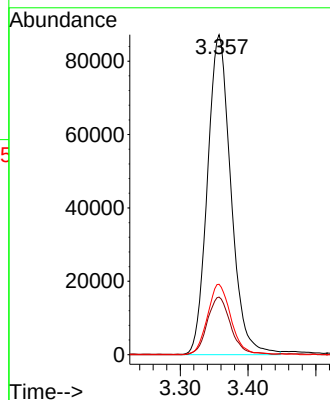
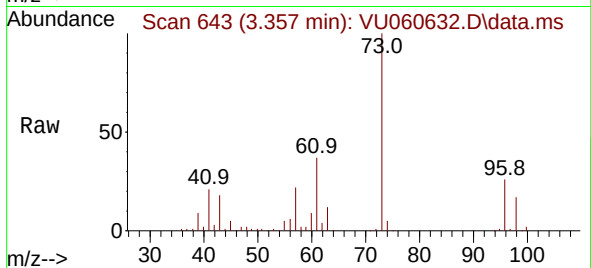
Tgt Ion: 73 Resp: 209750

Ion Ratio Lower Upper

73 100

43 17.6 15.8 23.6

57 22.0 16.8 25.2



#18

trans-1,2-Dichloroethene

Concen: 5.743 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

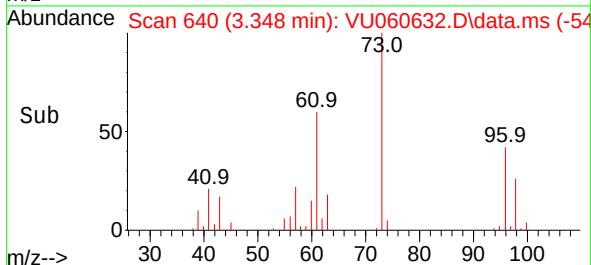
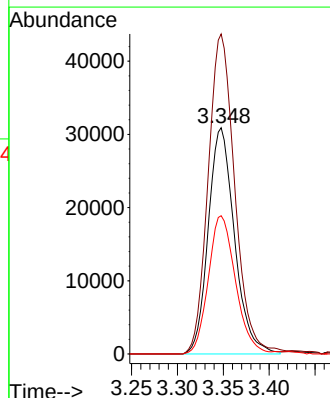
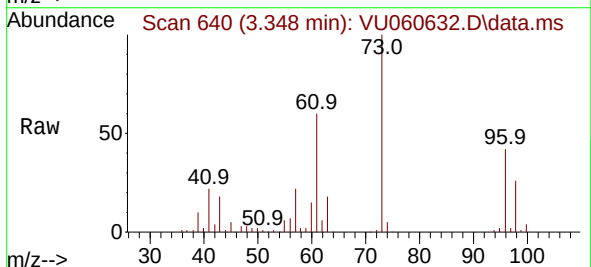
Tgt Ion: 96 Resp: 61533

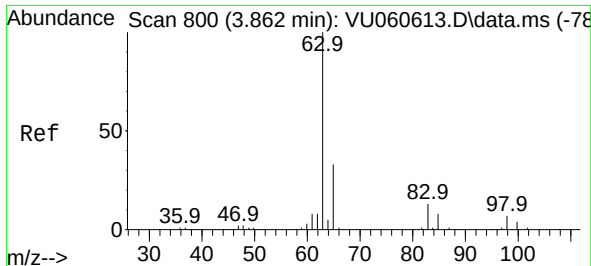
Ion Ratio Lower Upper

96 100

61 141.5 99.2 184.2

98 61.1 44.0 81.8





#19

1,1-Dichloroethane

Concen: 21.298 ug/L

RT: 3.859 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :

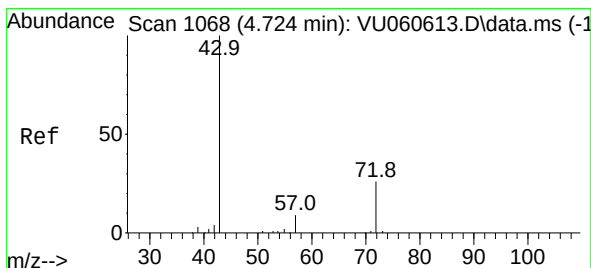
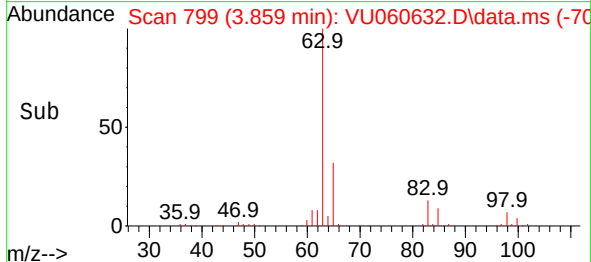
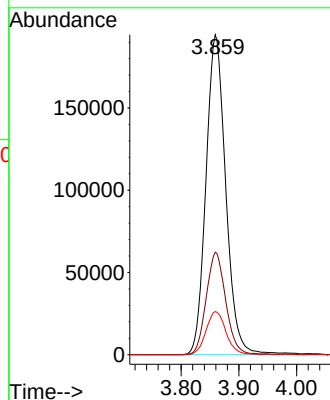
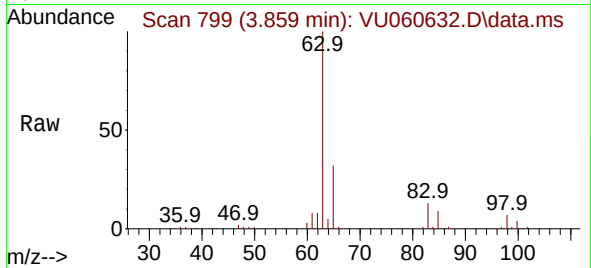
Tgt Ion: 63 Resp: 462418

Ion Ratio Lower Upper

63 100

65 32.0 20.5 38.1

83 13.5 9.2 17.2



#21

2-Butanone

Concen: 63.146 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. -0.010 min

Lab File: VU060632.D

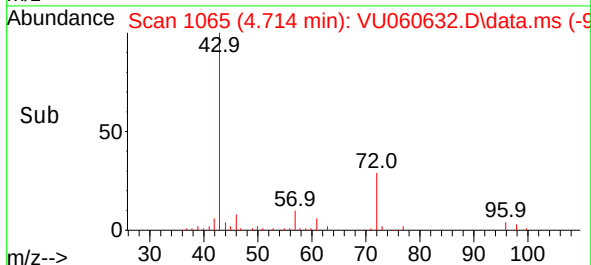
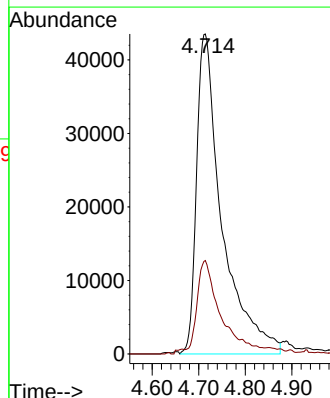
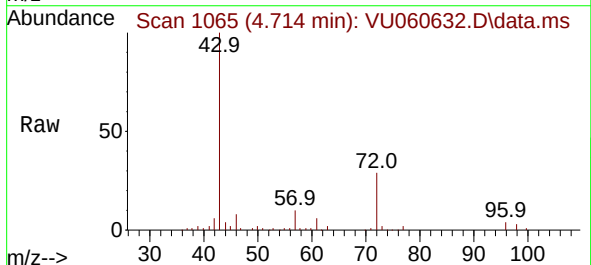
Acq: 05 Sep 2024 17:57

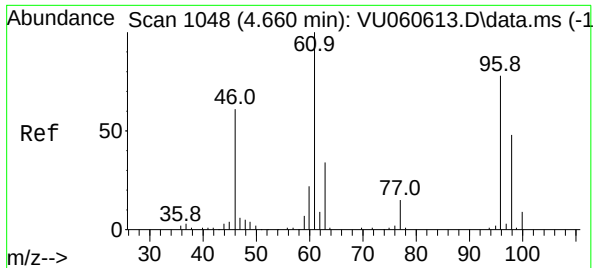
Tgt Ion: 43 Resp: 164803

Ion Ratio Lower Upper

43 100

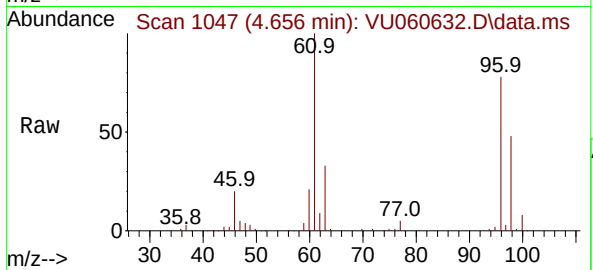
72 25.1 14.0 42.0





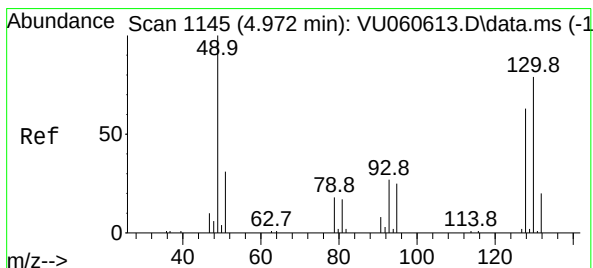
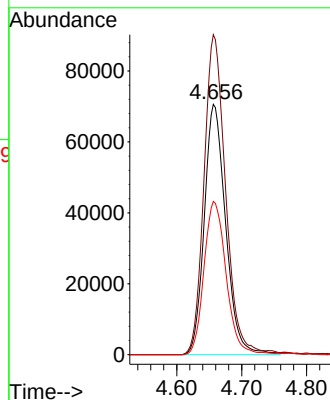
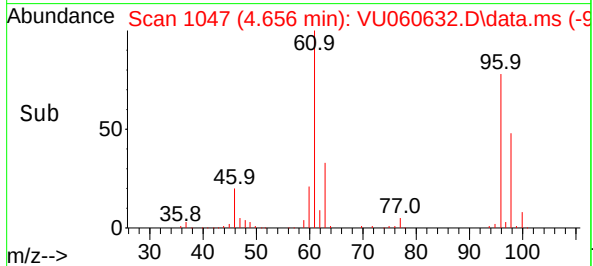
#22
 cis-1,2-Dichloroethene
 Concen: 13.572 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060632.D
 Acq: 05 Sep 2024 17:57

Instrument :
 MSVOA_U
 ClientSampleId :

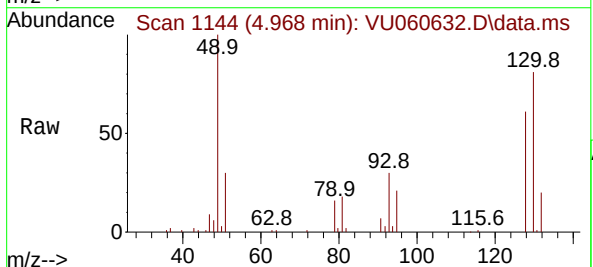


Tgt Ion: 96 Resp: 162032

Ion	Ratio	Lower	Upper
96	100		
61	127.8	92.9	172.5
98	61.2	45.0	83.6

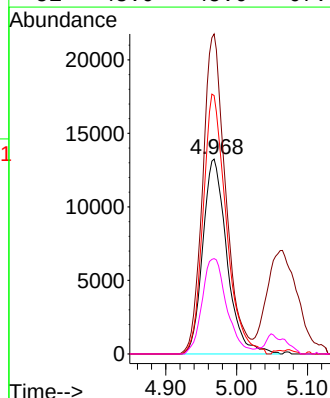
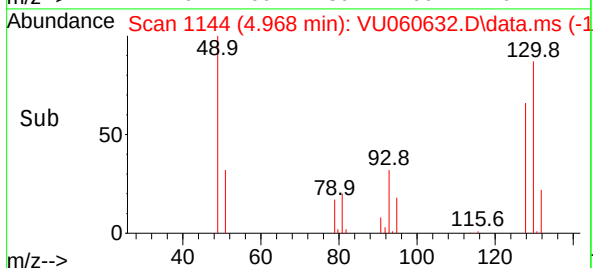


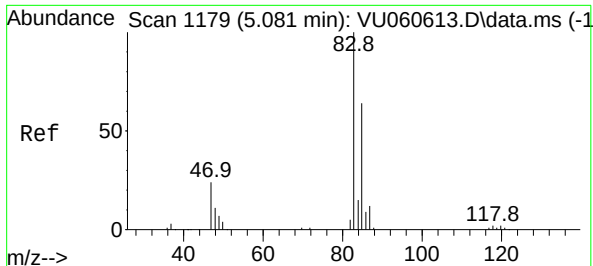
#23
 Bromochloromethane
 Concen: 5.763 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU060632.D
 Acq: 05 Sep 2024 17:57



Tgt Ion: 128 Resp: 31272

Ion	Ratio	Lower	Upper
128	100		
49	164.3	108.1	200.7
130	132.6	93.1	172.9
51	48.9	45.0	67.4

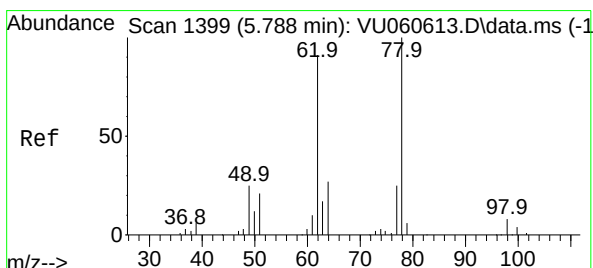
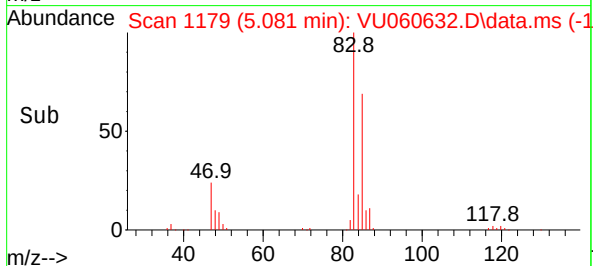
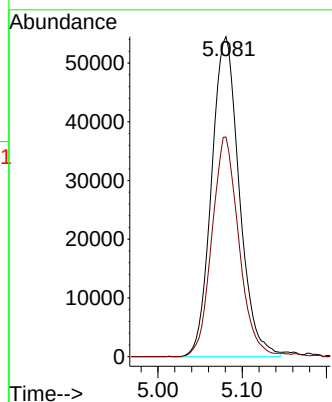
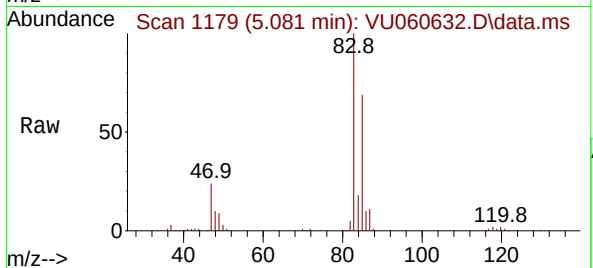




#25
Chloroform
Concen: 5.419 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

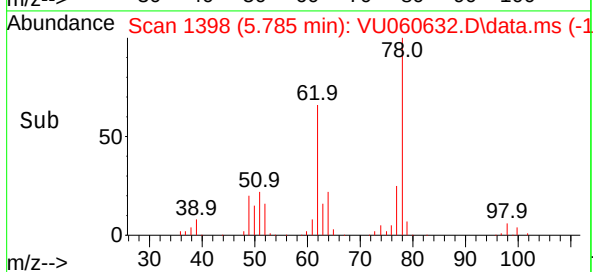
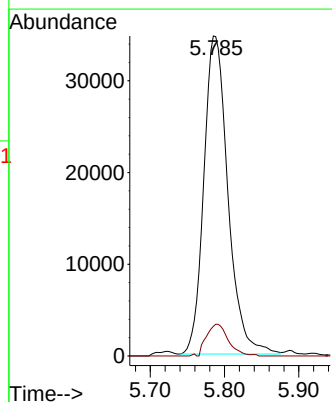
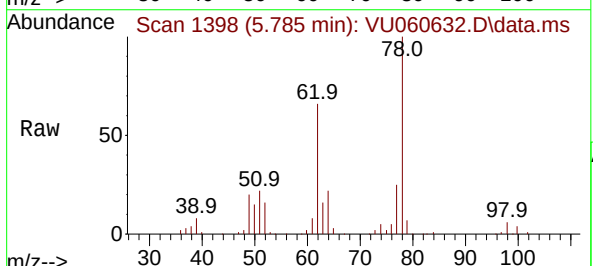
Instrument :
MSVOA_U
ClientSampleId :

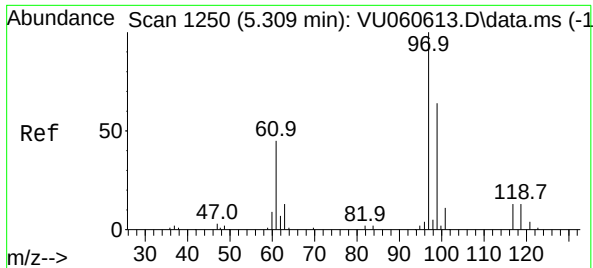
Tgt Ion: 83 Resp: 124514
Ion Ratio Lower Upper
83 100
85 68.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.087 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion: 62 Resp: 78449
Ion Ratio Lower Upper
62 100
98 9.3 7.0 10.4

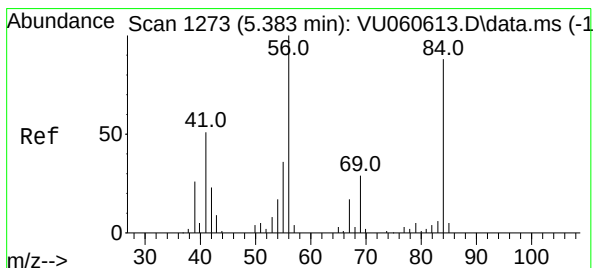
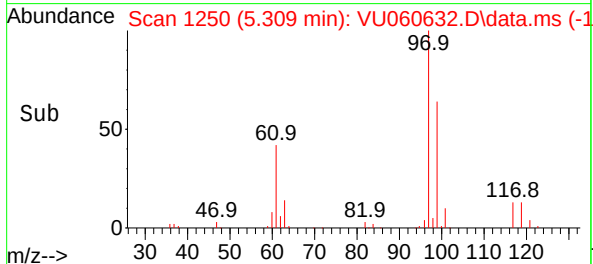
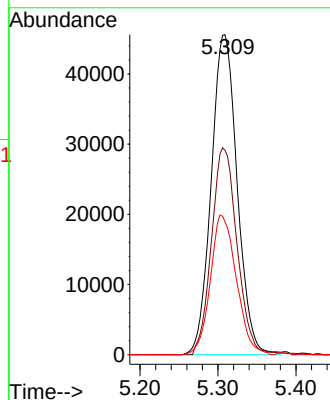
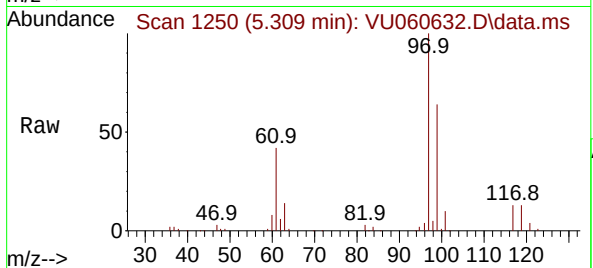




#29
1,1,1-Trichloroethane
Concen: 5.205 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

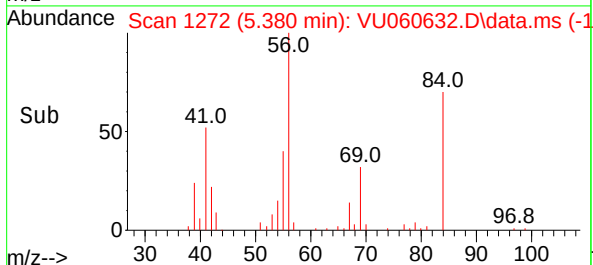
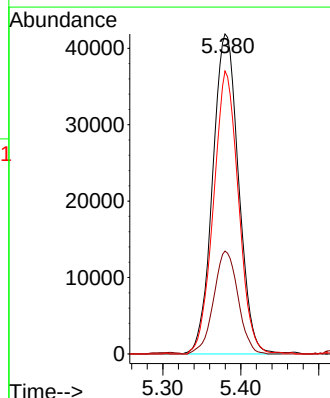
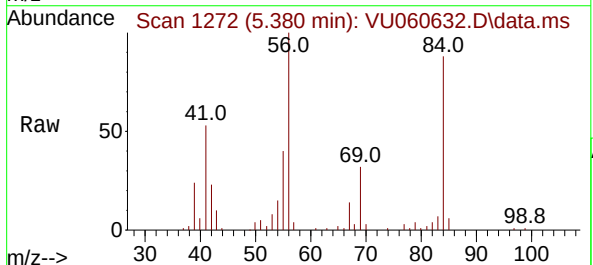
Instrument :
MSVOA_U
ClientSampleId :

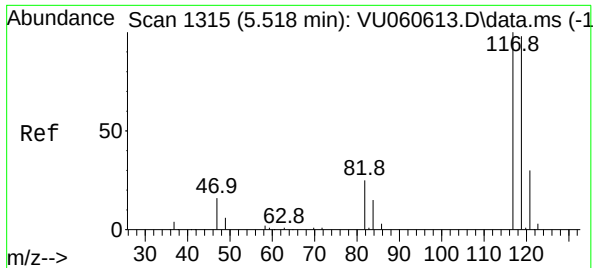
Tgt Ion: 97 Resp: 105549
Ion Ratio Lower Upper
97 100
99 64.0 49.7 74.5
61 43.7 35.4 53.2



#30
Cyclohexane
Concen: 5.761 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion: 56 Resp: 96712
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 85.1 69.7 104.5

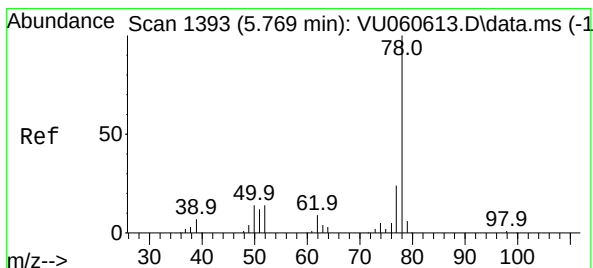
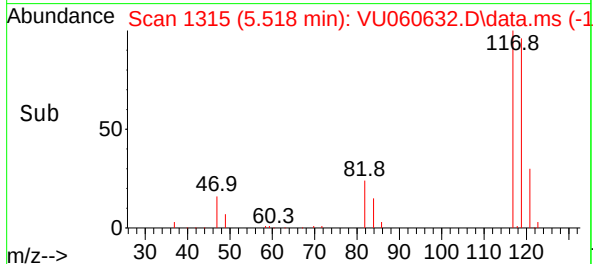
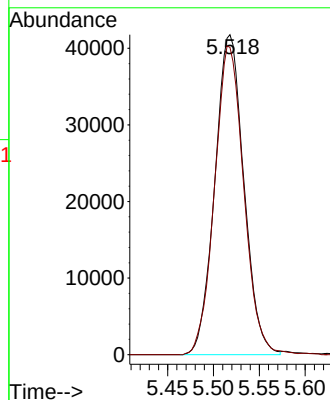
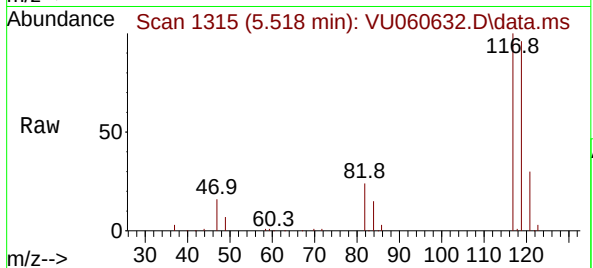




#31
Carbon tetrachloride
Concen: 4.902 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

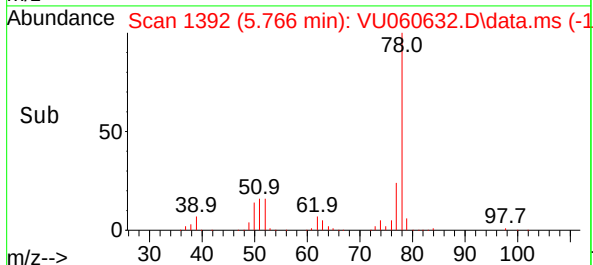
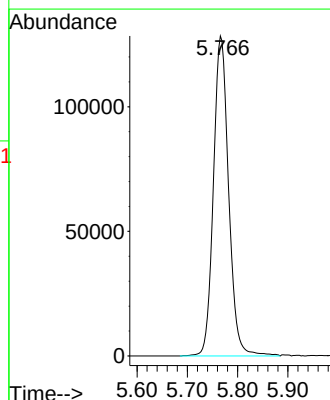
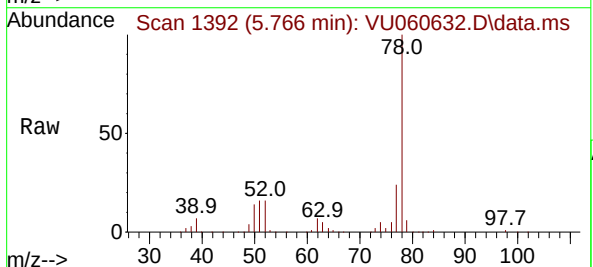
Instrument :
MSVOA_U
ClientSampleId :

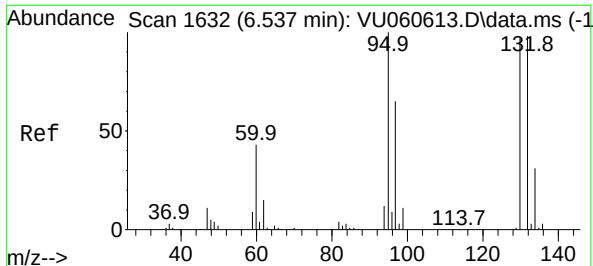
Tgt Ion:117 Resp: 91869
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6



#33
Benzene
Concen: 5.751 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion: 78 Resp: 270072





#34

Trichloroethene

Concen: 5.885 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 74916

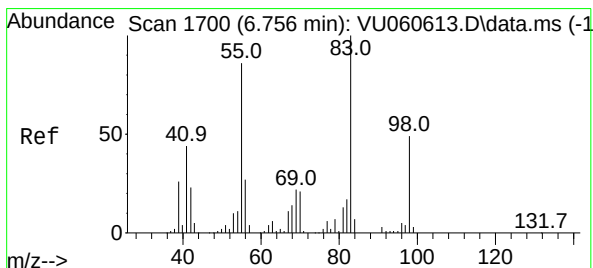
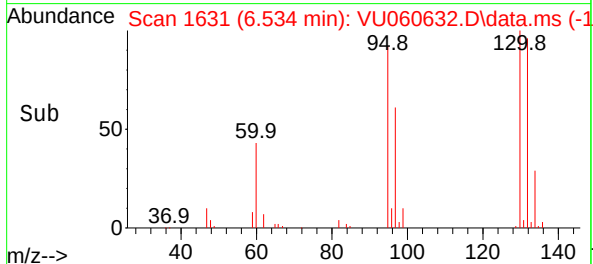
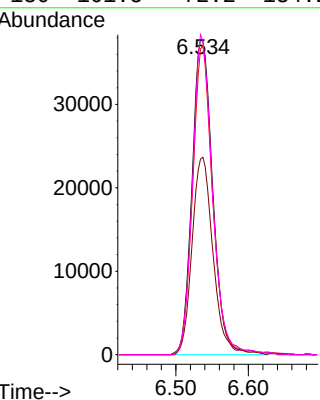
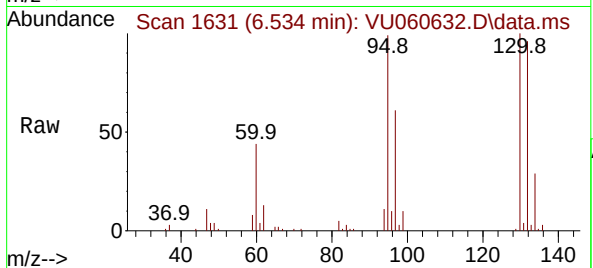
Ion Ratio Lower Upper

95 100

97 62.1 45.8 85.2

132 97.0 67.4 125.2

130 101.5 72.2 134.2



#35

Methylcyclohexane

Concen: 5.820 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

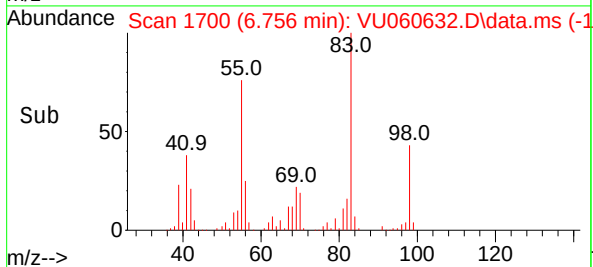
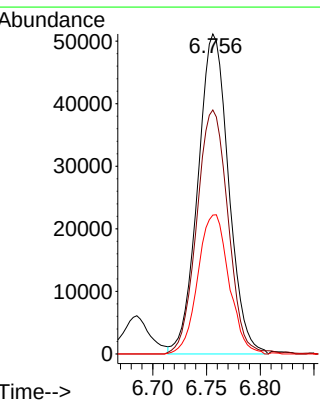
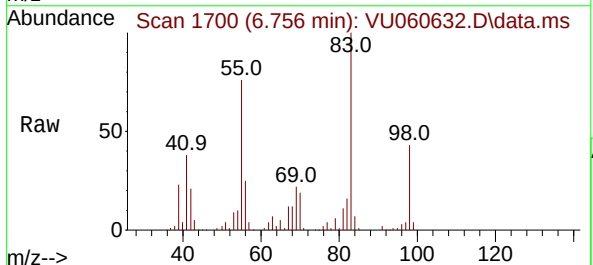
Tgt Ion: 83 Resp: 101643

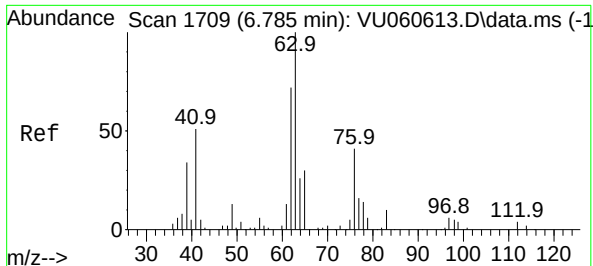
Ion Ratio Lower Upper

83 100

55 77.6 65.8 98.8

98 44.0 37.8 56.8

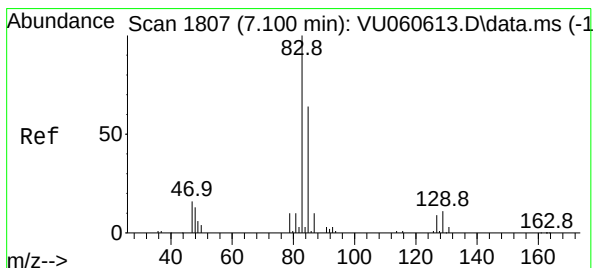
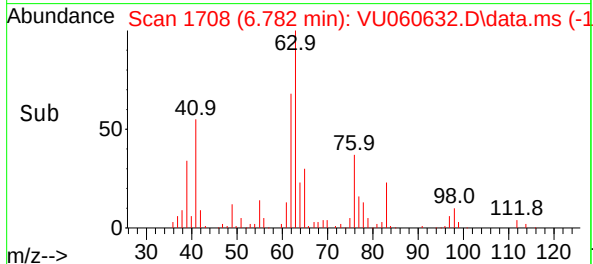
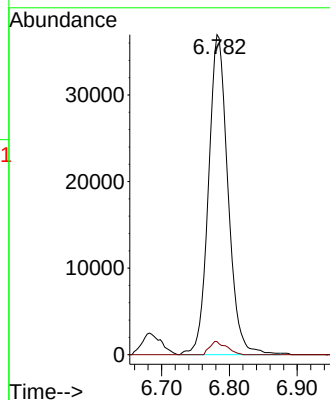
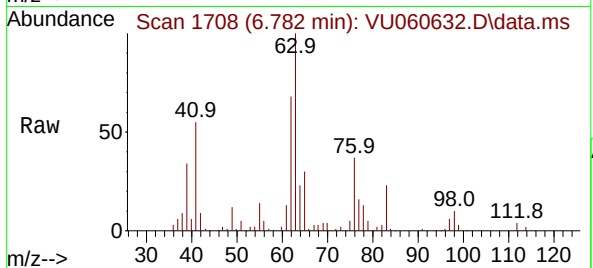




#37
1,2-Dichloropropane
Concen: 6.135 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

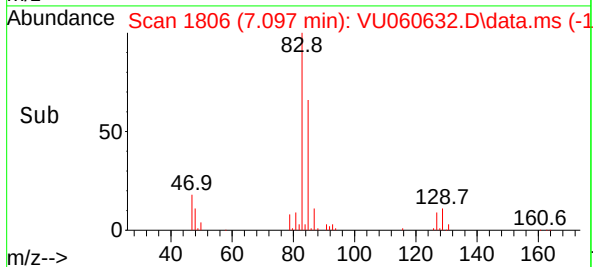
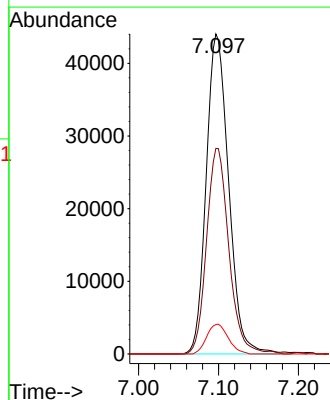
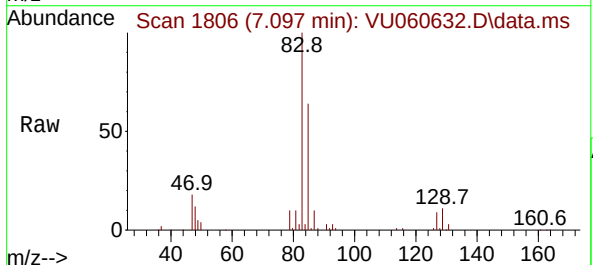
Instrument :
MSVOA_U
ClientSampleId :

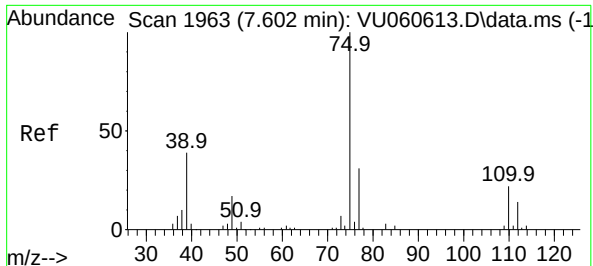
Tgt Ion: 63 Resp: 73820
Ion Ratio Lower Upper
63 100
112 3.6 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.423 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion: 83 Resp: 85746
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
127 9.2 7.3 10.9

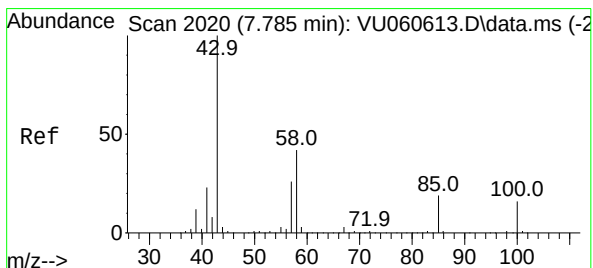
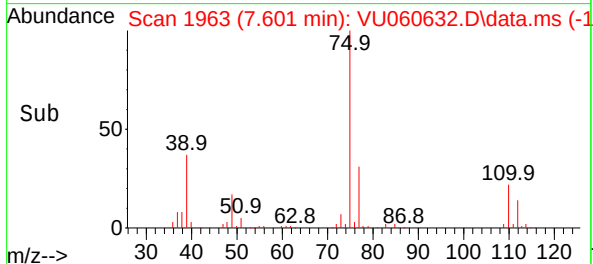
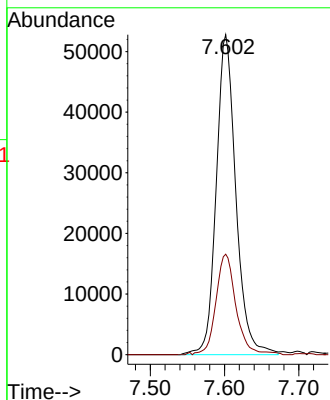
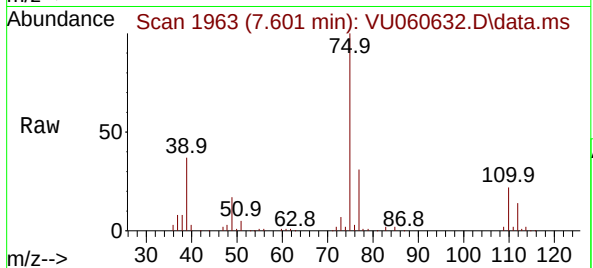




#39
 cis-1,3-Dichloropropene
 Concen: 5.498 ug/L
 RT: 7.601 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060632.D
 Acq: 05 Sep 2024 17:57

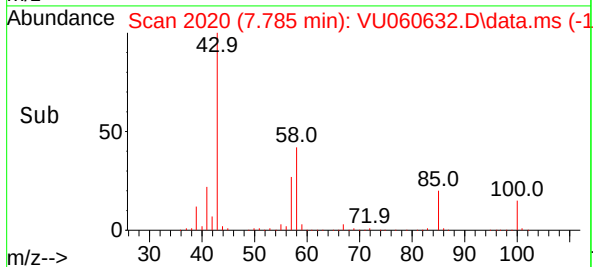
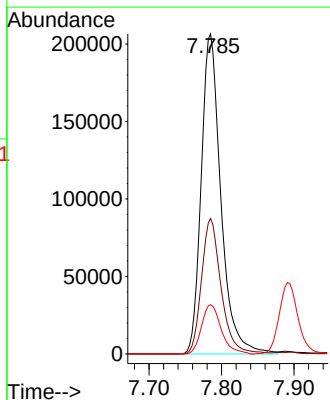
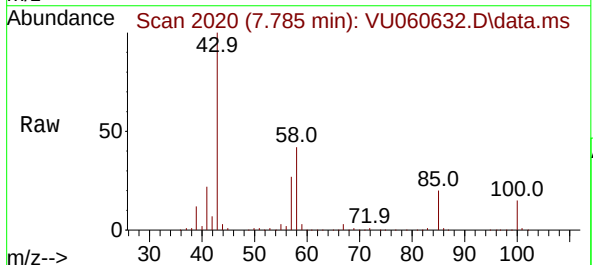
Instrument :
 MSVOA_U
 ClientSampleId :

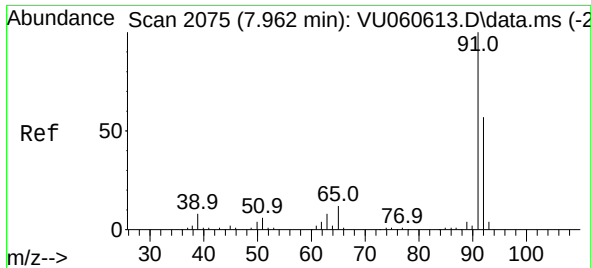
Tgt Ion: 75 Resp: 97002
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 62.110 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060632.D
 Acq: 05 Sep 2024 17:57

Tgt Ion: 43 Resp: 389223
 Ion Ratio Lower Upper
 43 100
 58 42.0 32.5 48.7
 100 15.4 12.5 18.7





#42

Toluene

Concen: 5.793 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

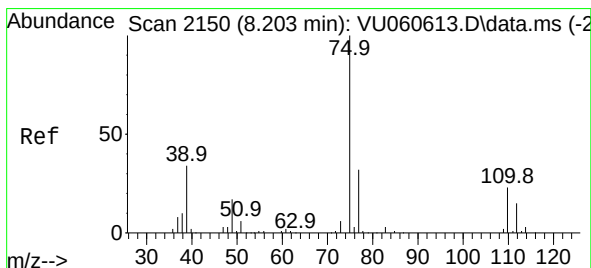
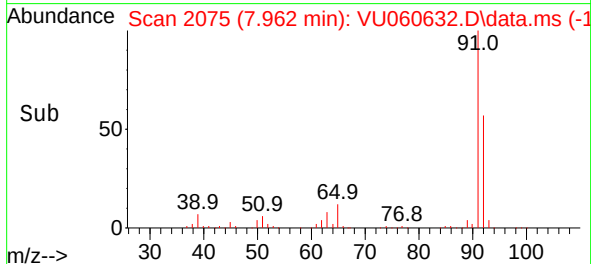
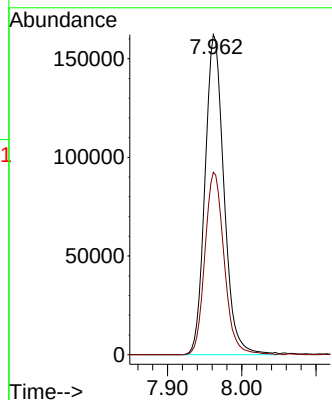
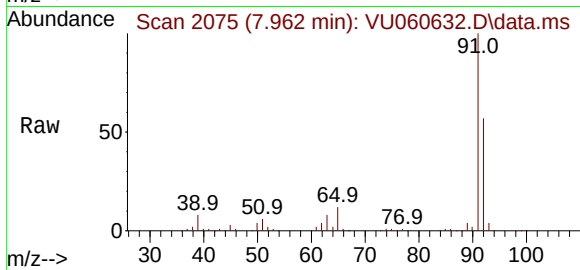
ClientSampleId :

Tgt Ion: 91 Resp: 287486

Ion Ratio Lower Upper

91 100

92 57.0 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.675 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060632.D

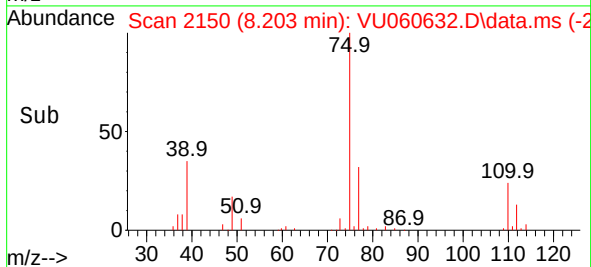
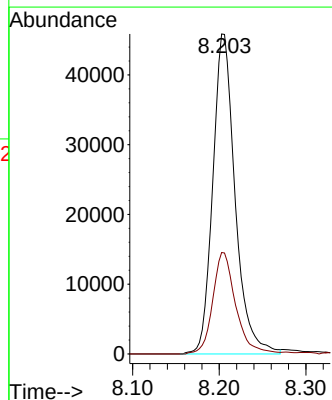
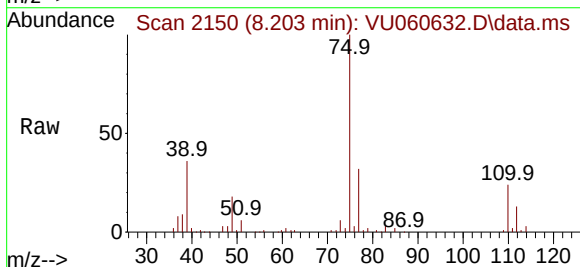
Acq: 05 Sep 2024 17:57

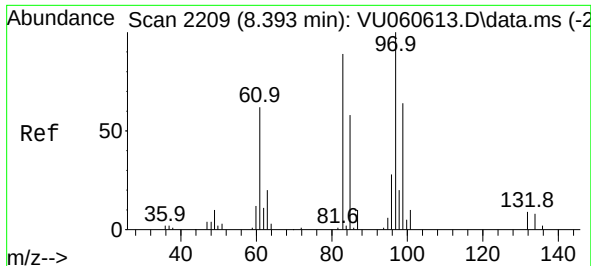
Tgt Ion: 75 Resp: 82190

Ion Ratio Lower Upper

75 100

77 31.7 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 5.859 ug/L

RT: 8.392 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 51069

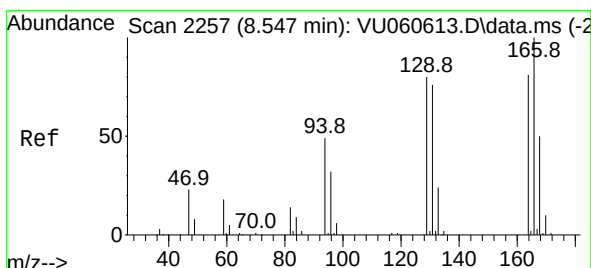
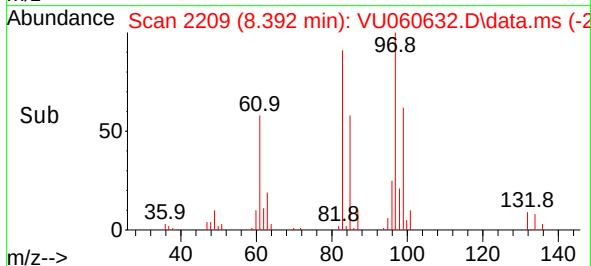
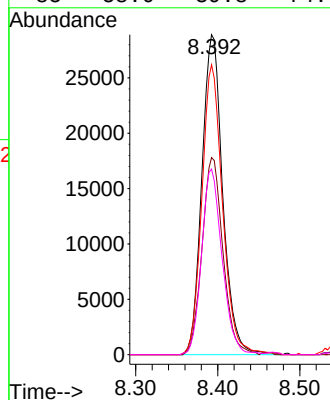
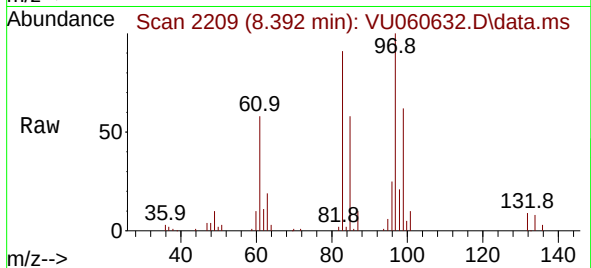
Ion Ratio Lower Upper

97 100

99 61.6 42.4 78.8

83 90.6 64.0 119.0

85 58.0 39.8 74.0



#47

Tetrachloroethene

Concen: 5.170 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Tgt Ion:164 Resp: 53935

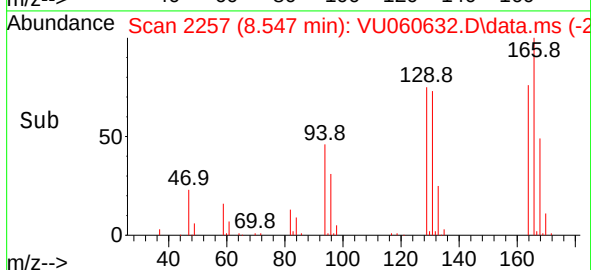
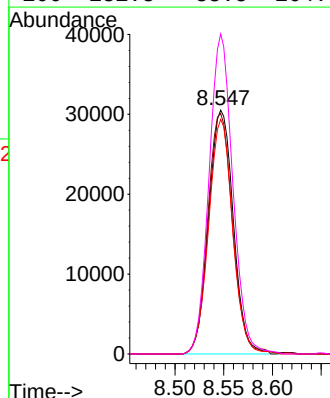
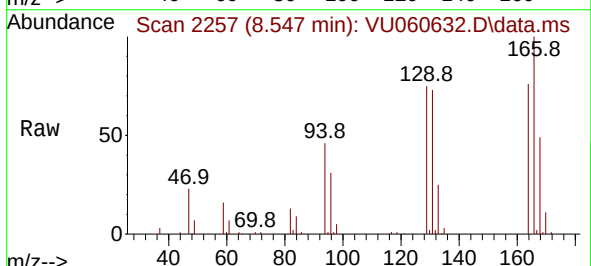
Ion Ratio Lower Upper

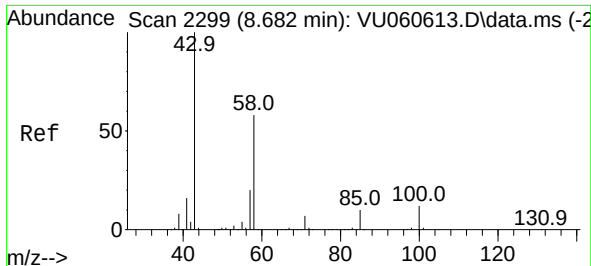
164 100

129 98.7 67.8 125.8

131 96.2 67.2 124.8

166 131.3 88.5 164.4





#48

2-Hexanone

Concen: 60.126 ug/L

RT: 8.679 min Scan# 2299

Delta R.T. -0.003 min

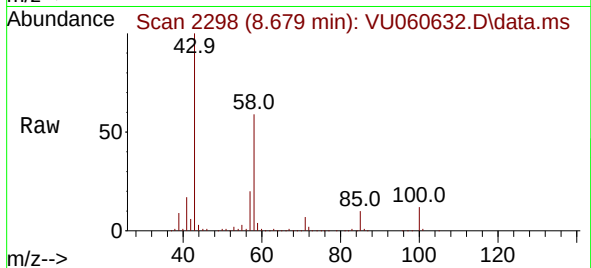
Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 281986

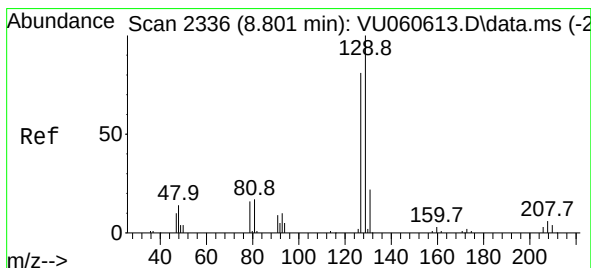
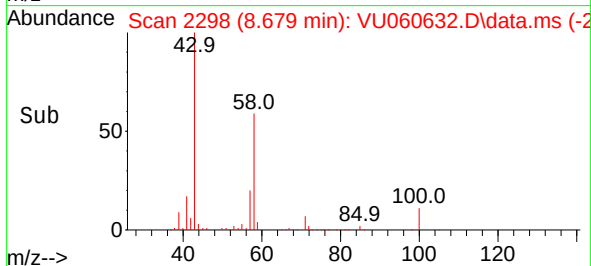
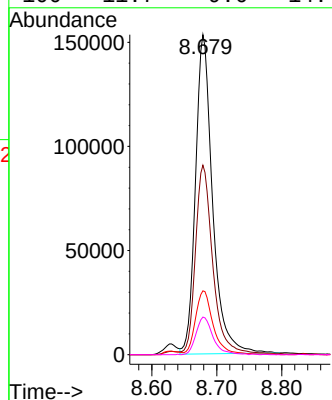
Ion Ratio Lower Upper

43 100

58 58.6 45.6 68.4

57 20.4 15.6 23.4

100 11.7 9.6 14.4



#49

Dibromochloromethane

Concen: 5.641 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060632.D

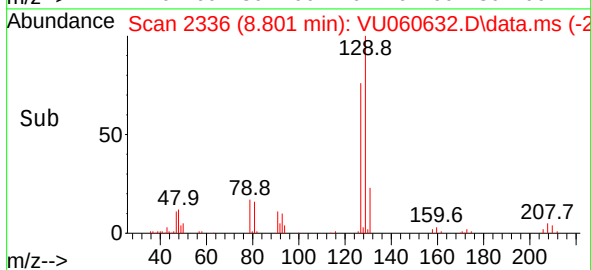
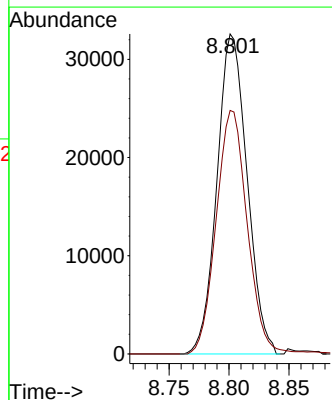
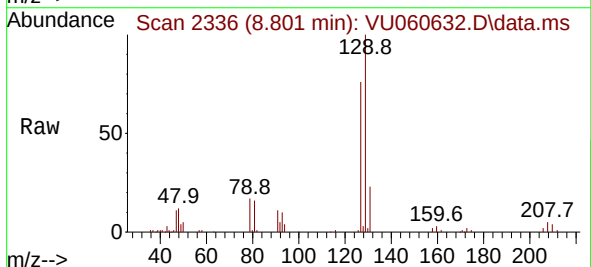
Acq: 05 Sep 2024 17:57

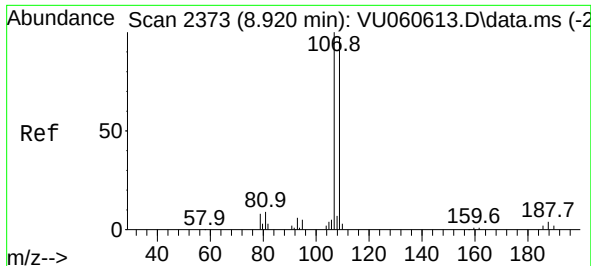
Tgt Ion: 129 Resp: 56929

Ion Ratio Lower Upper

129 100

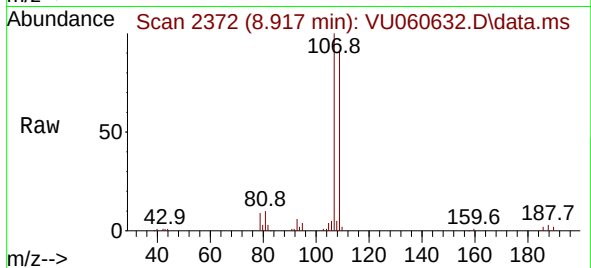
127 76.1 53.0 98.4



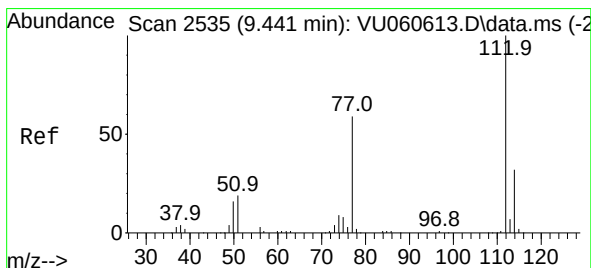
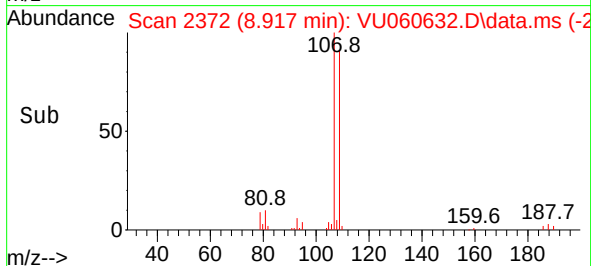
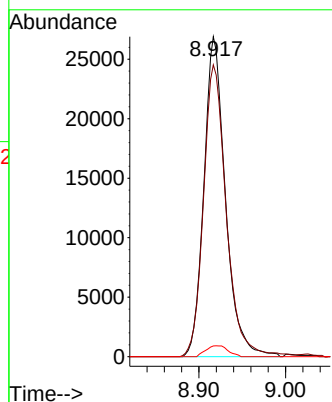


#50
1,2-Dibromoethane
Concen: 5.809 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Instrument :
MSVOA_U
ClientSampleId :

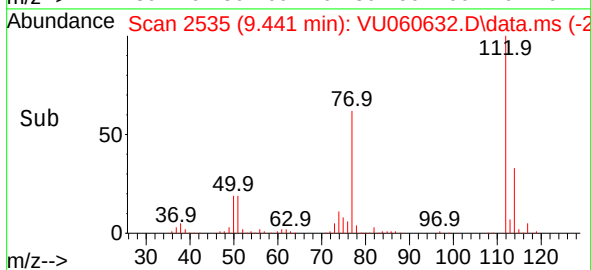
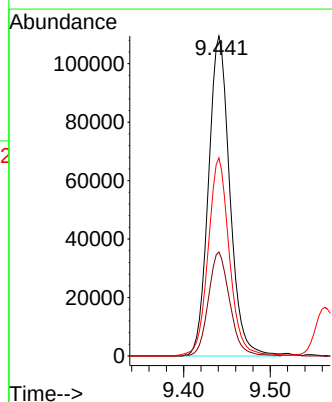
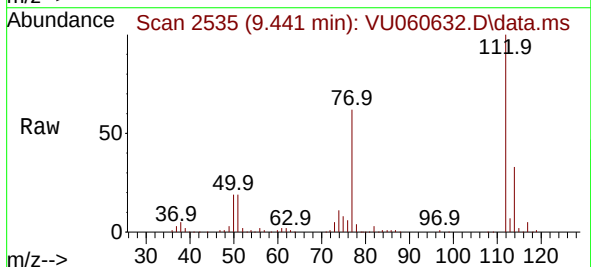


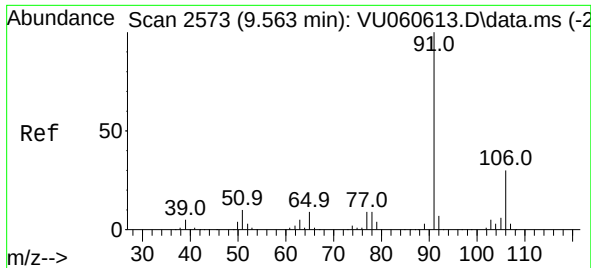
Tgt Ion:107 Resp: 46482
Ion Ratio Lower Upper
107 100
109 91.2 68.5 127.3
188 3.4 3.9 5.9#



#51
Chlorobenzene
Concen: 5.843 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion:112 Resp: 187697
Ion Ratio Lower Upper
112 100
114 32.5 21.9 40.7
77 61.9 47.4 71.2

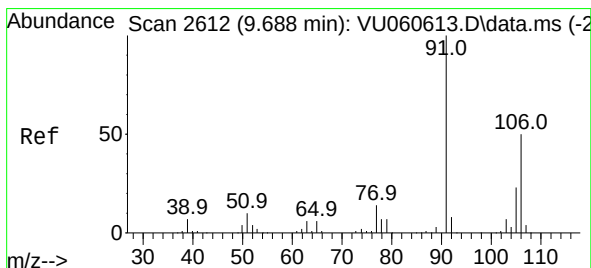
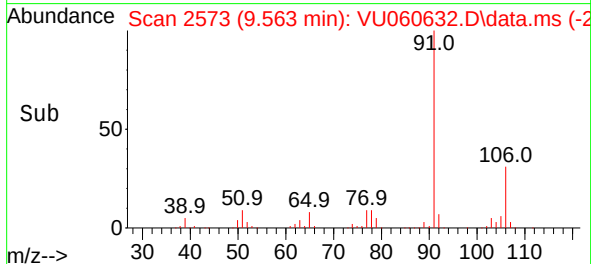
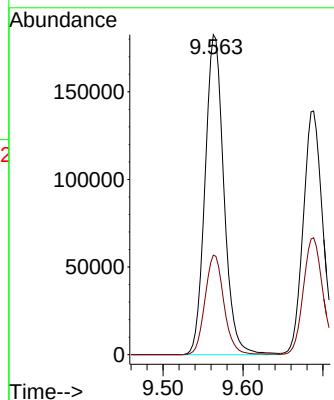
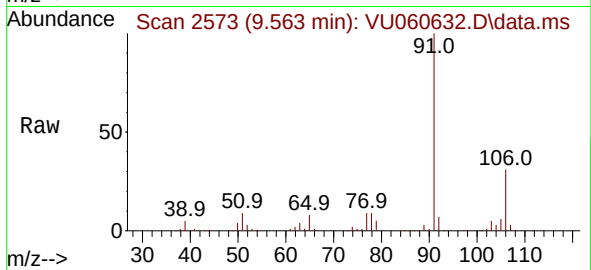




#52
Ethylbenzene
Concen: 5.707 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

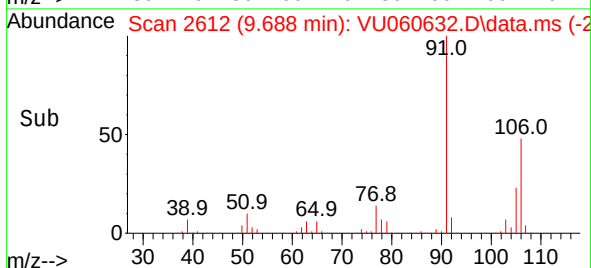
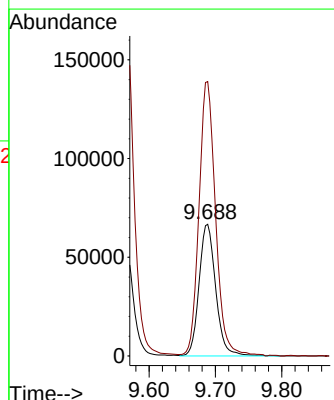
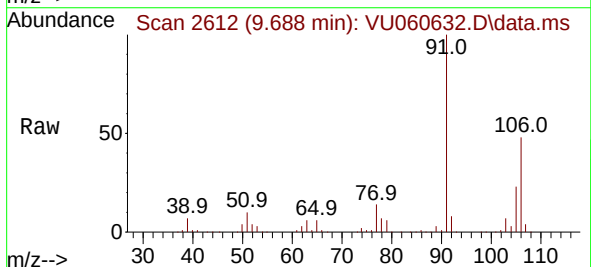
Instrument :
MSVOA_U
ClientSampleId :

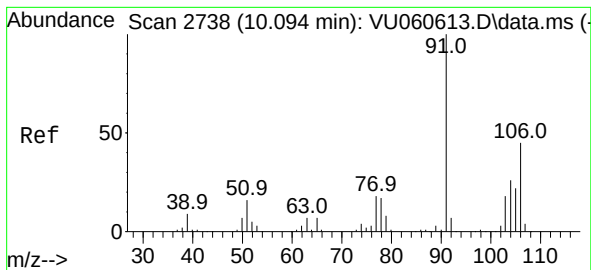
Tgt Ion: 91 Resp: 300138
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 5.951 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion: 106 Resp: 116353
Ion Ratio Lower Upper
106 100
91 208.3 141.5 262.9





#54

o-Xylene

Concen: 5.498 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

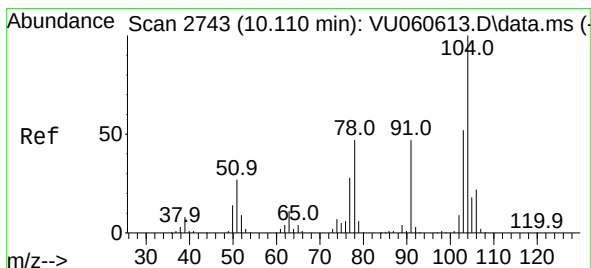
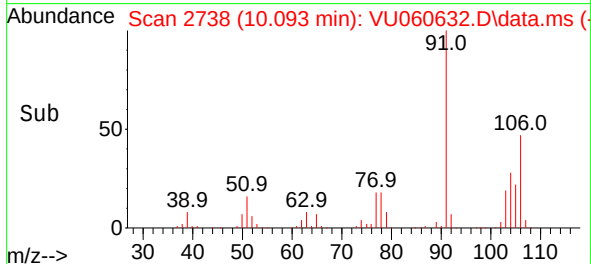
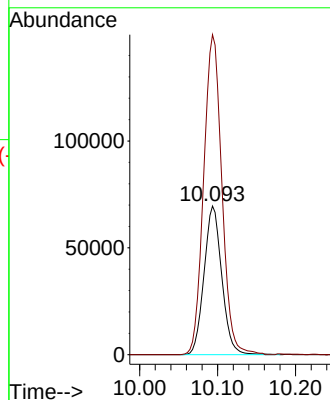
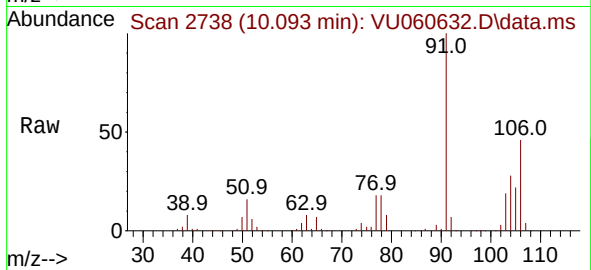
ClientSampleId :

Tgt Ion:106 Resp: 110038

Ion Ratio Lower Upper

106 100

91 215.3 151.1 280.7



#55

Styrene

Concen: 5.776 ug/L

RT: 10.109 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU060632.D

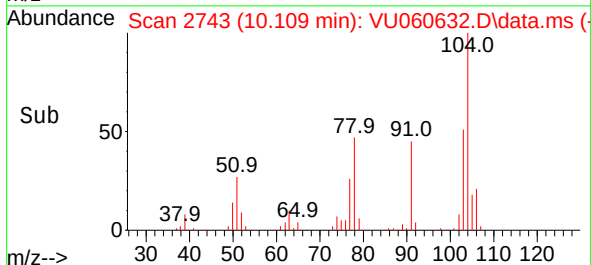
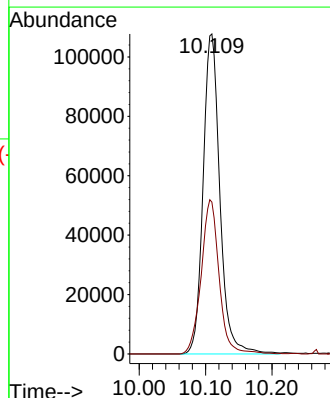
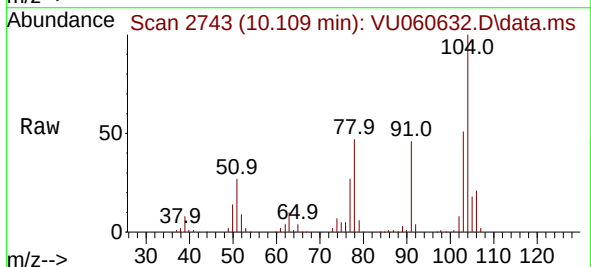
Acq: 05 Sep 2024 17:57

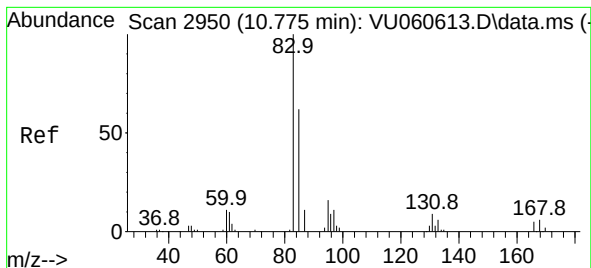
Tgt Ion:104 Resp: 189435

Ion Ratio Lower Upper

104 100

78 47.5 33.3 61.9

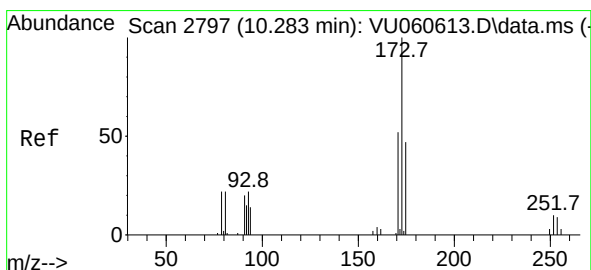
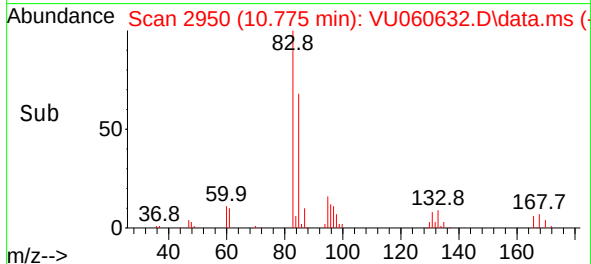
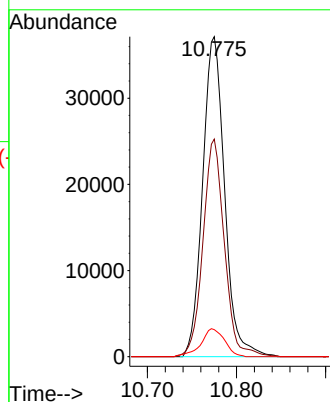
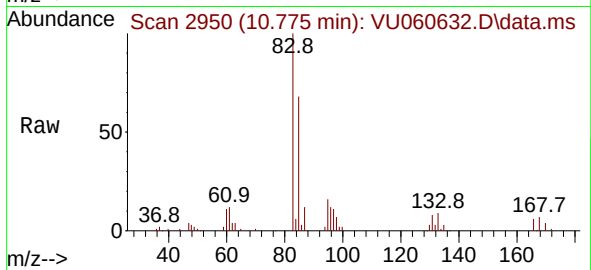




#57
1,1,2,2-Tetrachloroethane
Concen: 5.712 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

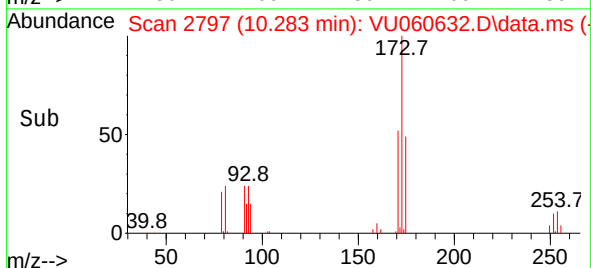
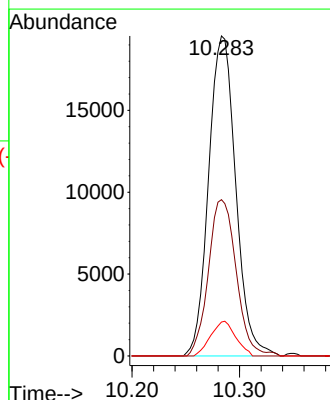
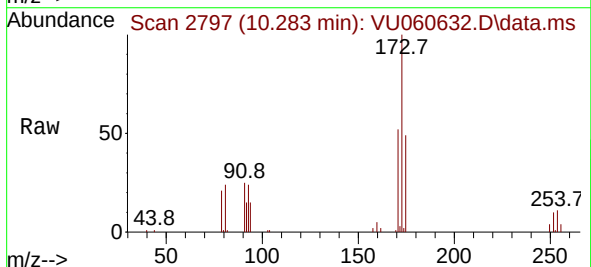
Instrument :
MSVOA_U
ClientSampleId :

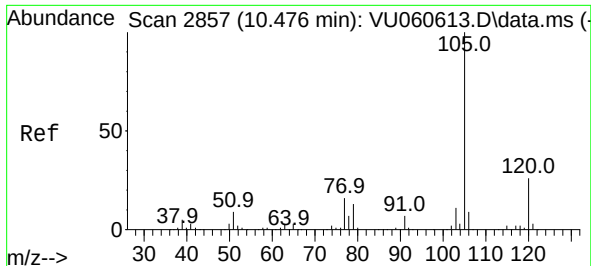
Tgt Ion: 83 Resp: 63574
Ion Ratio Lower Upper
83 100
85 68.0 43.3 80.5
131 8.4 8.9 13.3#



#59
Bromoform
Concen: 5.375 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion:173 Resp: 34245
Ion Ratio Lower Upper
173 100
175 50.1 39.8 59.8
254 10.0 8.2 12.2

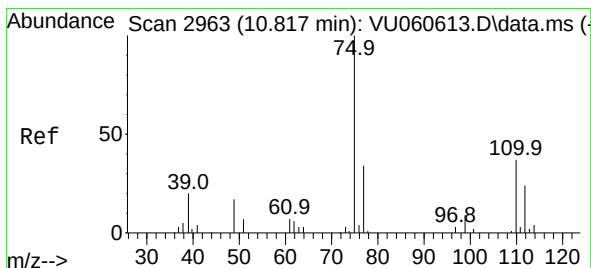
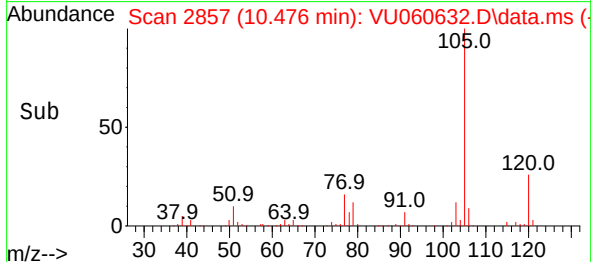
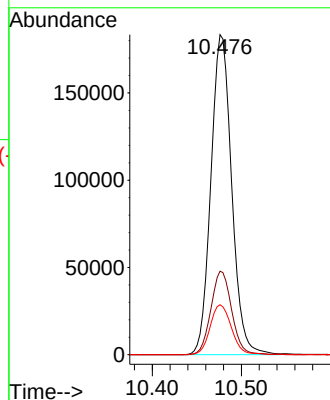
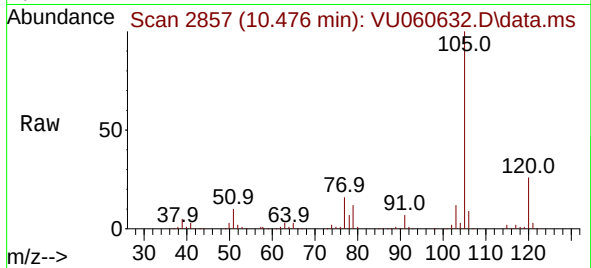




#60
Isopropylbenzene
Concen: 5.736 ug/L
RT: 10.476 min Scan# 297069
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

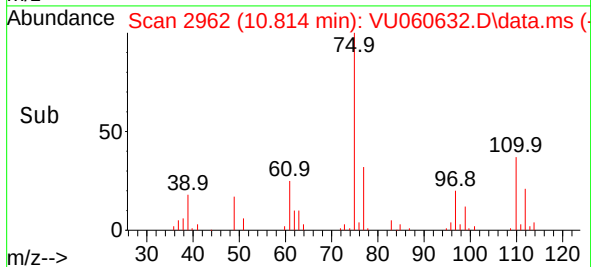
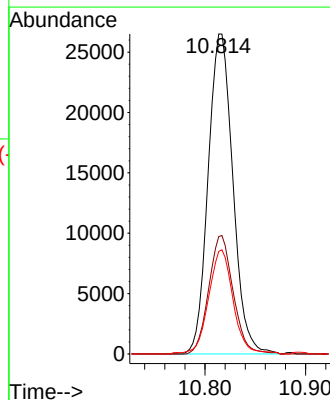
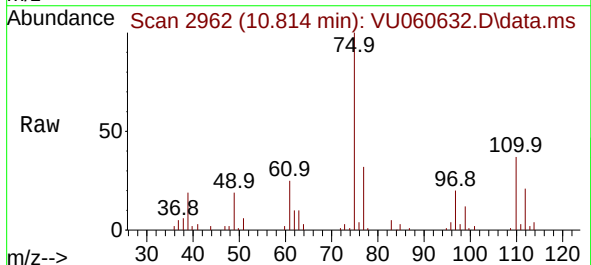
Instrument :
MSVOA_U
ClientSampleId :

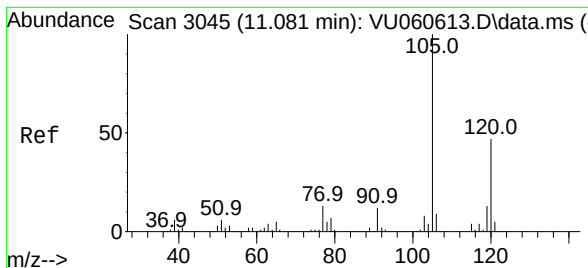
Tgt Ion:105 Resp: 297069
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 16.0 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 6.051 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

Tgt Ion: 75 Resp: 45250
Ion Ratio Lower Upper
75 100
110 36.5 30.2 45.4
77 32.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.982 ug/L

RT: 11.080 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

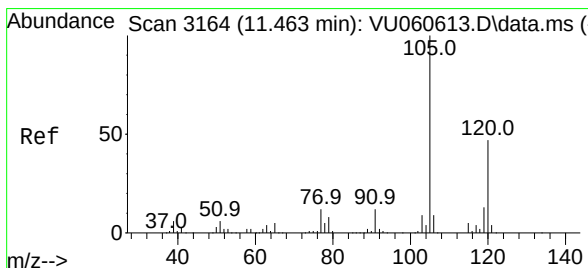
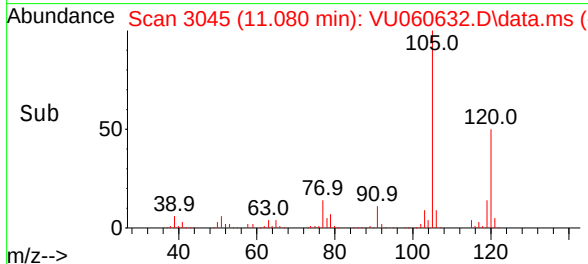
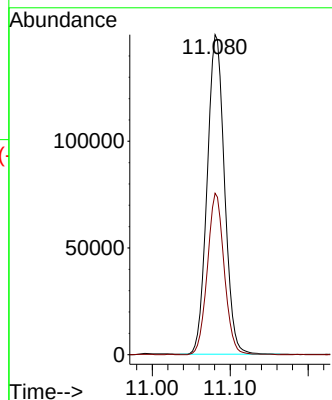
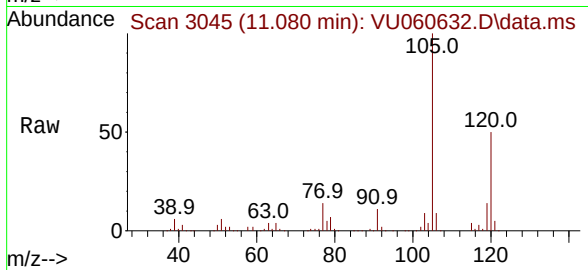
ClientSampleId :

Tgt Ion:105 Resp: 230920

Ion Ratio Lower Upper

105 100

120 49.3 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.940 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060632.D

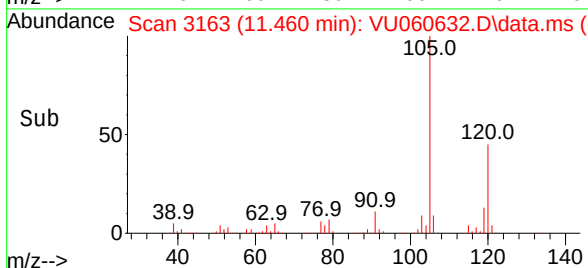
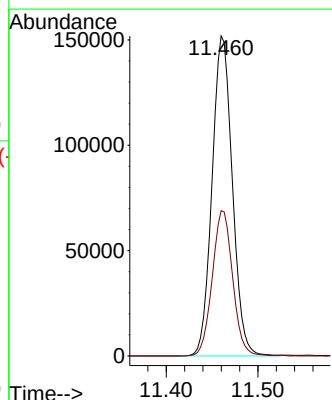
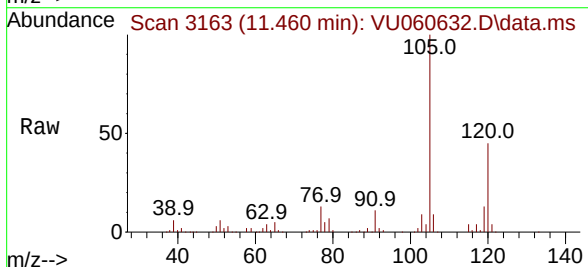
Acq: 05 Sep 2024 17:57

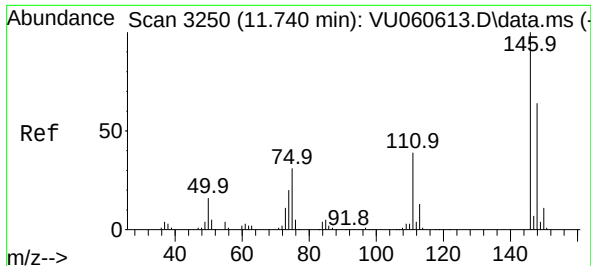
Tgt Ion:105 Resp: 233887

Ion Ratio Lower Upper

105 100

120 45.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.689 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

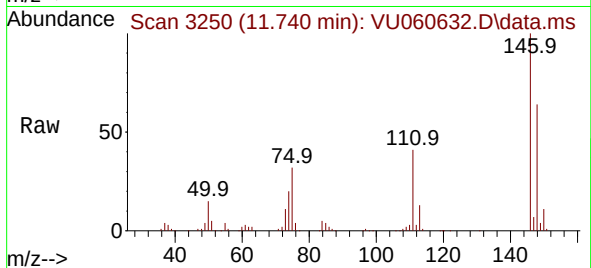
Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :



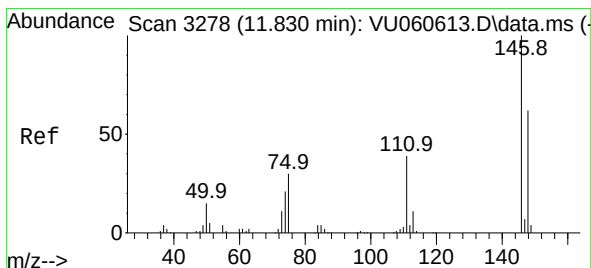
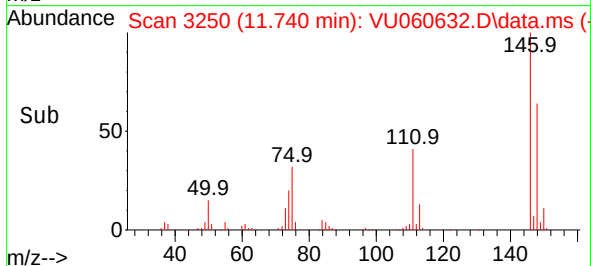
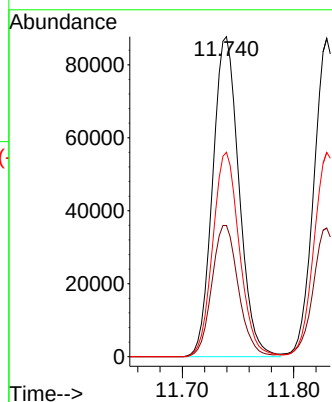
Tgt Ion:146 Resp: 144207

Ion Ratio Lower Upper

146 100

111 41.0 27.9 51.9

148 63.9 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.538 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

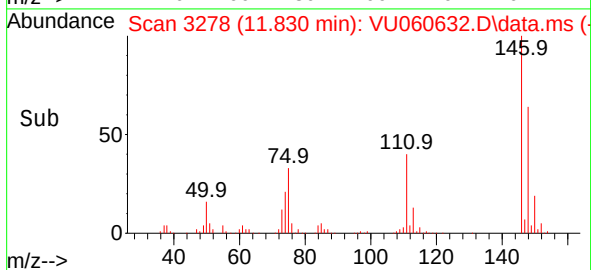
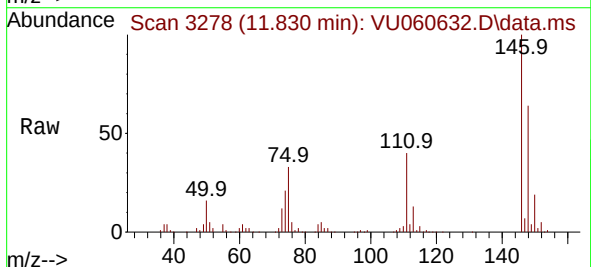
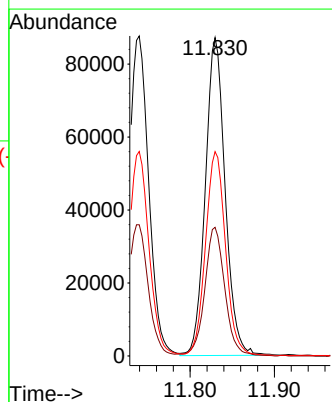
Tgt Ion:146 Resp: 142449

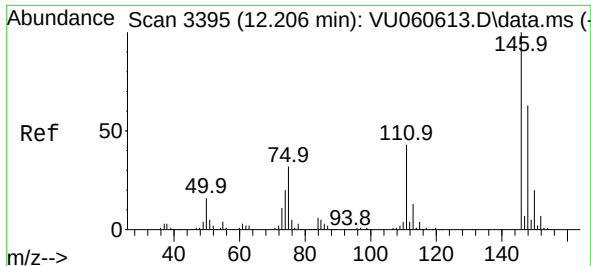
Ion Ratio Lower Upper

146 100

111 40.4 27.2 50.4

148 64.2 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.934 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :

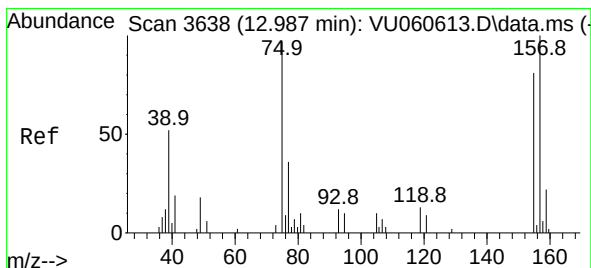
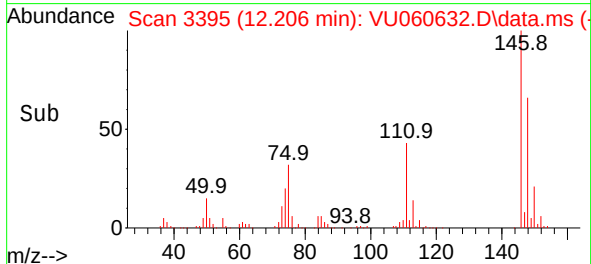
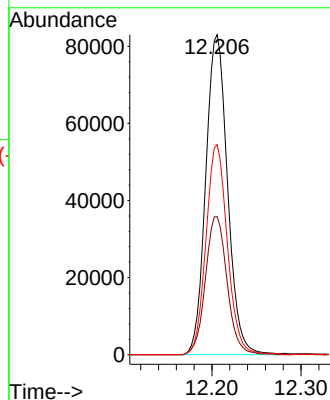
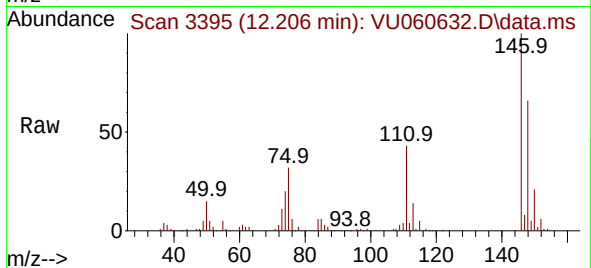
Tgt Ion:146 Resp: 141104

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 65.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.741 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

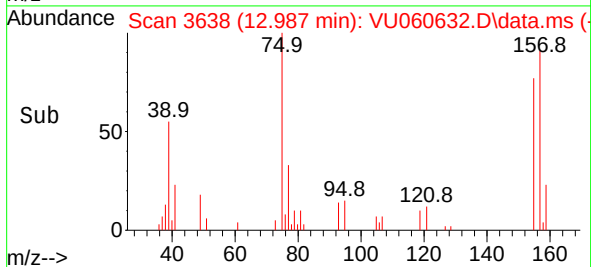
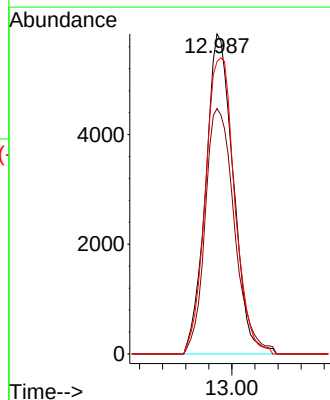
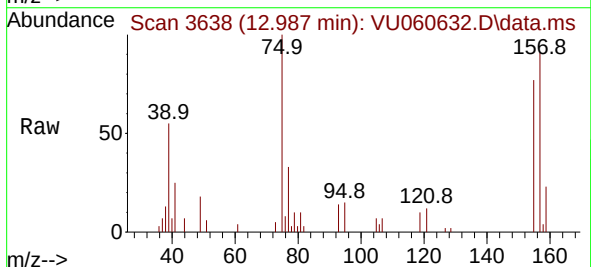
Tgt Ion: 75 Resp: 9690

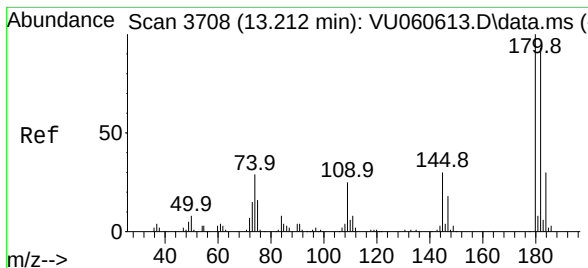
Ion Ratio Lower Upper

75 100

155 76.7 62.7 94.1

157 91.3 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 5.435 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

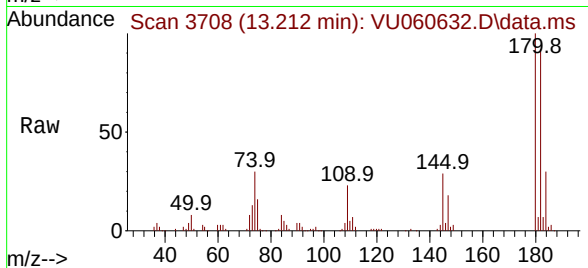
Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 106228

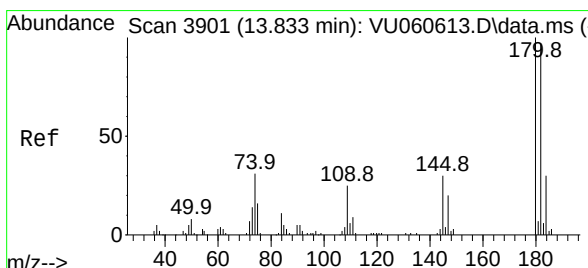
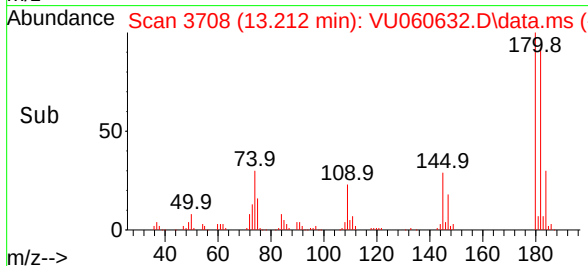
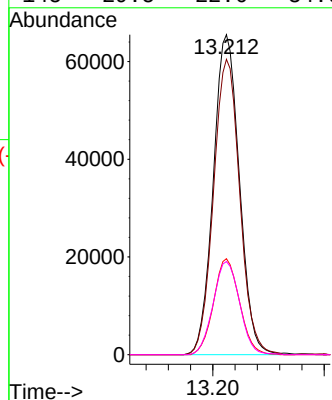
Ion Ratio Lower Upper

180 100

182 93.1 77.6 116.4

184 29.9 24.9 37.3

145 29.5 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 5.208 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060632.D

Acq: 05 Sep 2024 17:57

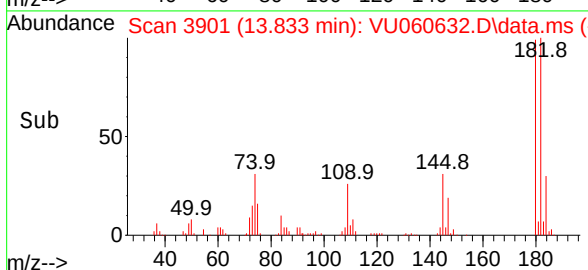
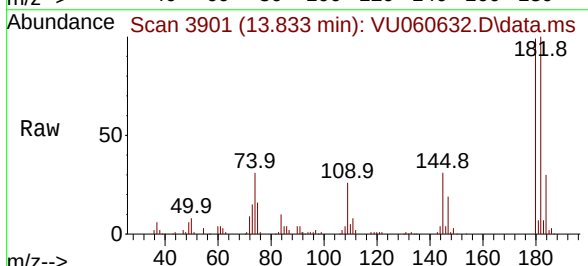
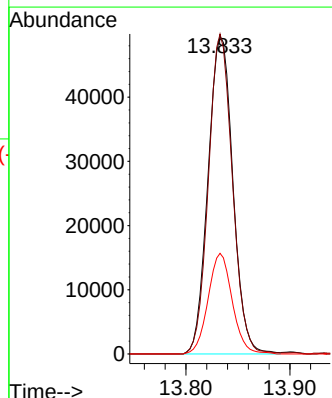
Tgt Ion:180 Resp: 82123

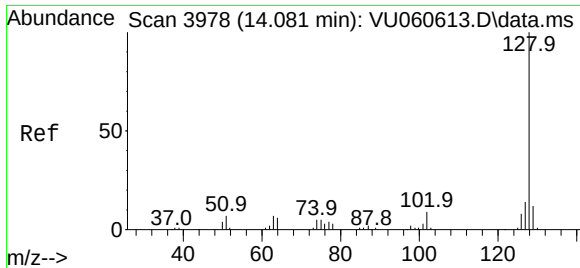
Ion Ratio Lower Upper

180 100

182 97.1 77.3 115.9

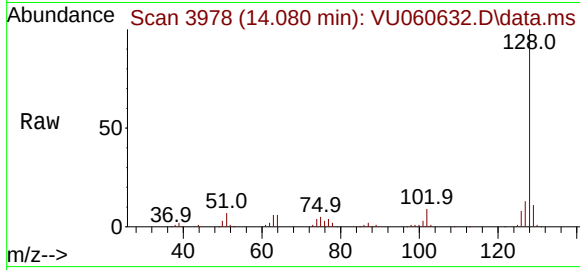
145 30.7 23.9 35.9



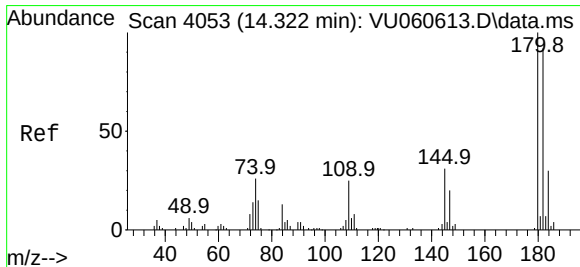
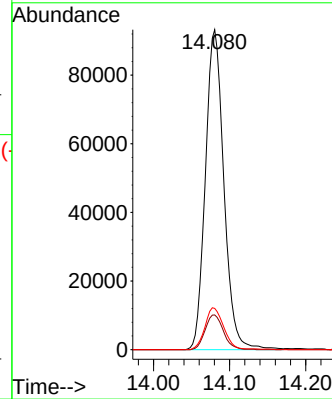
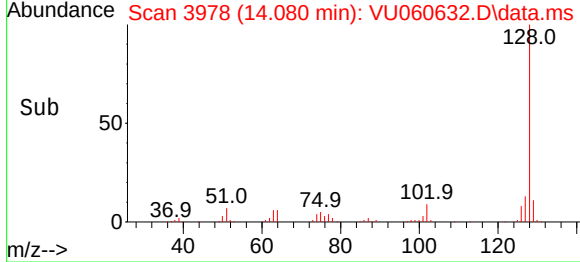


#71
Naphthalene
Concen: 7.817 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57

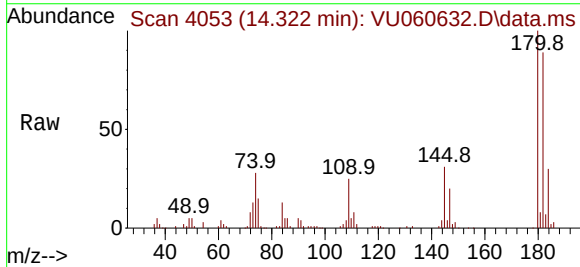
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 157469
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.745 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060632.D
Acq: 05 Sep 2024 17:57



Tgt Ion:180 Resp: 75818
Ion Ratio Lower Upper
180 100
182 92.1 76.0 114.0
145 30.8 24.3 36.5

