

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058403.D
 Acq On : 05 Apr 2024 06:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 06:24:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28547	4.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.907	69	24981	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.563	65	12991	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.631	46	63714	52.805	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	5.055	84	58449	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	27387	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.717	84	113883	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.682	67	35115	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	104216	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	10789	4.879	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	46833	51.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23447	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31979	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37331	5.179	ug/L	100
3) Chloromethane	1.515	50	46358	5.255	ug/L	98
5) Vinyl chloride	1.599	62	45990	5.220	ug/L	98
6) Bromomethane	1.853	94	21246	5.097	ug/L	100
8) Chloroethane	1.930	64	29643	5.326	ug/L	98
9) Trichlorofluoromethane	2.136	101	63148	5.428	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	37221	5.384	ug/L	98
12) 1,1-Dichloroethene	2.576	96	34390	5.611	ug/L	91
13) Acetone	2.650	43	49842	48.398	ug/L	98
14) Carbon disulfide	2.788	76	102052	5.242	ug/L	99
15) Methyl Acetate	2.952	43	14194	5.841	ug/L	98
16) Methylene chloride	3.039	84	41500	5.102	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	77715	5.368	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	35810	5.575	ug/L	99
19) 1,1-Dichloroethane	3.859	63	75748	5.403	ug/L	97
21) 2-Butanone	4.708	43	79563	51.689	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	38904	5.393	ug/L	97
23) Bromochloromethane	4.965	128	15712	5.528	ug/L	99
25) Chloroform	5.078	83	73987	5.452	ug/L	98

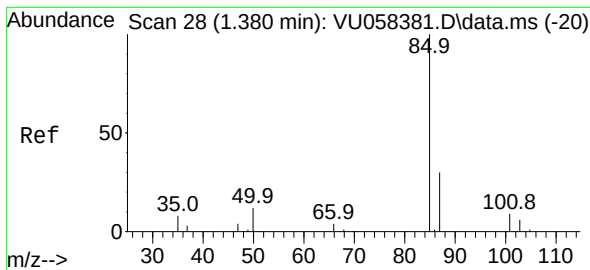
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45582	5.516	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	61826	5.466	ug/L	99
30) Cyclohexane	5.380	56	61587	5.155	ug/L	97
31) Carbon tetrachloride	5.518	117	50885	5.312	ug/L	98
33) Benzene	5.766	78	162849	5.325	ug/L	100
34) Trichloroethene	6.534	95	40008	5.190	ug/L	99
35) Methylcyclohexane	6.756	83	59875	5.155	ug/L	99
37) 1,2-Dichloropropane	6.782	63	43846	5.449	ug/L	100
38) Bromodichloromethane	7.097	83	50488	5.497	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	51955	5.078	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	203528	53.739	ug/L	100
42) Toluene	7.962	91	170789	5.324	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	41803	5.181	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	25822	5.495	ug/L	95
47) Tetrachloroethene	8.547	164	29203	5.167	ug/L	97
48) 2-Hexanone	8.679	43	141032	52.454	ug/L	99
49) Dibromochloromethane	8.801	129	29186	5.372	ug/L	99
50) 1,2-Dibromoethane	8.917	107	23088	5.372	ug/L #	95
51) Chlorobenzene	9.441	112	102759	5.294	ug/L	99
52) Ethylbenzene	9.563	91	180866	5.322	ug/L	100
53) m,p-Xylene	9.685	106	63741	5.238	ug/L	97
54) o-Xylene	10.094	106	63728	5.342	ug/L	97
55) Styrene	10.106	104	104760	5.458	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	31287	5.397	ug/L	98
59) Bromoform	10.283	173	14837	5.325	ug/L	98
60) Isopropylbenzene	10.476	105	161290	5.282	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22735	5.342	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	129300	5.193	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	132754	5.222	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	76859	5.182	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	72433	5.013	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	68283	5.061	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	3896	5.399	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	50913	4.642	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35748	4.227	ug/L	96
71) Naphthalene	14.084	128	42473	3.665	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	30381	4.350	ug/L	99

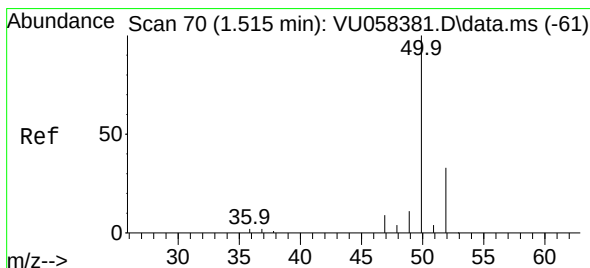
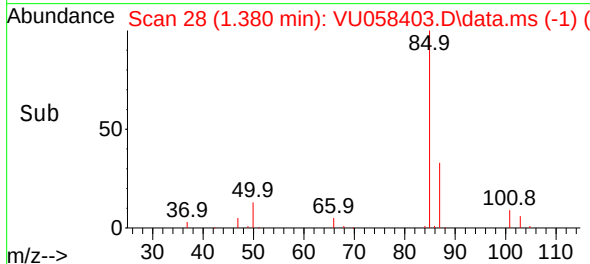
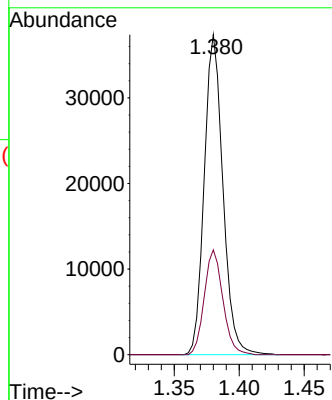
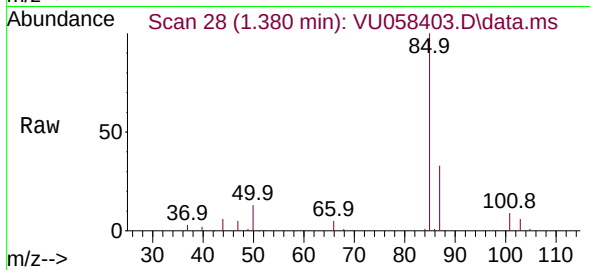
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#2
Dichlorodifluoromethane
Concen: 5.179 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

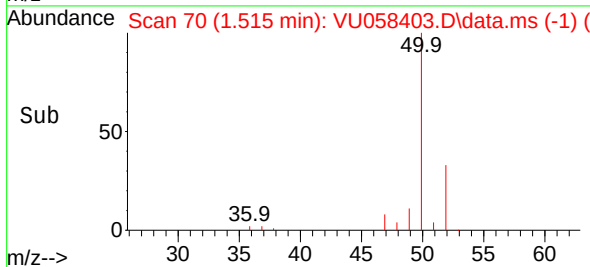
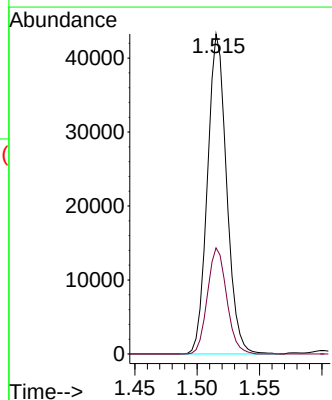
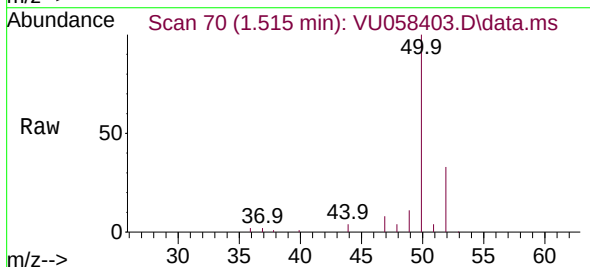
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MSVOA_U
ClientSampleId :

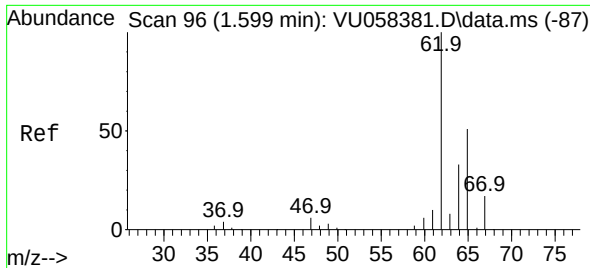
Tgt Ion: 85 Resp: 37331
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 5.255 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

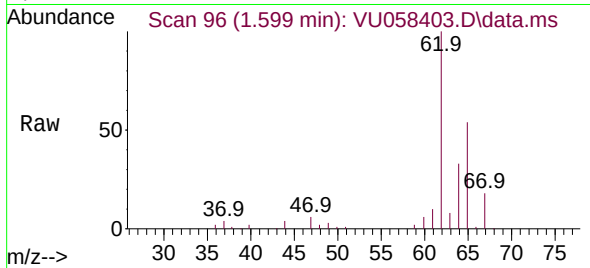
Tgt Ion: 50 Resp: 46358
Ion Ratio Lower Upper
50 100
52 33.2 22.6 42.0



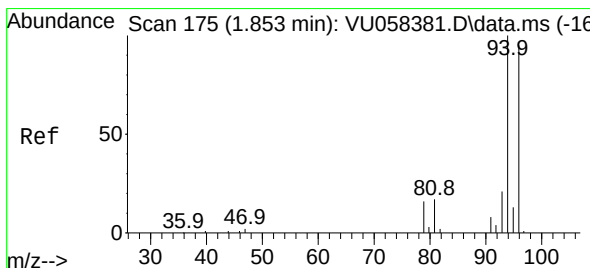
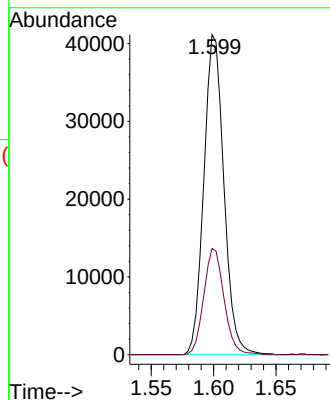
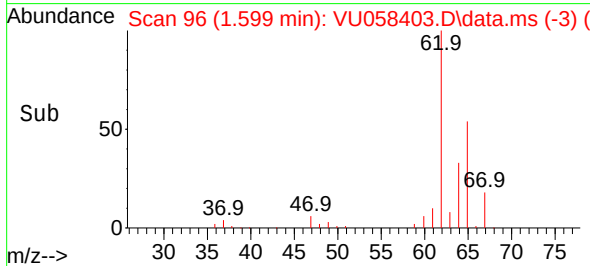


#5
Vinyl chloride
Concen: 5.220 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Instrument :
MSVOA_U
ClientSampleId :

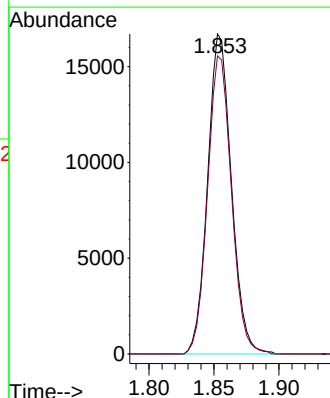
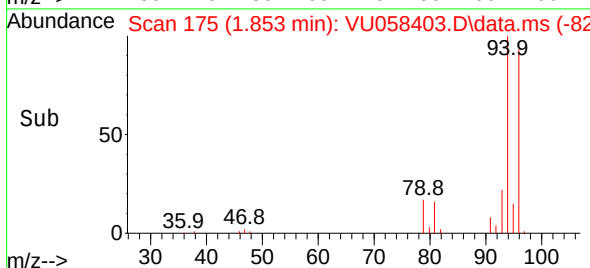
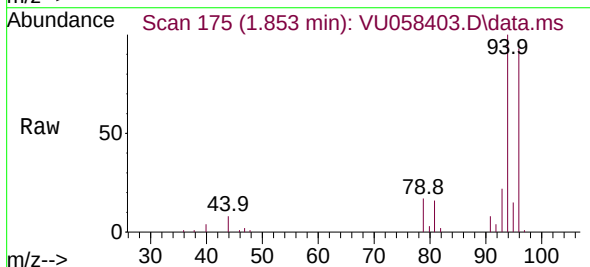


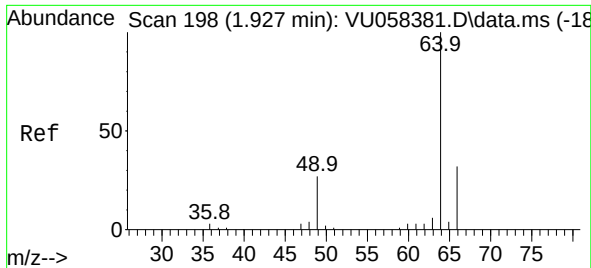
Tgt Ion: 62 Resp: 45990
Ion Ratio Lower Upper
62 100
64 33.2 22.6 42.0



#6
Bromomethane
Concen: 5.097 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 94 Resp: 21246
Ion Ratio Lower Upper
94 100
96 93.1 65.4 121.4

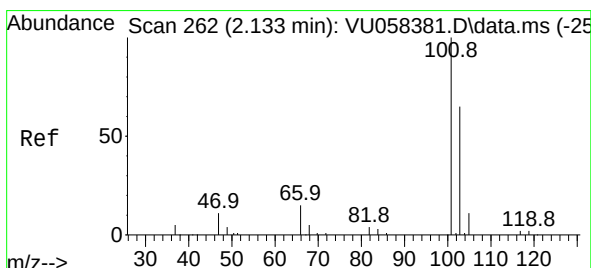
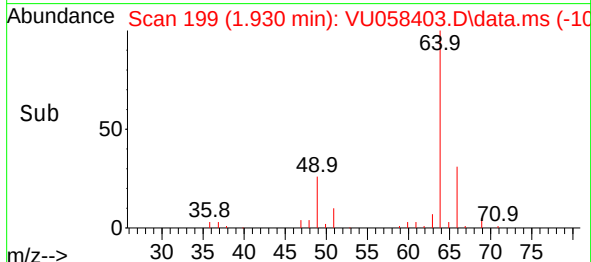
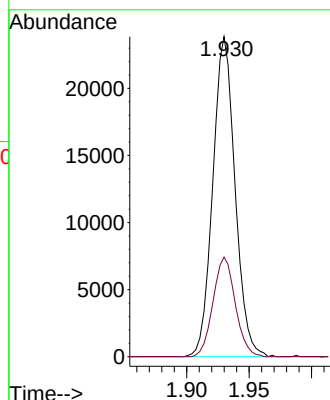
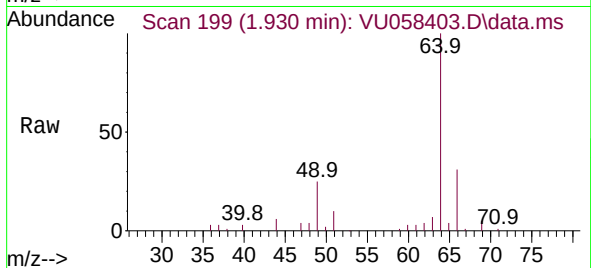




#8
Chloroethane
Concen: 5.326 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

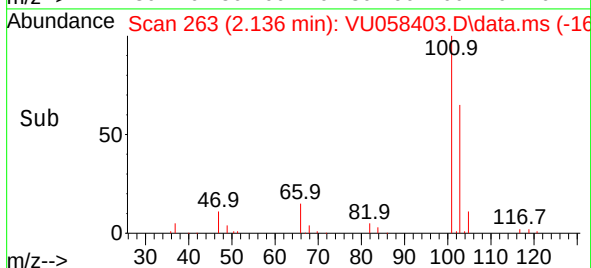
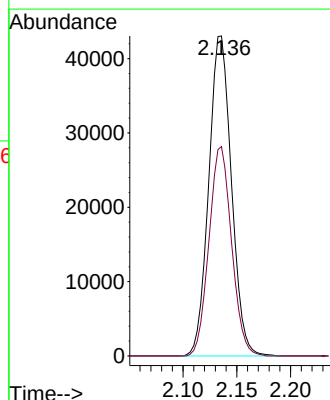
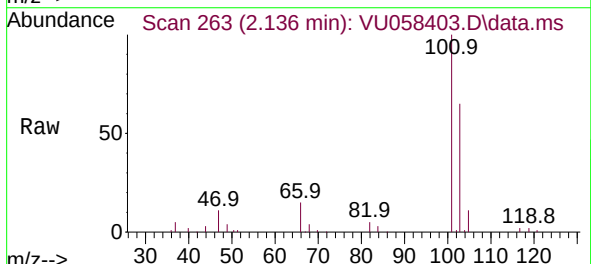
Instrument :
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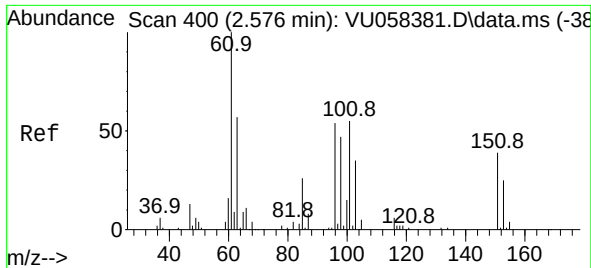
Tgt Ion: 64 Resp: 29643
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.428 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion:101 Resp: 63148
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

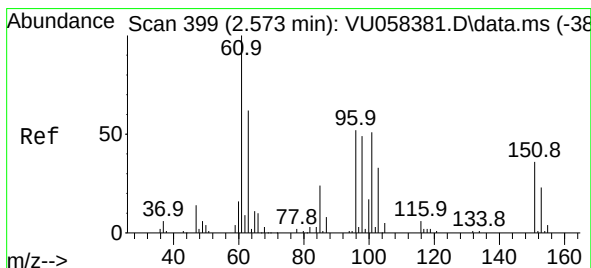
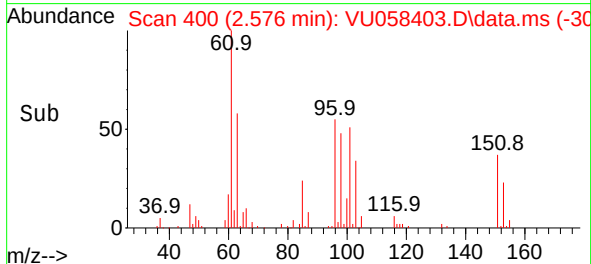
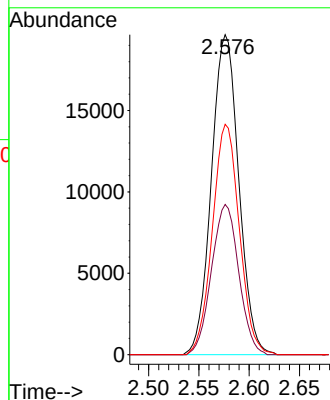
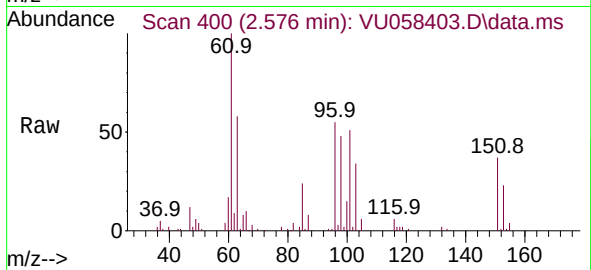




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.384 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

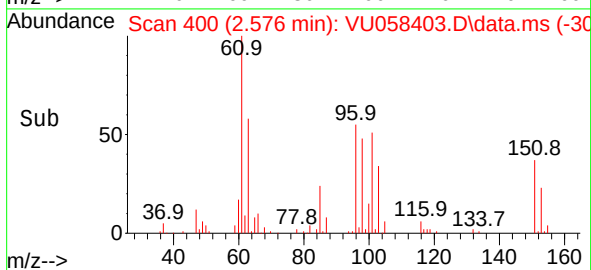
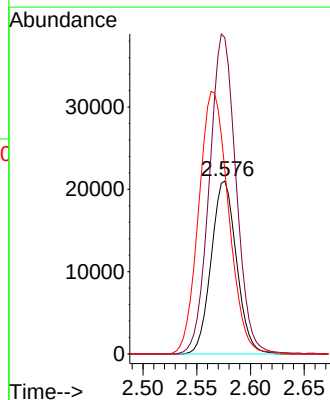
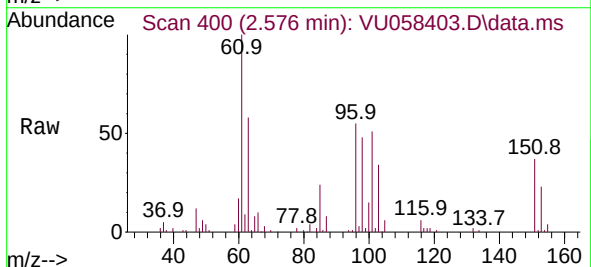
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ClientSampleId :

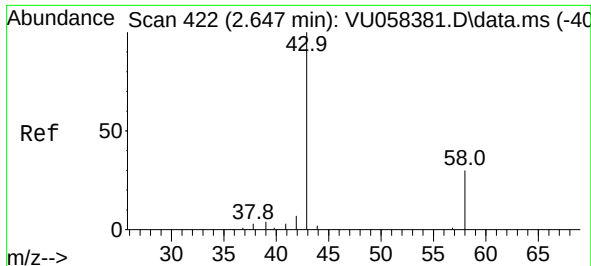
Tgt Ion:101 Resp: 37221
Ion Ratio Lower Upper
101 100
85 46.8 36.8 55.2
151 70.9 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.611 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 96 Resp: 34390
Ion Ratio Lower Upper
96 100
61 182.8 132.5 246.1
63 106.3 87.7 162.9





#13

Acetone

Concen: 48.398 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

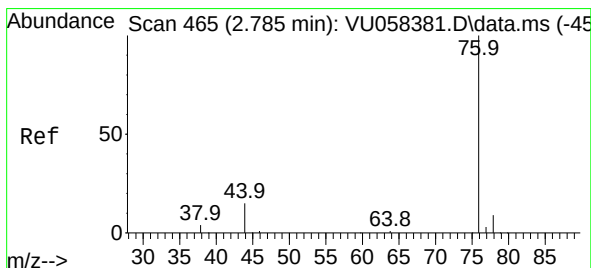
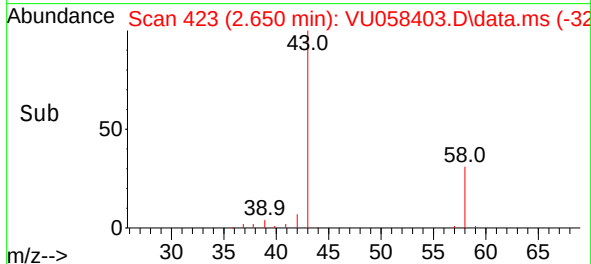
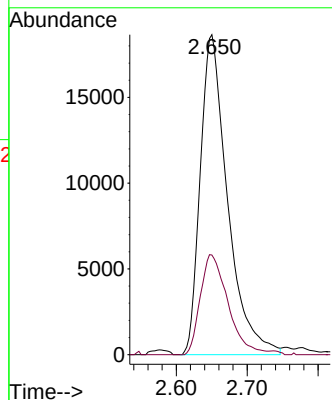
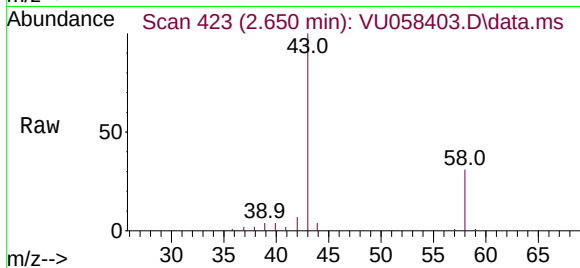
ClientSampleId :

Tgt Ion: 43 Resp: 49842

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.4



#14

Carbon disulfide

Concen: 5.242 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058403.D

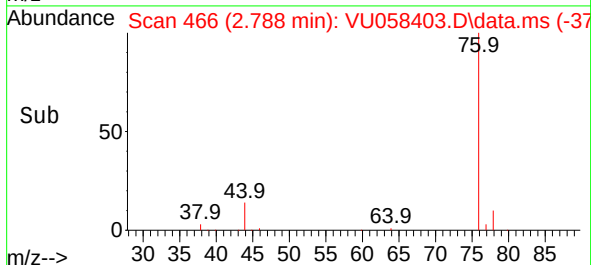
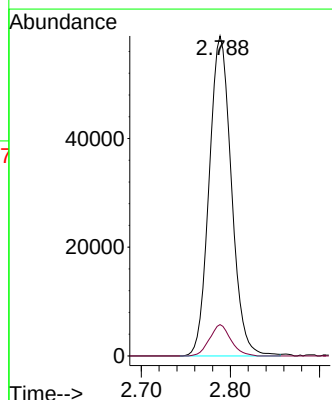
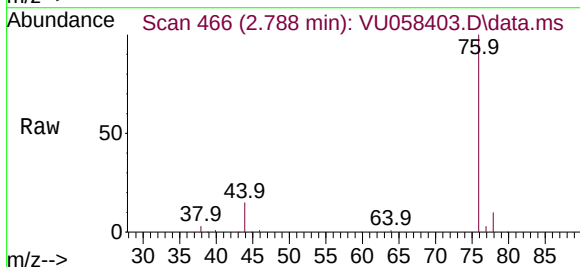
Acq: 05 Apr 2024 06:13

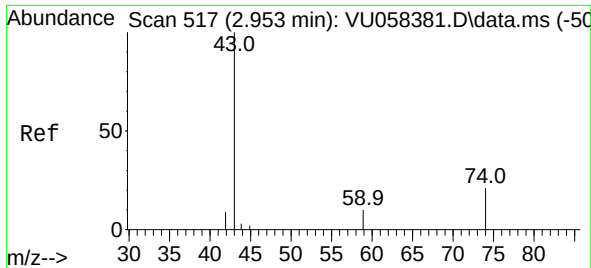
Tgt Ion: 76 Resp: 102052

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3





#15

Methyl Acetate

Concen: 5.841 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

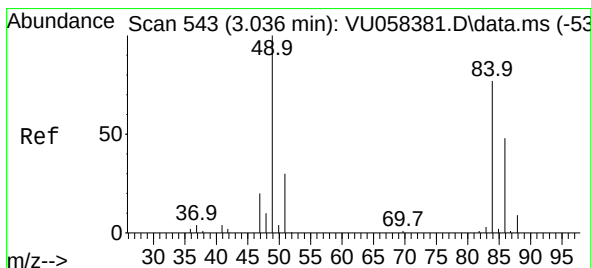
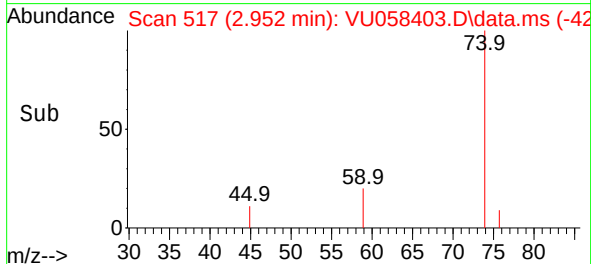
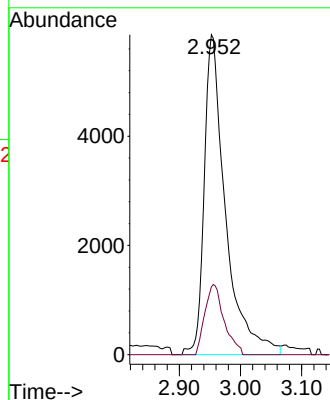
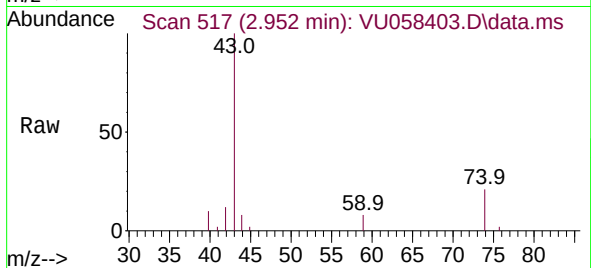
ClientSampleId :

Tgt Ion: 43 Resp: 14194

Ion Ratio Lower Upper

43 100

74 19.7 16.6 25.0



#16

Methylene chloride

Concen: 5.102 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

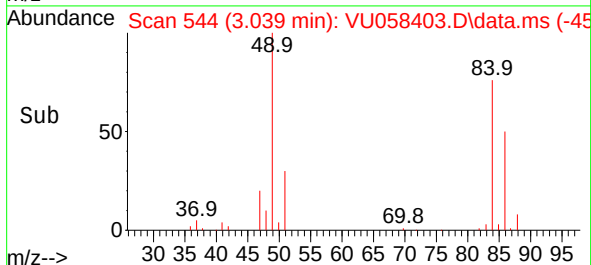
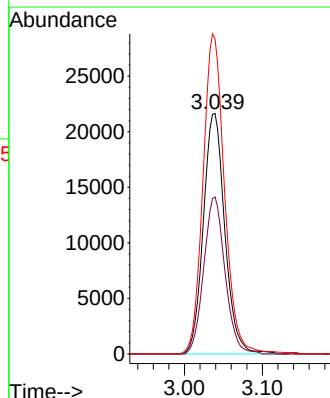
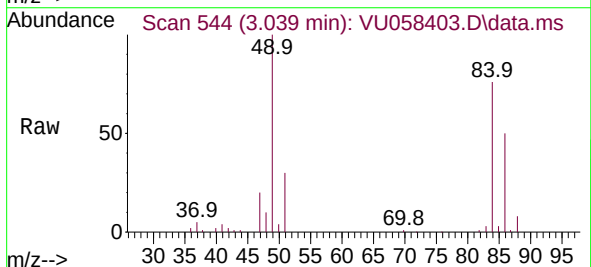
Tgt Ion: 84 Resp: 41500

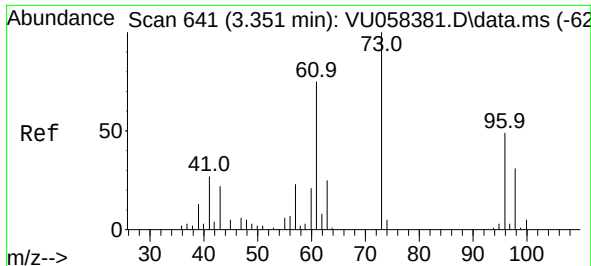
Ion Ratio Lower Upper

84 100

86 65.3 44.3 82.3

49 131.0 96.0 178.2





#17

Methyl tert-butyl Ether

Concen: 5.368 ug/L

RT: 3.354 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

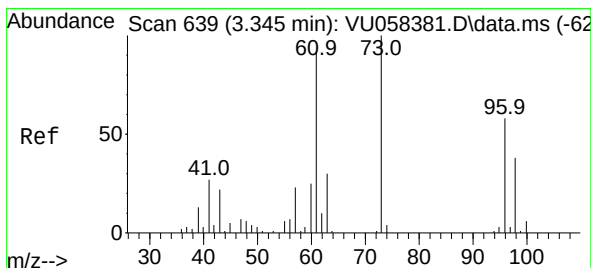
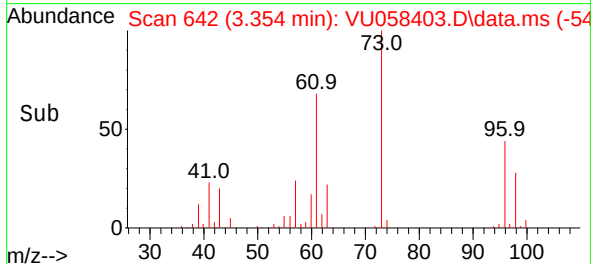
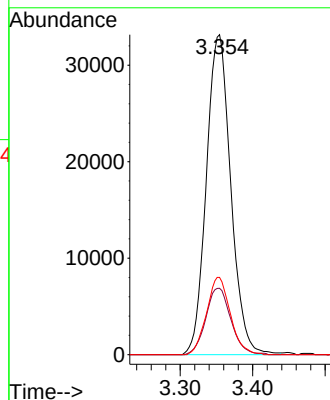
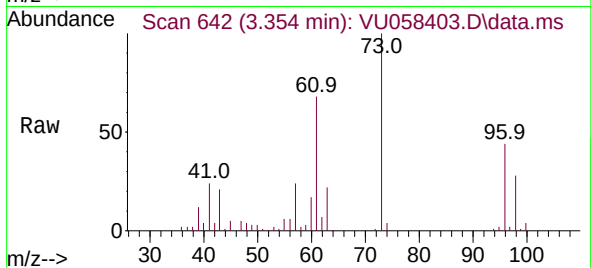
Tgt Ion: 73 Resp: 77715

Ion Ratio Lower Upper

73 100

43 21.3 17.4 26.2

57 23.5 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 5.575 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

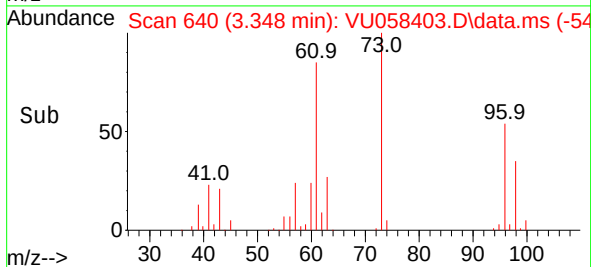
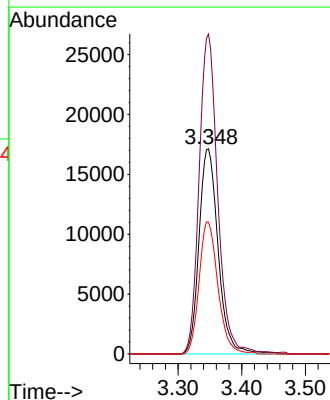
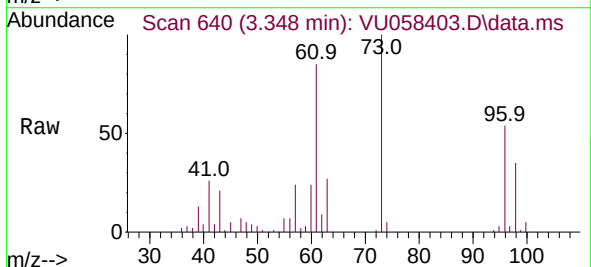
Tgt Ion: 96 Resp: 35810

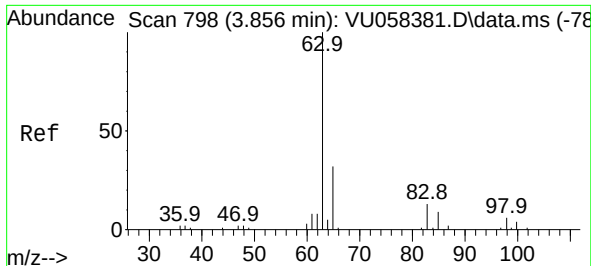
Ion Ratio Lower Upper

96 100

61 156.0 107.6 199.8

98 64.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.403 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

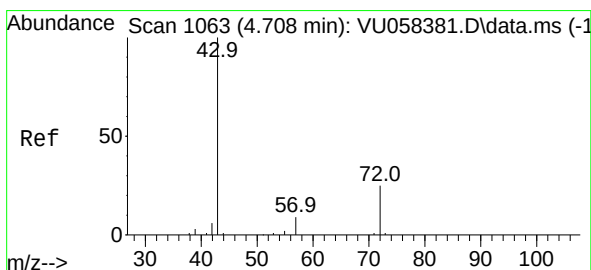
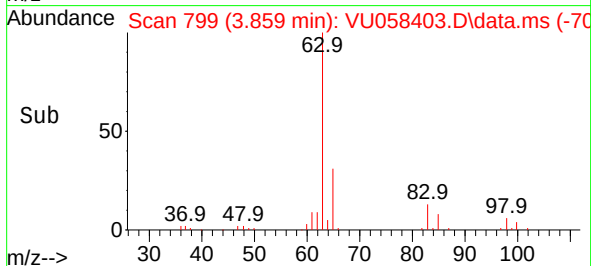
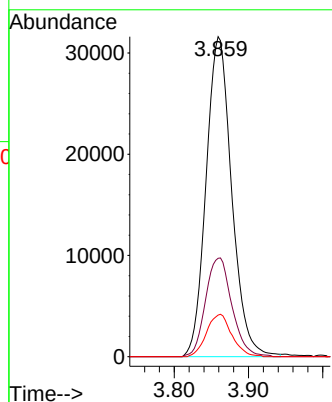
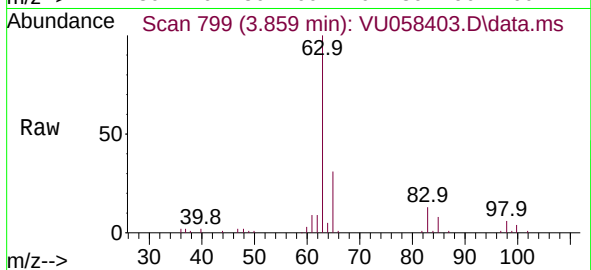
Tgt Ion: 63 Resp: 75748

Ion Ratio Lower Upper

63 100

65 30.7 22.9 42.5

83 13.0 9.6 17.8



#21

2-Butanone

Concen: 51.689 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU058403.D

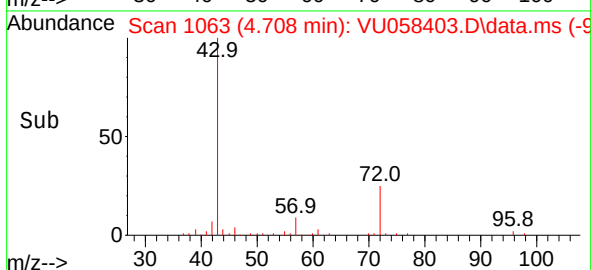
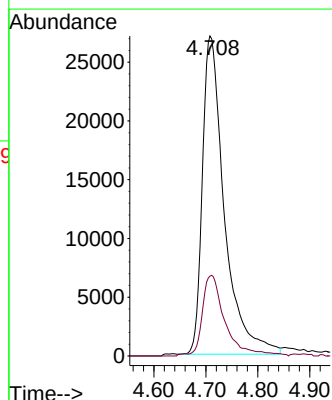
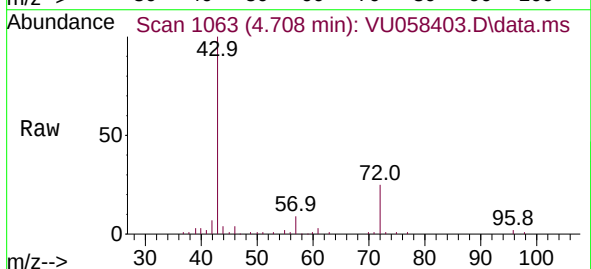
Acq: 05 Apr 2024 06:13

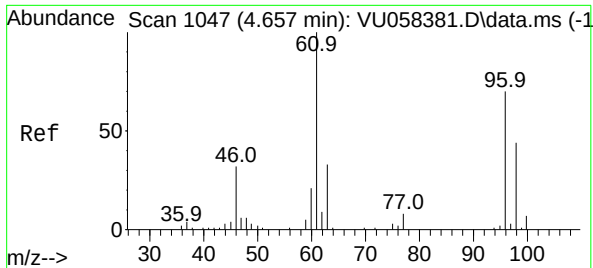
Tgt Ion: 43 Resp: 79563

Ion Ratio Lower Upper

43 100

72 26.0 11.7 35.0





#22

cis-1,2-Dichloroethene

Concen: 5.393 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

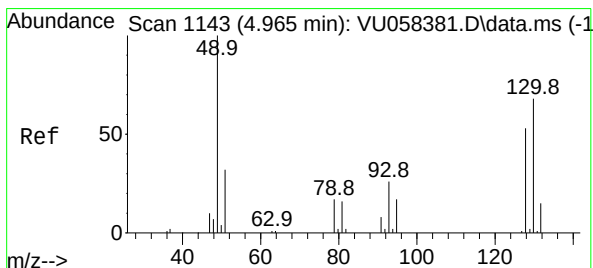
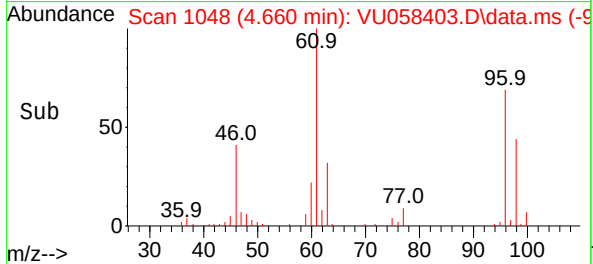
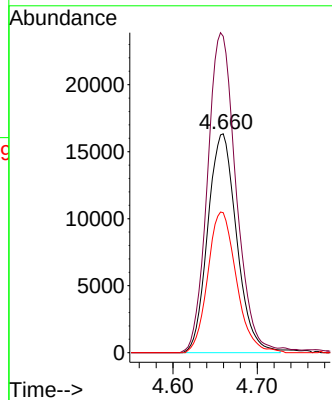
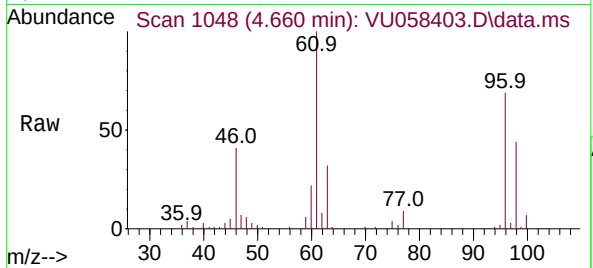
Tgt Ion: 96 Resp: 38904

Ion Ratio Lower Upper

96 100

61 144.5 98.1 182.3

98 64.0 43.6 81.0



#23

Bromochloromethane

Concen: 5.528 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Tgt Ion: 128 Resp: 15712

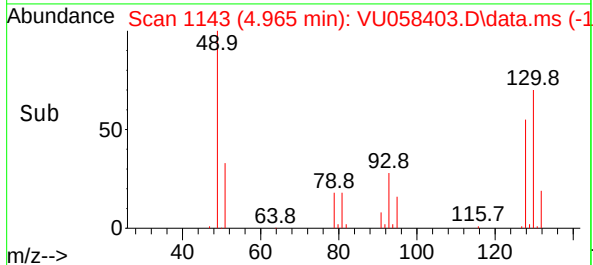
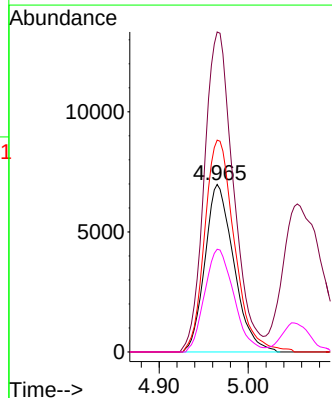
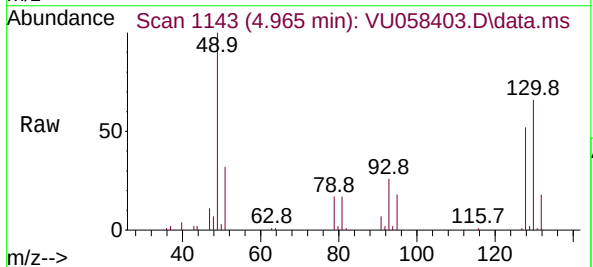
Ion Ratio Lower Upper

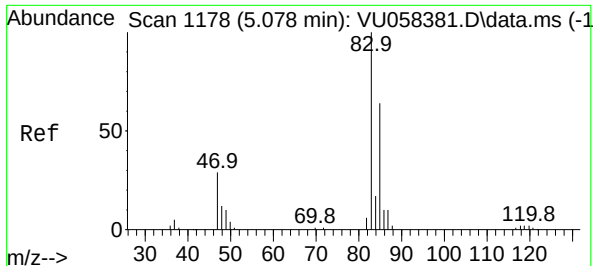
128 100

49 191.1 134.4 249.6

130 126.5 90.0 167.2

51 61.3 51.0 76.6

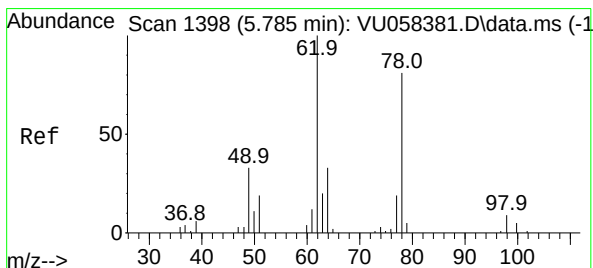
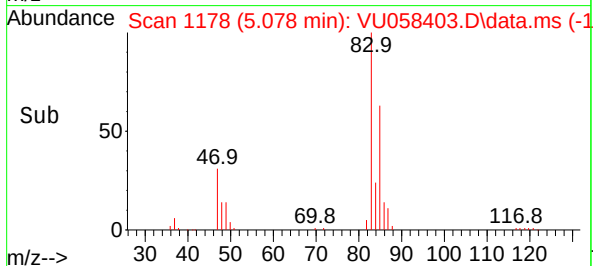
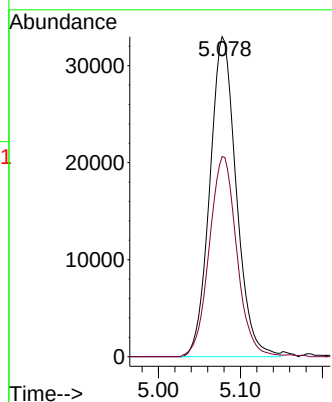
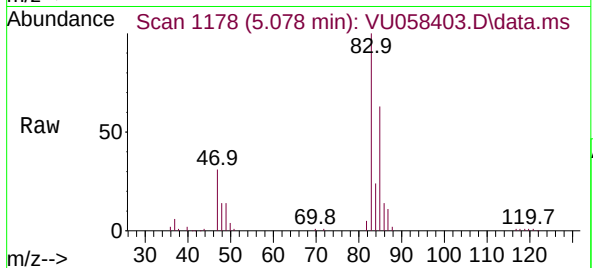




#25
Chloroform
Concen: 5.452 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

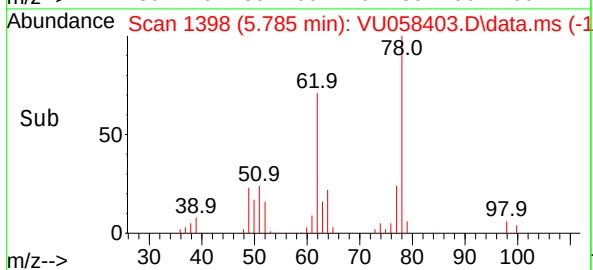
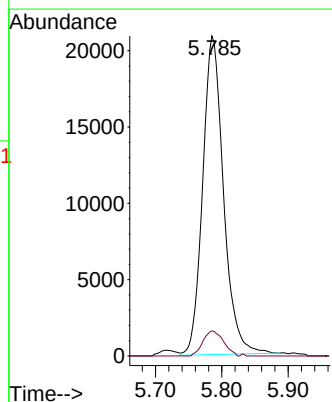
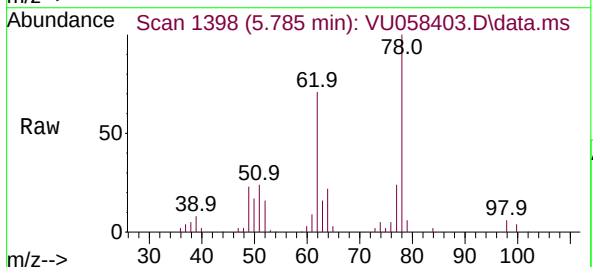
Instrument :
MSVOA_U
ClientSampleId :

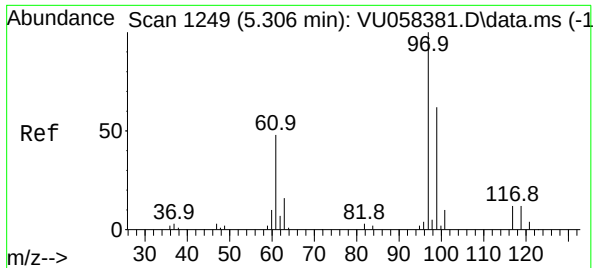
Tgt Ion: 83 Resp: 73987
Ion Ratio Lower Upper
83 100
85 62.6 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.516 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 62 Resp: 45582
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.4



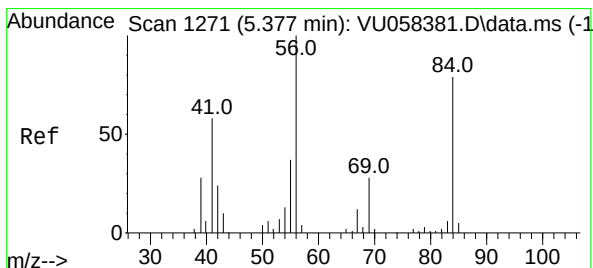
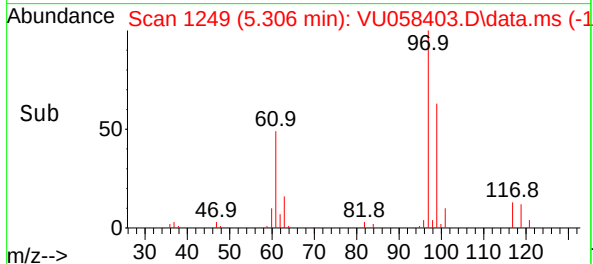
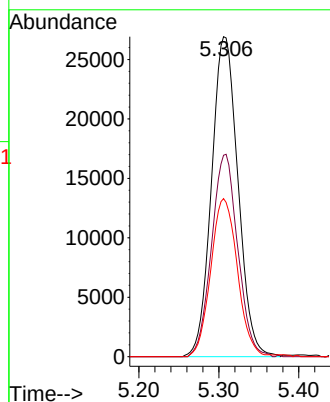
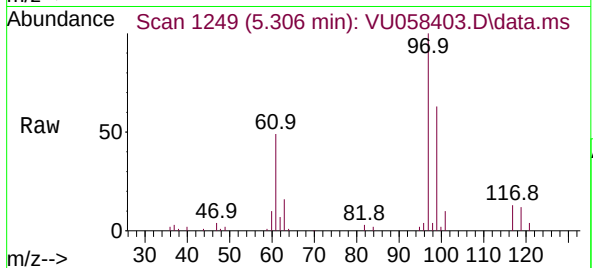


#29
1,1,1-Trichloroethane
Concen: 5.466 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 61826

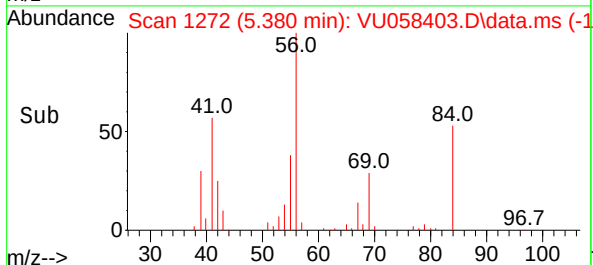
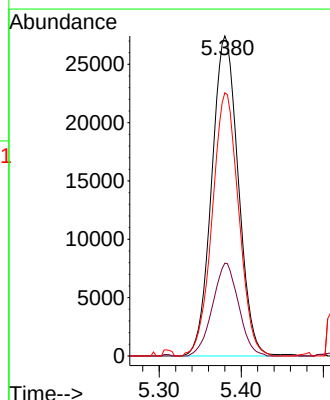
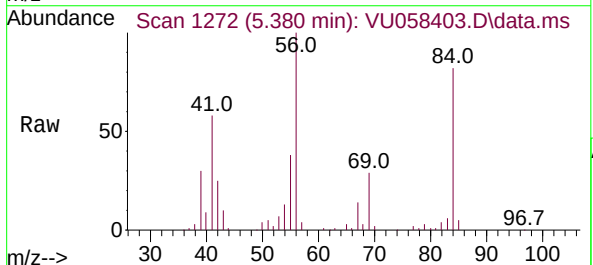
Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.4	75.6
61	49.8	39.4	59.0

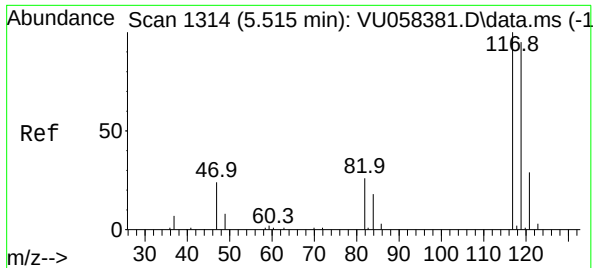


#30
Cyclohexane
Concen: 5.155 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 56 Resp: 61587

Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.2	34.8
84	82.0	63.3	94.9

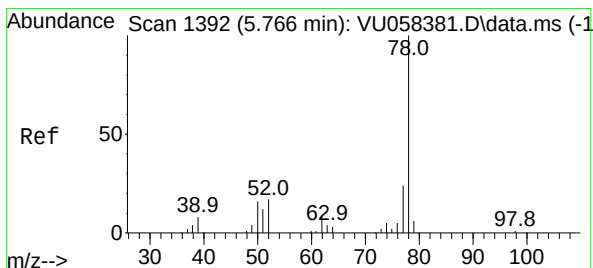
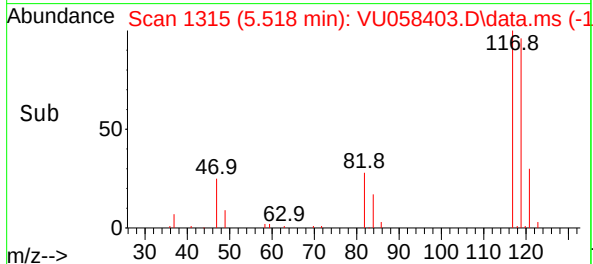
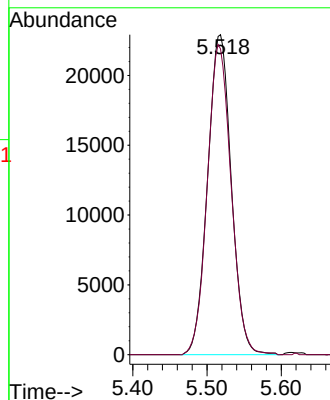
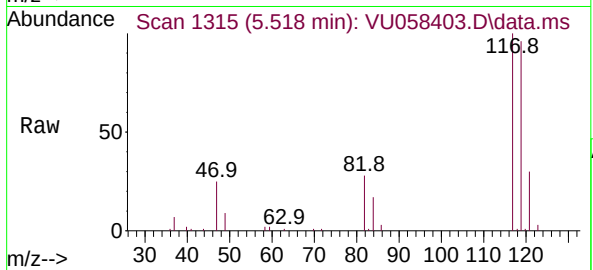




#31
Carbon tetrachloride
Concen: 5.312 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

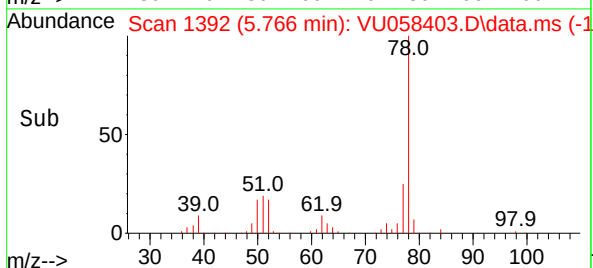
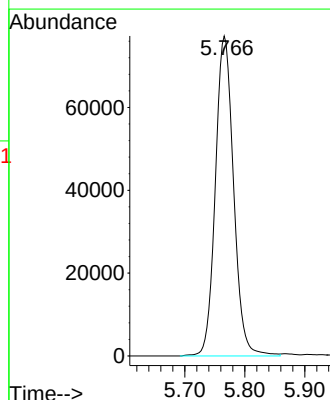
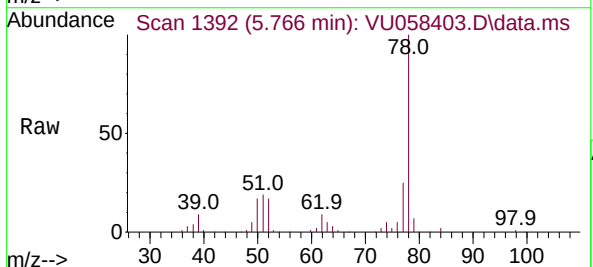
Instrument :
MSVOA_U
ClientSampleId :

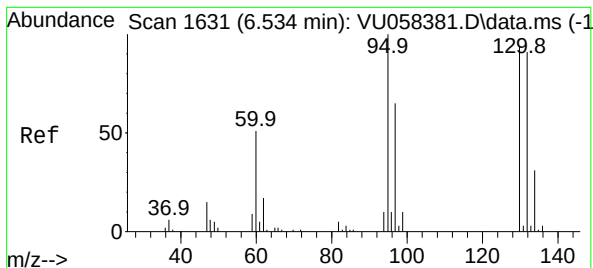
Tgt Ion:117 Resp: 50885
Ion Ratio Lower Upper
117 100
119 97.4 76.7 115.1



#33
Benzene
Concen: 5.325 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 78 Resp: 162849





#34

Trichloroethene

Concen: 5.190 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

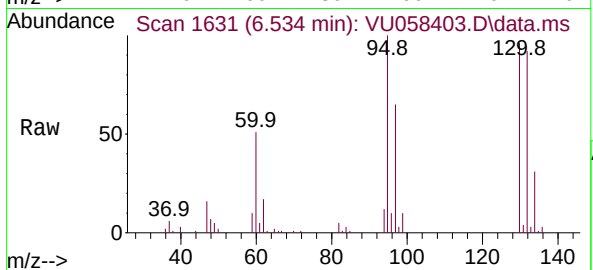
Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 40008

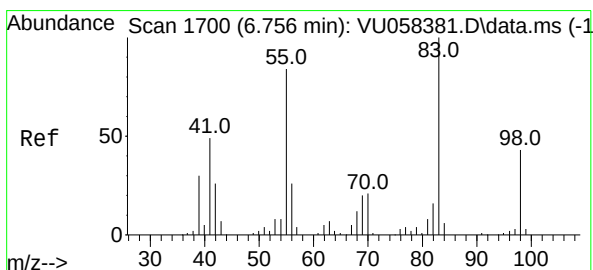
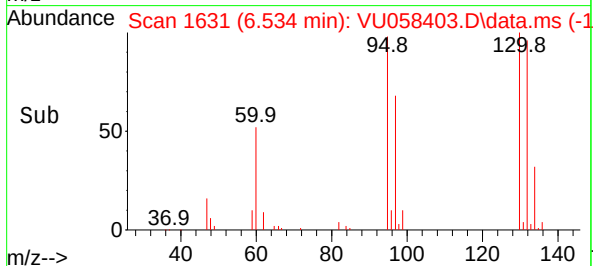
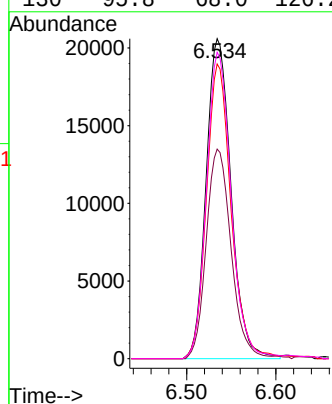
Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.6

132 92.1 64.8 120.3

130 95.8 68.0 126.2



#35

Methylcyclohexane

Concen: 5.155 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

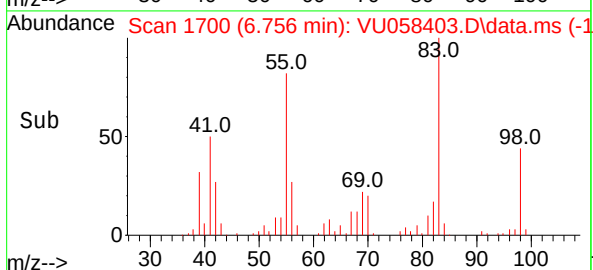
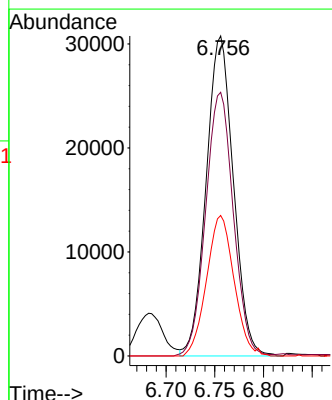
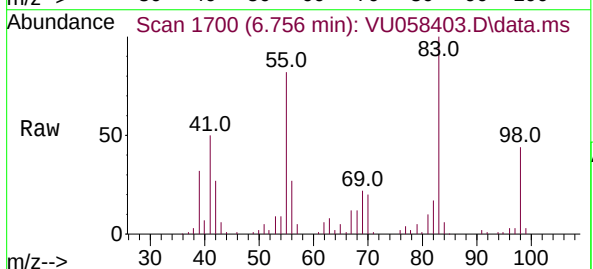
Tgt Ion: 83 Resp: 59875

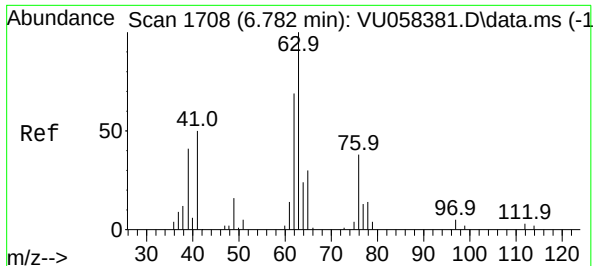
Ion Ratio Lower Upper

83 100

55 83.7 66.2 99.4

98 44.2 34.6 52.0

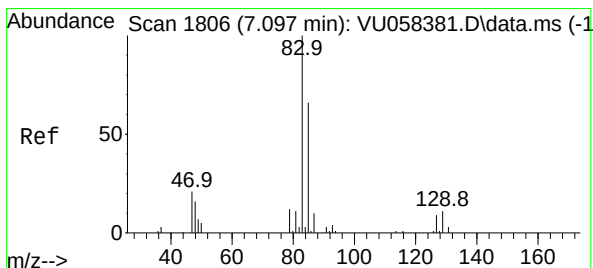
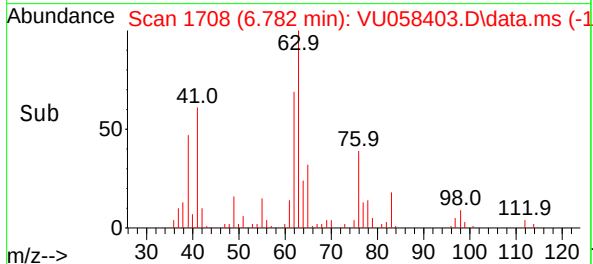
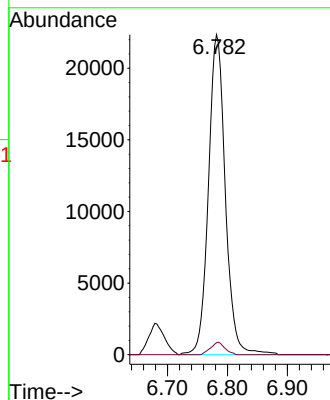
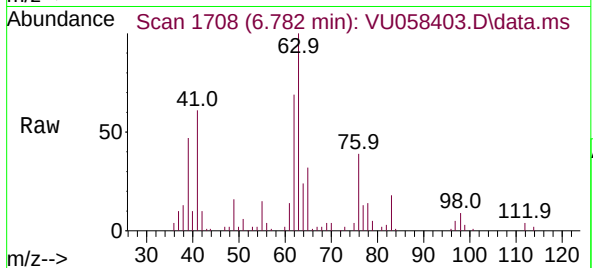




#37
1,2-Dichloropropane
Concen: 5.449 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

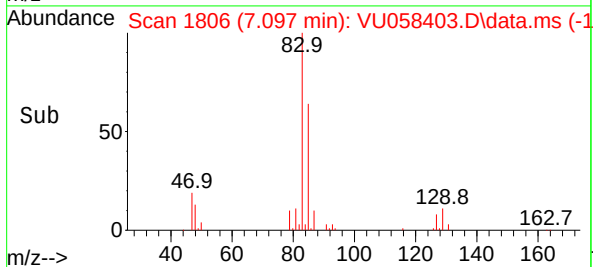
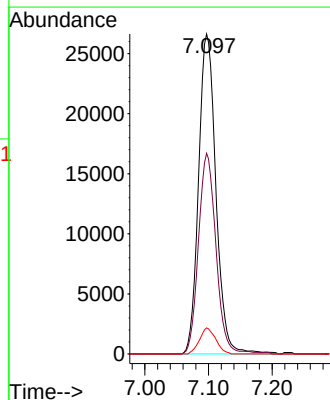
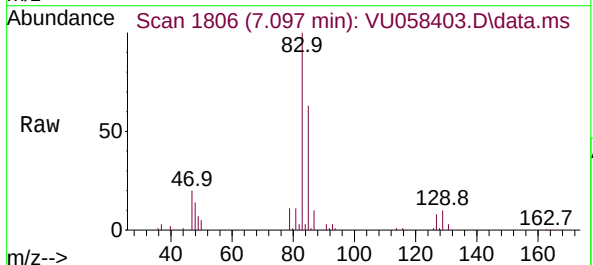
Instrument :
MSVOA_U
ClientSampleId :

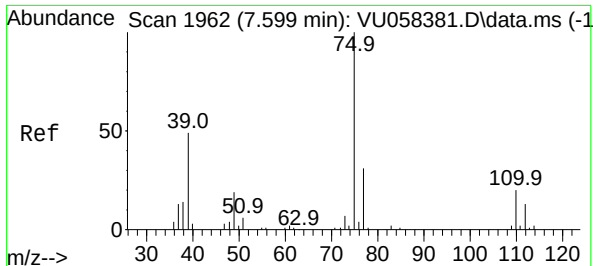
Tgt Ion: 63 Resp: 43846
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 5.497 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 83 Resp: 50488
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2
127 8.2 6.5 9.7

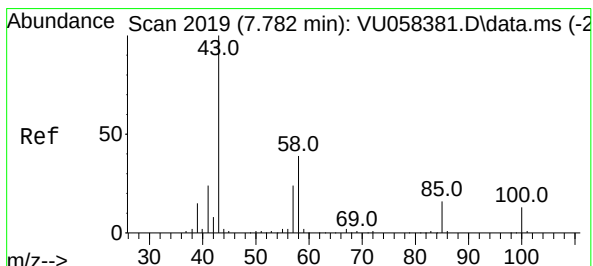
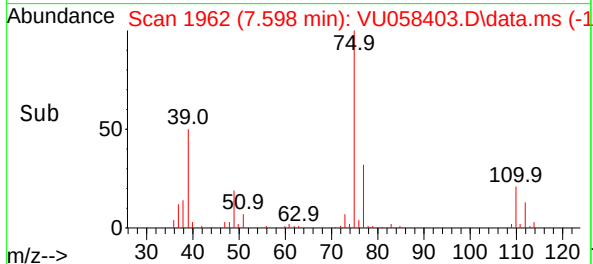
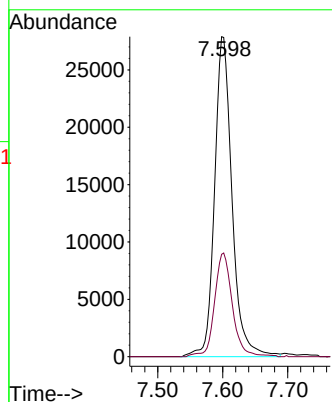
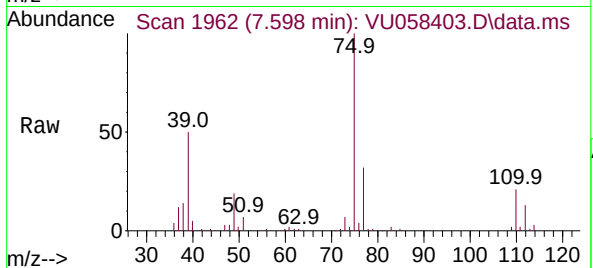




#39
cis-1,3-Dichloropropene
Concen: 5.078 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

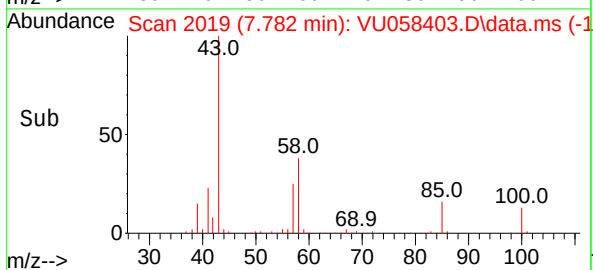
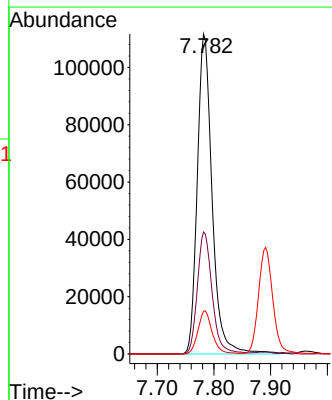
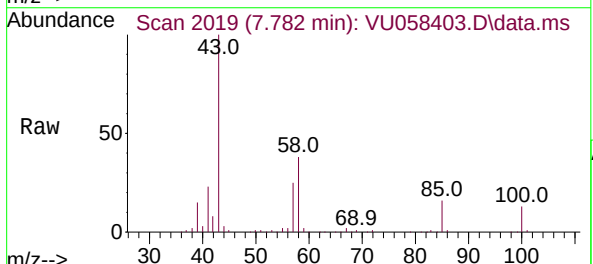
Instrument :
MSVOA_U
ClientSampleId :

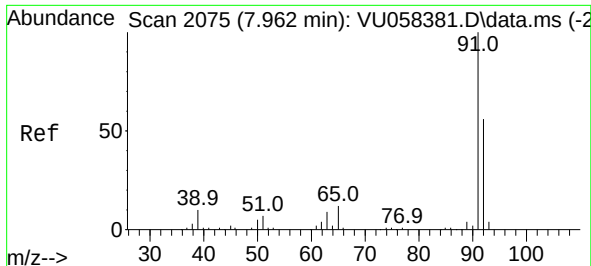
Tgt Ion: 75 Resp: 51955
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 53.739 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 43 Resp: 203528
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6
100 13.0 10.3 15.5





#42

Toluene

Concen: 5.324 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

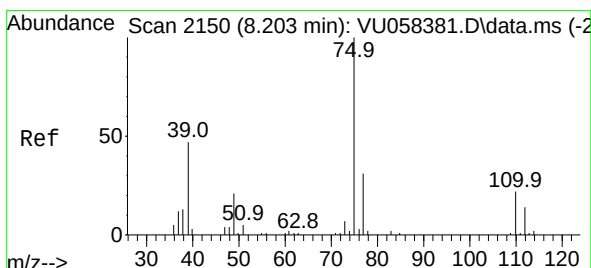
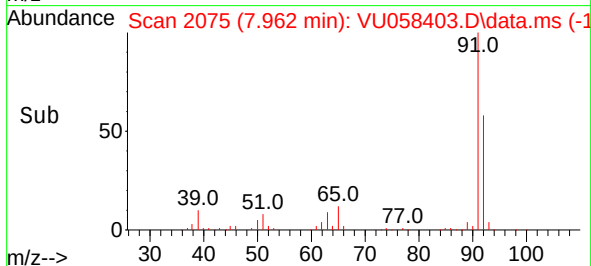
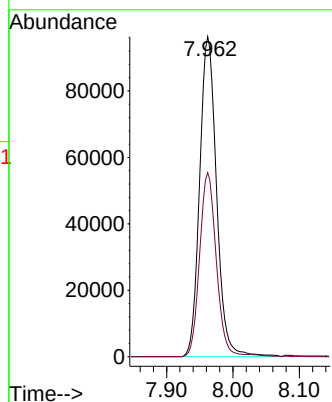
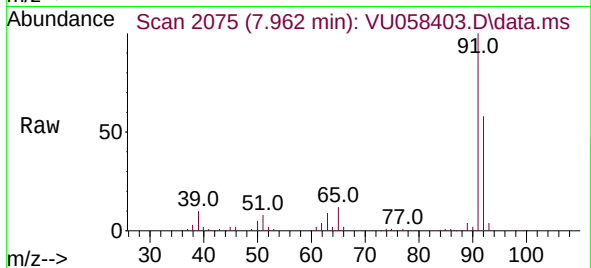
ClientSampleId :

Tgt Ion: 91 Resp: 170789

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.181 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058403.D

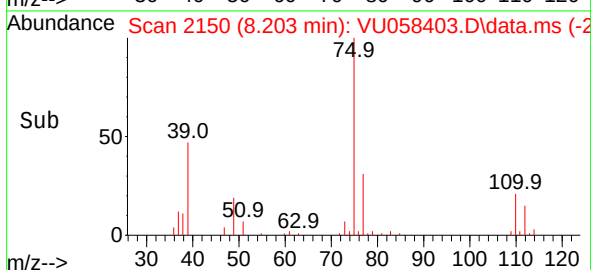
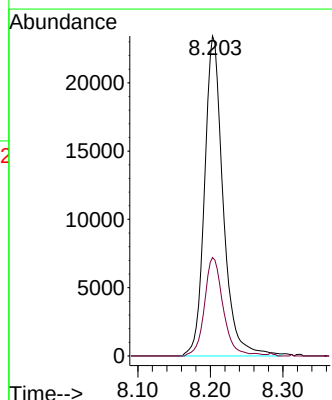
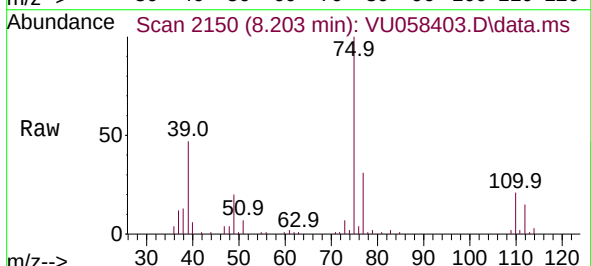
Acq: 05 Apr 2024 06:13

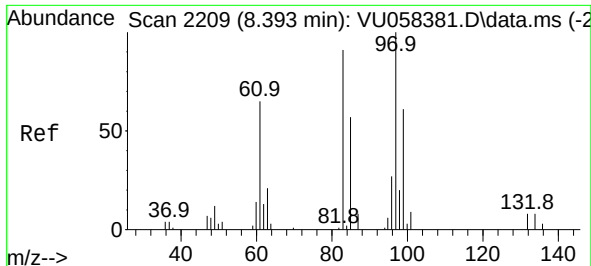
Tgt Ion: 75 Resp: 41803

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



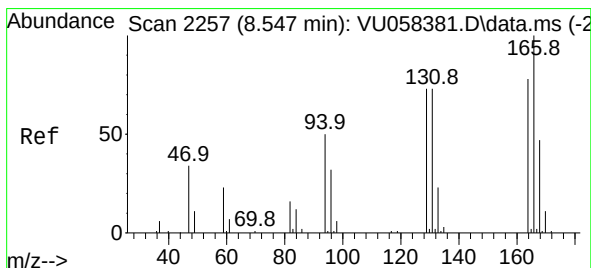
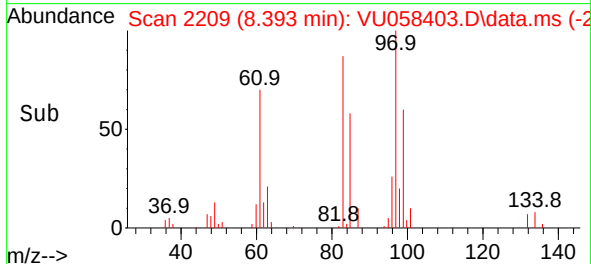
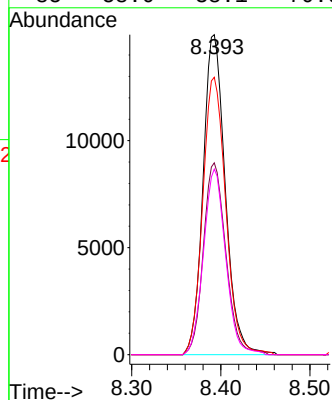
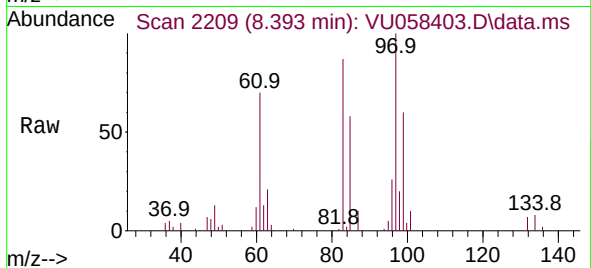


#45
1,1,2-Trichloroethane
Concen: 5.495 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 25822

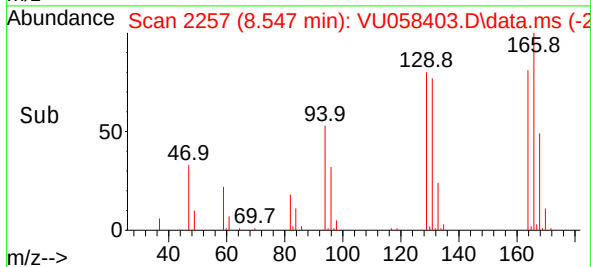
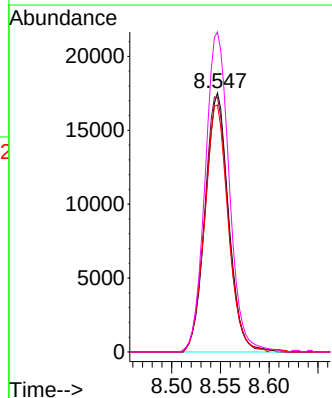
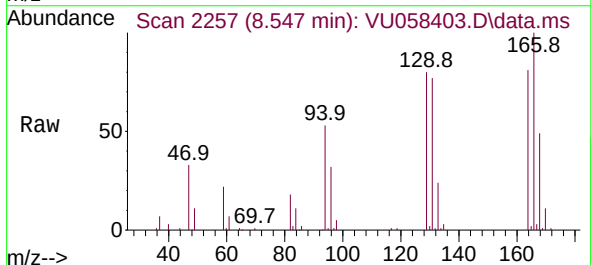
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.7	81.1
83	86.7	64.5	119.7
85	58.0	38.1	70.9

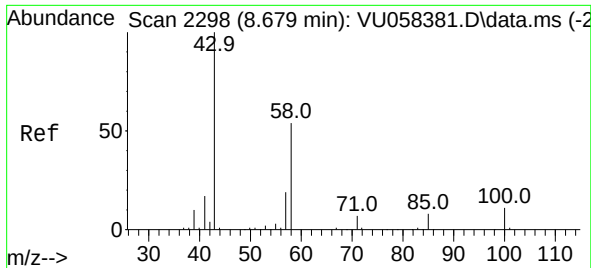


#47
Tetrachloroethene
Concen: 5.167 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 164 Resp: 29203

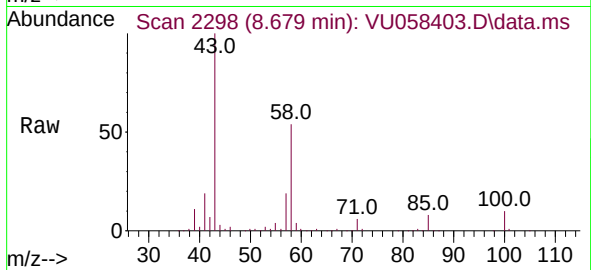
Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.3	125.1
131	95.3	65.5	121.6
166	123.6	89.5	166.1



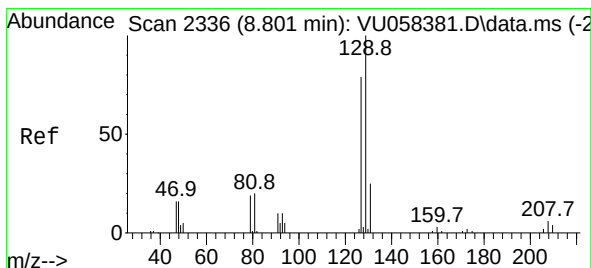
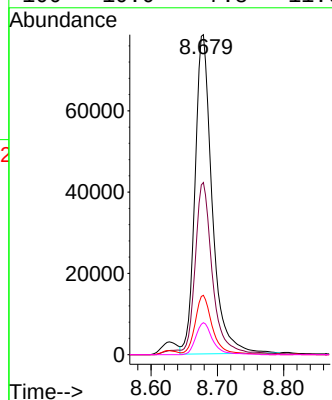
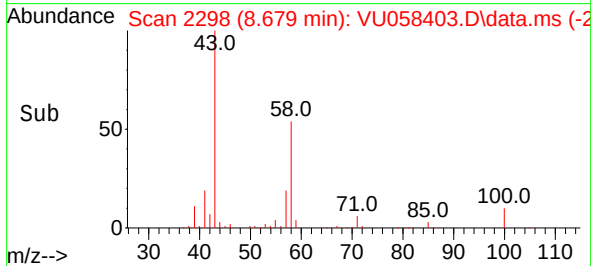


#48
2-Hexanone
Concen: 52.454 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Instrument :
MSVOA_U
ClientSampleId :

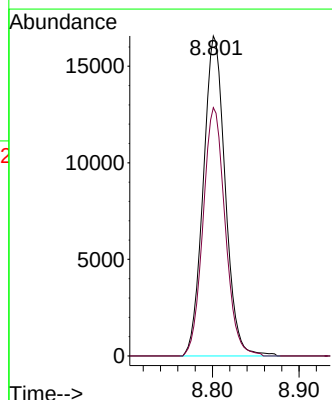
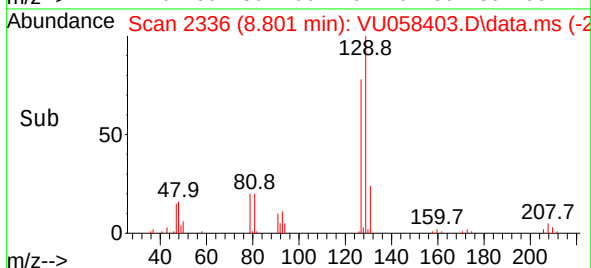
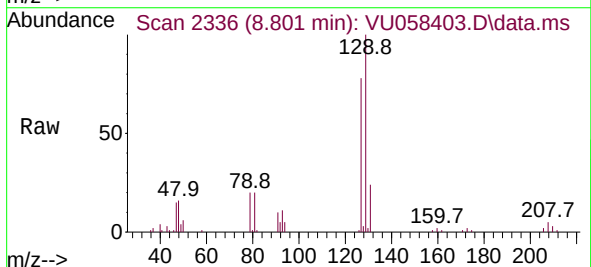


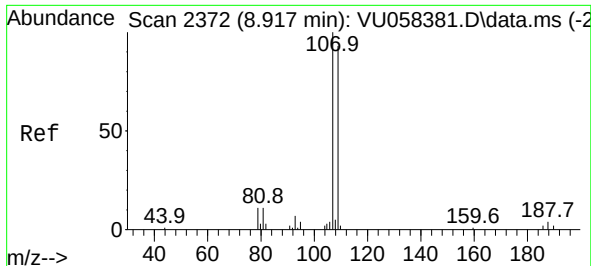
Tgt Ion: 43 Resp: 141032
Ion Ratio Lower Upper
43 100
58 55.2 43.2 64.8
57 18.9 15.4 23.0
100 10.0 7.8 11.6



#49
Dibromochloromethane
Concen: 5.372 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 129 Resp: 29186
Ion Ratio Lower Upper
129 100
127 77.6 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.372 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min MSVOA_U

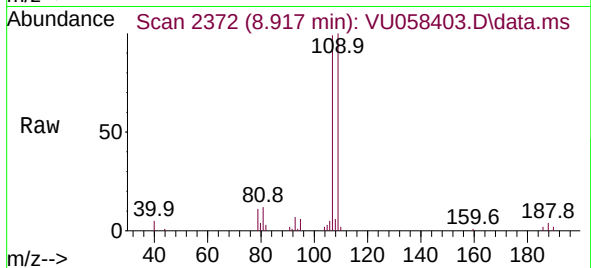
Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

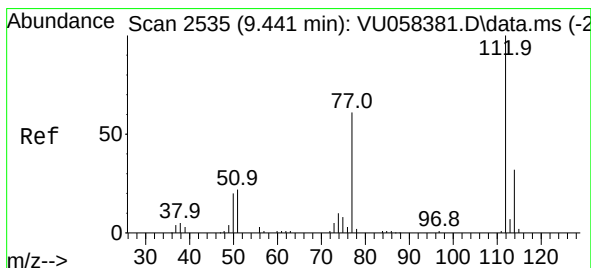
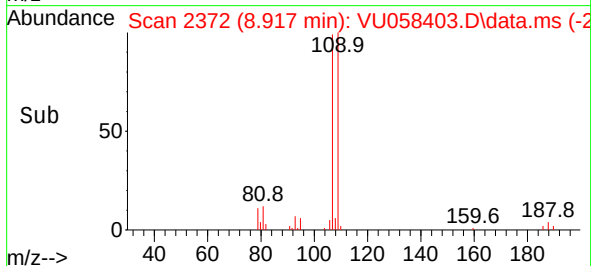
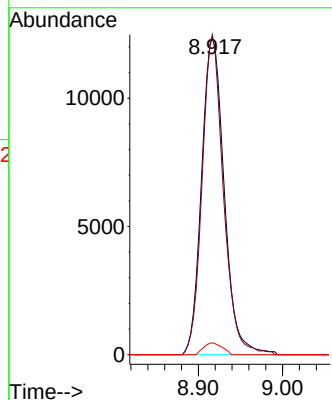
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	23088
Ion	Ratio	Lower	Upper
107	100		
109	101.0	67.3	124.9
188	3.7	2.5	3.7#



#51

Chlorobenzene

Concen: 5.294 ug/L

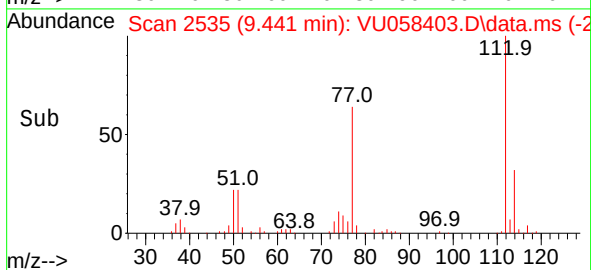
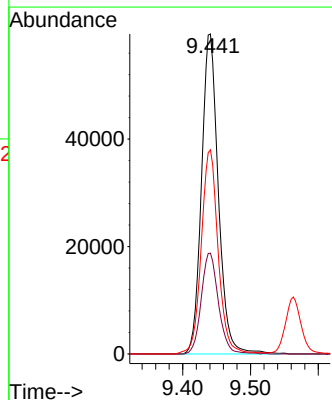
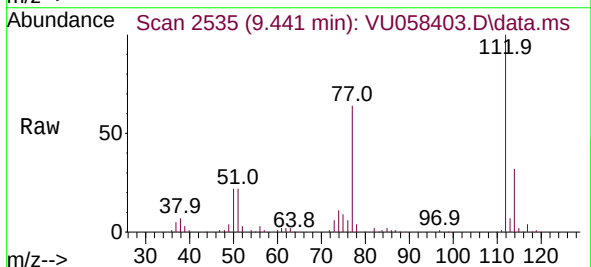
RT: 9.441 min Scan# 2535

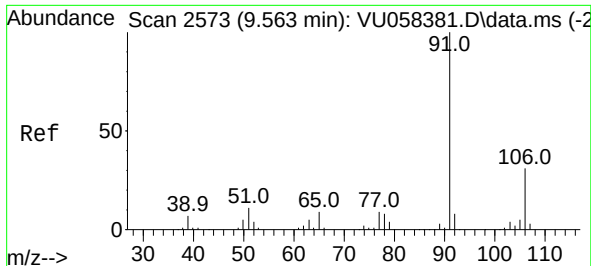
Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Tgt Ion:	112	Resp:	102759
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	63.8	50.1	75.1

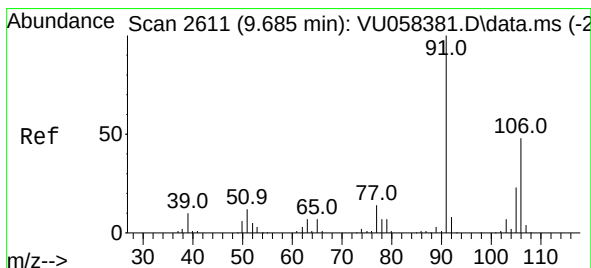
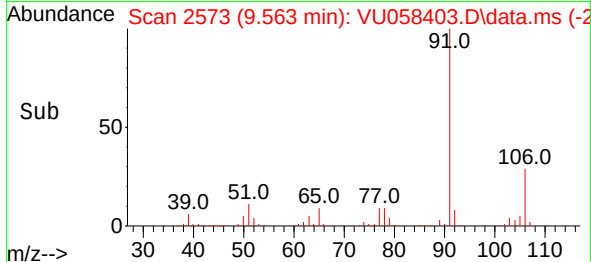
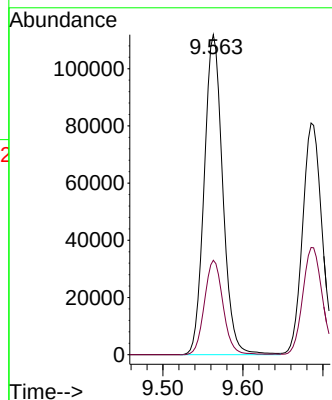
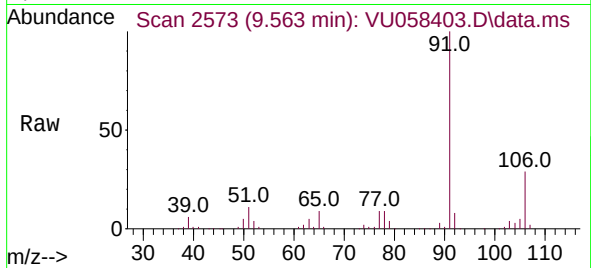




#52
Ethylbenzene
Concen: 5.322 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

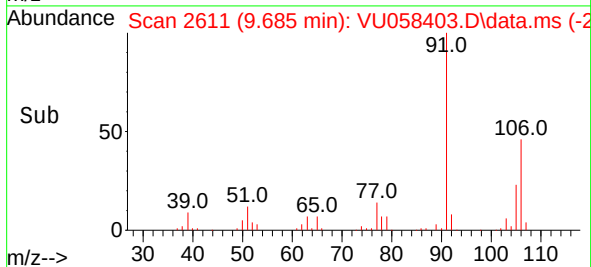
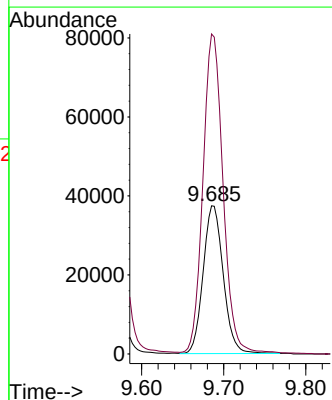
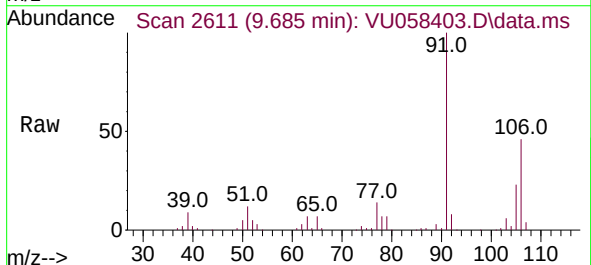
Instrument :
MSVOA_U
ClientSampleId :

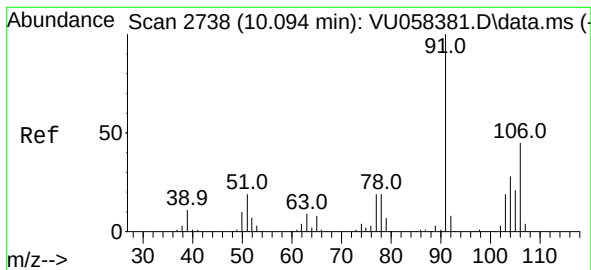
Tgt Ion: 91 Resp: 180866
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.238 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU058403.D
Acq: 05 Apr 2024 06:13

Tgt Ion: 106 Resp: 63741
Ion Ratio Lower Upper
106 100
91 215.9 147.8 274.4





#54

o-Xylene

Concen: 5.342 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

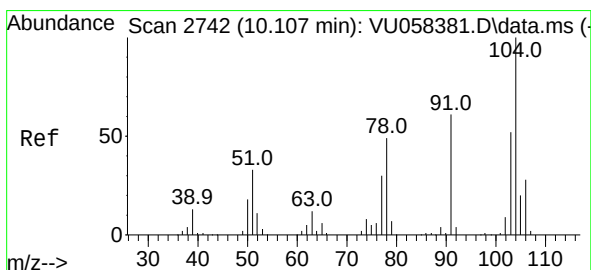
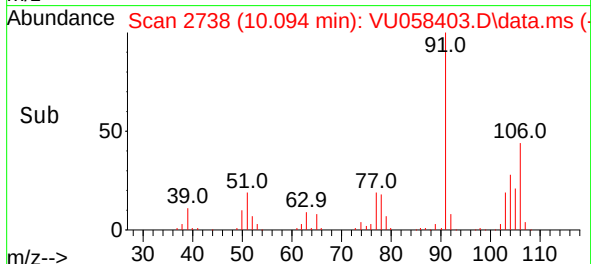
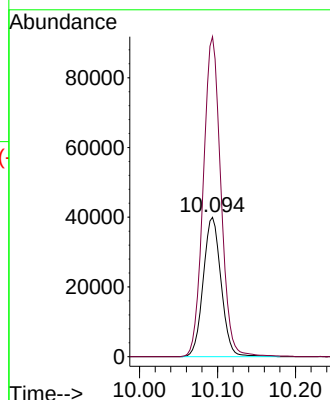
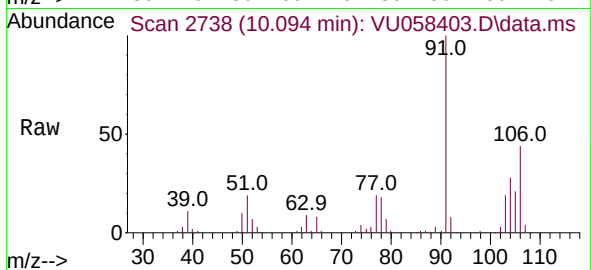
ClientSampleId :

Tgt Ion:106 Resp: 63728

Ion Ratio Lower Upper

106 100

91 229.5 156.9 291.5



#55

Styrene

Concen: 5.458 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058403.D

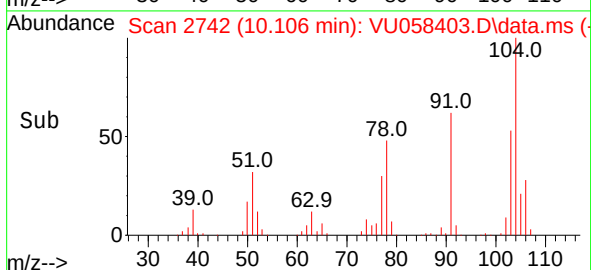
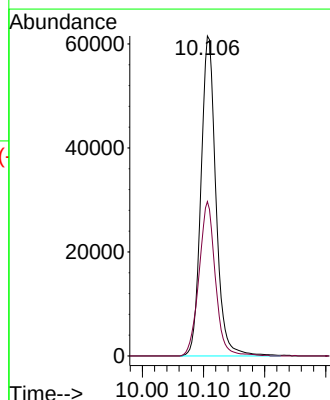
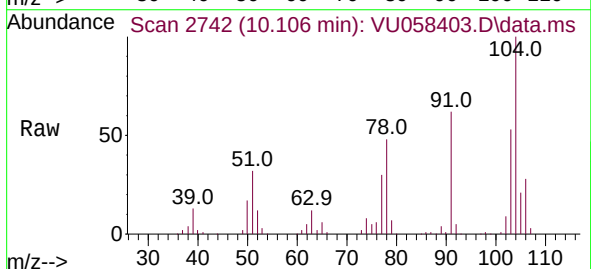
Acq: 05 Apr 2024 06:13

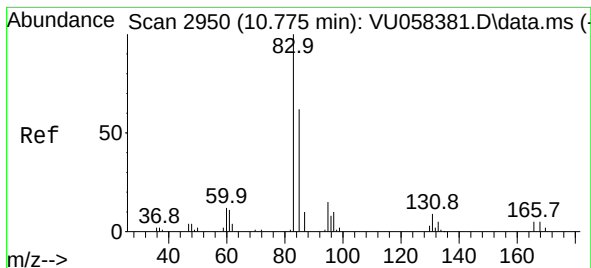
Tgt Ion:104 Resp: 104760

Ion Ratio Lower Upper

104 100

78 48.2 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.397 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

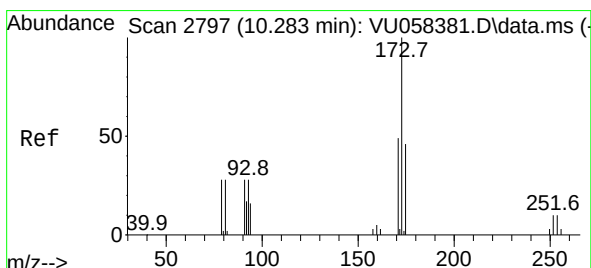
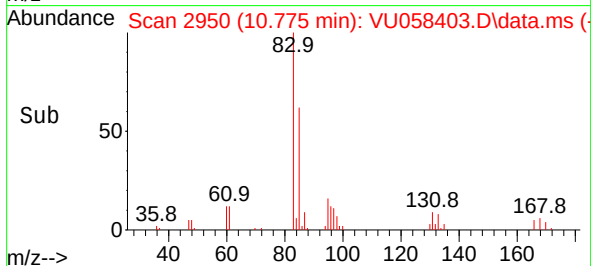
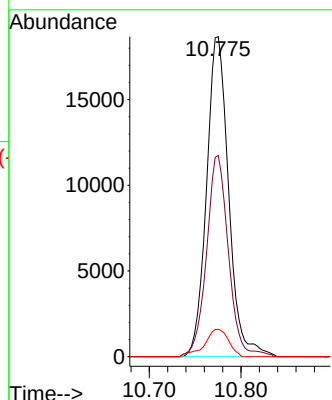
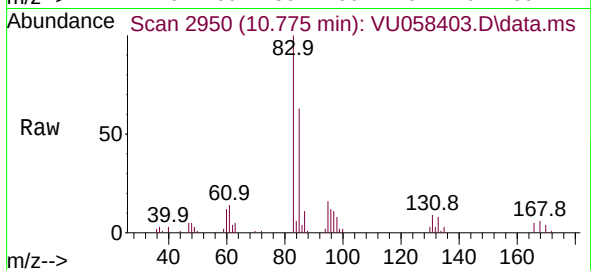
Tgt Ion: 83 Resp: 31287

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.7

131 8.5 6.9 10.3



#59

Bromoform

Concen: 5.325 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

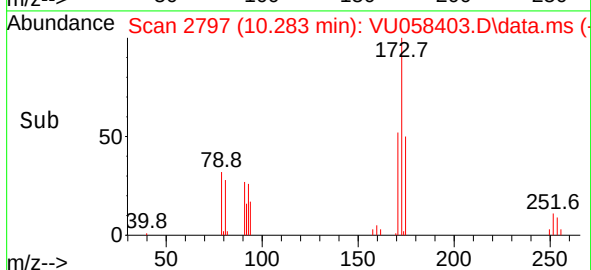
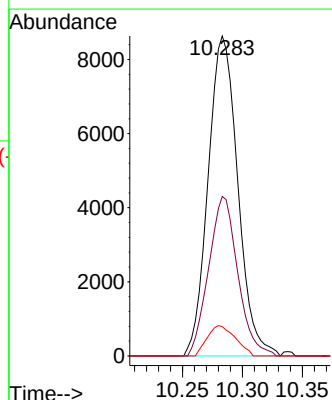
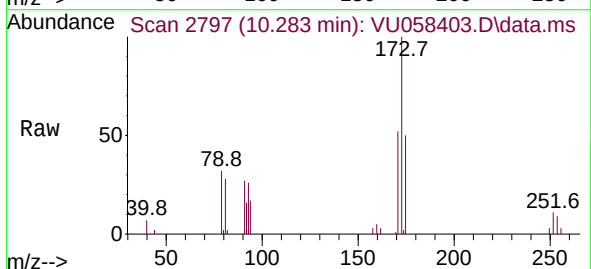
Tgt Ion:173 Resp: 14837

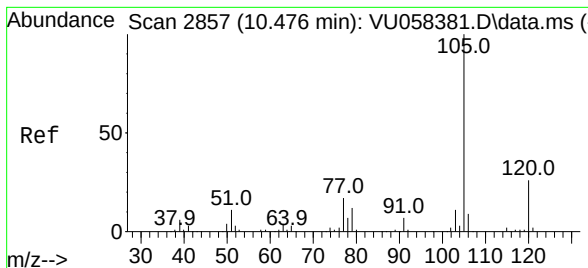
Ion Ratio Lower Upper

173 100

175 48.9 38.0 57.0

254 9.0 7.5 11.3





#60

Isopropylbenzene

Concen: 5.282 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058403.D

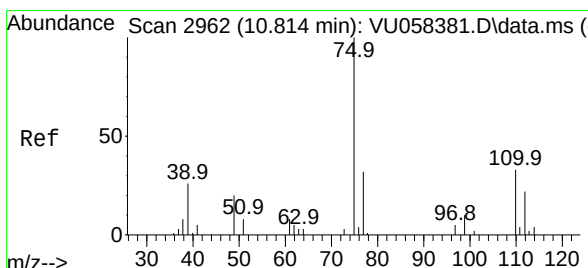
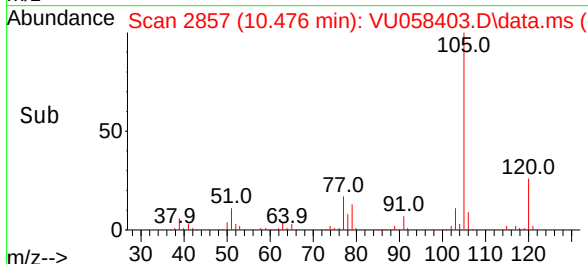
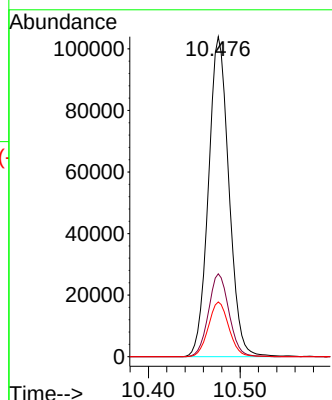
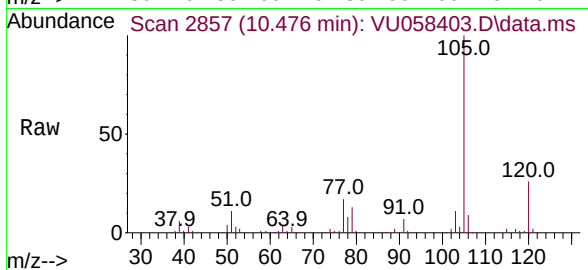
Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	161290
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.2	30.4
77	17.1	13.5	20.3



#61

1,2,3-Trichloropropane

Concen: 5.342 ug/L

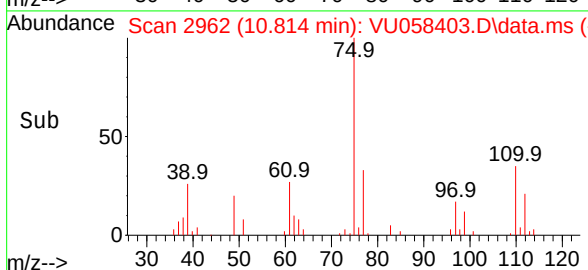
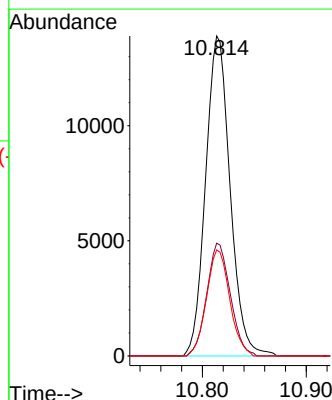
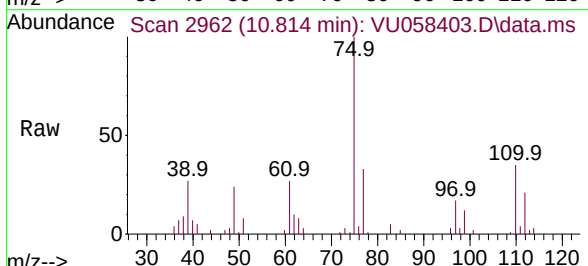
RT: 10.814 min Scan# 2962

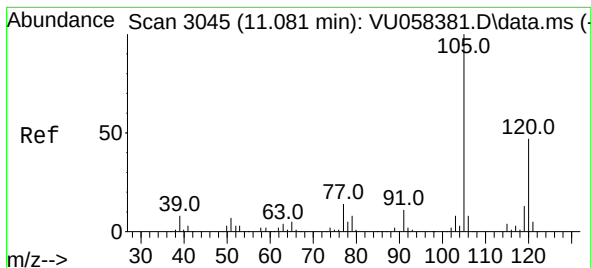
Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Tgt Ion:	75	Resp:	22735
Ion	Ratio	Lower	Upper
75	100		
110	33.9	25.8	38.6
77	31.4	25.1	37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.193 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

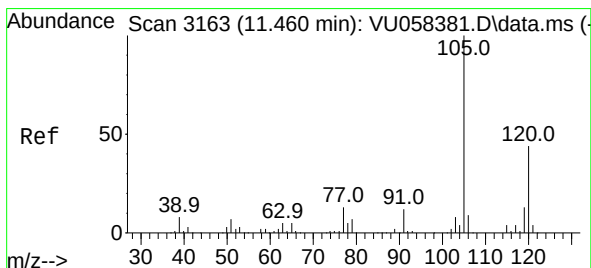
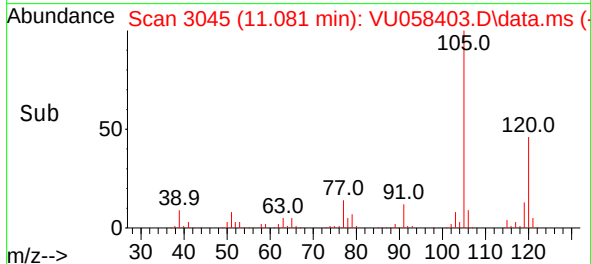
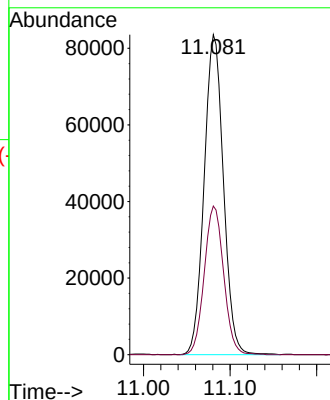
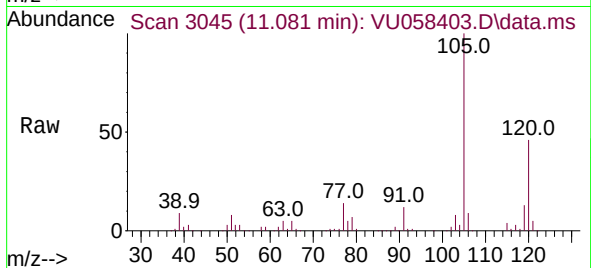
ClientSampleId :

Tgt Ion:105 Resp: 129300

Ion Ratio Lower Upper

105 100

120 46.7 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.222 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058403.D

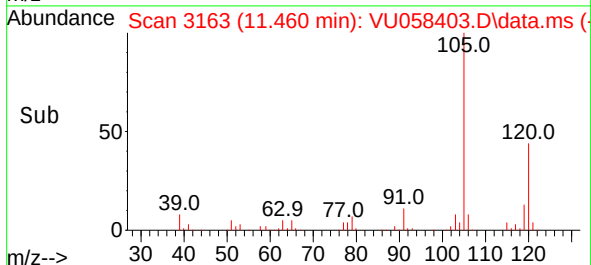
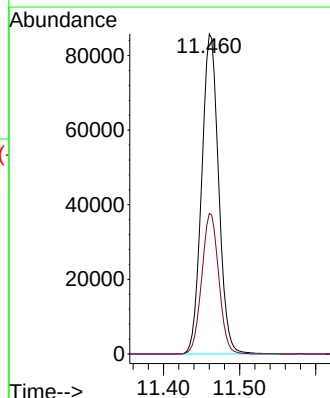
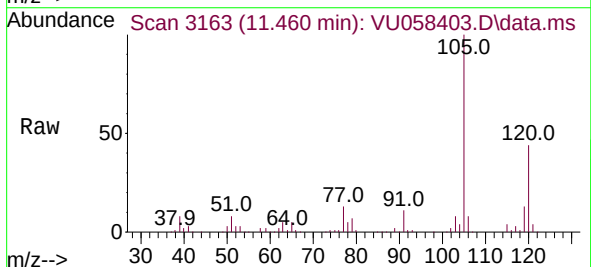
Acq: 05 Apr 2024 06:13

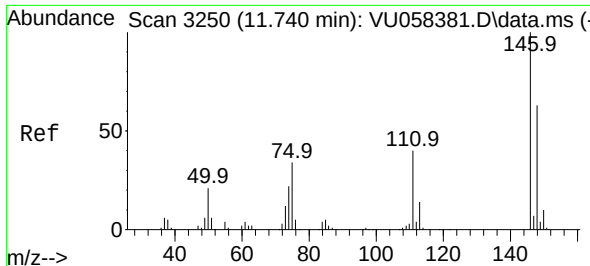
Tgt Ion:105 Resp: 132754

Ion Ratio Lower Upper

105 100

120 44.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.182 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

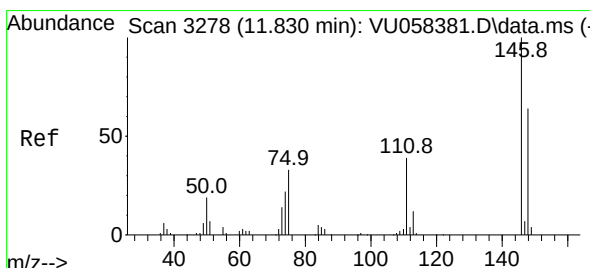
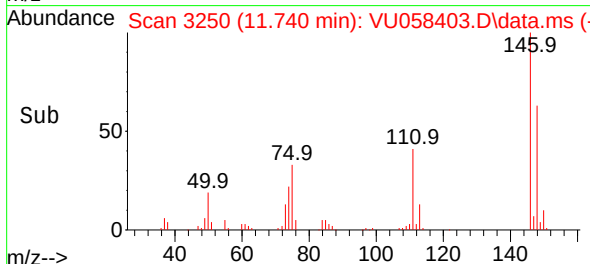
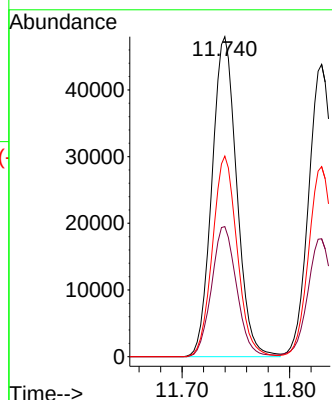
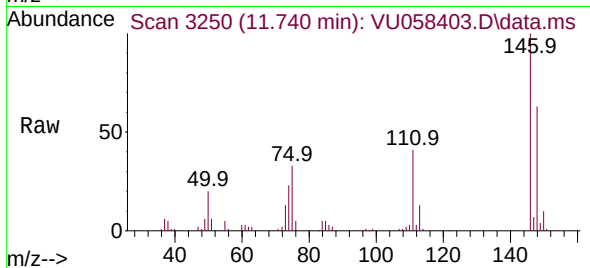
Tgt Ion:146 Resp: 76859

Ion Ratio Lower Upper

146 100

111 40.6 28.8 53.4

148 62.7 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 5.013 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

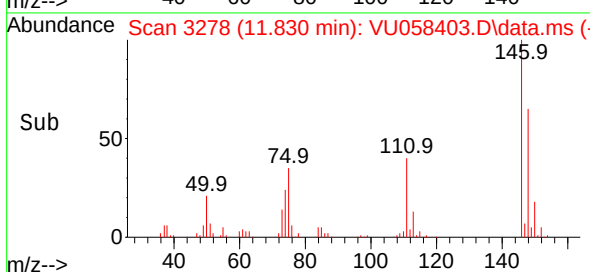
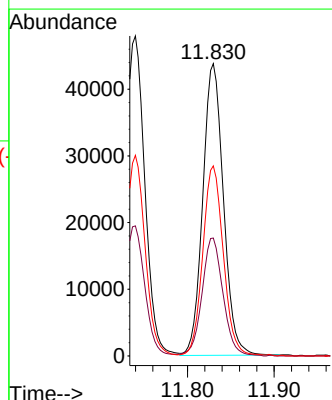
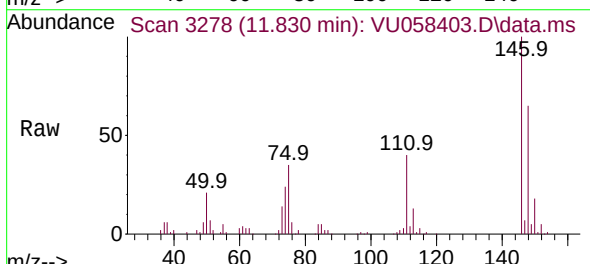
Tgt Ion:146 Resp: 72433

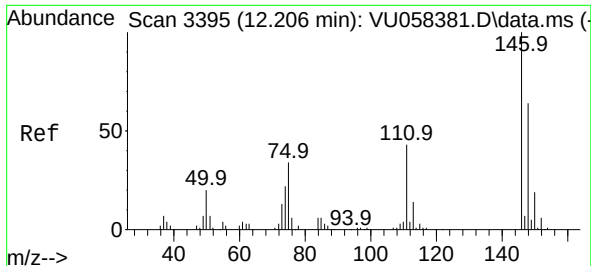
Ion Ratio Lower Upper

146 100

111 40.4 28.8 53.6

148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.061 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

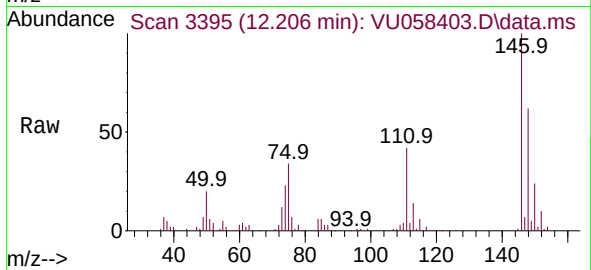
Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :



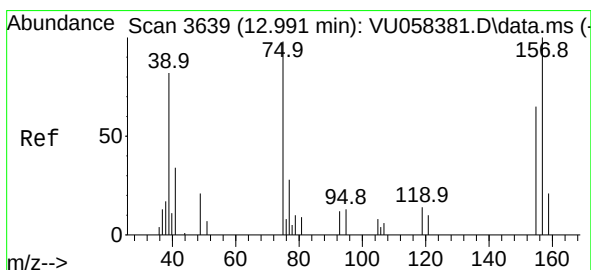
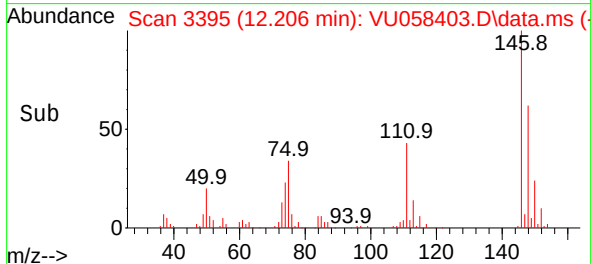
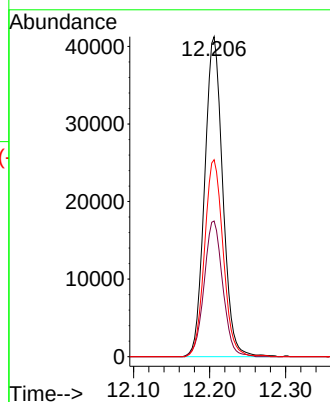
Tgt Ion:146 Resp: 68283

Ion Ratio Lower Upper

146 100

111 42.4 35.0 52.4

148 61.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.399 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

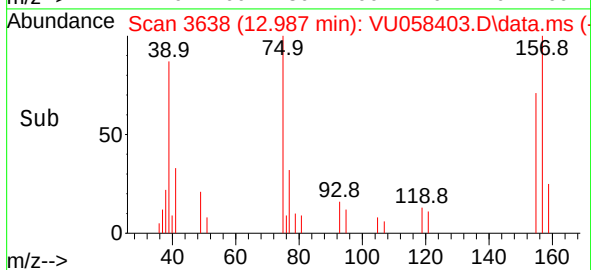
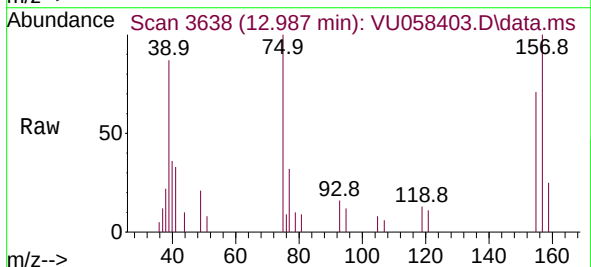
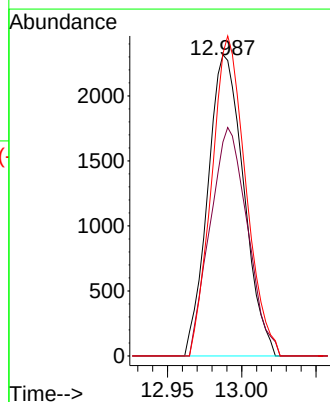
Tgt Ion: 75 Resp: 3896

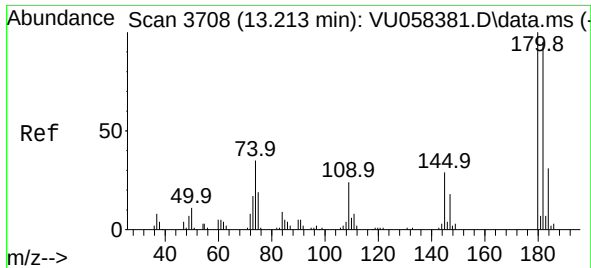
Ion Ratio Lower Upper

75 100

155 71.0 61.4 92.0

157 100.4 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.642 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

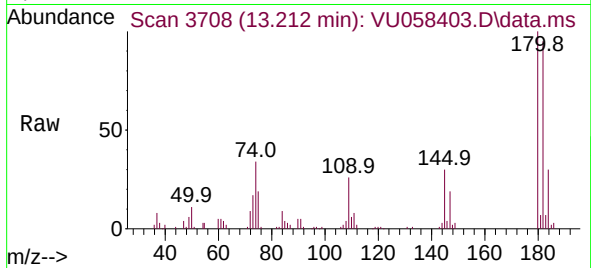
Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 50913

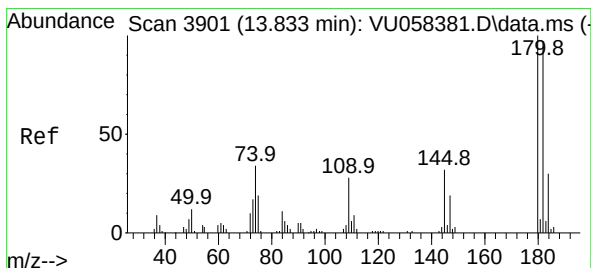
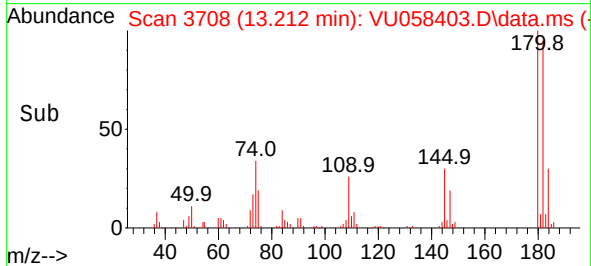
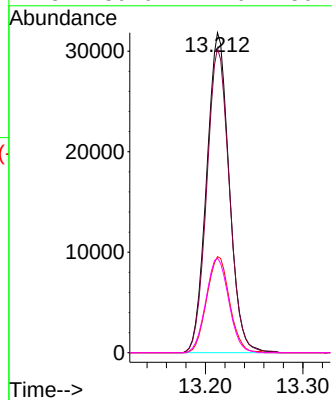
Ion Ratio Lower Upper

180 100

182 95.6 75.7 113.5

184 30.6 24.3 36.5

145 30.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.227 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

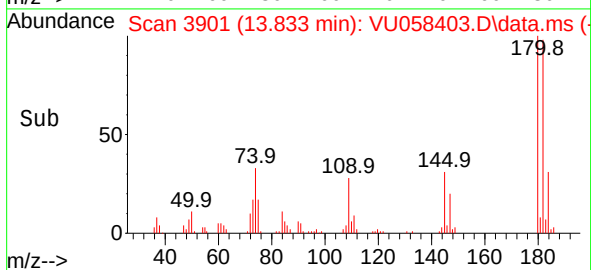
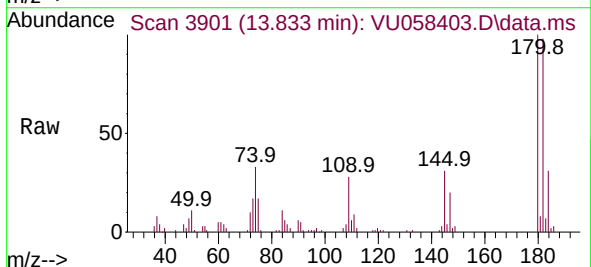
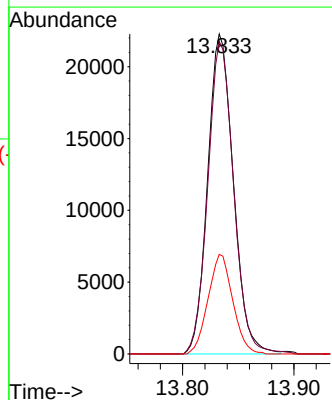
Tgt Ion:180 Resp: 35748

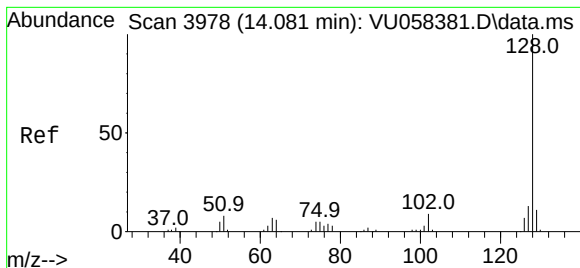
Ion Ratio Lower Upper

180 100

182 97.9 74.4 111.6

145 29.9 24.1 36.1





#71

Naphthalene

Concen: 3.665 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Instrument :

MSVOA_U

ClientSampleId :

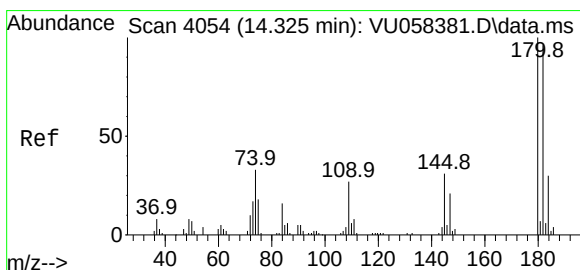
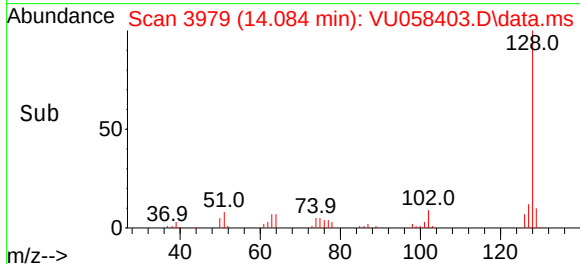
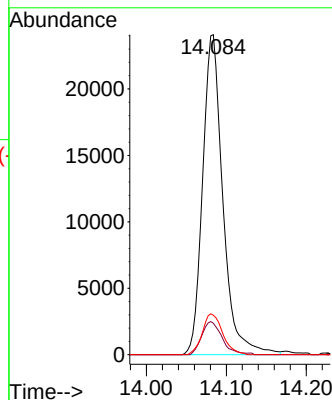
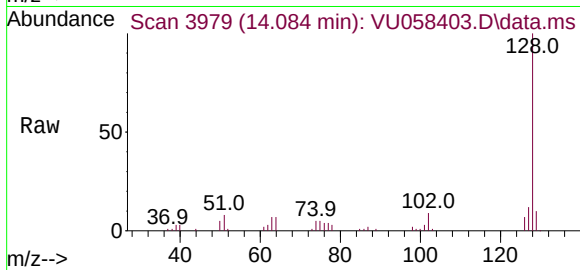
Tgt Ion:128 Resp: 42473

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

127 12.8 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.350 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU058403.D

Acq: 05 Apr 2024 06:13

Tgt Ion:180 Resp: 30381

Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 32.5 25.2 37.8

