

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058547.D
 Acq On : 10 Apr 2024 09:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	65175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	62927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	30144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22094	5.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.904	69	19743	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.557	65	9554	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.634	46	39326	43.247	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.500%
24) Chloroform-d	5.052	84	43150	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	19327	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.718	84	84151	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.682	67	25208	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	74104	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.177	79	6883	4.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	28560	41.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.980%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15819	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	21267	4.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	29149	5.366	ug/L	97
3) Chloromethane	1.512	50	36615	5.507	ug/L	100
5) Vinyl chloride	1.599	62	36796	5.542	ug/L	98
6) Bromomethane	1.853	94	17000	5.412	ug/L	100
8) Chloroethane	1.927	64	26337	6.279	ug/L	98
9) Trichlorofluoromethane	2.129	101	53729	6.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	29186	5.602	ug/L	97
12) 1,1-Dichloroethene	2.570	96	26015	5.632	ug/L	95
13) Acetone	2.644	43	35977	46.354	ug/L	98
14) Carbon disulfide	2.782	76	77463	5.280	ug/L	98
15) Methyl Acetate	2.952	43	10573	5.774	ug/L	99
16) Methylene chloride	3.033	84	37772	6.162	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	59634	5.466	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	27521	5.685	ug/L	98
19) 1,1-Dichloroethane	3.856	63	62348	5.901	ug/L	98
21) 2-Butanone	4.708	43	62304	53.708	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	30687	5.645	ug/L	92
23) Bromochloromethane	4.965	128	12179	5.686	ug/L	98
25) Chloroform	5.078	83	61105	5.975	ug/L	97

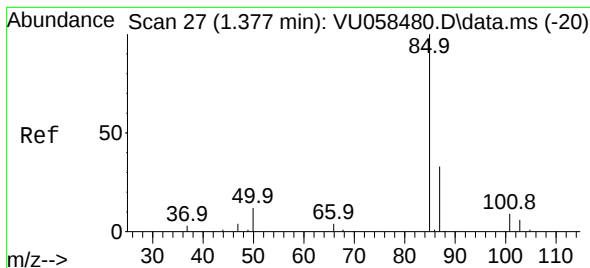
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	36376	5.841	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	48235	5.717	ug/L	97
30) Cyclohexane	5.380	56	48690	5.464	ug/L	99
31) Carbon tetrachloride	5.515	117	40750	5.703	ug/L	99
33) Benzene	5.766	78	129460	5.675	ug/L	100
34) Trichloroethene	6.534	95	31665	5.507	ug/L	96
35) Methylcyclohexane	6.756	83	44916	5.185	ug/L	96
37) 1,2-Dichloropropane	6.782	63	36321	6.052	ug/L	99
38) Bromodichloromethane	7.097	83	39744	5.802	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	39226	5.140	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	158746	56.196	ug/L	98
42) Toluene	7.962	91	135078	5.646	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	31662	5.261	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	20077	5.728	ug/L	98
47) Tetrachloroethene	8.547	164	21853	5.184	ug/L	99
48) 2-Hexanone	8.679	43	109295	54.500	ug/L	98
49) Dibromochloromethane	8.801	129	22858	5.641	ug/L	99
50) 1,2-Dibromoethane	8.917	107	17734	5.532	ug/L	96
51) Chlorobenzene	9.441	112	79991	5.525	ug/L	99
52) Ethylbenzene	9.563	91	138641	5.470	ug/L	100
53) m,p-Xylene	9.688	106	50805	5.597	ug/L	99
54) o-Xylene	10.094	106	49377	5.549	ug/L	99
55) Styrene	10.110	104	80650	5.633	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	24203	5.598	ug/L	98
59) Bromoform	10.283	173	10867	5.396	ug/L	96
60) Isopropylbenzene	10.479	105	126428	5.729	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17415	5.662	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	98750	5.487	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	100282	5.457	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57599	5.373	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	54172	5.187	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	51662	5.298	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2945	5.646	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	39255	4.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	25964	4.248	ug/L	98
71) Naphthalene	14.084	128	29061	3.469	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	21689	4.297	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.366 ug/L

RT: 1.380 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

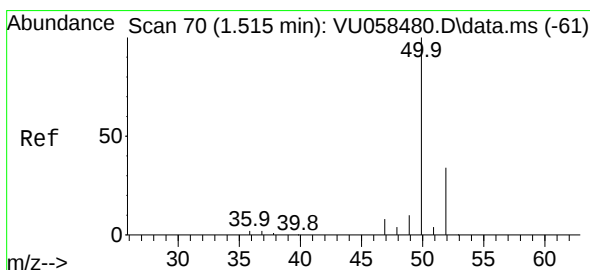
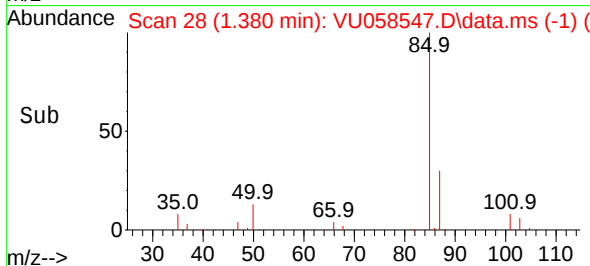
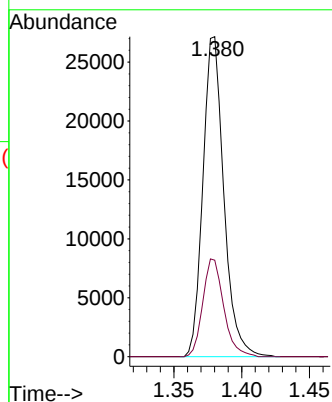
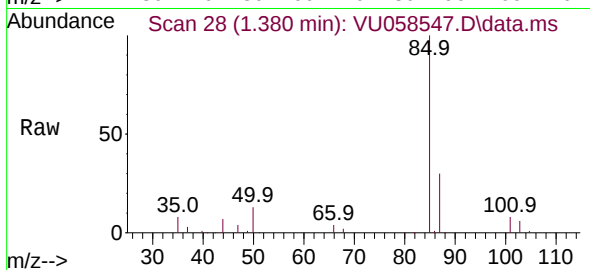
ClientSampleId :

Tgt Ion: 85 Resp: 29149

Ion Ratio Lower Upper

85 100

87 30.5 25.9 38.9



#3

Chloromethane

Concen: 5.507 ug/L

RT: 1.512 min Scan# 69

Delta R.T. -0.000 min

Lab File: VU058547.D

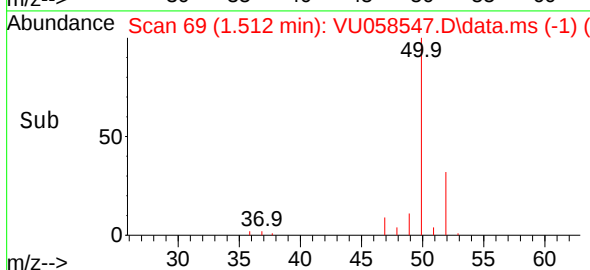
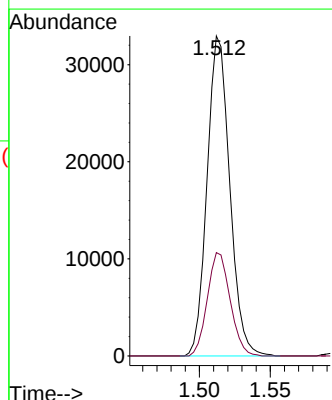
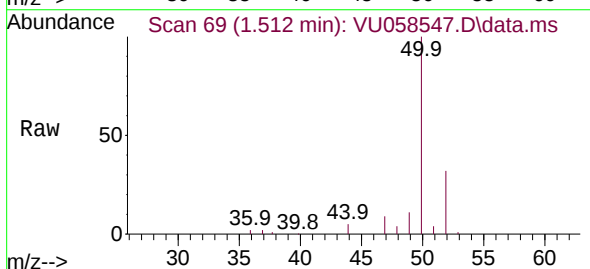
Acq: 10 Apr 2024 09:32

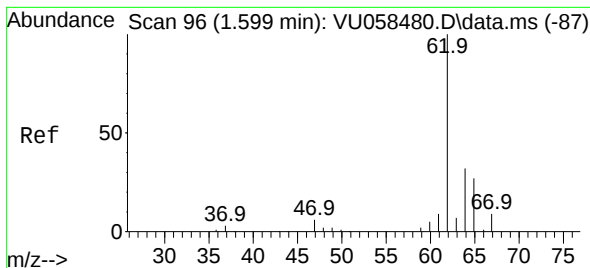
Tgt Ion: 50 Resp: 36615

Ion Ratio Lower Upper

50 100

52 32.3 22.6 42.0





#5

Vinyl chloride

Concen: 5.542 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

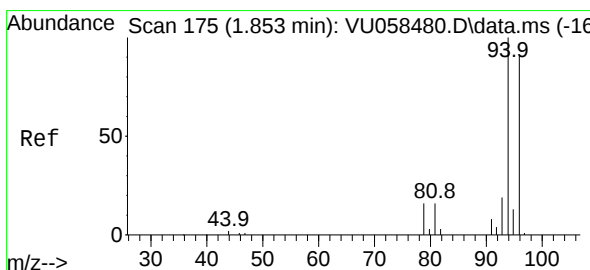
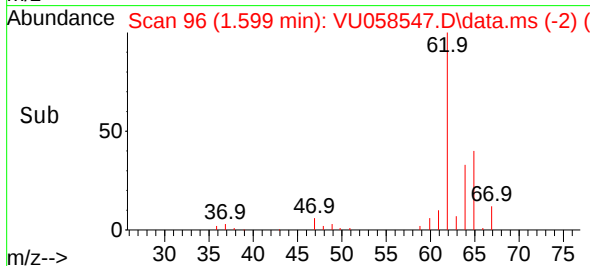
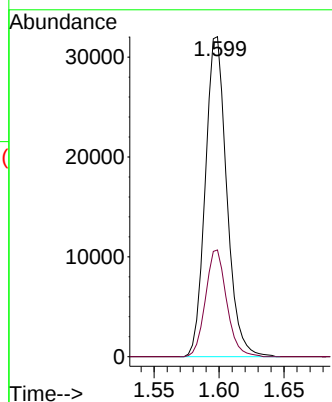
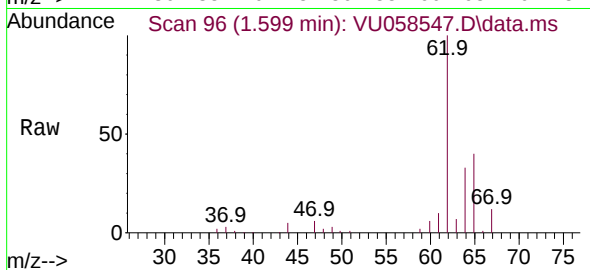
ClientSampleId :

Tgt Ion: 62 Resp: 36796

Ion Ratio Lower Upper

62 100

64 33.3 22.6 42.0



#6

Bromomethane

Concen: 5.412 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU058547.D

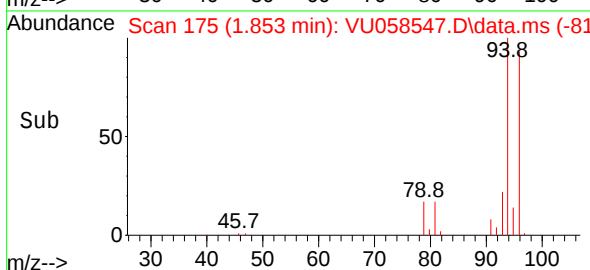
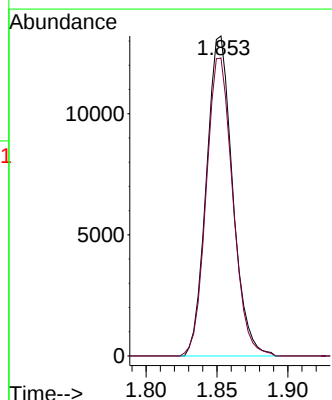
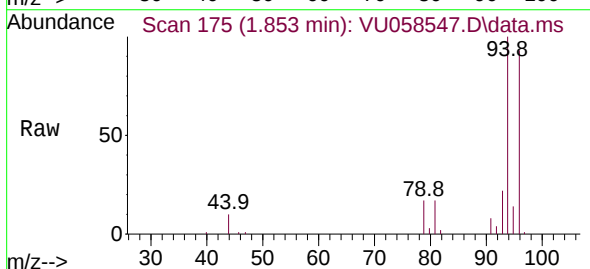
Acq: 10 Apr 2024 09:32

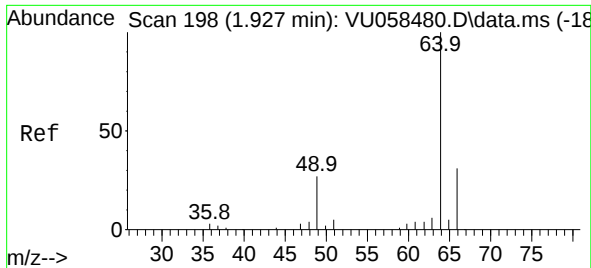
Tgt Ion: 94 Resp: 17000

Ion Ratio Lower Upper

94 100

96 93.1 65.4 121.4

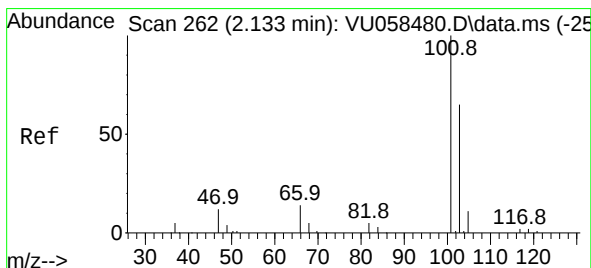
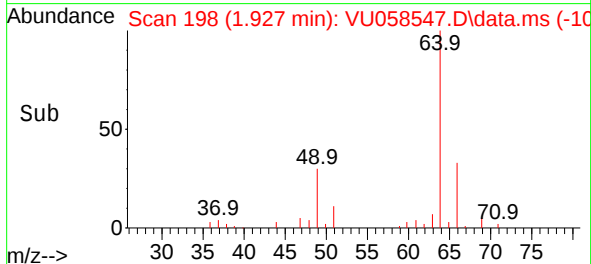
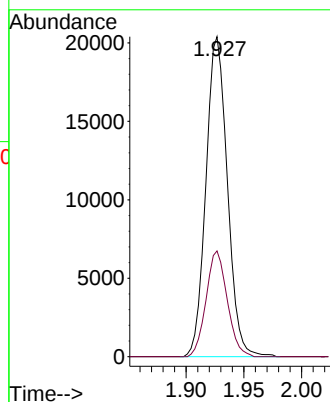
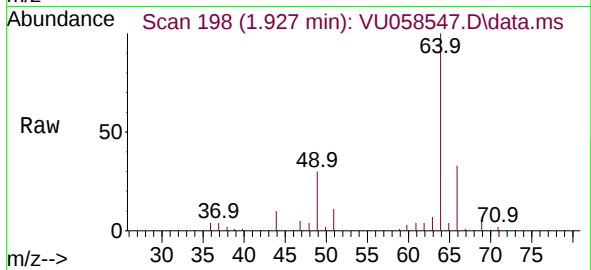




#8
Chloroethane
Concen: 6.279 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

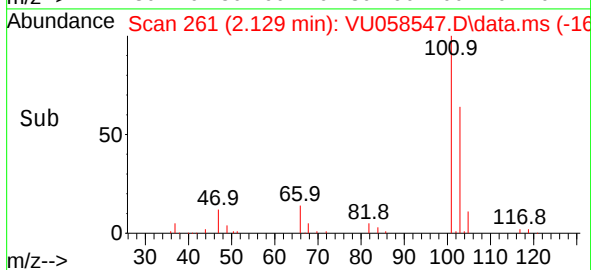
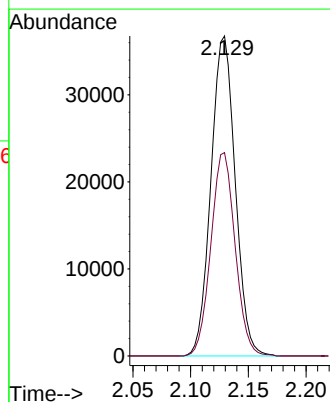
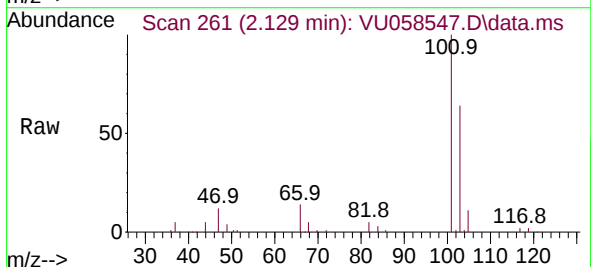
Instrument :
MSVOA_U
ClientSampleId :

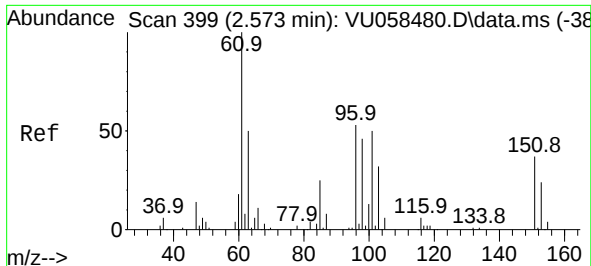
Tgt Ion: 64 Resp: 26337
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 6.128 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:101 Resp: 53729
Ion Ratio Lower Upper
101 100
103 63.5 51.2 76.8





#10

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

Concen: 5.602 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

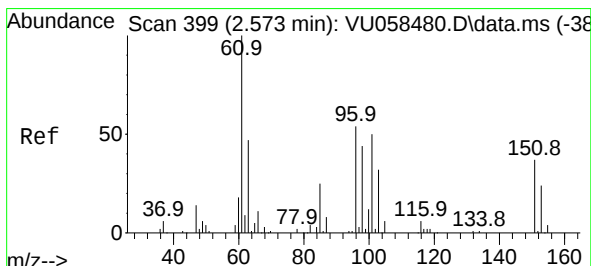
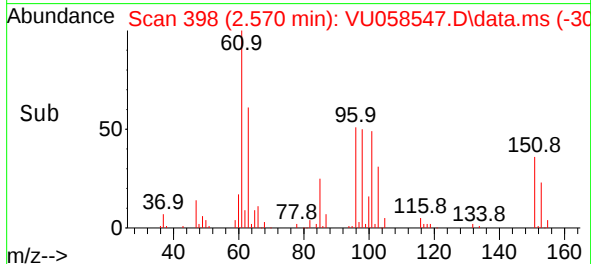
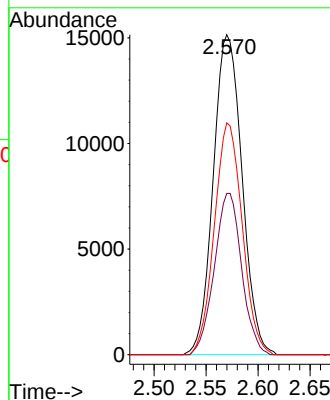
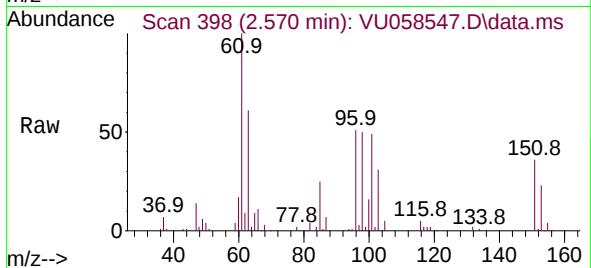
Tgt Ion:101 Resp: 29186

Ion Ratio Lower Upper

101 100

85 47.8 36.8 55.2

151 70.1 58.2 87.4



#12

1,1-Dichloroethene

Concen: 5.632 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

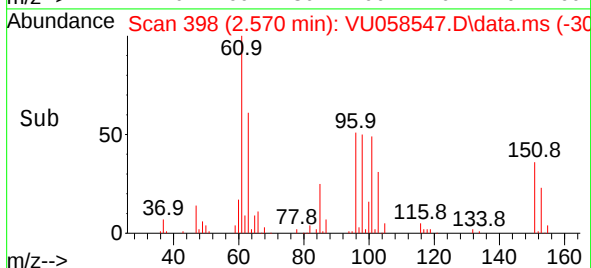
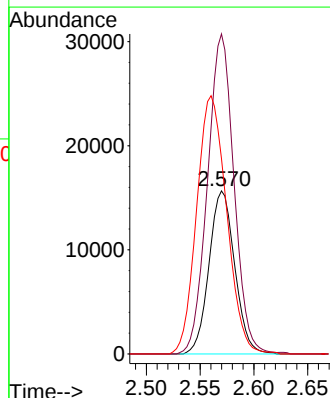
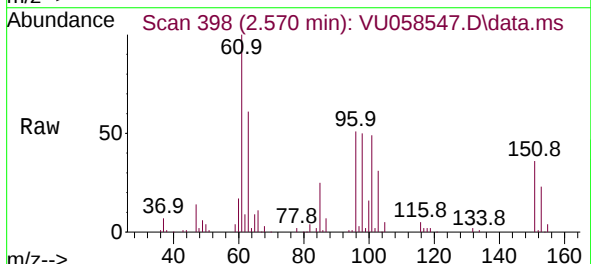
Tgt Ion: 96 Resp: 26015

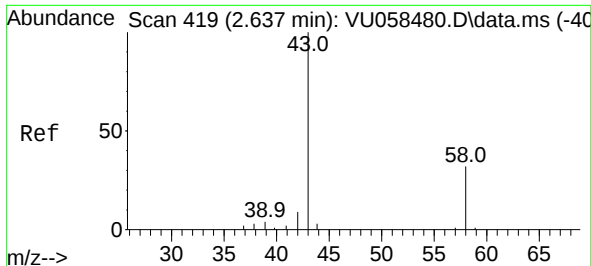
Ion Ratio Lower Upper

96 100

61 196.2 132.5 246.1

63 119.8 87.7 162.9





#13

Acetone

Concen: 46.354 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

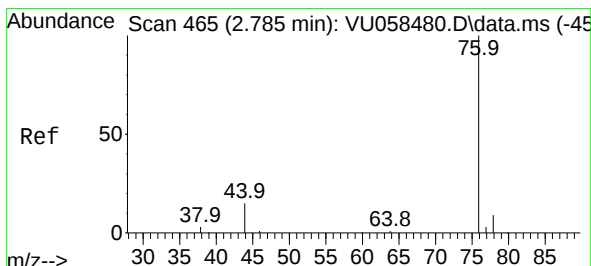
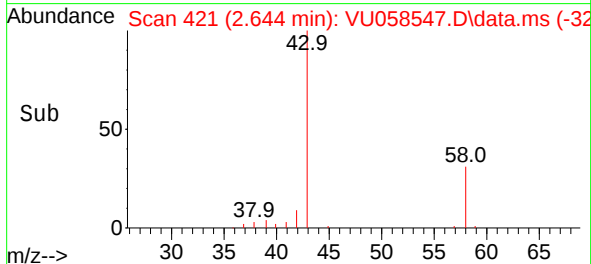
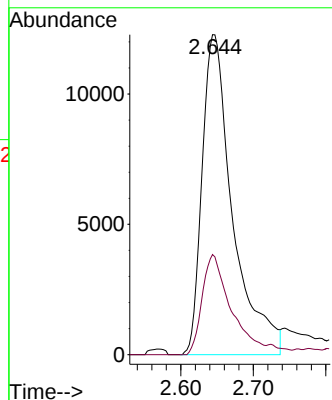
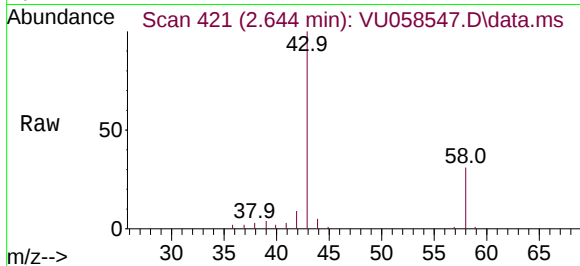
ClientSampleId :

Tgt Ion: 43 Resp: 35977

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.4



#14

Carbon disulfide

Concen: 5.280 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU058547.D

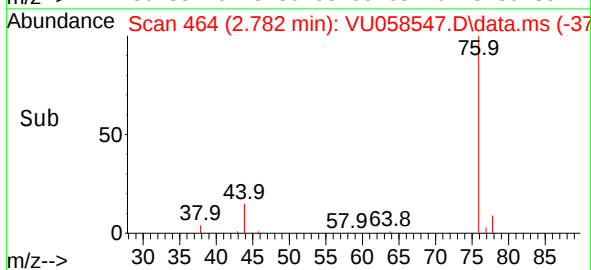
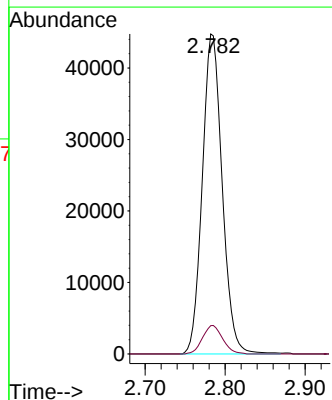
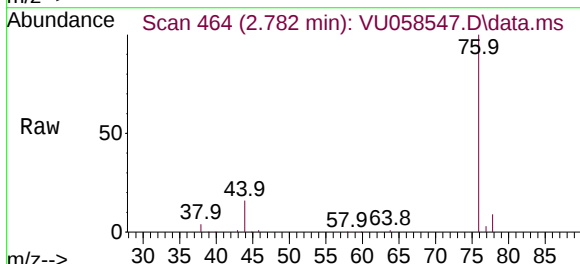
Acq: 10 Apr 2024 09:32

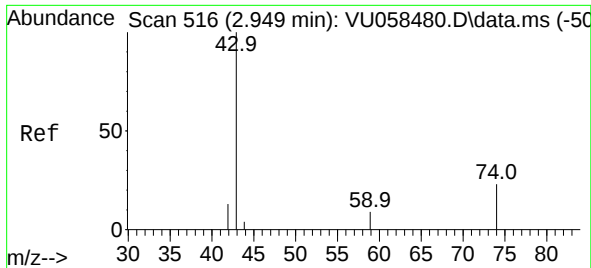
Tgt Ion: 76 Resp: 77463

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#15

Methyl Acetate

Concen: 5.774 ug/L

RT: 2.952 min Scan# 516

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

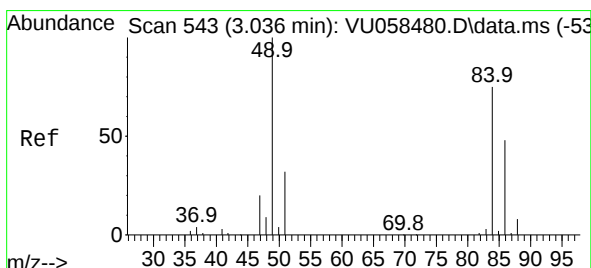
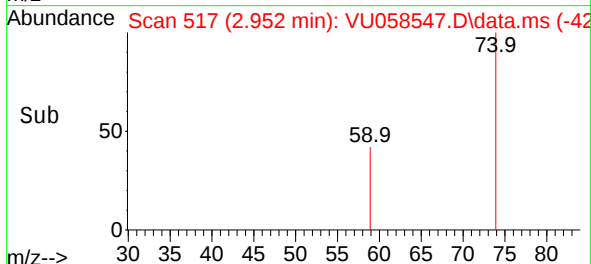
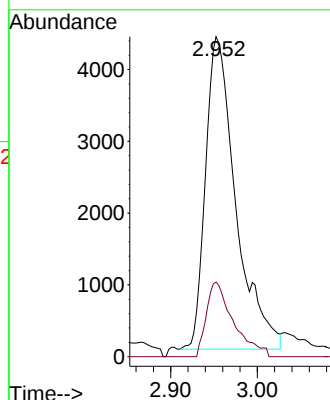
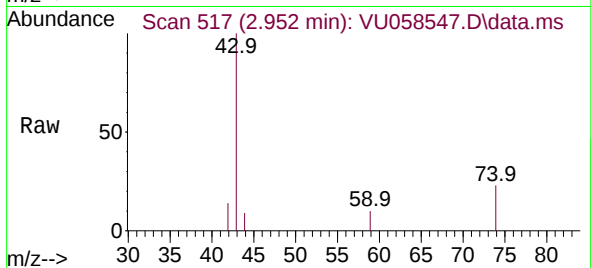
ClientSampleId :

Tgt Ion: 43 Resp: 10573

Ion Ratio Lower Upper

43 100

74 21.3 16.6 25.0



#16

Methylene chloride

Concen: 6.162 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

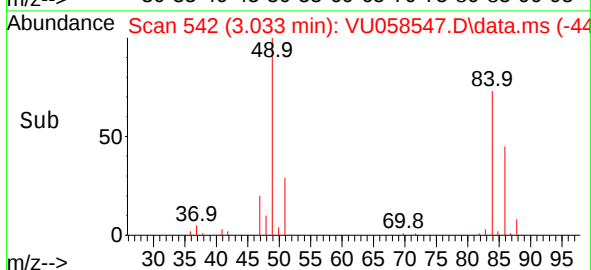
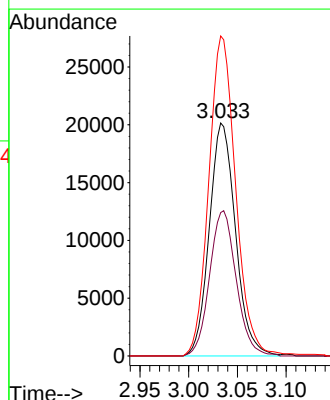
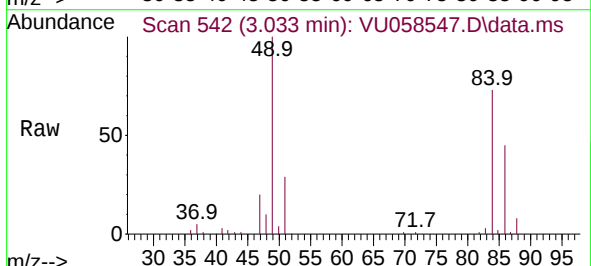
Tgt Ion: 84 Resp: 37772

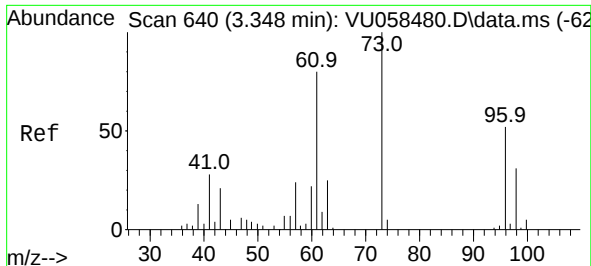
Ion Ratio Lower Upper

84 100

86 61.5 44.3 82.3

49 137.3 96.0 178.2

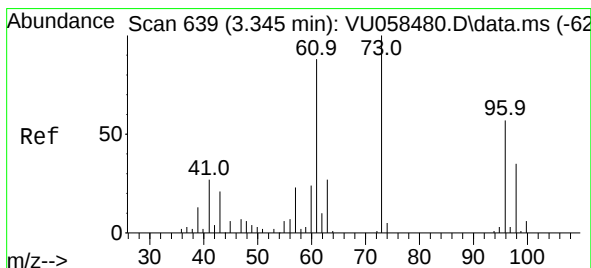
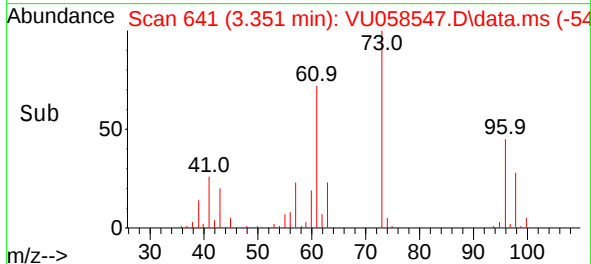
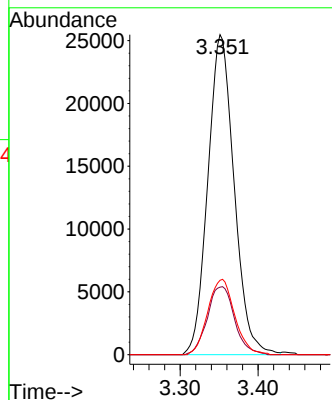
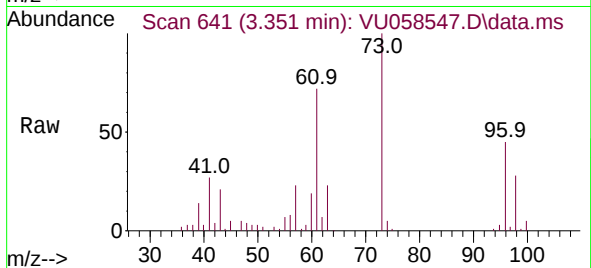




#17
Methyl tert-butyl Ether
Concen: 5.466 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

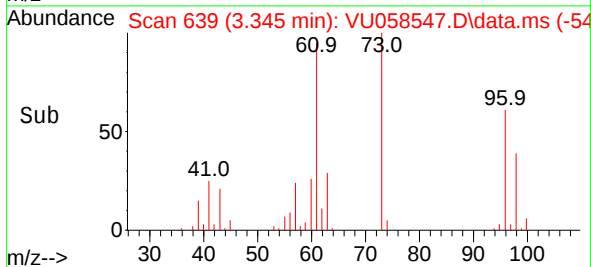
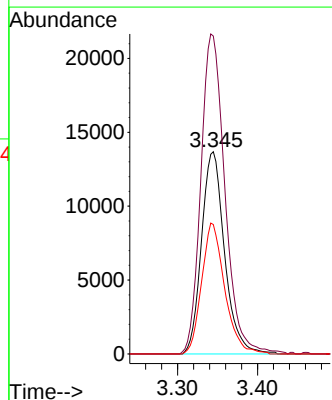
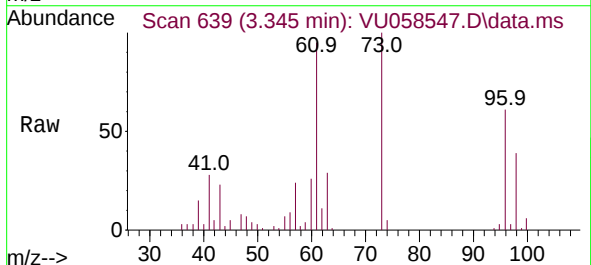
Instrument :
MSVOA_U
ClientSampleId :

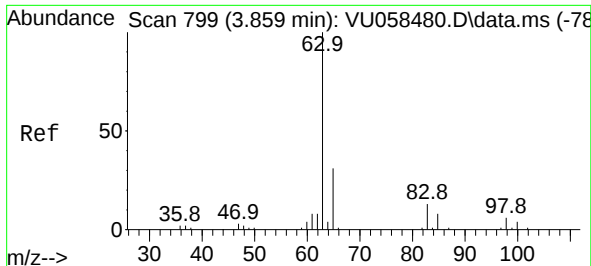
Tgt Ion: 73 Resp: 59634
Ion Ratio Lower Upper
73 100
43 22.0 17.4 26.2
57 24.2 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.685 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion: 96 Resp: 27521
Ion Ratio Lower Upper
96 100
61 157.1 107.6 199.8
98 64.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.901 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

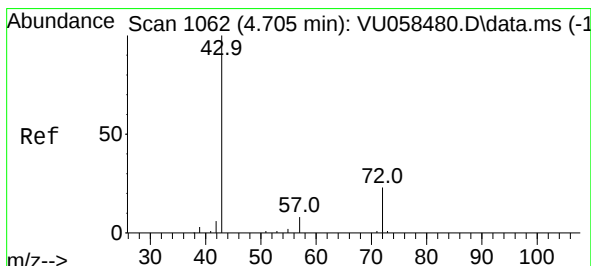
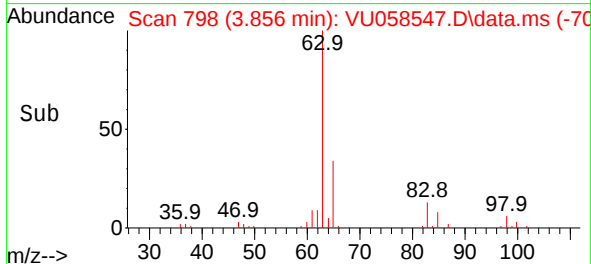
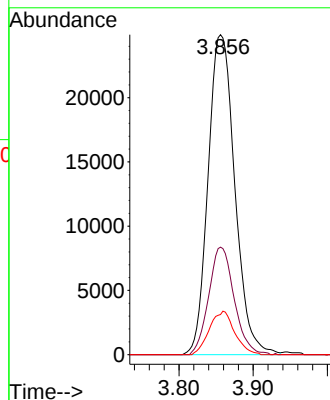
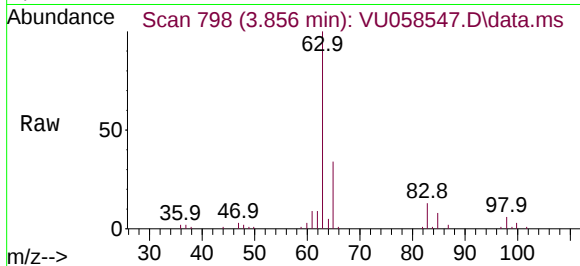
Tgt Ion: 63 Resp: 62348

Ion Ratio Lower Upper

63 100

65 33.6 22.9 42.5

83 12.5 9.6 17.8



#21

2-Butanone

Concen: 53.708 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VU058547.D

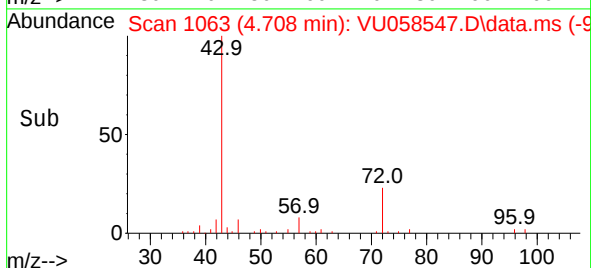
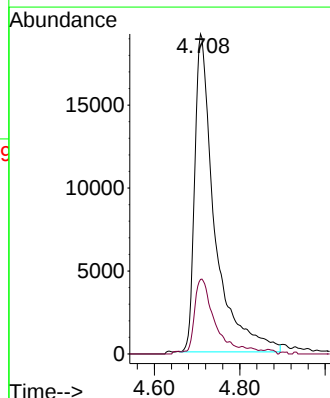
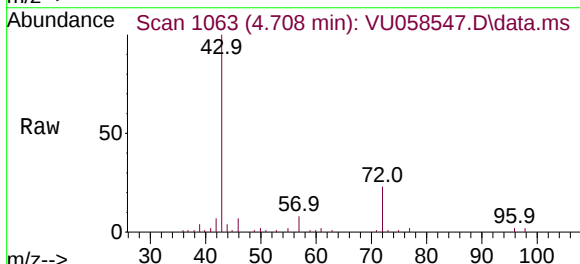
Acq: 10 Apr 2024 09:32

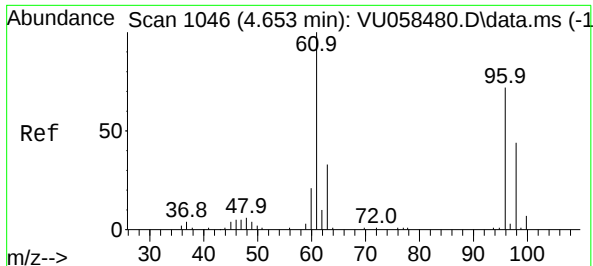
Tgt Ion: 43 Resp: 62304

Ion Ratio Lower Upper

43 100

72 21.6 11.7 35.0

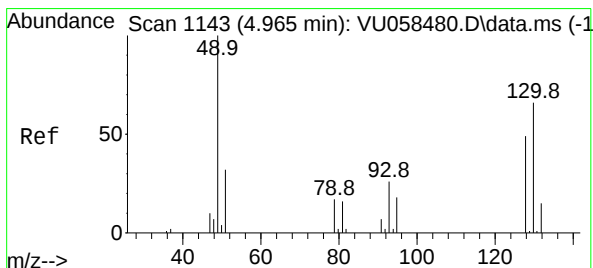
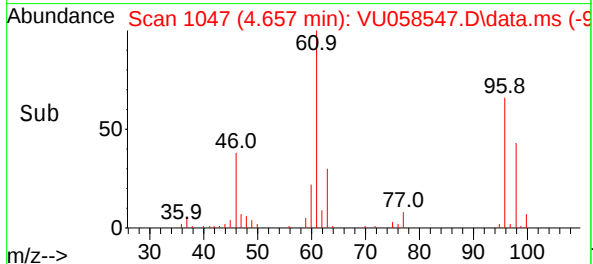
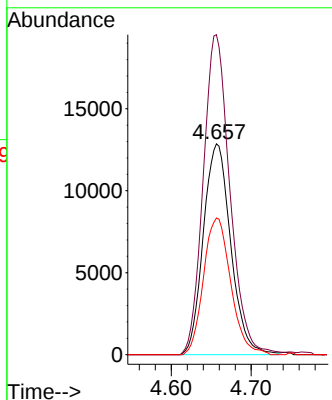
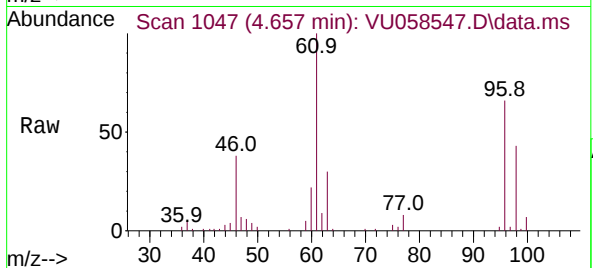




#22
 cis-1,2-Dichloroethene
 Concen: 5.645 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058547.D
 Acq: 10 Apr 2024 09:32

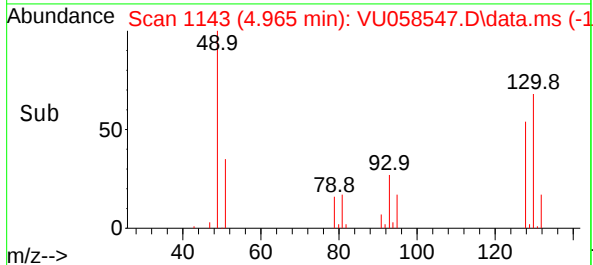
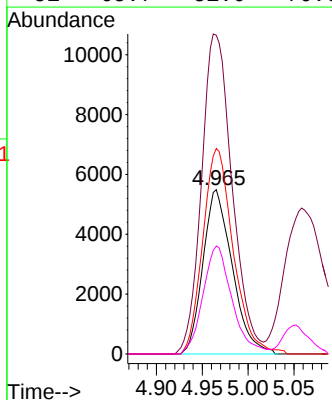
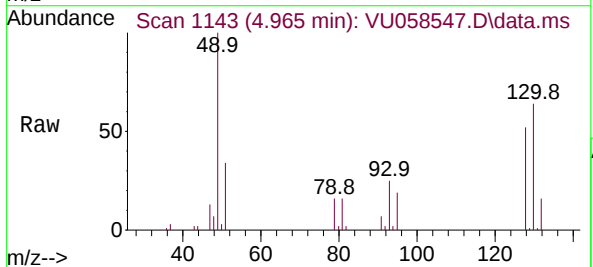
Instrument :
 MSVOA_U
 ClientSampleId :

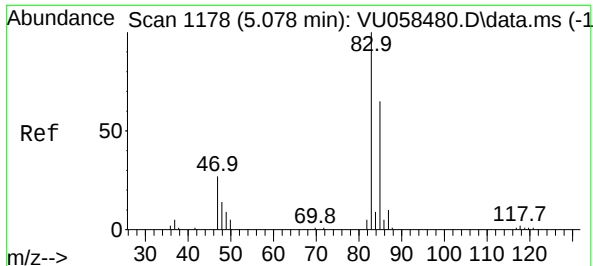
Tgt Ion: 96 Resp: 30687
 Ion Ratio Lower Upper
 96 100
 61 151.7 98.1 182.3
 98 64.8 43.6 81.0



#23
 Bromochloromethane
 Concen: 5.686 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058547.D
 Acq: 10 Apr 2024 09:32

Tgt Ion: 128 Resp: 12179
 Ion Ratio Lower Upper
 128 100
 49 194.0 134.4 249.6
 130 125.0 90.0 167.2
 51 65.7 51.0 76.6





#25

Chloroform

Concen: 5.975 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

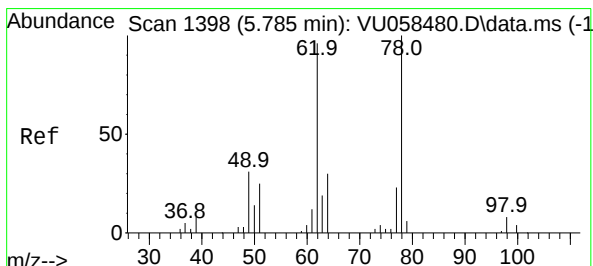
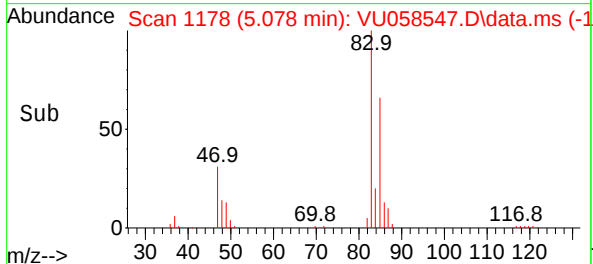
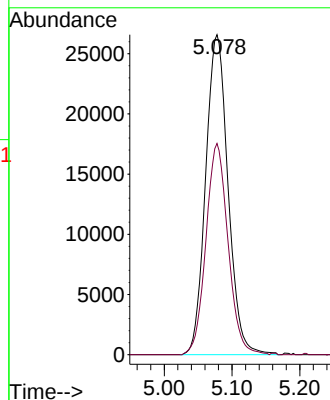
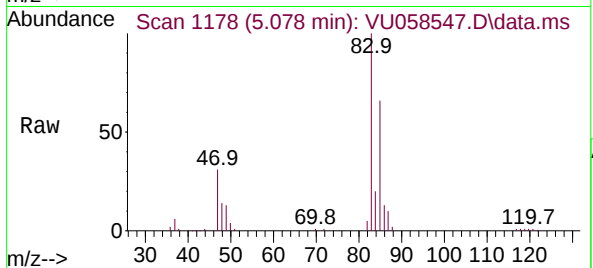
ClientSampleId :

Tgt Ion: 83 Resp: 61105

Ion Ratio Lower Upper

83 100

85 66.0 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.841 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU058547.D

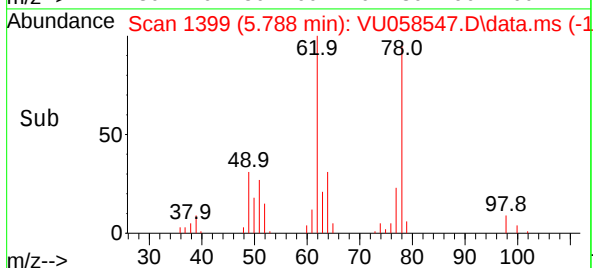
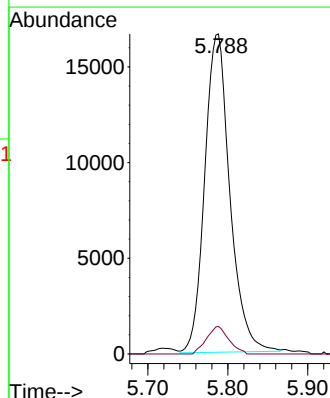
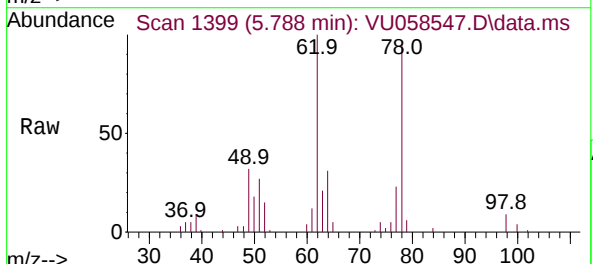
Acq: 10 Apr 2024 09:32

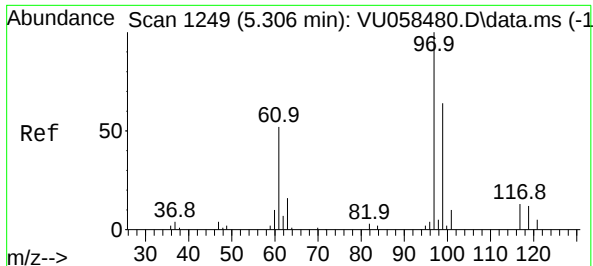
Tgt Ion: 62 Resp: 36376

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.4

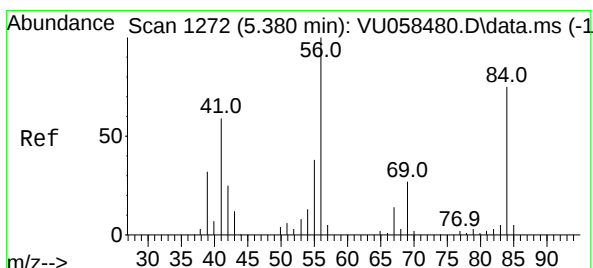
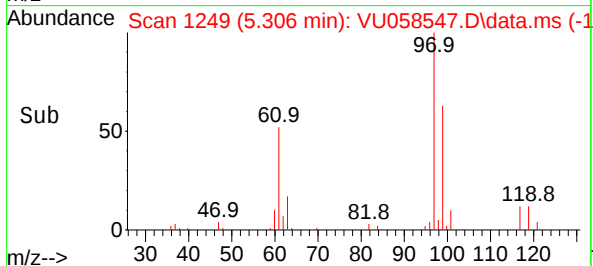
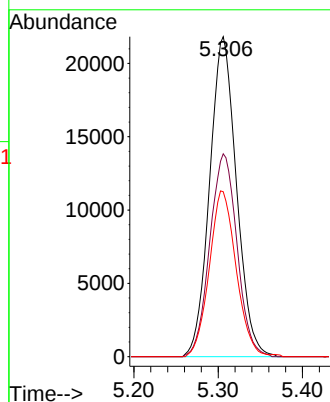
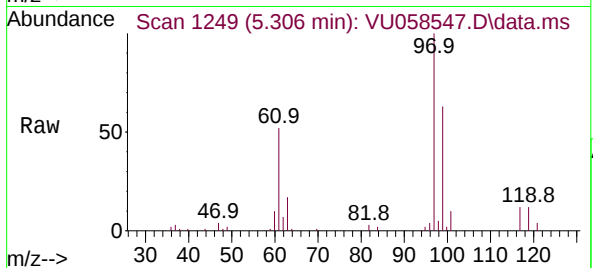




#29
1,1,1-Trichloroethane
Concen: 5.717 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

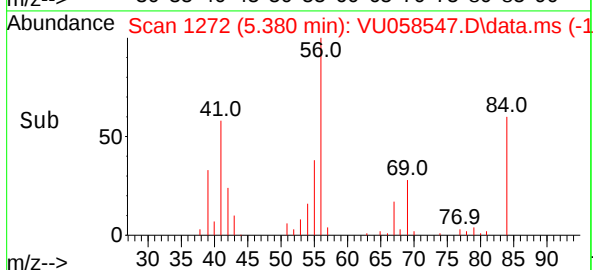
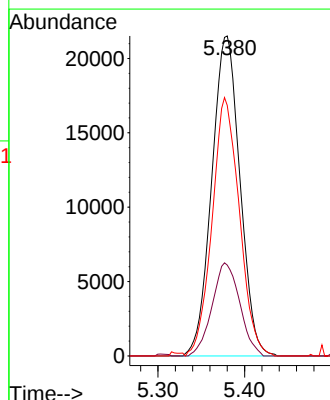
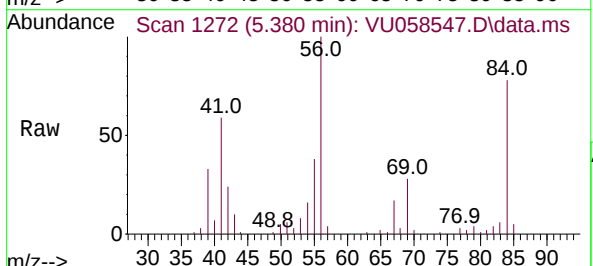
Instrument :
MSVOA_U
ClientSampleId :

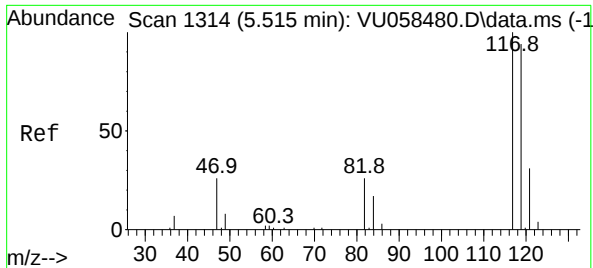
Tgt Ion:	97	Resp:	48235
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.4	75.6
61	51.8	39.4	59.0



#30
Cyclohexane
Concen: 5.464 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:	56	Resp:	48690
Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.2	34.8
84	77.9	63.3	94.9

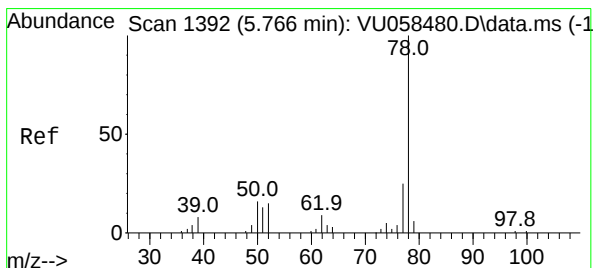
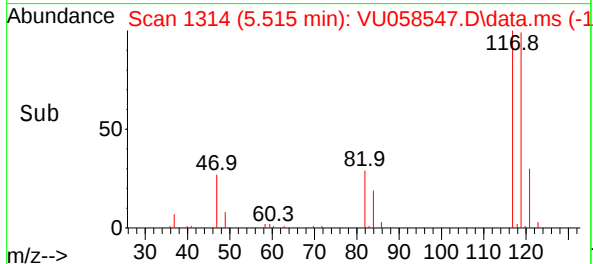
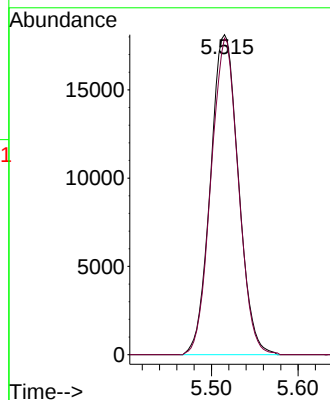
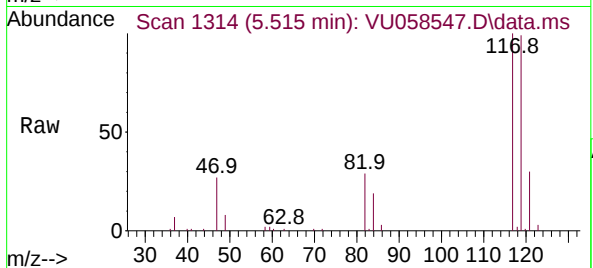




#31
Carbon tetrachloride
Concen: 5.703 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

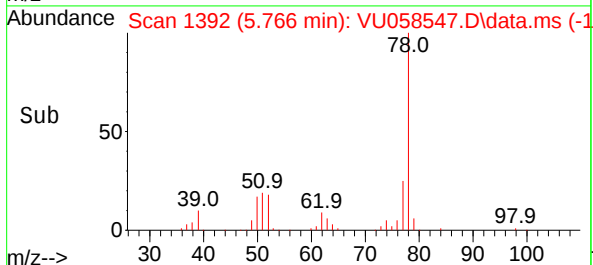
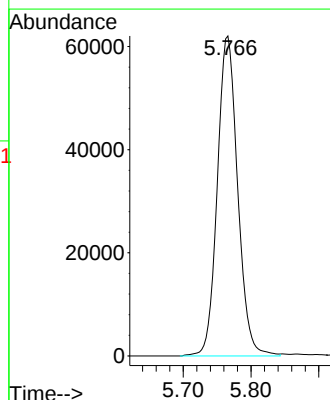
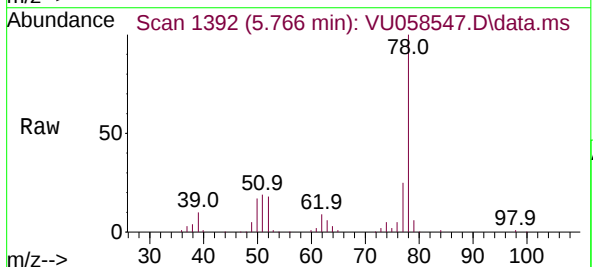
Instrument :
MSVOA_U
ClientSampleId :

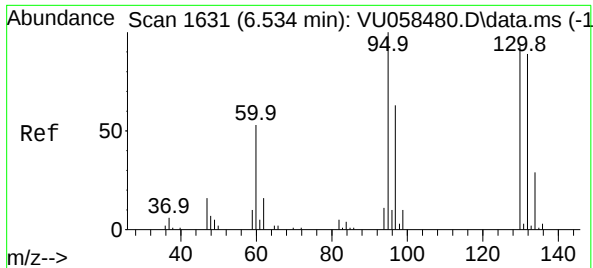
Tgt Ion:117 Resp: 40750
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#33
Benzene
Concen: 5.675 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

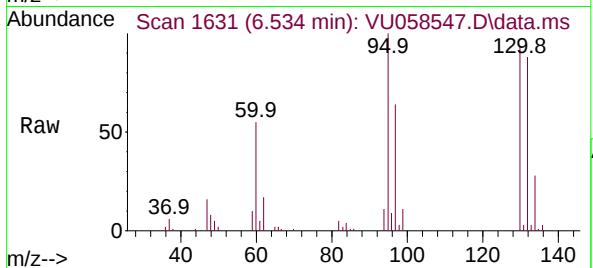
Tgt Ion: 78 Resp: 129460



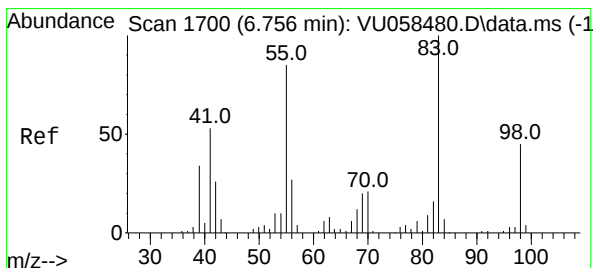
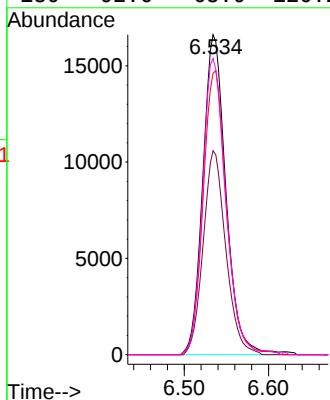
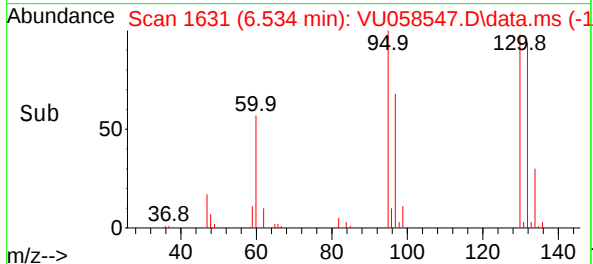


#34
Trichloroethene
Concen: 5.507 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

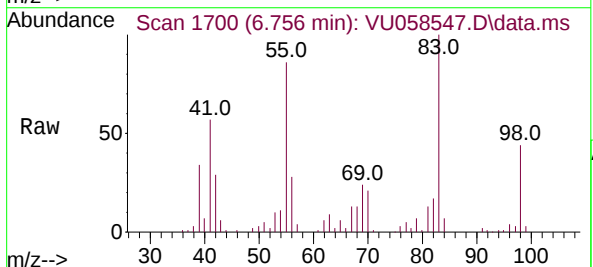
Instrument :
MSVOA_U
ClientSampleId :



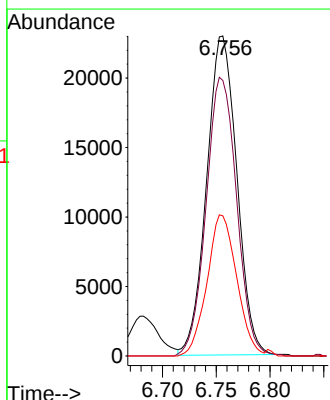
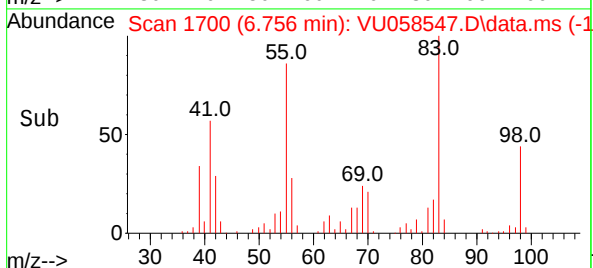
Tgt Ion: 95 Resp: 31665
Ion Ratio Lower Upper
95 100
97 63.8 45.6 84.6
132 88.0 64.8 120.3
130 92.6 68.0 126.2

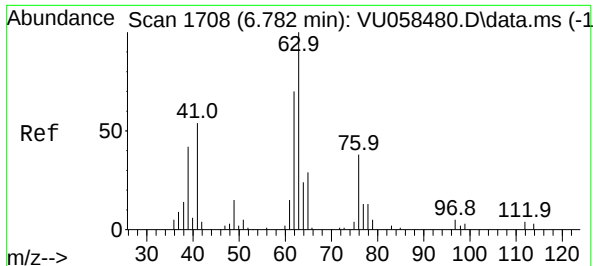


#35
Methylcyclohexane
Concen: 5.185 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32



Tgt Ion: 83 Resp: 44916
Ion Ratio Lower Upper
83 100
55 88.3 66.2 99.4
98 43.4 34.6 52.0

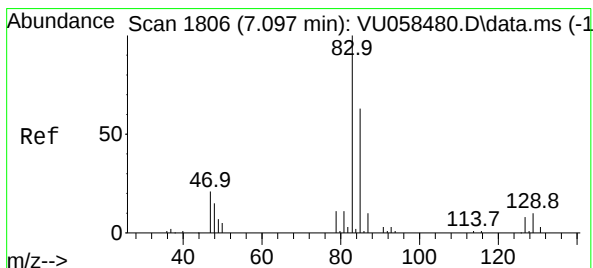
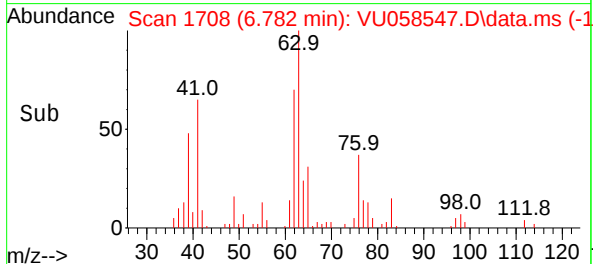
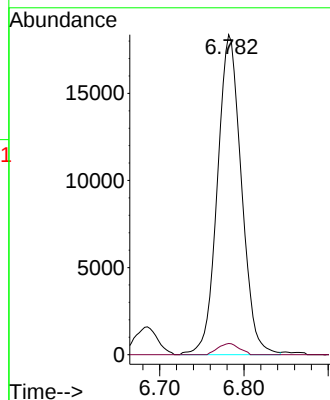
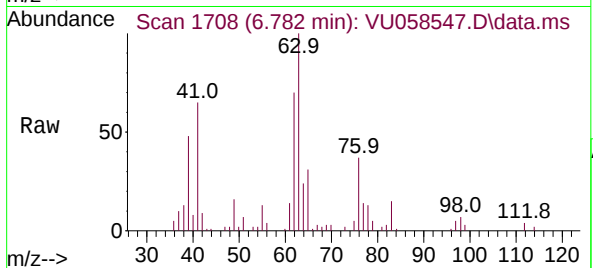




#37
1,2-Dichloropropane
Concen: 6.052 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

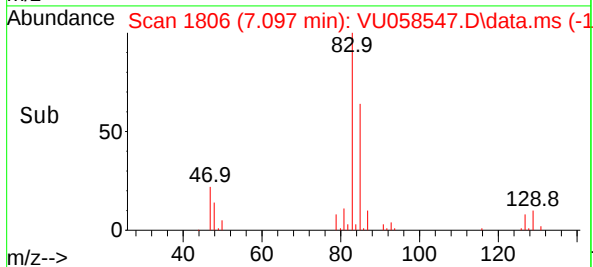
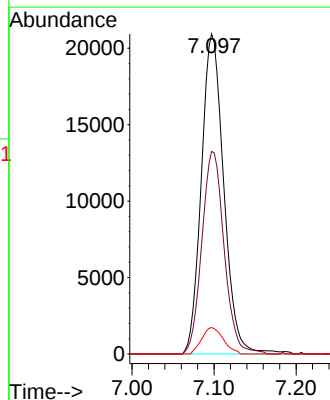
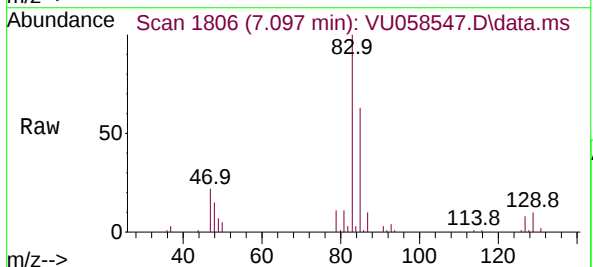
Instrument :
MSVOA_U
ClientSampleId :

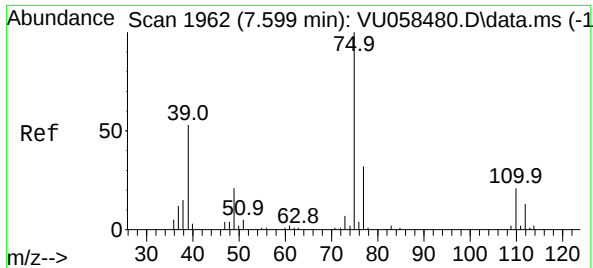
Tgt Ion: 63 Resp: 36321
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 5.802 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion: 83 Resp: 39744
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.2
127 8.2 6.5 9.7

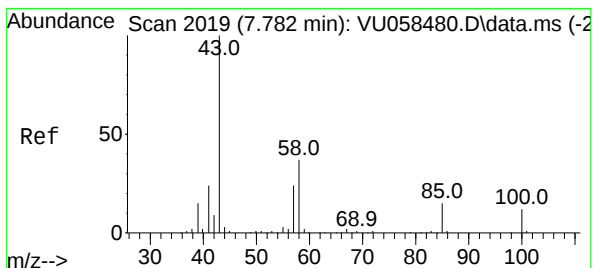
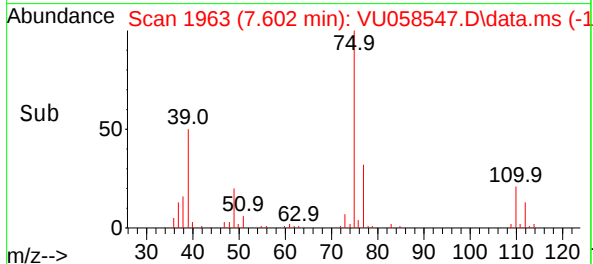
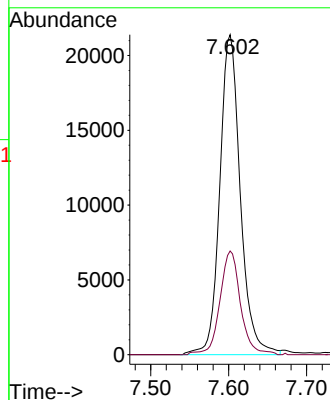
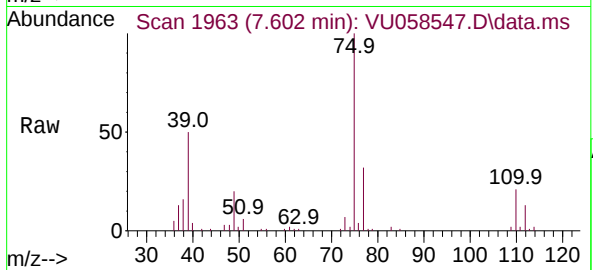




#39
 cis-1,3-Dichloropropene
 Concen: 5.140 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU058547.D
 Acq: 10 Apr 2024 09:32

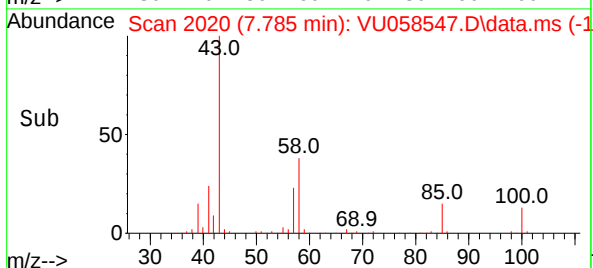
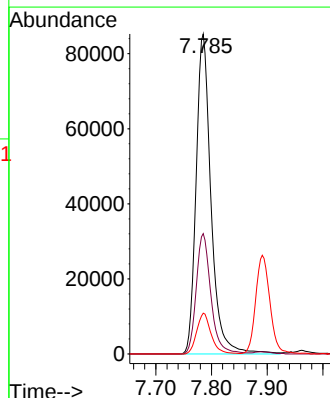
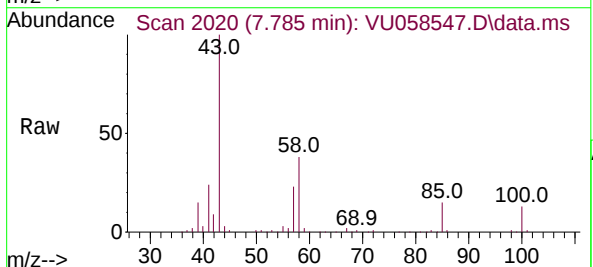
Instrument :
 MSVOA_U
 ClientSampleId :

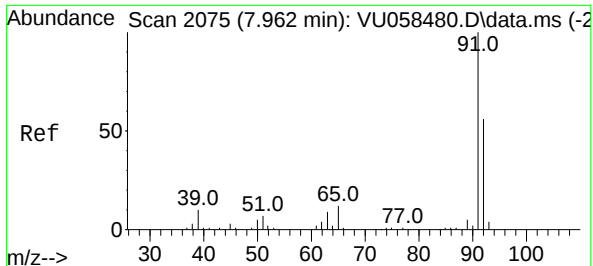
Tgt Ion: 75 Resp: 39226
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 56.196 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058547.D
 Acq: 10 Apr 2024 09:32

Tgt Ion: 43 Resp: 158746
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.4 45.6
 100 12.3 10.3 15.5





#42

Toluene

Concen: 5.646 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

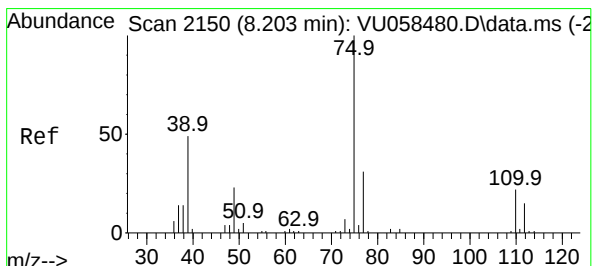
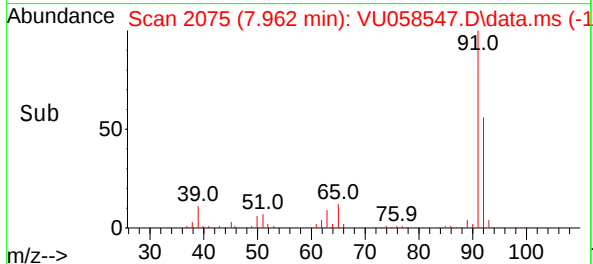
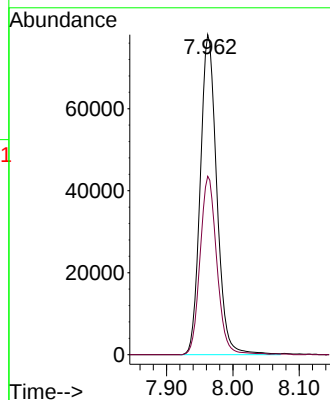
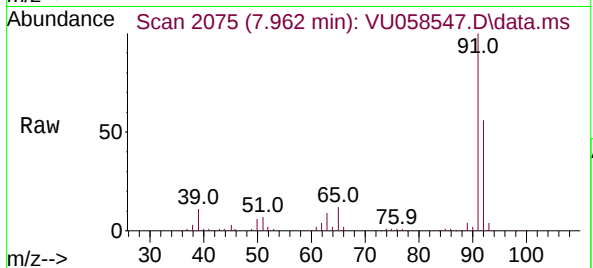
ClientSampleId :

Tgt Ion: 91 Resp: 135078

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.261 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058547.D

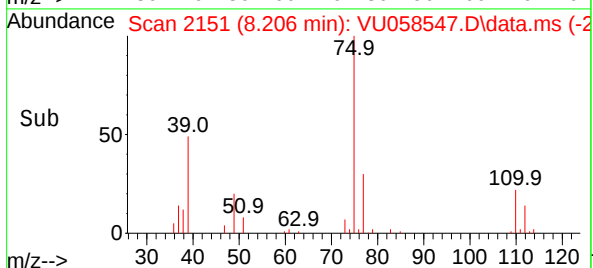
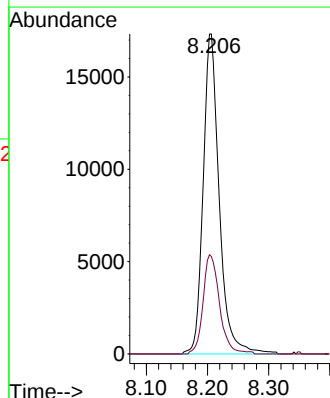
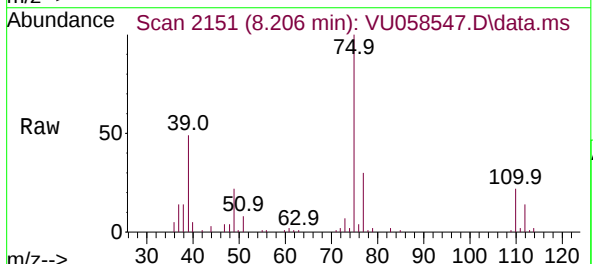
Acq: 10 Apr 2024 09:32

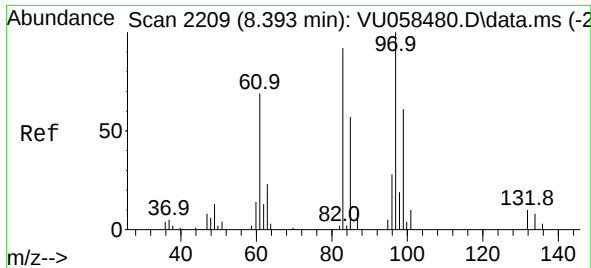
Tgt Ion: 75 Resp: 31662

Ion Ratio Lower Upper

75 100

77 30.4 22.2 41.2

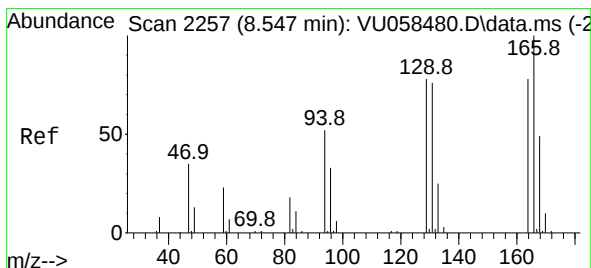
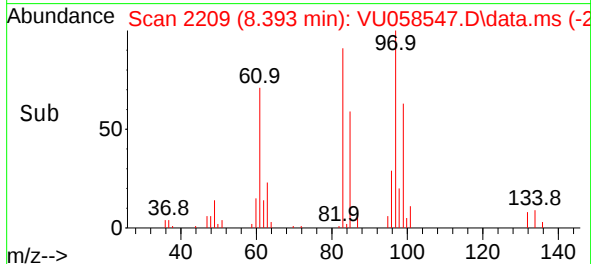
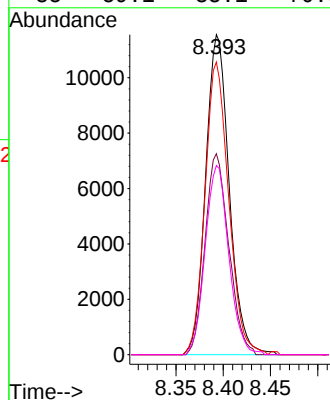
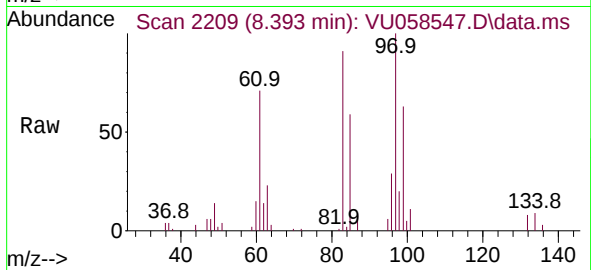




#45
1,1,2-Trichloroethane
Concen: 5.728 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

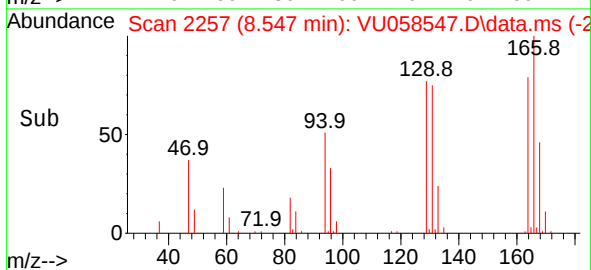
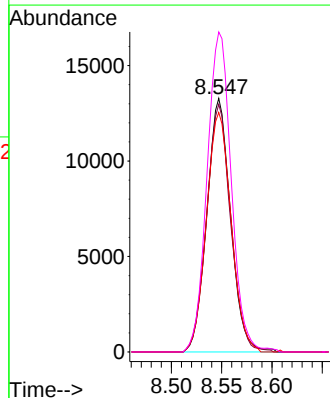
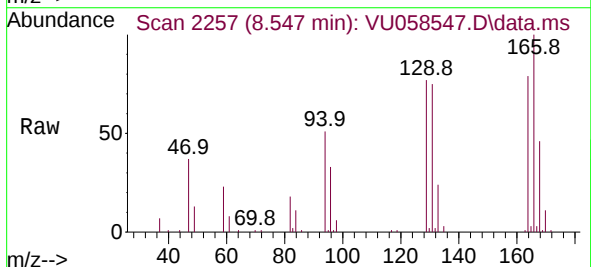
Instrument :
MSVOA_U
ClientSampleId :

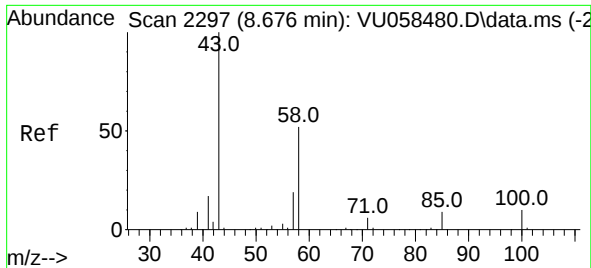
Tgt Ion:	97	Resp:	20077
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.7	81.1
83	91.4	64.5	119.7
85	59.1	38.1	70.9



#47
Tetrachloroethene
Concen: 5.184 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:	164	Resp:	21853
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.3	125.1
131	94.5	65.5	121.6
166	126.2	89.5	166.1

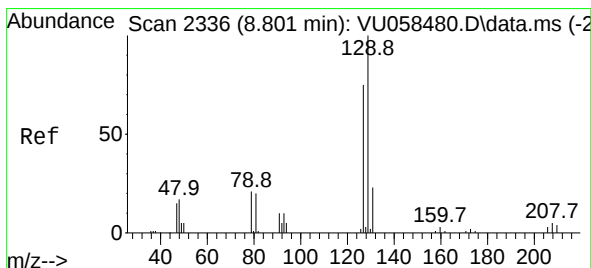
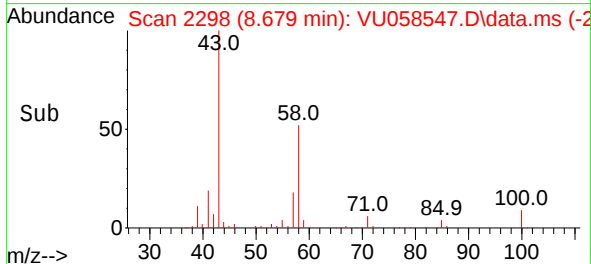
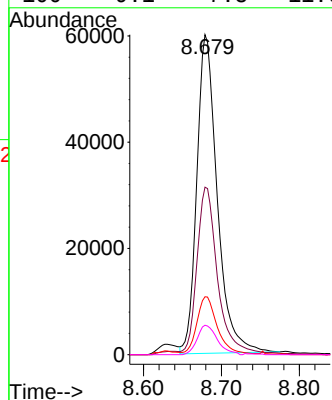
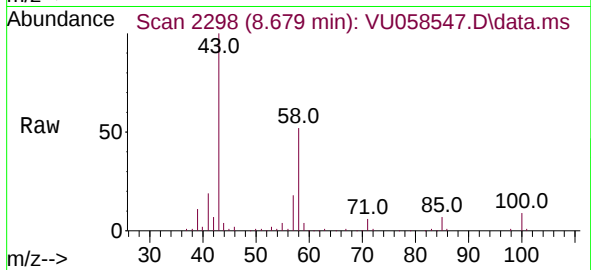




#48
2-Hexanone
Concen: 54.500 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

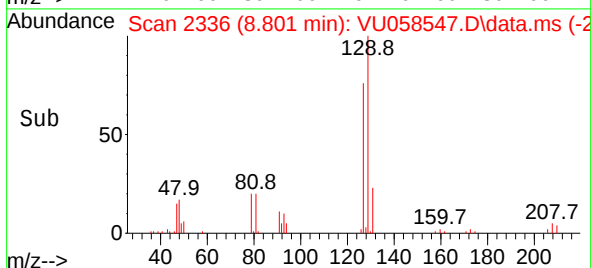
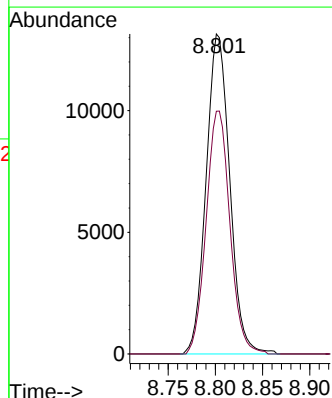
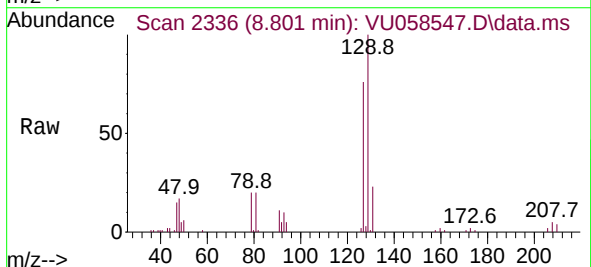
Instrument :
MSVOA_U
ClientSampleId :

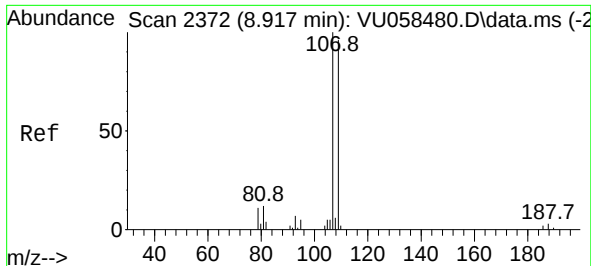
Tgt Ion: 43 Resp: 109295
Ion Ratio Lower Upper
43 100
58 52.6 43.2 64.8
57 17.6 15.4 23.0
100 9.1 7.8 11.6



#49
Dibromochloromethane
Concen: 5.641 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:129 Resp: 22858
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.532 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

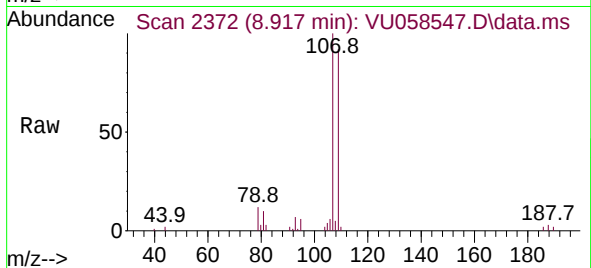
Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :



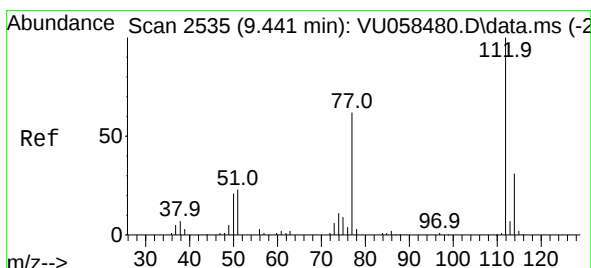
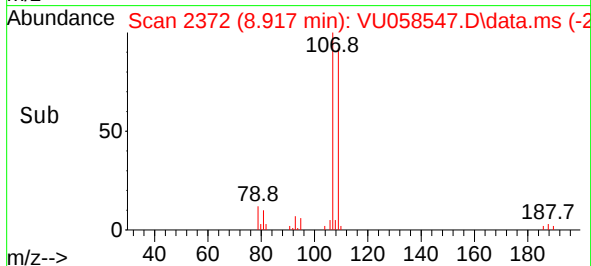
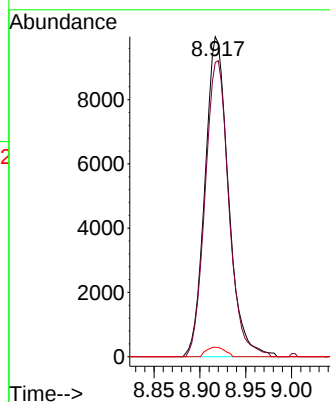
Tgt Ion:107 Resp: 17734

Ion Ratio Lower Upper

107 100

109 92.0 67.3 124.9

188 3.0 2.5 3.7



#51

Chlorobenzene

Concen: 5.525 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

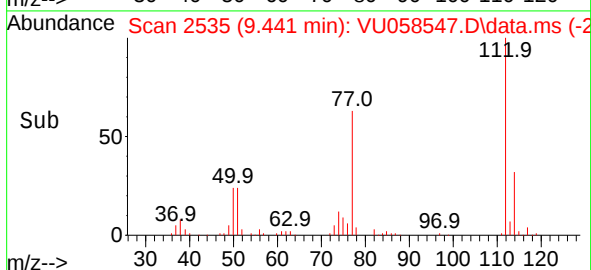
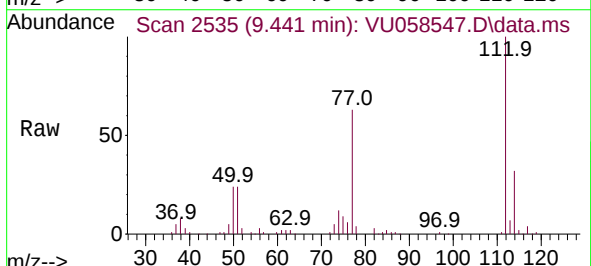
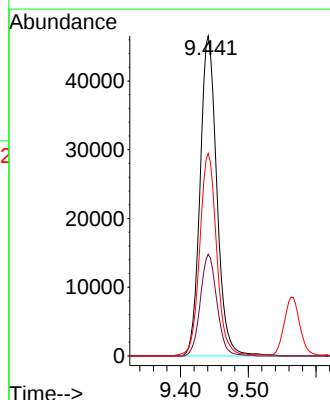
Tgt Ion:112 Resp: 79991

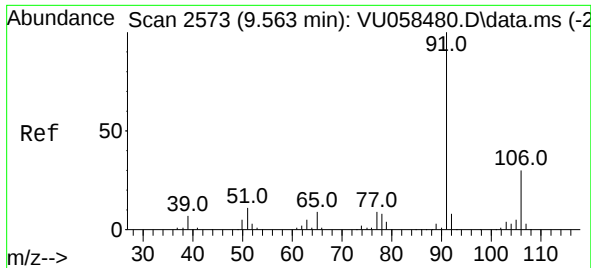
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 63.3 50.1 75.1

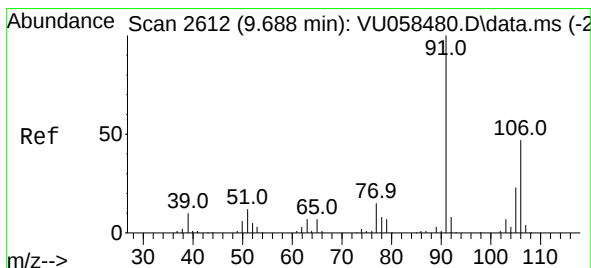
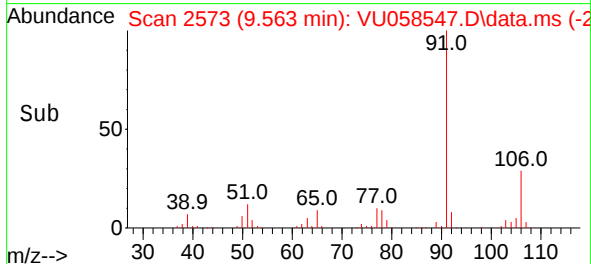
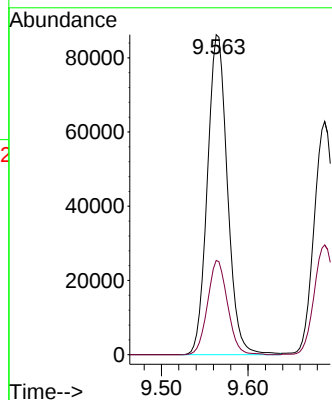
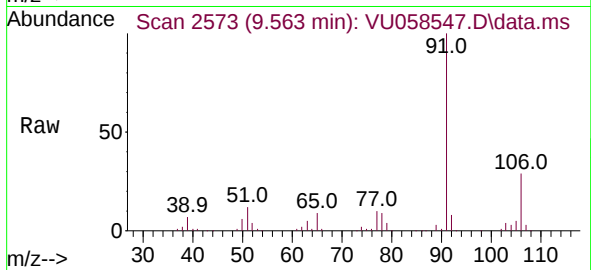




#52
Ethylbenzene
Concen: 5.470 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

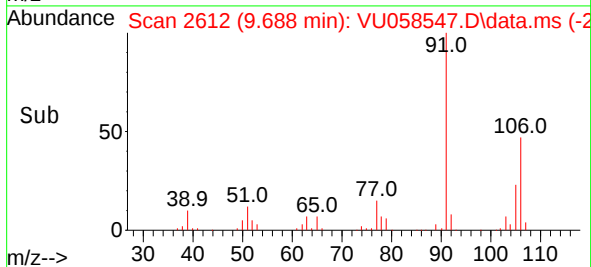
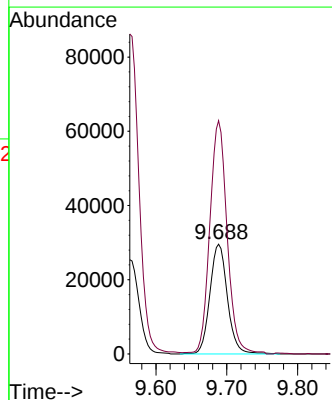
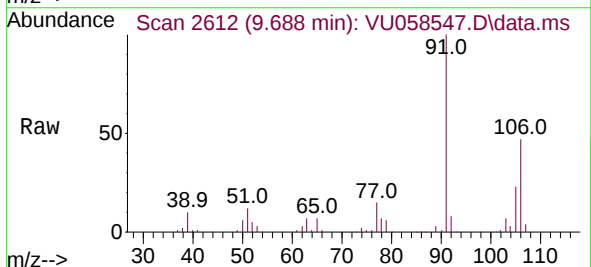
Instrument :
MSVOA_U
ClientSampleId :

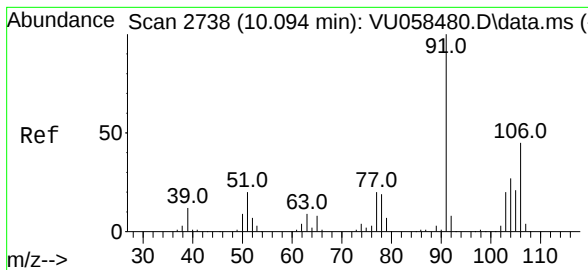
Tgt Ion: 91 Resp: 138641
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.597 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:106 Resp: 50805
Ion Ratio Lower Upper
106 100
91 212.5 147.8 274.4

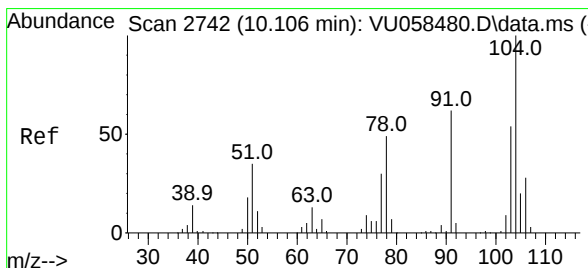
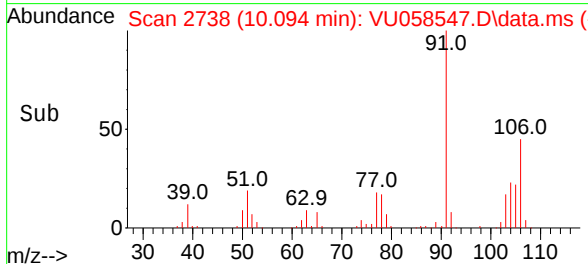
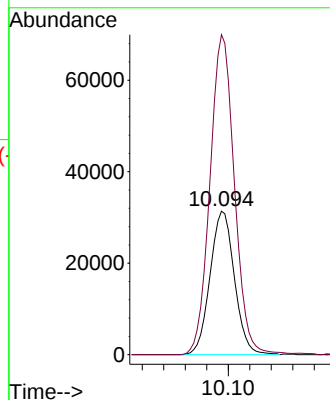
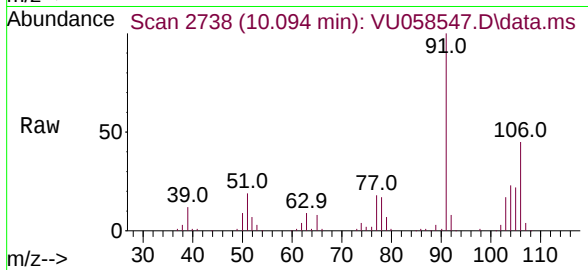




#54
o-Xylene
Concen: 5.549 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

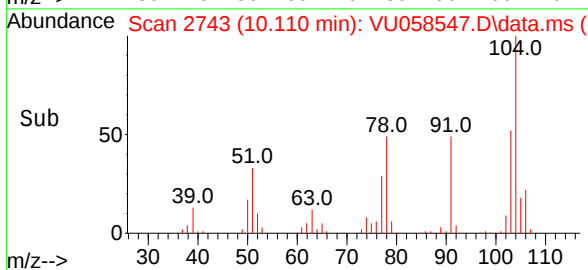
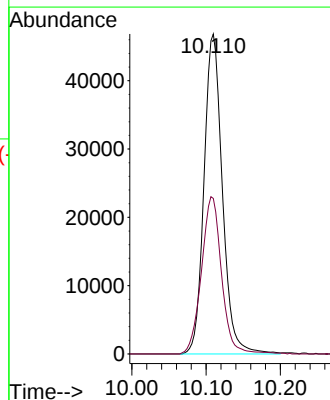
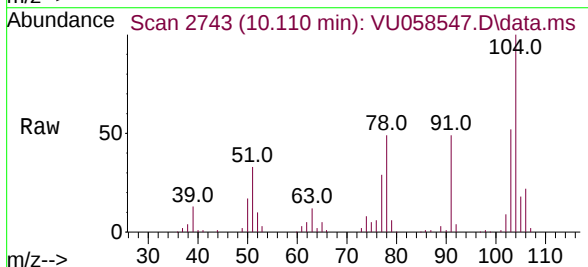
Instrument :
MSVOA_U
ClientSampleId :

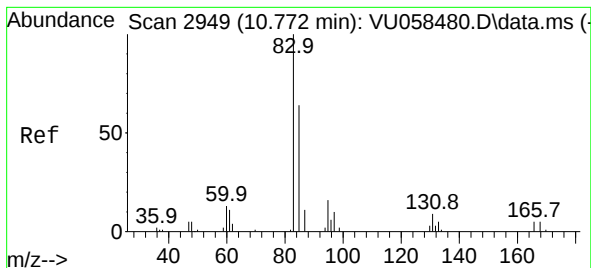
Tgt Ion:106 Resp: 49377
Ion Ratio Lower Upper
106 100
91 222.8 156.9 291.5



#55
Styrene
Concen: 5.633 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:104 Resp: 80650
Ion Ratio Lower Upper
104 100
78 48.6 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.598 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

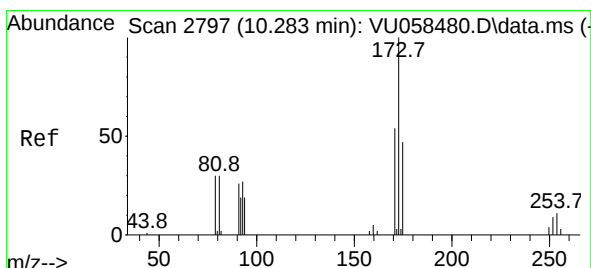
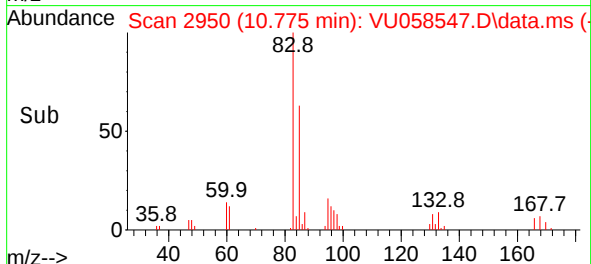
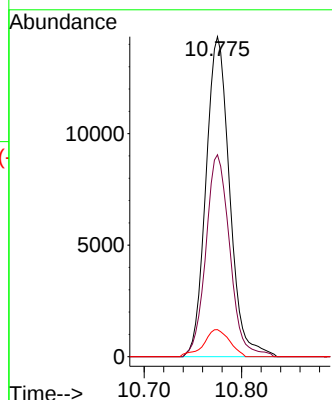
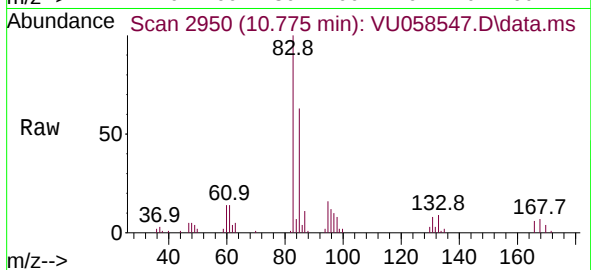
Tgt Ion: 83 Resp: 24203

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7

131 8.5 6.9 10.3



#59

Bromoform

Concen: 5.396 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

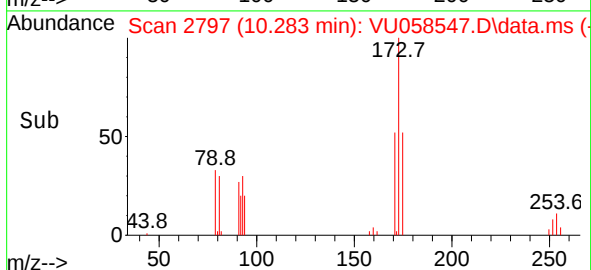
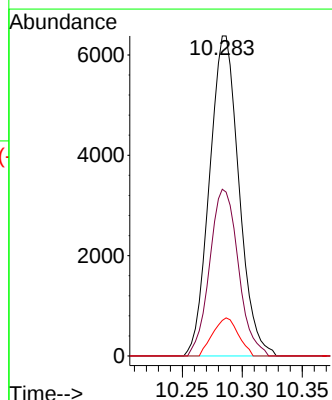
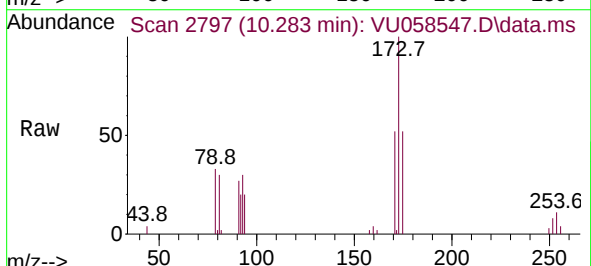
Tgt Ion:173 Resp: 10867

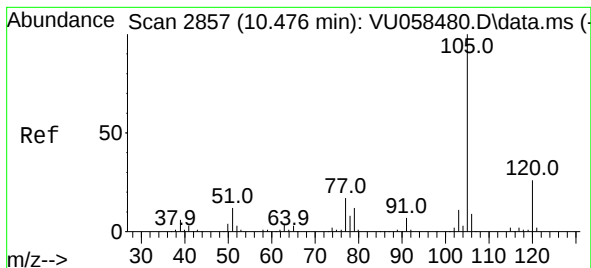
Ion Ratio Lower Upper

173 100

175 50.8 38.0 57.0

254 10.3 7.5 11.3





#60

Isopropylbenzene

Concen: 5.729 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

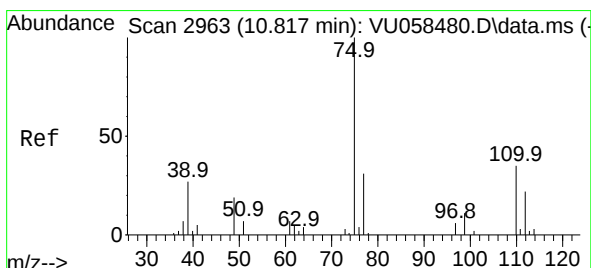
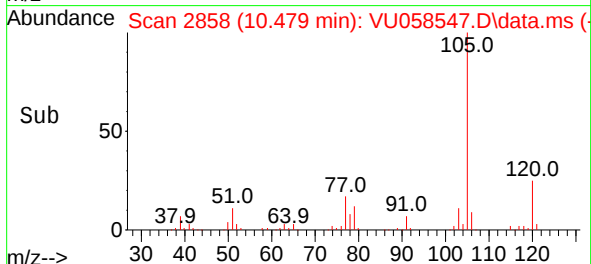
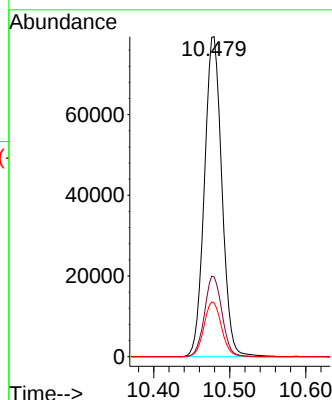
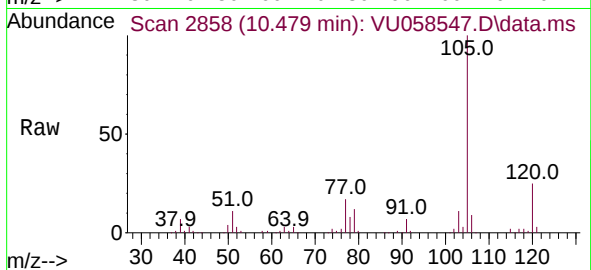
Tgt Ion:105 Resp: 126428

Ion Ratio Lower Upper

105 100

120 25.1 20.2 30.4

77 17.3 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 5.662 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

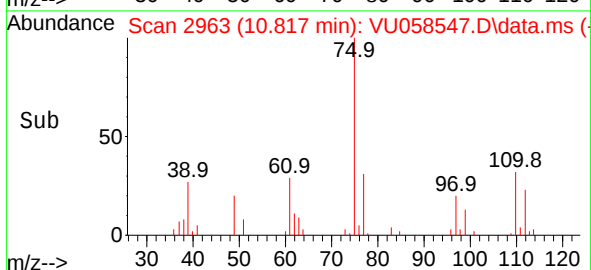
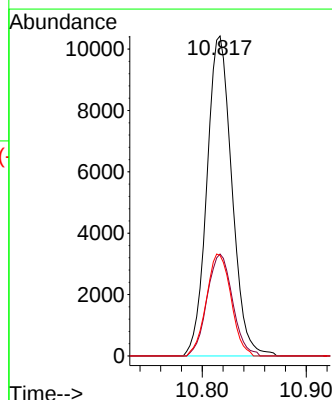
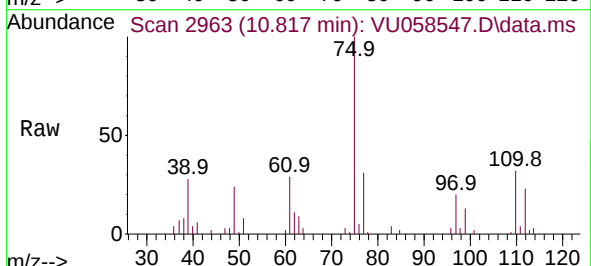
Tgt Ion: 75 Resp: 17415

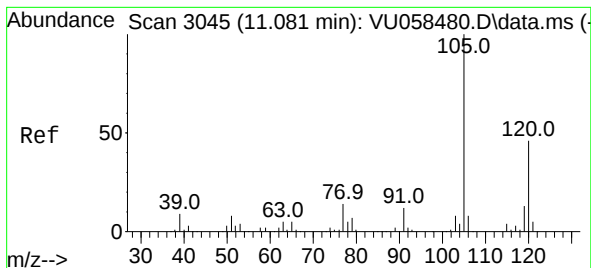
Ion Ratio Lower Upper

75 100

110 32.4 25.8 38.6

77 31.5 25.1 37.7

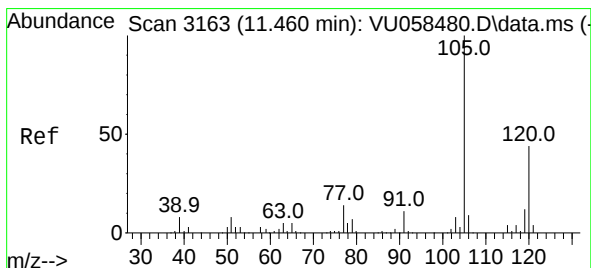
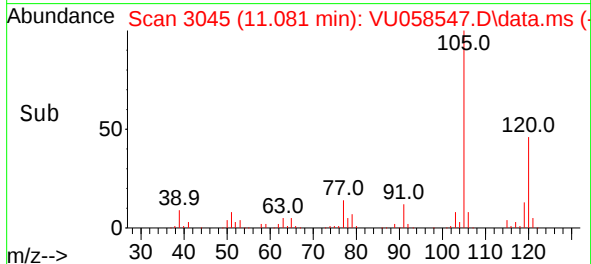
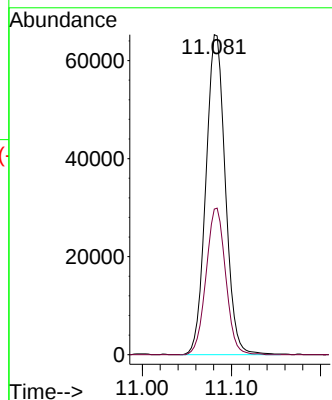
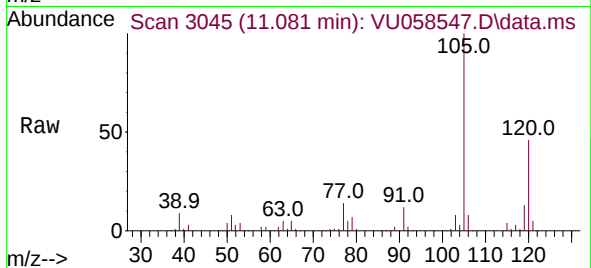




#62
1,3,5-Trimethylbenzene
Concen: 5.487 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

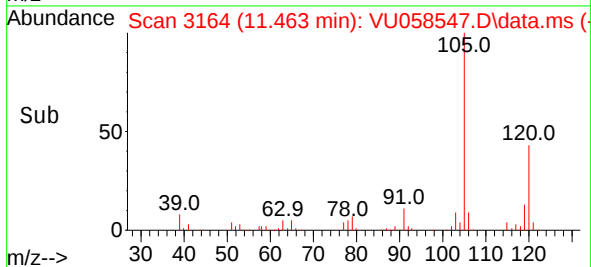
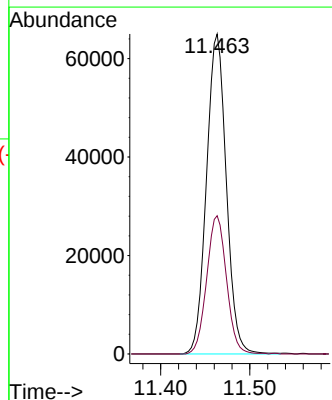
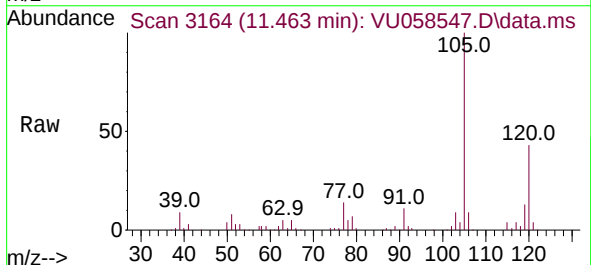
Instrument :
MSVOA_U
ClientSampleId :

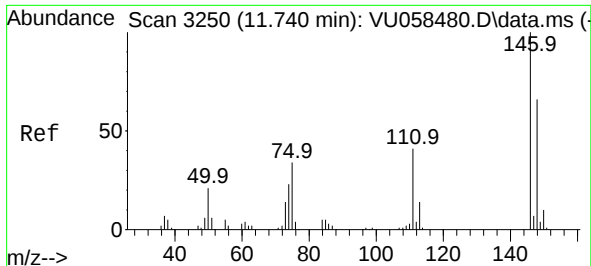
Tgt Ion:105 Resp: 98750
Ion Ratio Lower Upper
105 100
120 46.1 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.457 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:105 Resp: 100282
Ion Ratio Lower Upper
105 100
120 43.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.373 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

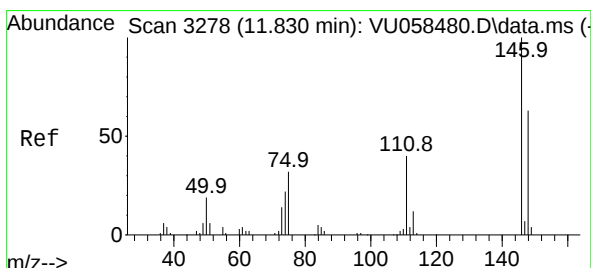
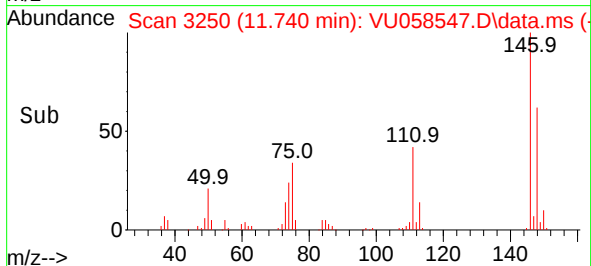
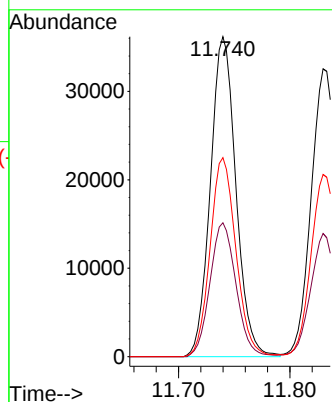
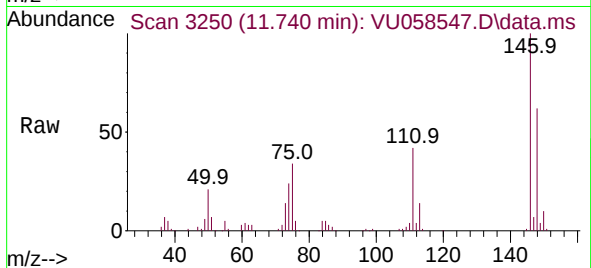
Tgt Ion:146 Resp: 57599

Ion Ratio Lower Upper

146 100

111 41.9 28.8 53.4

148 62.2 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 5.187 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

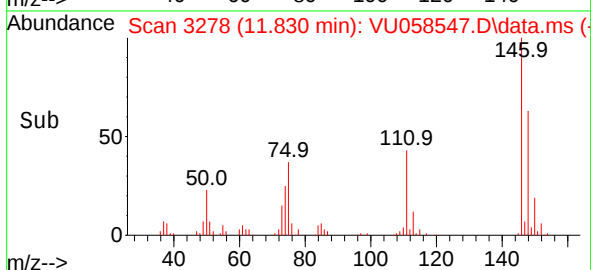
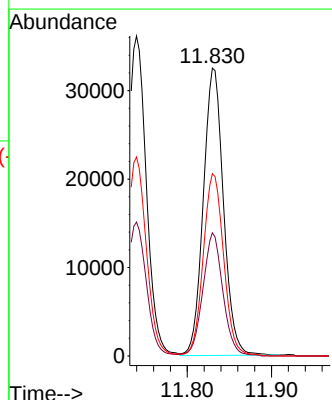
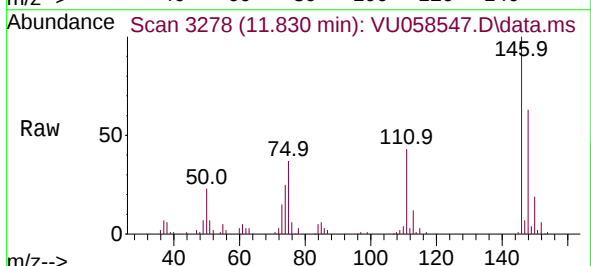
Tgt Ion:146 Resp: 54172

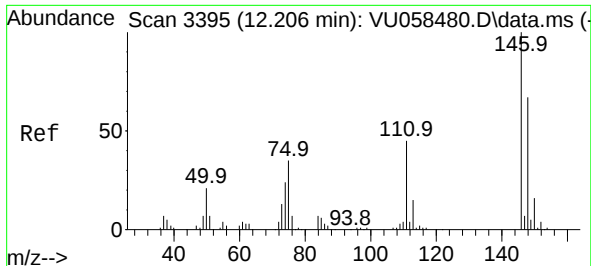
Ion Ratio Lower Upper

146 100

111 42.8 28.8 53.6

148 63.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.298 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

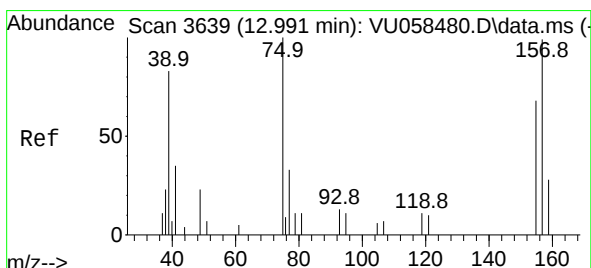
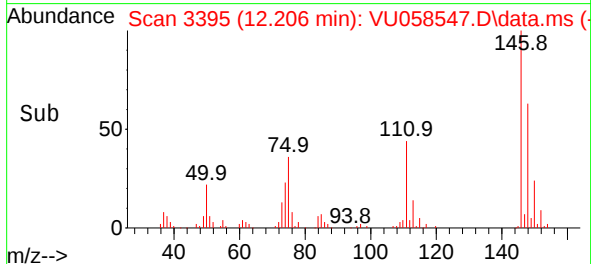
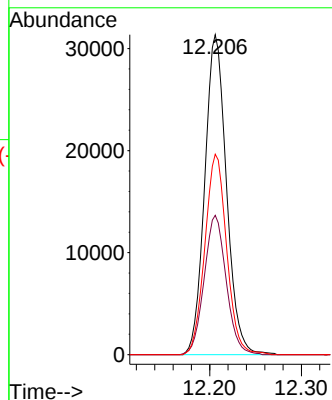
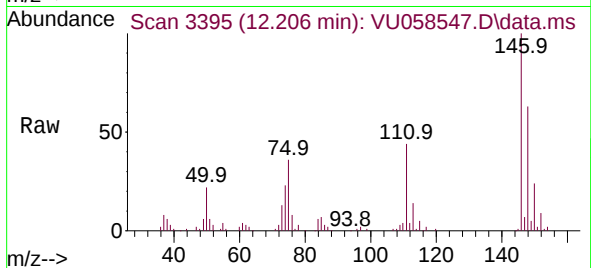
Tgt Ion:146 Resp: 51662

Ion Ratio Lower Upper

146 100

111 43.6 35.0 52.4

148 62.6 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.646 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058547.D

Acq: 10 Apr 2024 09:32

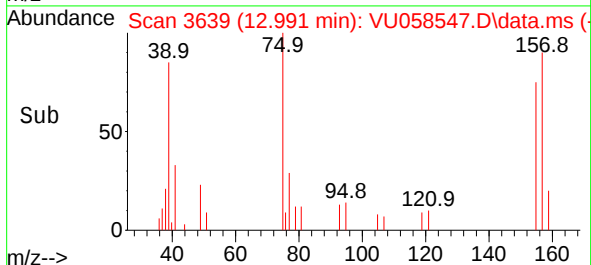
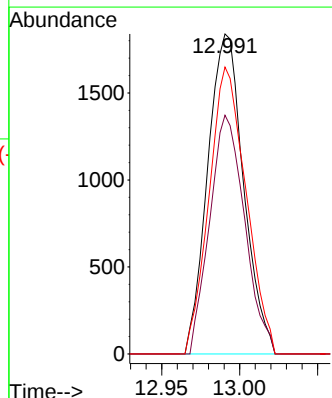
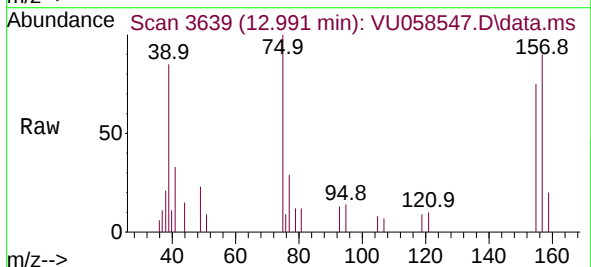
Tgt Ion: 75 Resp: 2945

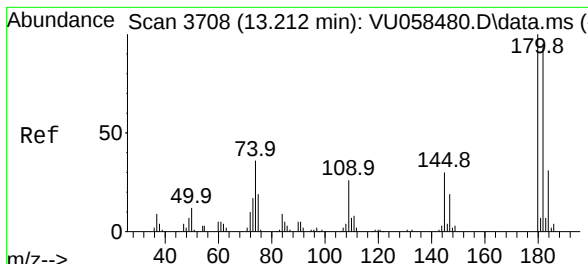
Ion Ratio Lower Upper

75 100

155 74.6 61.4 92.0

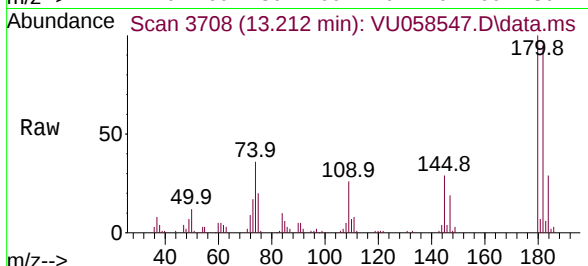
157 89.7 81.7 122.5



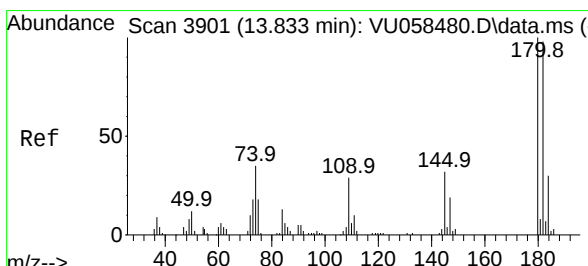
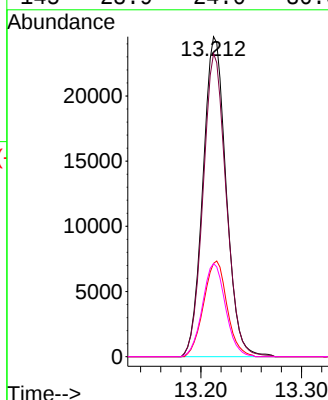
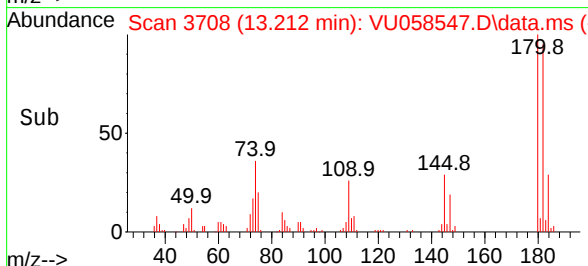


#69
 1,3,5-Trichlorobenzene
 Concen: 4.952 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058547.D
 Acq: 10 Apr 2024 09:32

Instrument :
 MSVOA_U
 ClientSampleId :

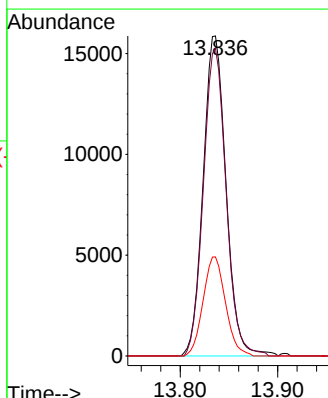
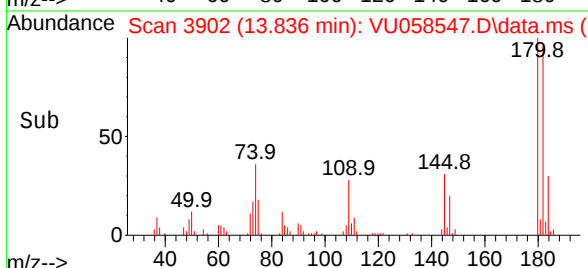
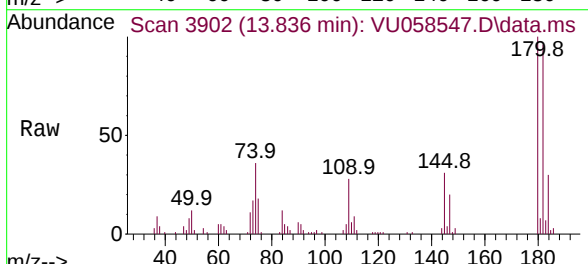


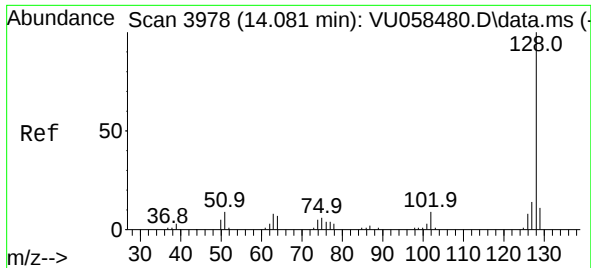
Tgt Ion:180	Resp:	39255
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.7 113.5
184	30.2	24.3 36.5
145	28.9	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.248 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU058547.D
 Acq: 10 Apr 2024 09:32

Tgt Ion:180	Resp:	25964
Ion Ratio	Lower	Upper
180	100	
182	95.1	74.4 111.6
145	30.2	24.1 36.1

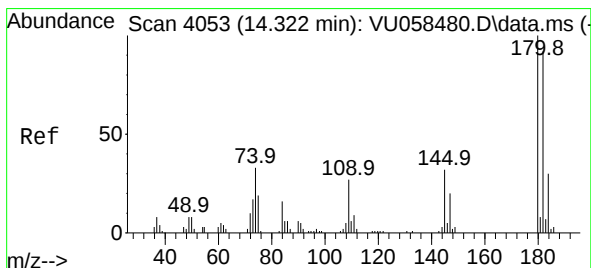
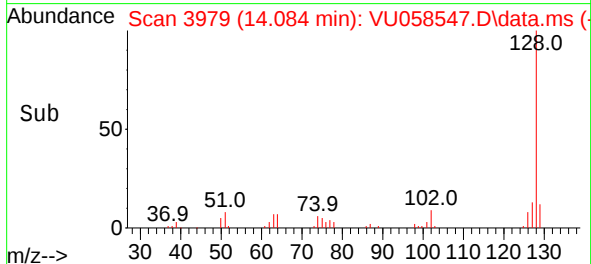
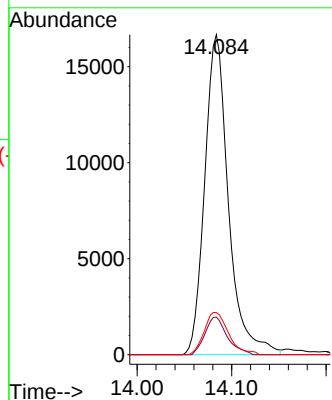
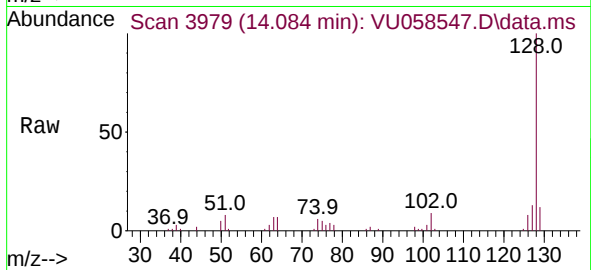




#71
Naphthalene
Concen: 3.469 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 29061
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.297 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058547.D
Acq: 10 Apr 2024 09:32

Tgt Ion:180 Resp: 21689
Ion Ratio Lower Upper
180 100
182 93.5 75.9 113.9
145 31.3 25.2 37.8

