

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058852.D
 Acq On : 07 May 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:13:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	59211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12977	2.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.800%
7) Chloroethane-d5	1.904	69	11322	3.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.600%#
11) 1,1-Dichloroethene-d2	2.554	65	8464	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.608	46	36494	44.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.200%
24) Chloroform-d	5.049	84	48535	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	23419	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.718	84	75970	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	21737	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	69357	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.174	79	9139	4.634	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.624	63	27672	47.353	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15587	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26649	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	33231	5.125	ug/L	98
3) Chloromethane	1.512	50	17777	3.502	ug/L	98
5) Vinyl chloride	1.596	62	19312	3.750	ug/L	98
6) Bromomethane	1.846	94	12694	4.165	ug/L	92
8) Chloroethane	1.923	64	10769	3.712	ug/L	99
9) Trichlorofluoromethane	2.129	101	43915	5.448	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	22969	4.781	ug/L	89
12) 1,1-Dichloroethene	2.570	96	20066	4.653	ug/L	90
13) Acetone	2.615	43	22861	40.422	ug/L	96
14) Carbon disulfide	2.782	76	61498	4.193	ug/L	100
15) Methyl Acetate	2.943	43	5550	4.093	ug/L	97
16) Methylene chloride	3.033	84	25636	5.525	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	47913	4.908	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	21293	4.930	ug/L	90
19) 1,1-Dichloroethane	3.853	63	42273	4.622	ug/L	95
21) 2-Butanone	4.689	43	32959	37.060	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	22672	4.778	ug/L	95
23) Bromochloromethane	4.959	128	9931	5.346	ug/L #	81
25) Chloroform	5.074	83	48894	5.143	ug/L	99

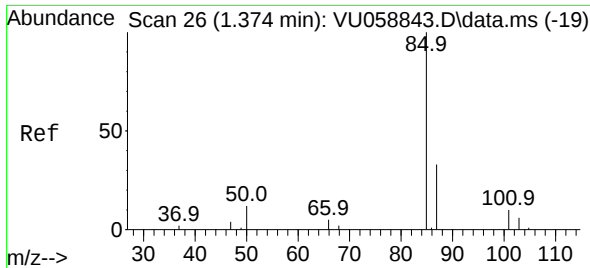
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	31185	5.483	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	46919	5.510	ug/L	97
30) Cyclohexane	5.380	56	32328	4.022	ug/L	88
31) Carbon tetrachloride	5.512	117	44976	5.976	ug/L	99
33) Benzene	5.763	78	91547	4.638	ug/L	100
34) Trichloroethene	6.534	95	26429	4.920	ug/L	96
35) Methylcyclohexane	6.753	83	37301	4.570	ug/L	92
37) 1,2-Dichloropropane	6.782	63	22468	4.357	ug/L	98
38) Bromodichloromethane	7.097	83	33323	5.217	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	33298	4.665	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	90824	39.907	ug/L #	97
42) Toluene	7.962	91	99499	4.877	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	27738	5.047	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	14399	4.853	ug/L	96
47) Tetrachloroethene	8.547	164	21216	5.628	ug/L	96
48) 2-Hexanone	8.676	43	64221	39.723	ug/L #	97
49) Dibromochloromethane	8.801	129	19137	5.508	ug/L	95
50) 1,2-Dibromoethane	8.917	107	12654	4.636	ug/L	88
51) Chlorobenzene	9.441	112	62618	5.038	ug/L	97
52) Ethylbenzene	9.563	91	112540	5.002	ug/L	99
53) m,p-Xylene	9.688	106	42181	5.104	ug/L	95
54) o-Xylene	10.094	106	40229	5.135	ug/L	99
55) Styrene	10.110	104	68462	5.364	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	15000	4.338	ug/L #	91
59) Bromoform	10.283	173	10714	5.016	ug/L	99
60) Isopropylbenzene	10.476	105	115960	4.793	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	11614	4.184	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	96588	4.797	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	96206	5.051	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	51394	4.929	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	50893	5.002	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	45330	5.022	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2627	5.477	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	38922	5.218	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	25578	4.933	ug/L	97
71) Naphthalene	14.084	128	26837	4.278	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	20398	4.963	ug/L	97

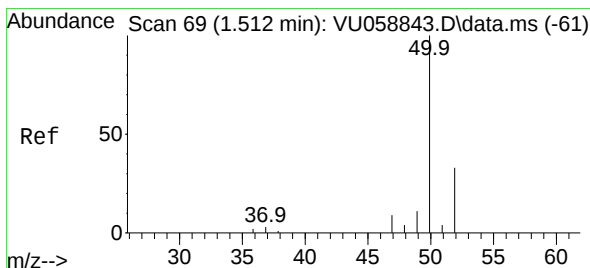
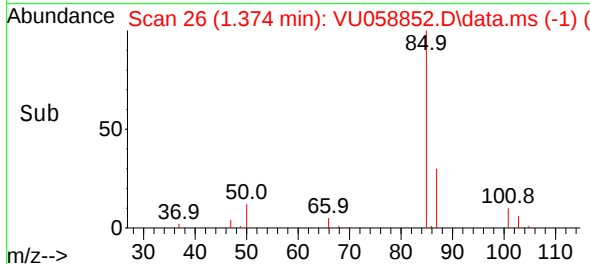
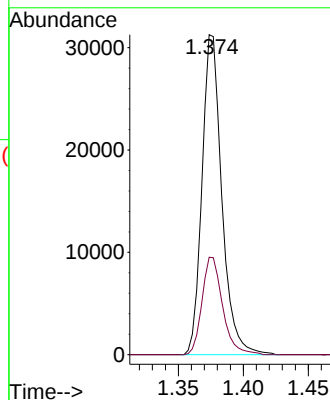
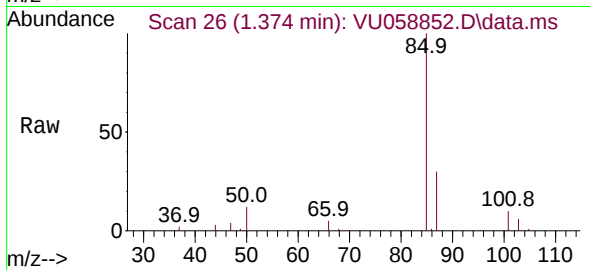
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.125 ug/L
 RT: 1.374 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU058852.D
 Acq: 07 May 2024 20:04

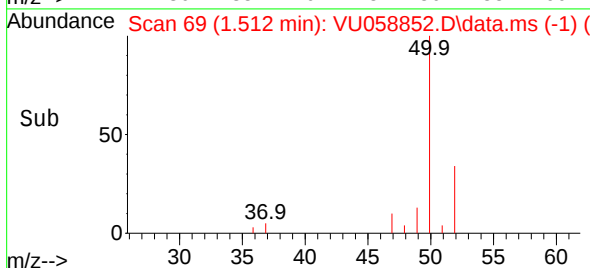
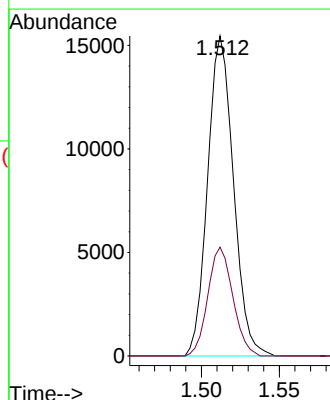
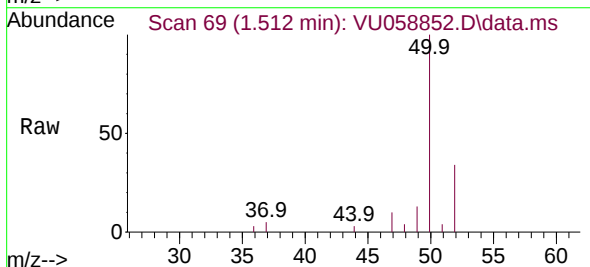
Instrument :
 MSVOA_U
 ClientSampleId :

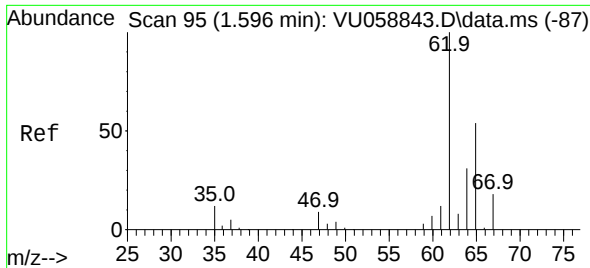
Tgt Ion: 85 Resp: 33231
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.0 39.0



#3
 Chloromethane
 Concen: 3.502 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VU058852.D
 Acq: 07 May 2024 20:04

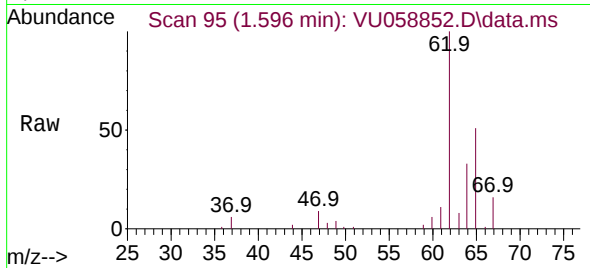
Tgt Ion: 50 Resp: 17777
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.0 42.8



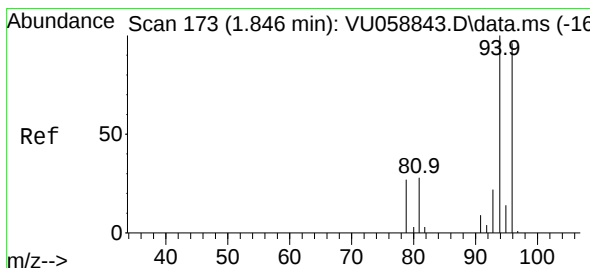
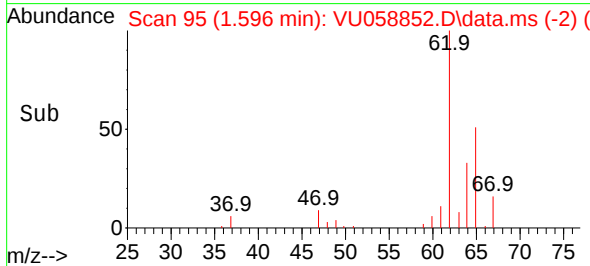
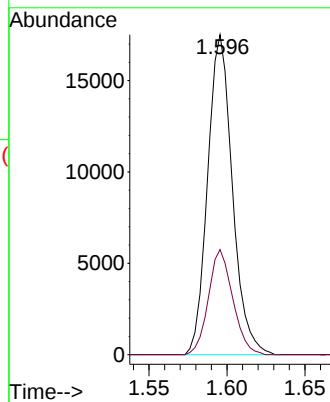


#5
Vinyl chloride
Concen: 3.750 ug/L
RT: 1.596 min Scan# 95
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

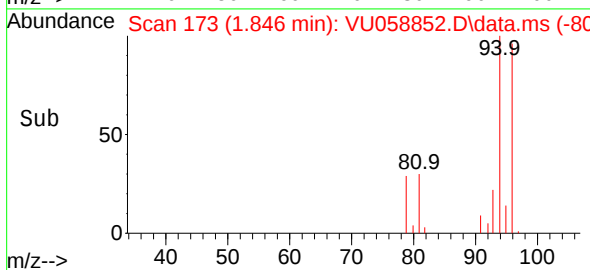
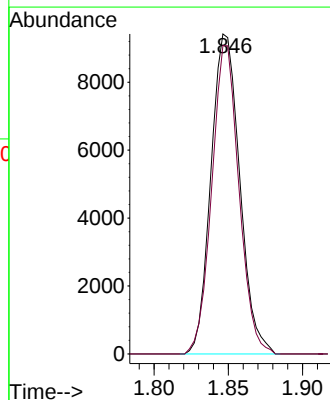
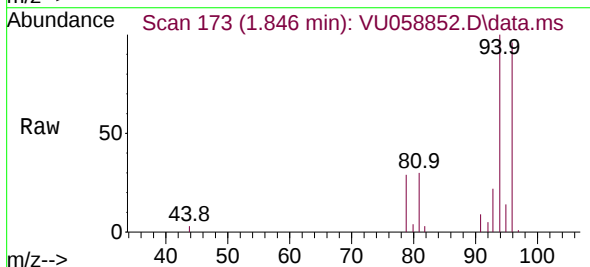


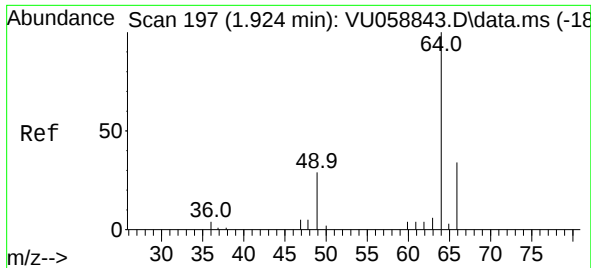
Tgt Ion: 62 Resp: 19312
Ion Ratio Lower Upper
62 100
64 32.9 23.8 44.2



#6
Bromomethane
Concen: 4.165 ug/L
RT: 1.846 min Scan# 173
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

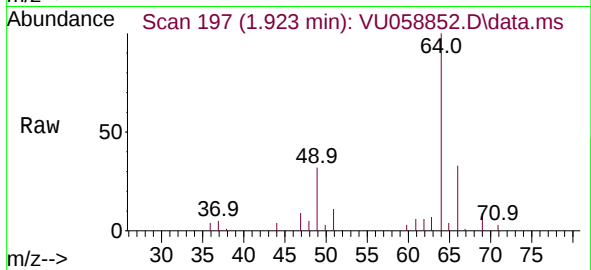
Tgt Ion: 94 Resp: 12694
Ion Ratio Lower Upper
94 100
96 96.3 62.2 115.6



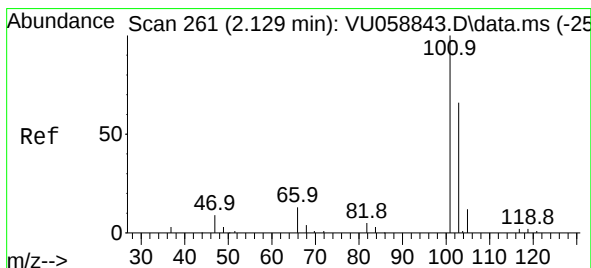
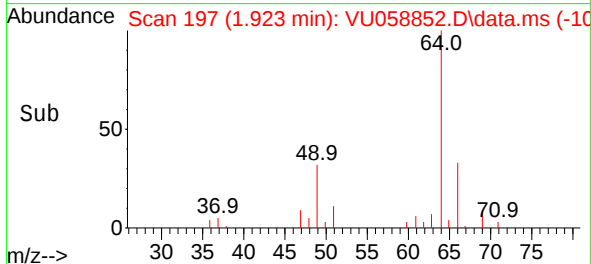
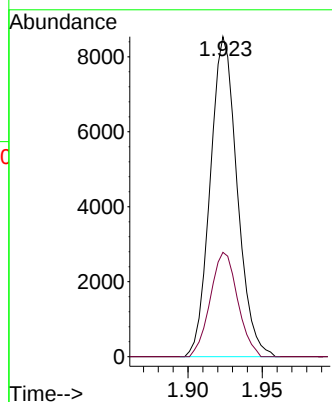


#8
Chloroethane
Concen: 3.712 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

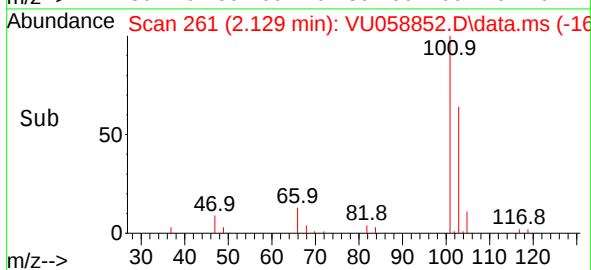
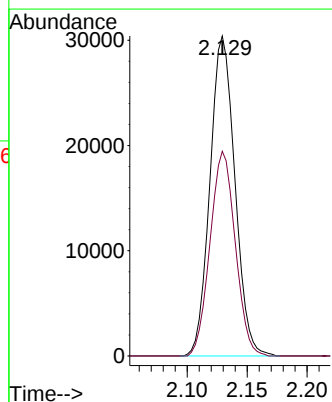
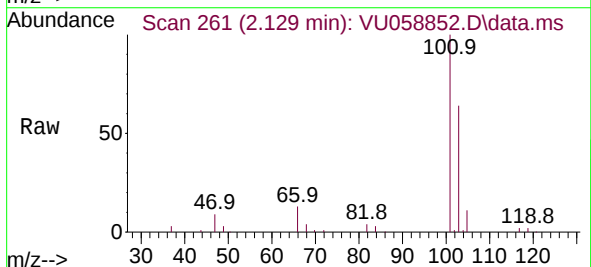


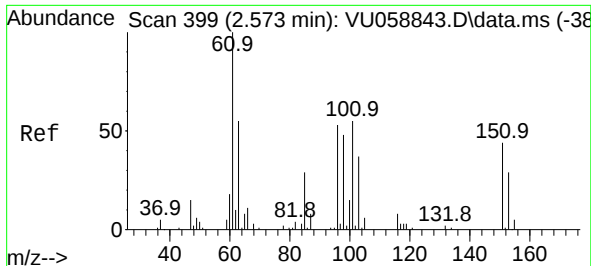
Tgt Ion: 64 Resp: 10769
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.448 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion:101 Resp: 43915
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8

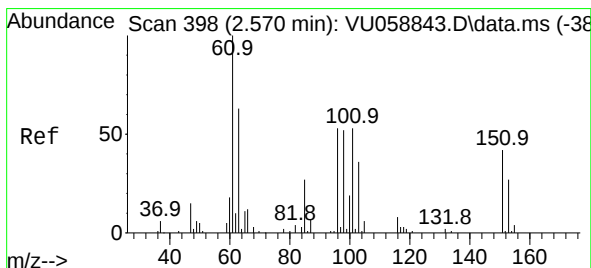
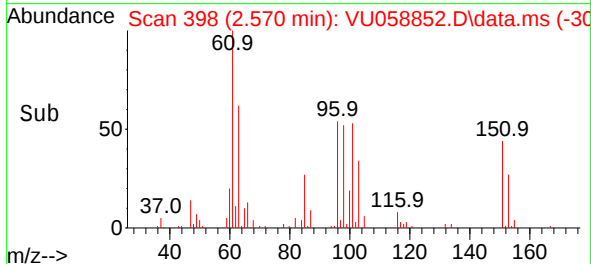
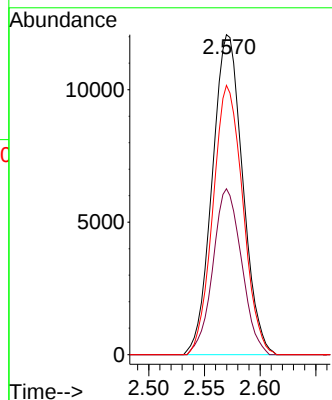
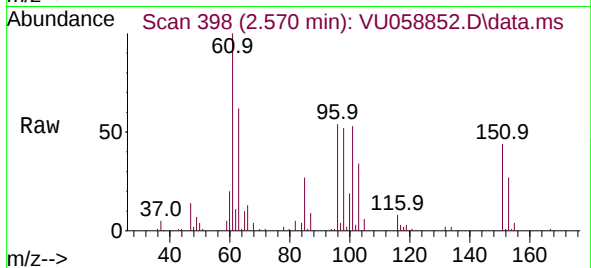




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.781 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

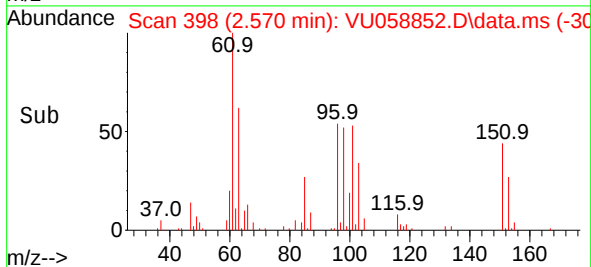
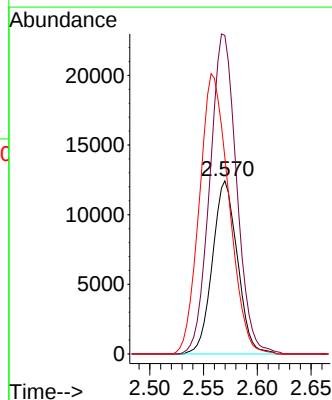
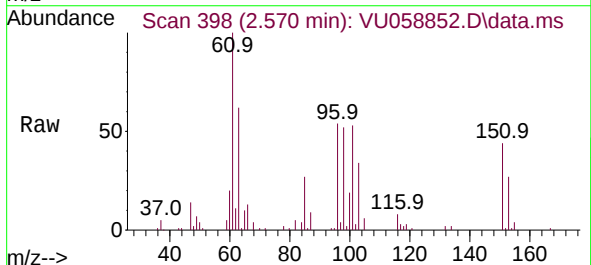
Instrument :
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ClientSampleId :

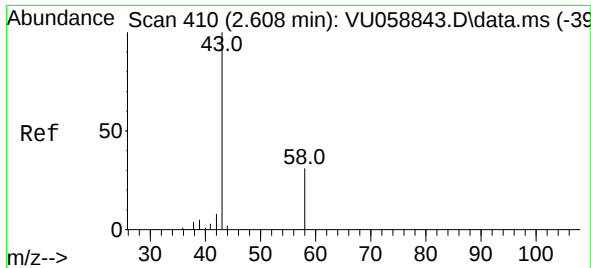
Tgt Ion:101 Resp: 22969
Ion Ratio Lower Upper
101 100
85 48.9 36.7 55.1
151 82.6 56.6 84.8



#12
1,1-Dichloroethene
Concen: 4.653 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 96 Resp: 20066
Ion Ratio Lower Upper
96 100
61 184.0 135.3 251.3
63 113.7 91.9 170.7





#13

Acetone

Concen: 40.422 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

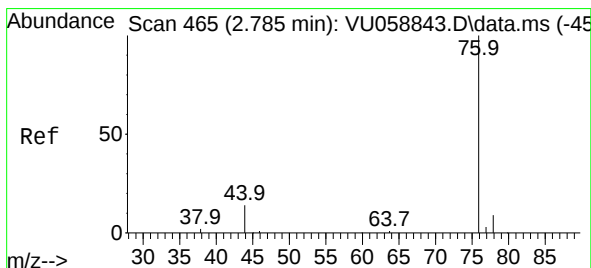
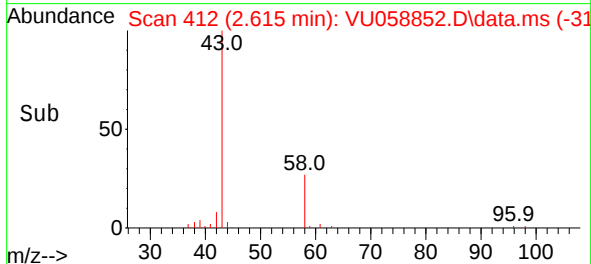
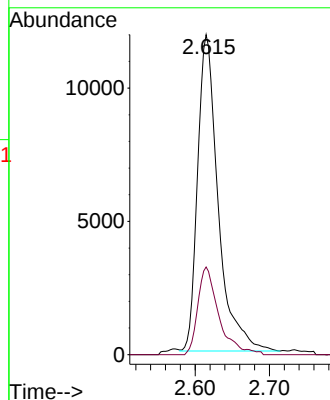
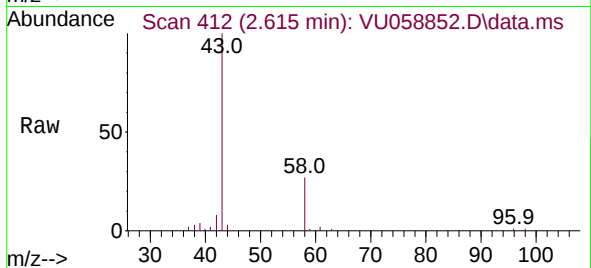
ClientSampleId :

Tgt Ion: 43 Resp: 22861

Ion Ratio Lower Upper

43 100

58 28.4 0.0 61.2



#14

Carbon disulfide

Concen: 4.193 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU058852.D

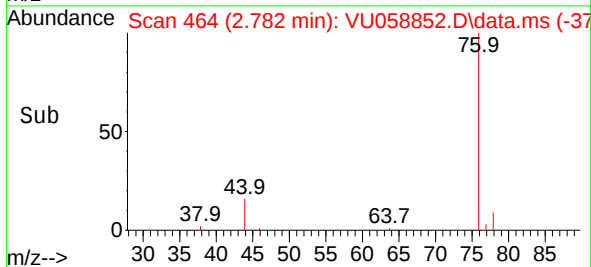
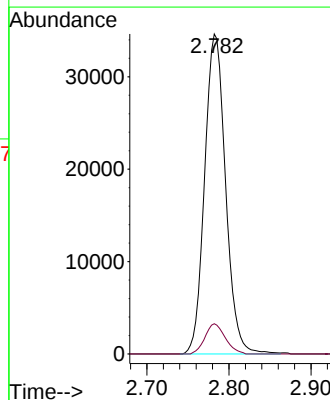
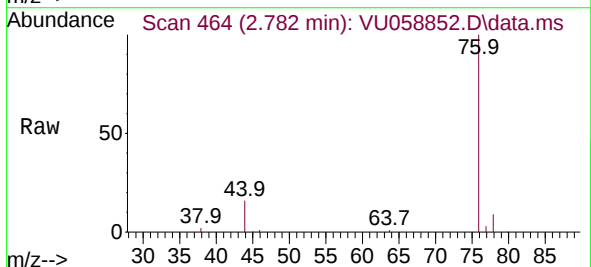
Acq: 07 May 2024 20:04

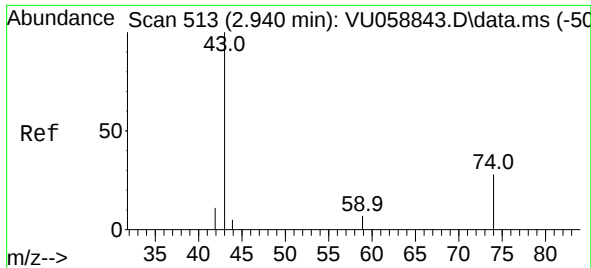
Tgt Ion: 76 Resp: 61498

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 4.093 ug/L

RT: 2.943 min Scan# 513

Delta R.T. 0.003 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

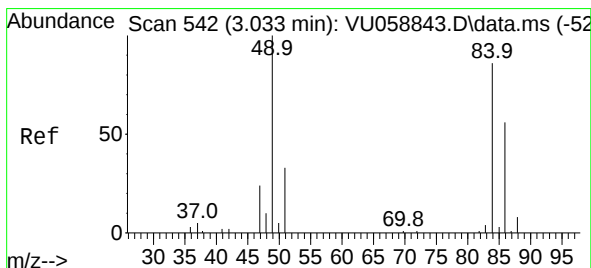
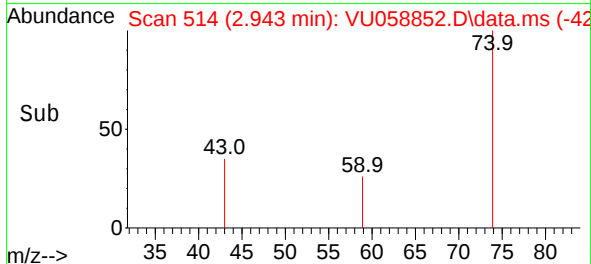
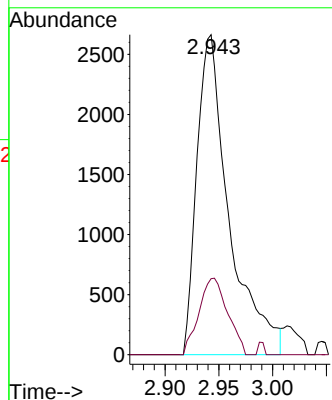
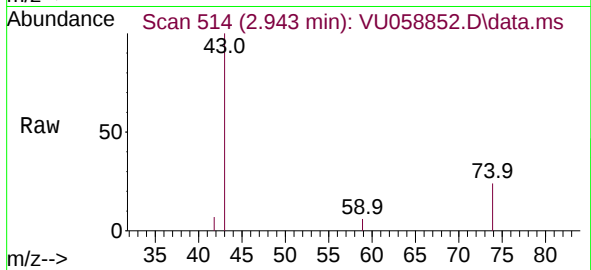
ClientSampleId :

Tgt Ion: 43 Resp: 5550

Ion Ratio Lower Upper

43 100

74 21.3 18.2 27.4



#16

Methylene chloride

Concen: 5.525 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

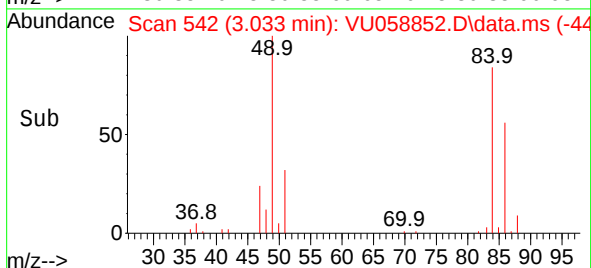
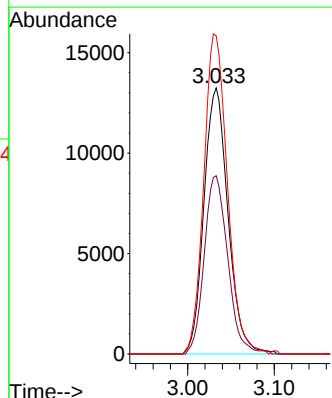
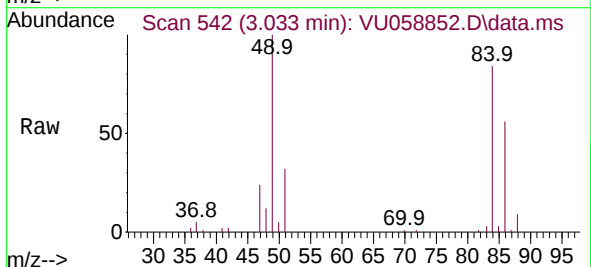
Tgt Ion: 84 Resp: 25636

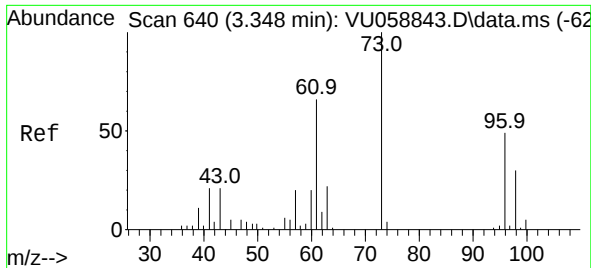
Ion Ratio Lower Upper

84 100

86 67.0 45.0 83.6

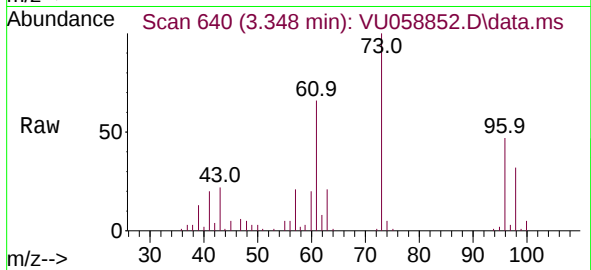
49 119.7 91.6 170.2



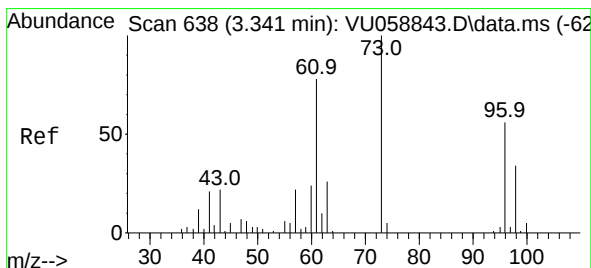
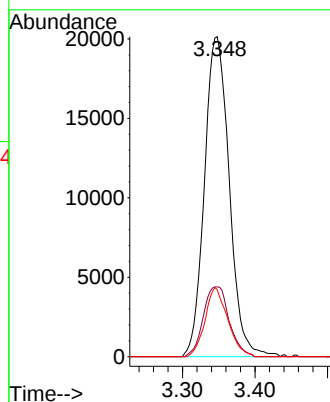
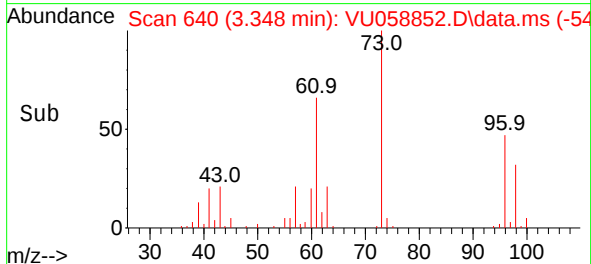


#17
Methyl tert-butyl Ether
Concen: 4.908 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

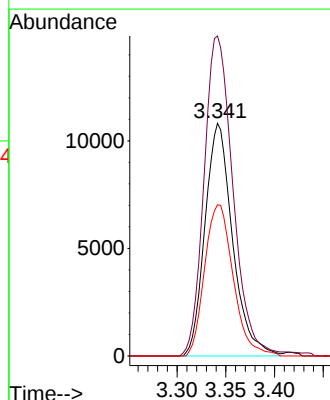
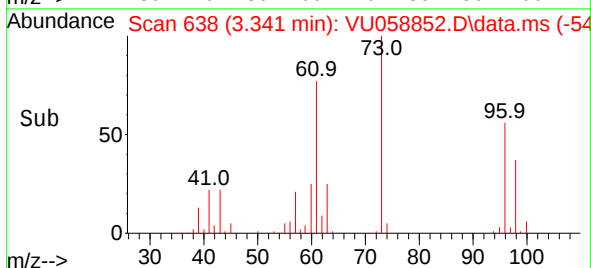
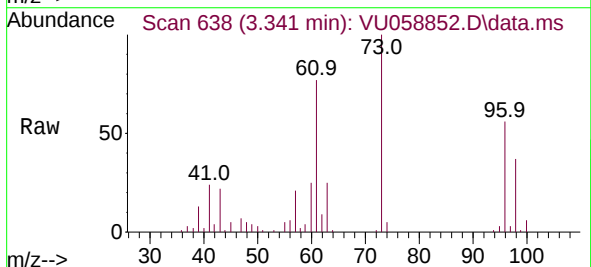


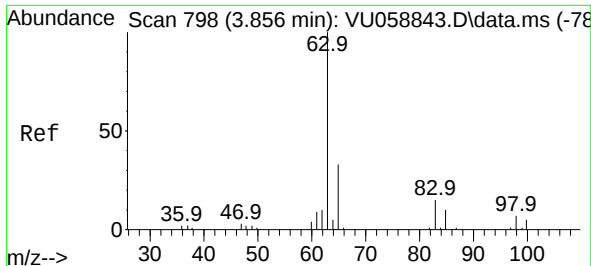
Tgt Ion: 73	Resp: 47913
Ion Ratio	Lower Upper
73 100	
43 22.8	17.7 26.5
57 19.8	17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.930 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

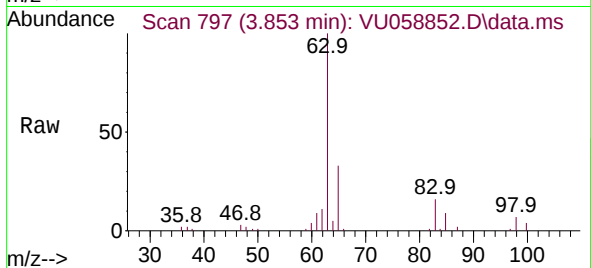
Tgt Ion: 96	Resp: 21293
Ion Ratio	Lower Upper
96 100	
61 137.5	108.6 201.8
98 65.0	44.4 82.4



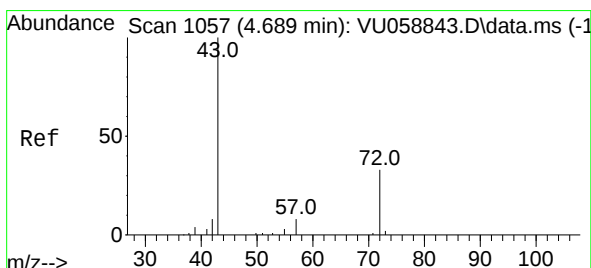
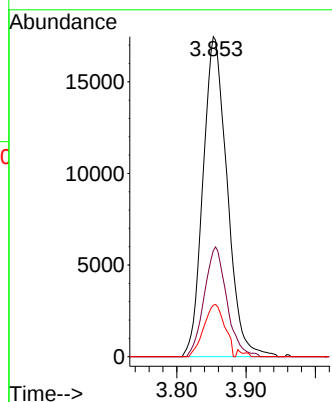
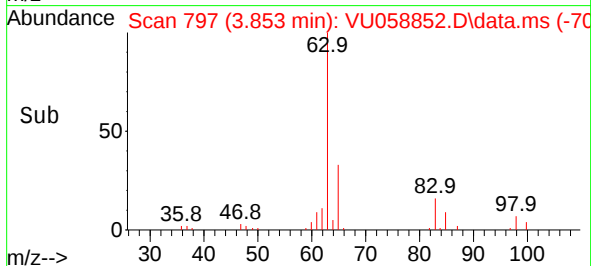


#19
1,1-Dichloroethane
Concen: 4.622 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

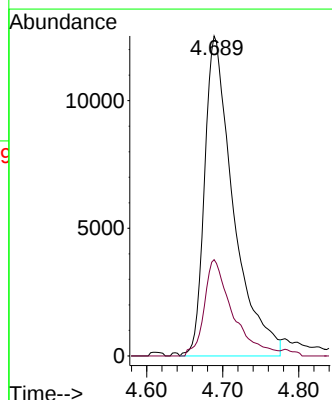
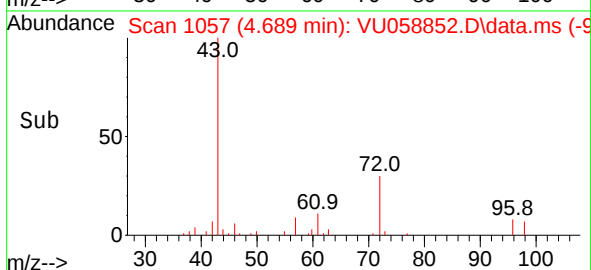
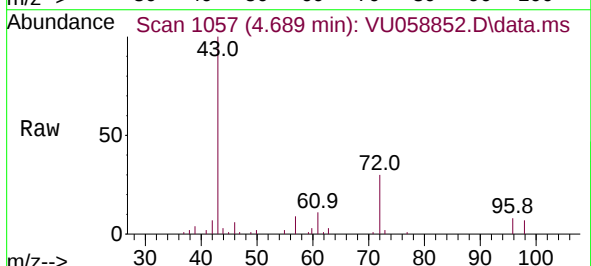


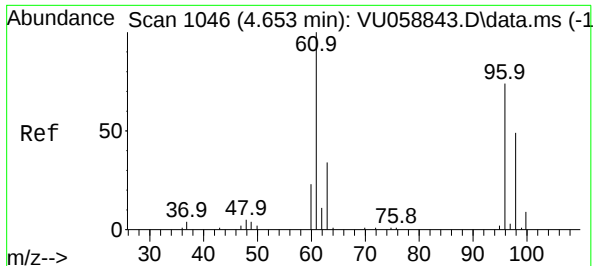
Tgt Ion: 63 Resp: 42273
Ion Ratio Lower Upper
63 100
65 33.2 21.6 40.2
83 16.1 9.5 17.7



#21
2-Butanone
Concen: 37.060 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

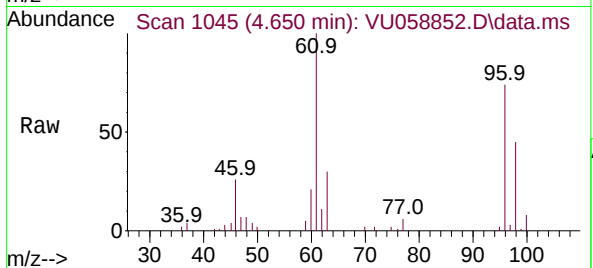
Tgt Ion: 43 Resp: 32959
Ion Ratio Lower Upper
43 100
72 29.6 12.8 38.4



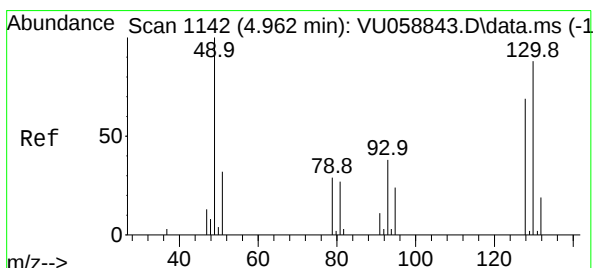
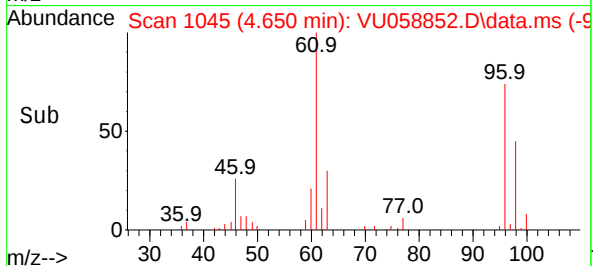
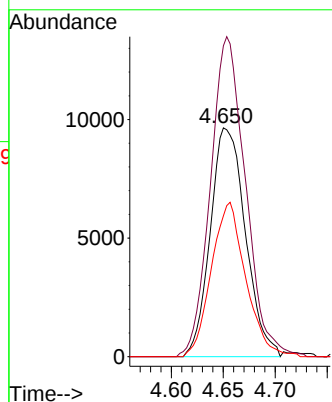


#22
cis-1,2-Dichloroethene
Concen: 4.778 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

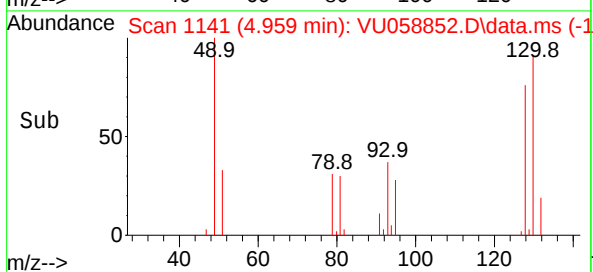
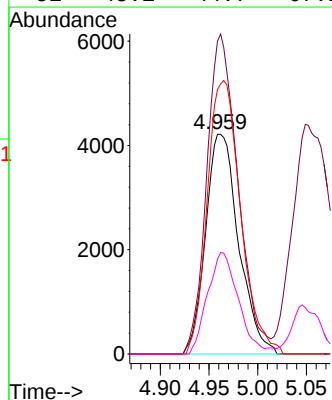
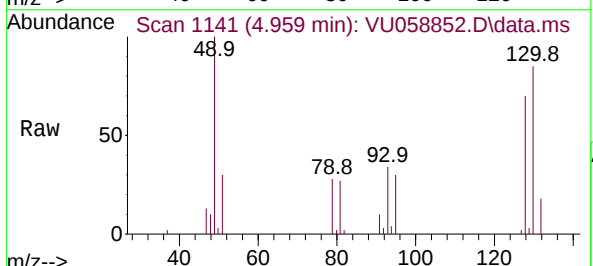


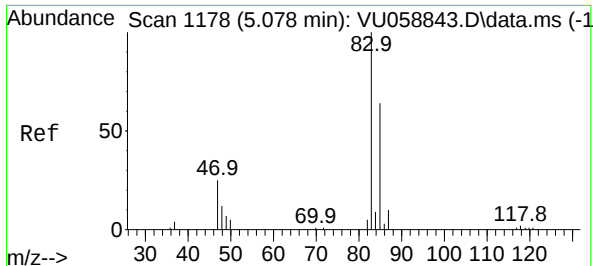
Tgt Ion: 96 Resp: 22672
Ion Ratio Lower Upper
96 100
61 135.9 100.4 186.4
98 61.5 45.1 83.7



#23
Bromochloromethane
Concen: 5.346 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 128 Resp: 9931
Ion Ratio Lower Upper
128 100
49 147.4 129.1 239.7
130 120.4 92.1 171.1
51 43.1 44.7 67.1#

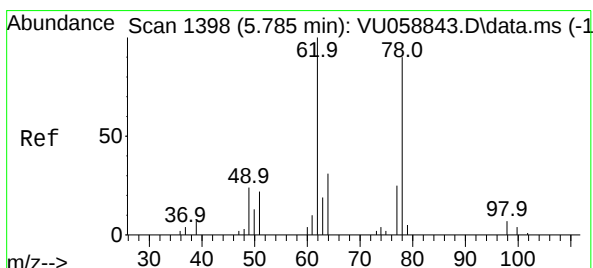
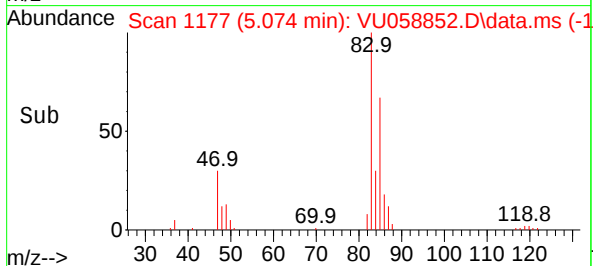
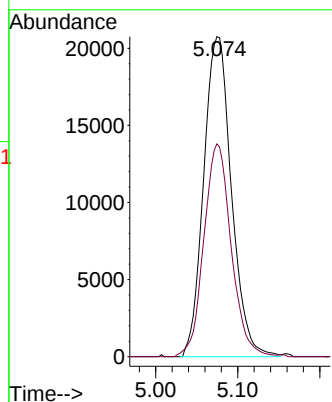
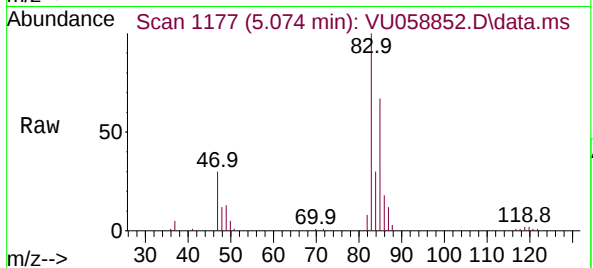




#25
Chloroform
Concen: 5.143 ug/L
RT: 5.074 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

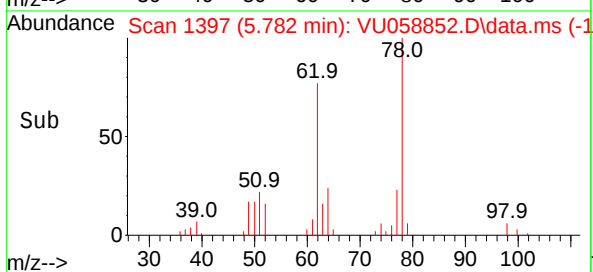
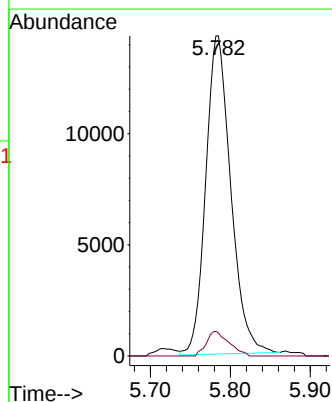
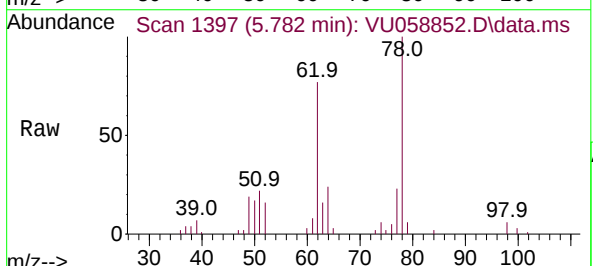
Instrument :
MSVOA_U
ClientSampleId :

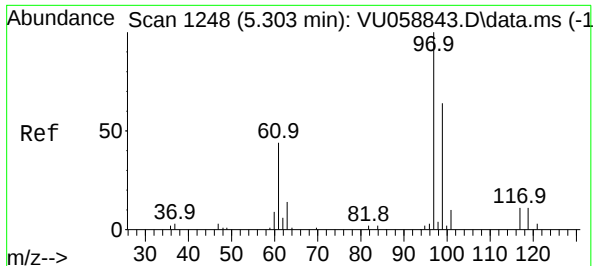
Tgt Ion: 83 Resp: 48894
Ion Ratio Lower Upper
83 100
85 66.5 47.0 87.4



#27
1,2-Dichloroethane
Concen: 5.483 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 62 Resp: 31185
Ion Ratio Lower Upper
62 100
98 7.7 6.7 10.1

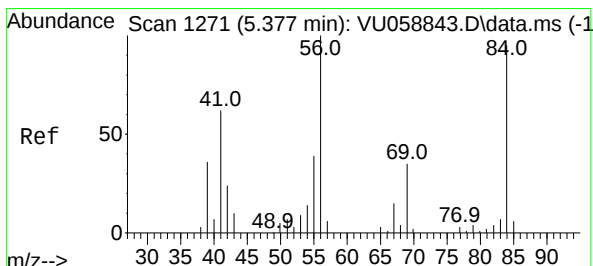
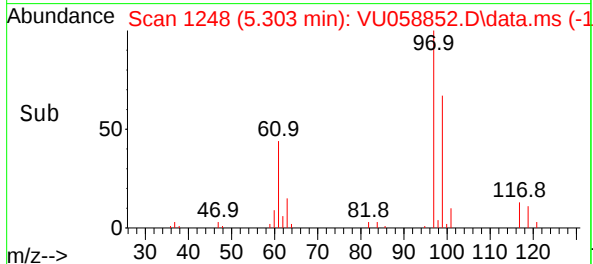
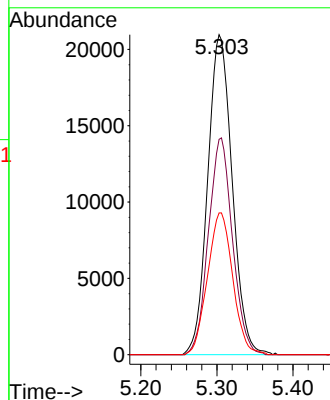
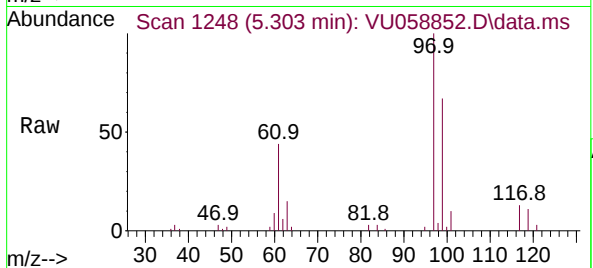




#29
1,1,1-Trichloroethane
Concen: 5.510 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

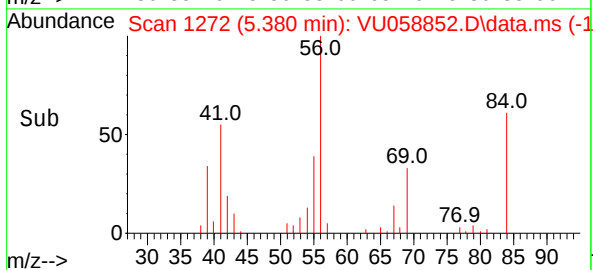
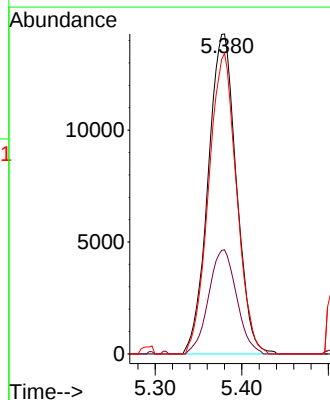
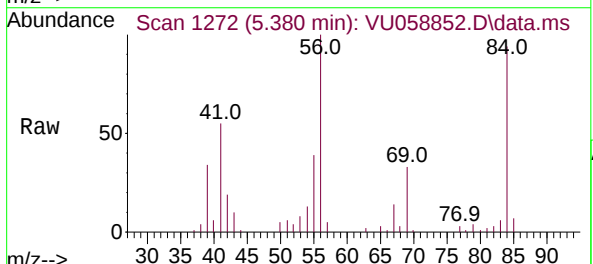
Instrument :
MSVOA_U
ClientSampleId :

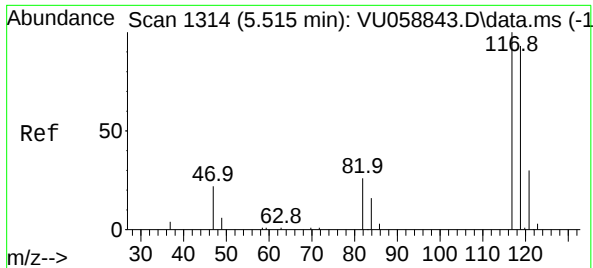
Tgt Ion: 97 Resp: 46919
Ion Ratio Lower Upper
97 100
99 66.5 50.5 75.7
61 45.8 37.3 55.9



#30
Cyclohexane
Concen: 4.022 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 56 Resp: 32328
Ion Ratio Lower Upper
56 100
69 32.3 23.7 35.5
84 92.8 64.2 96.4

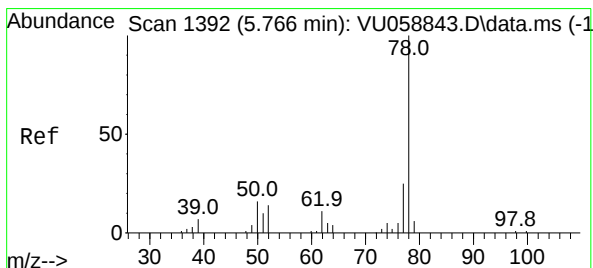
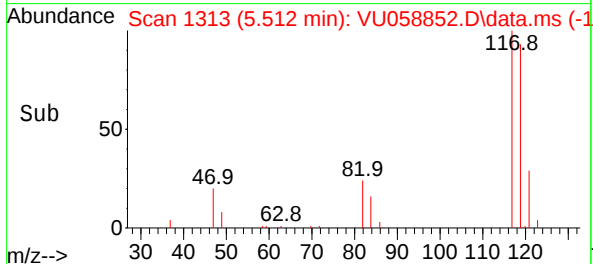
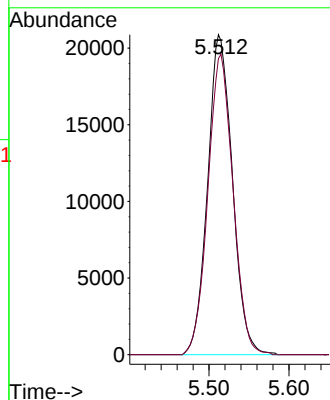
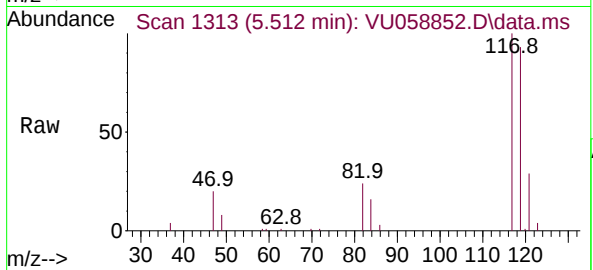




#31
Carbon tetrachloride
Concen: 5.976 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

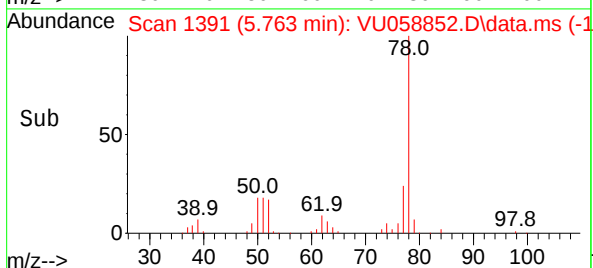
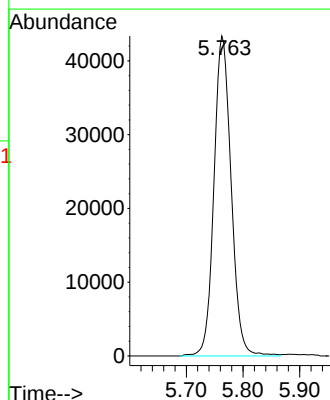
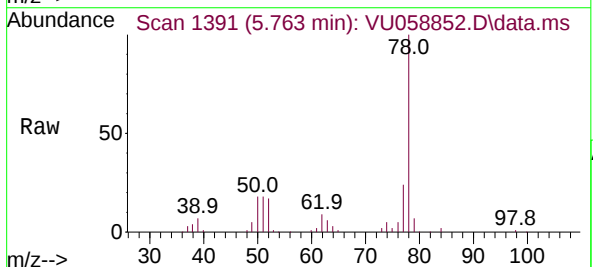
Instrument :
MSVOA_U
ClientSampleId :

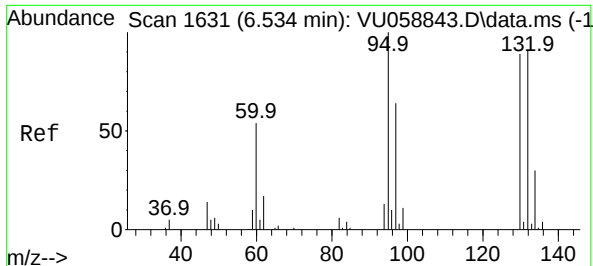
Tgt Ion:117 Resp: 44976
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 4.638 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 78 Resp: 91547





#34

Trichloroethene

Concen: 4.920 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

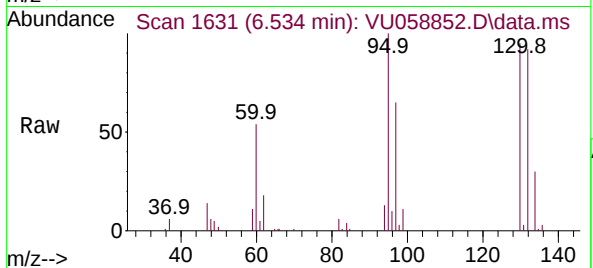
Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 26429

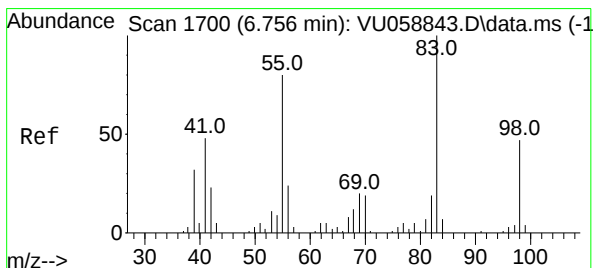
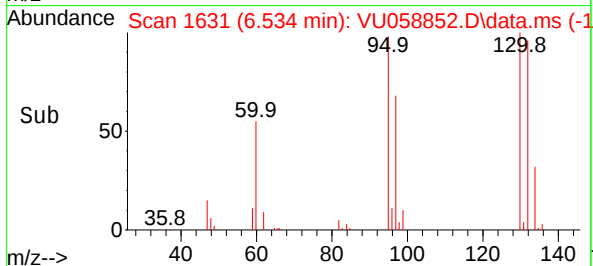
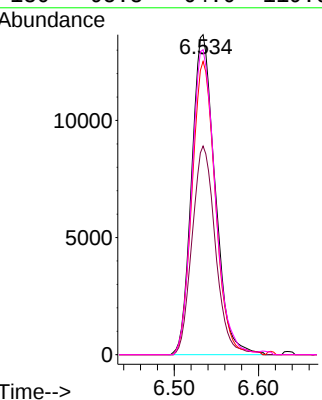
Ion Ratio Lower Upper

95 100

97 65.2 44.4 82.4

132 91.6 61.6 114.4

130 95.3 64.0 119.0



#35

Methylcyclohexane

Concen: 4.570 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

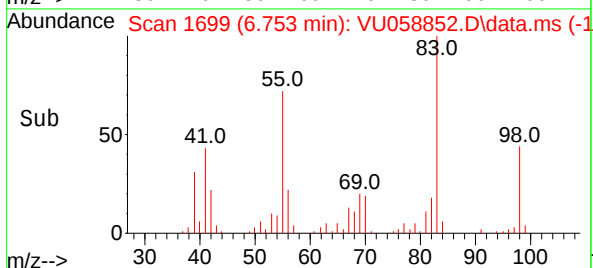
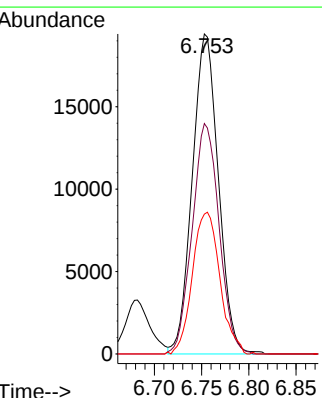
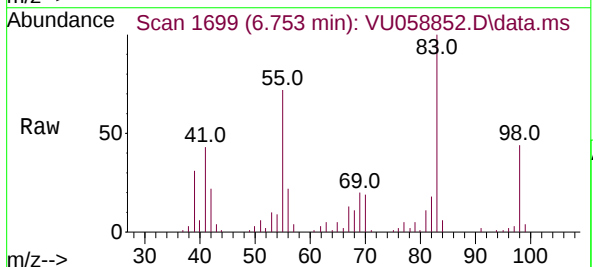
Tgt Ion: 83 Resp: 37301

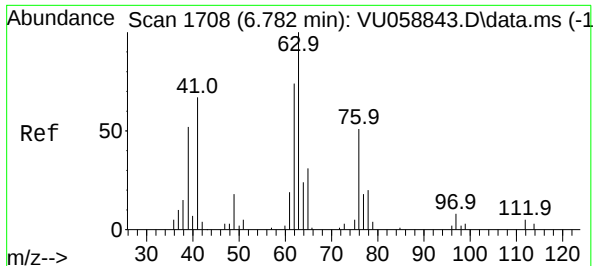
Ion Ratio Lower Upper

83 100

55 74.3 66.6 100.0

98 46.6 35.4 53.2

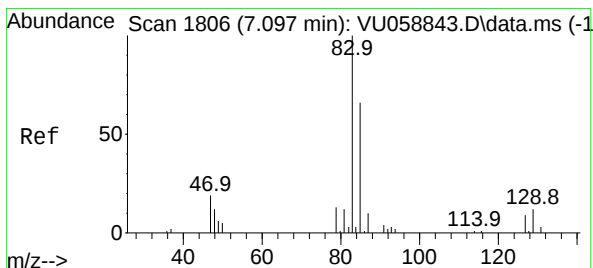
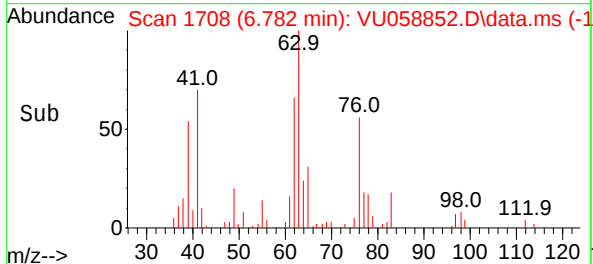
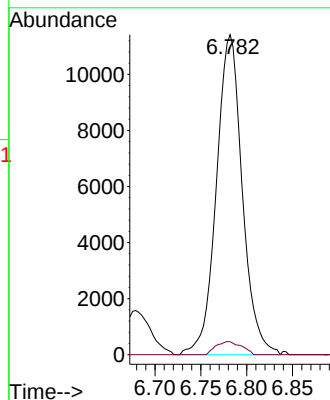
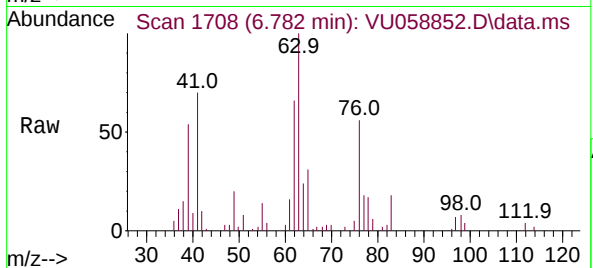




#37
1,2-Dichloropropane
Concen: 4.357 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

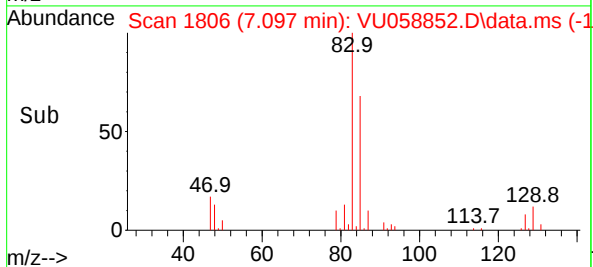
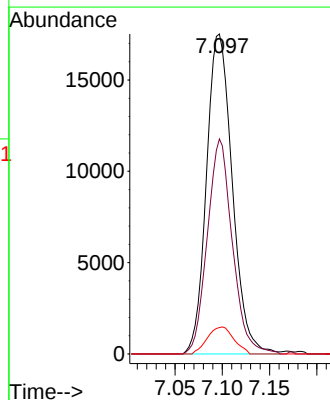
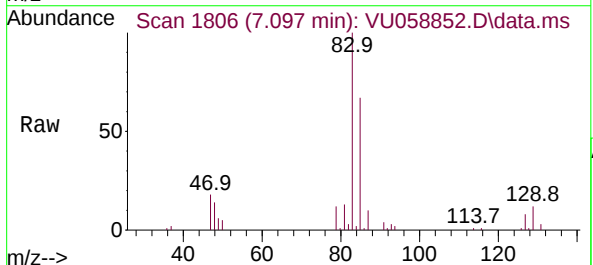
Instrument :
MSVOA_U
ClientSampleId :

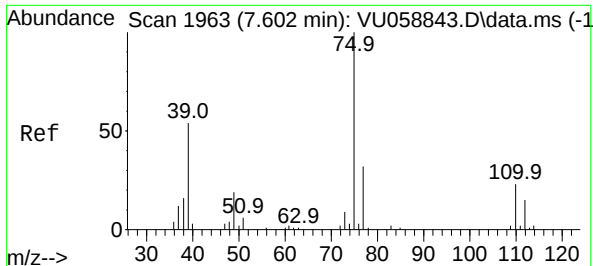
Tgt Ion: 63 Resp: 22468
Ion Ratio Lower Upper
63 100
112 4.0 2.8 4.2



#38
Bromodichloromethane
Concen: 5.217 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 83 Resp: 33323
Ion Ratio Lower Upper
83 100
85 67.2 45.2 84.0
127 8.3 6.3 9.5

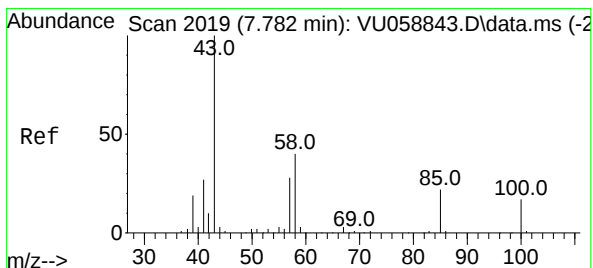
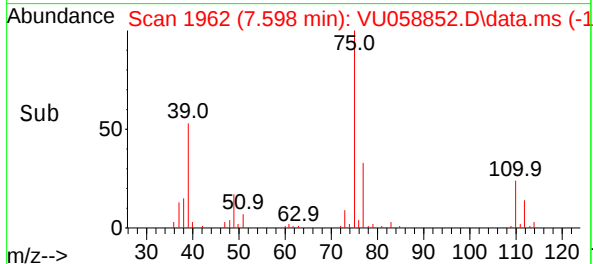
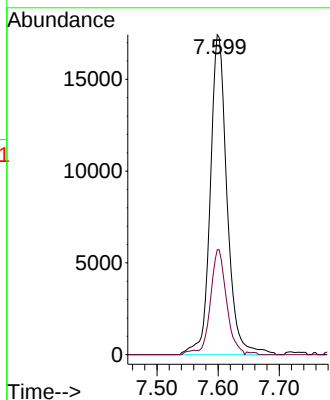
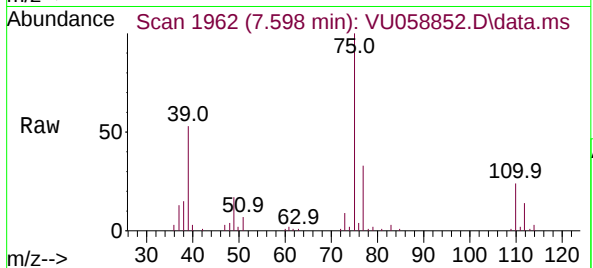




#39
 cis-1,3-Dichloropropene
 Concen: 4.665 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058852.D
 Acq: 07 May 2024 20:04

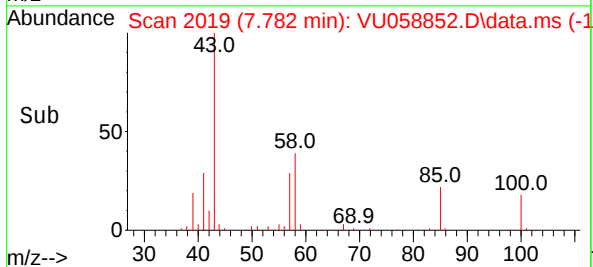
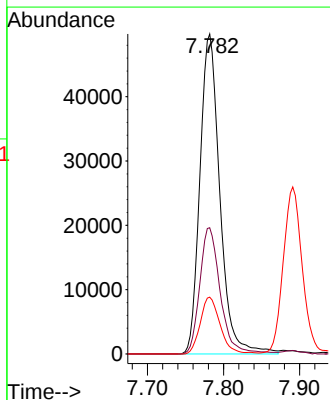
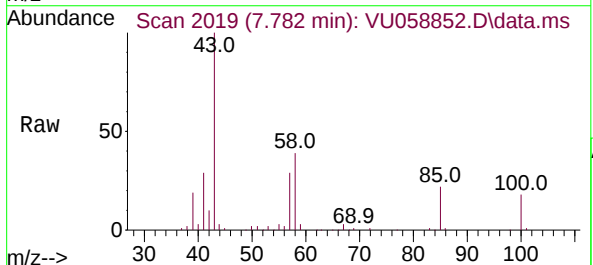
Instrument :
 MSVOA_U
 ClientSampleId :

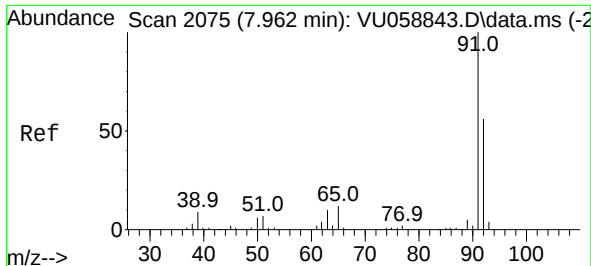
Tgt Ion: 75 Resp: 33298
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 39.907 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058852.D
 Acq: 07 May 2024 20:04

Tgt Ion: 43 Resp: 90824
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.5 47.3
 100 17.5 11.4 17.0#





#42

Toluene

Concen: 4.877 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

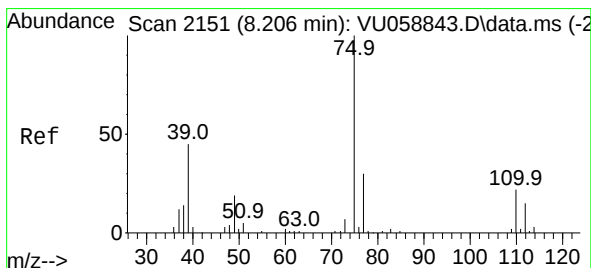
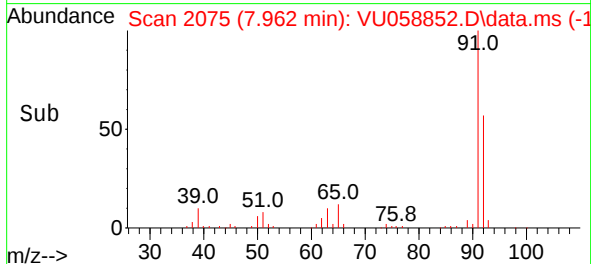
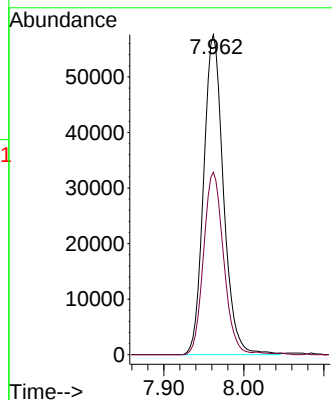
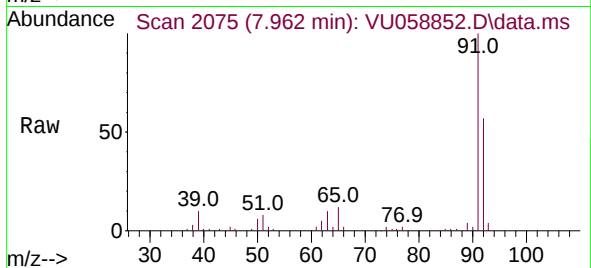
ClientSampleId :

Tgt Ion: 91 Resp: 99499

Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.047 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058852.D

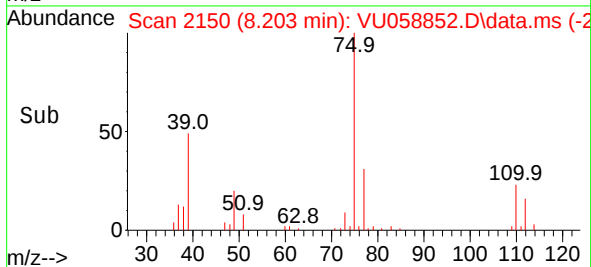
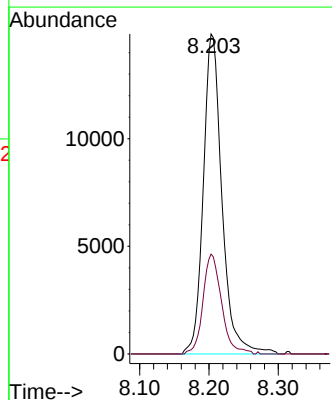
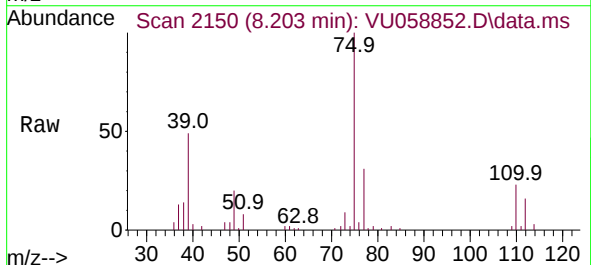
Acq: 07 May 2024 20:04

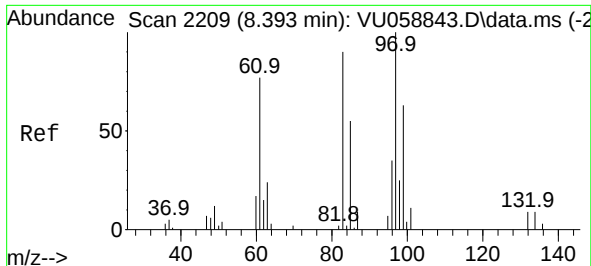
Tgt Ion: 75 Resp: 27738

Ion Ratio Lower Upper

75 100

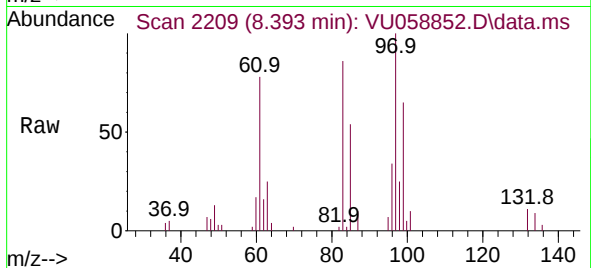
77 31.2 22.1 41.1



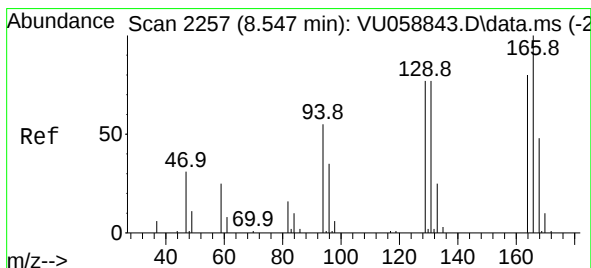
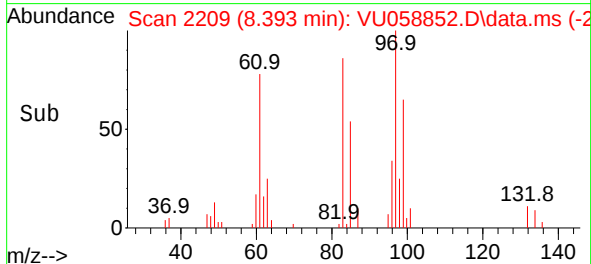
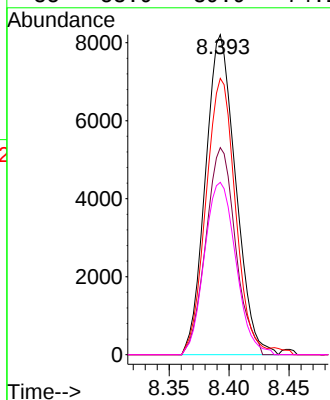


#45
1,1,2-Trichloroethane
Concen: 4.853 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

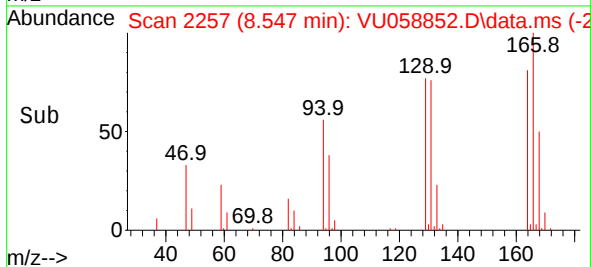
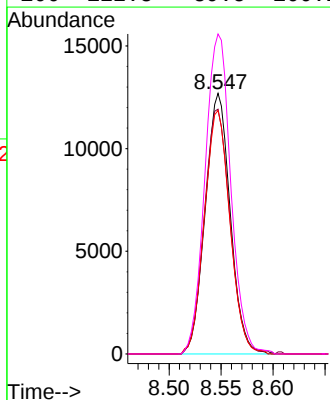
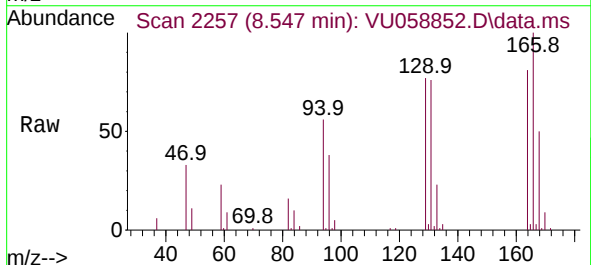


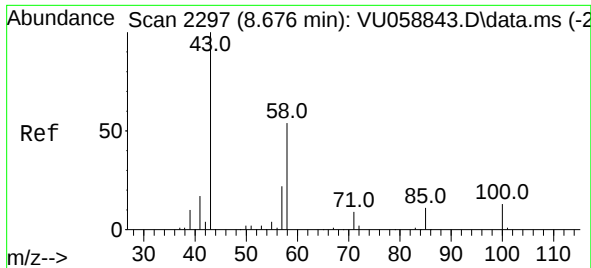
Tgt Ion:	97	Resp:	14399
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.7	81.1
83	86.4	62.9	116.9
85	53.9	39.9	74.1



#47
Tetrachloroethene
Concen: 5.628 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

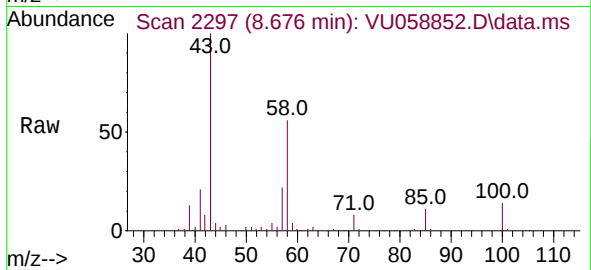
Tgt Ion:	164	Resp:	21216
Ion	Ratio	Lower	Upper
164	100		
129	94.0	71.5	132.9
131	93.4	65.0	120.6
166	122.8	89.5	166.1



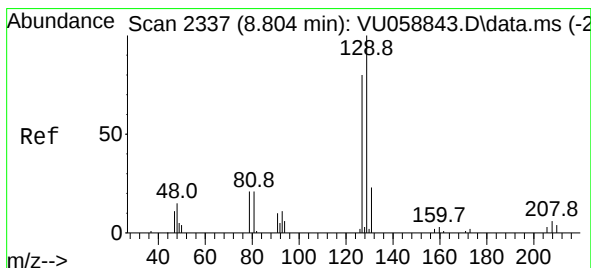
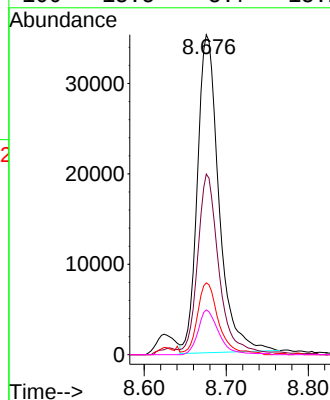
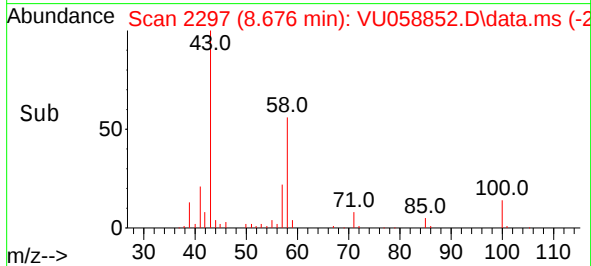


#48
2-Hexanone
Concen: 39.723 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

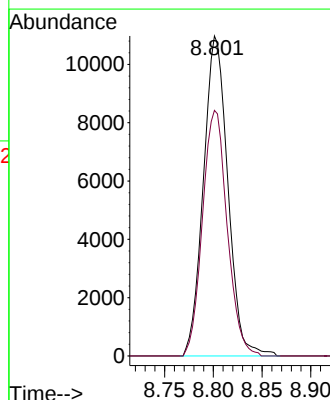
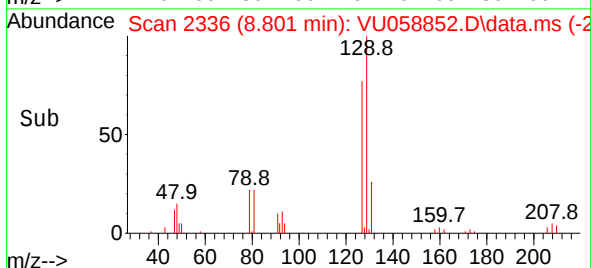
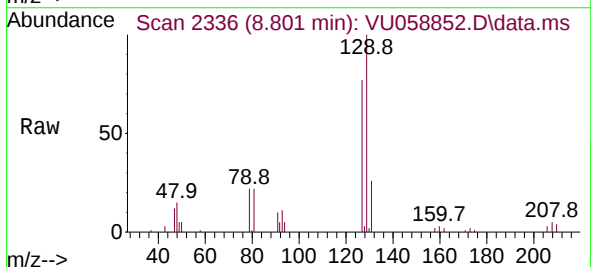


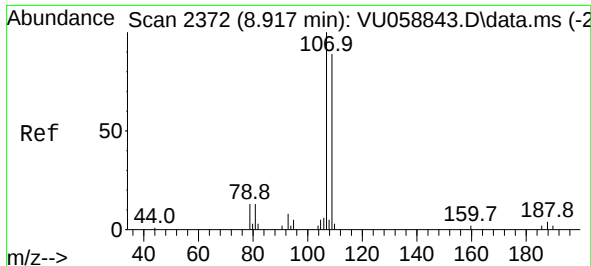
Tgt Ion: 43 Resp: 64221
Ion Ratio Lower Upper
43 100
58 54.5 43.7 65.5
57 22.3 15.0 22.4
100 13.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 5.508 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 129 Resp: 19137
Ion Ratio Lower Upper
129 100
127 76.7 51.0 94.8





#50

1,2-Dibromoethane

Concen: 4.636 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :

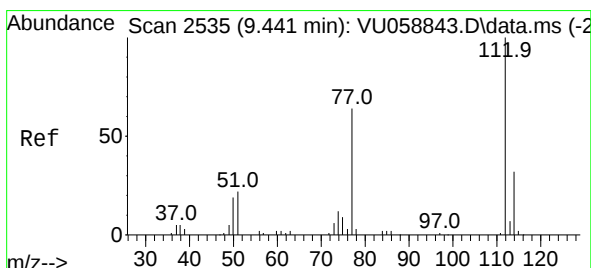
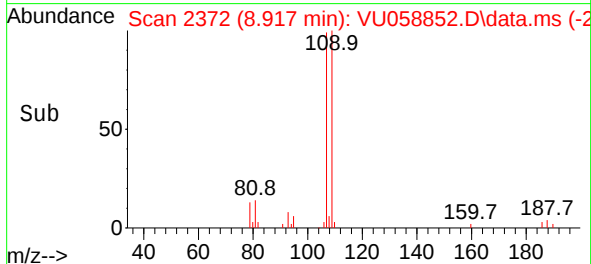
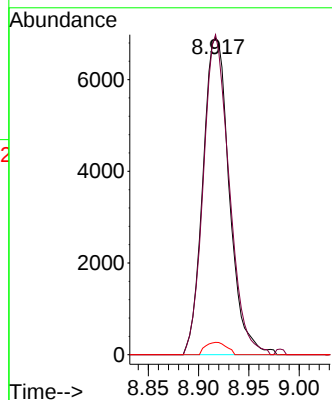
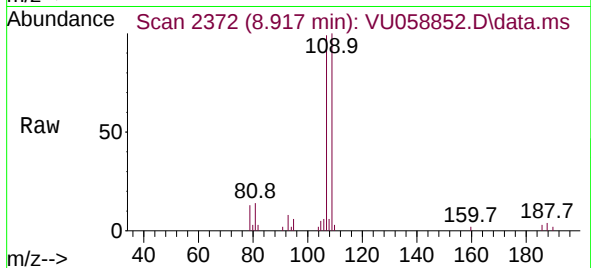
Tgt Ion:107 Resp: 12654

Ion Ratio Lower Upper

107 100

109 100.9 62.3 115.7

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 5.038 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

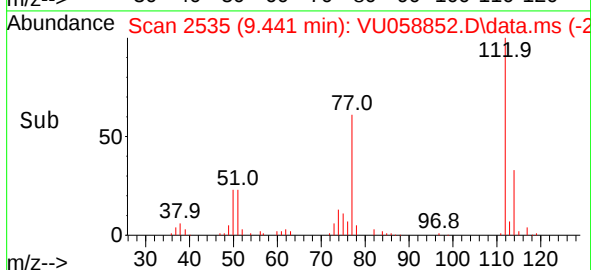
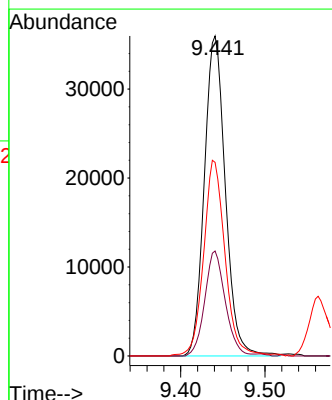
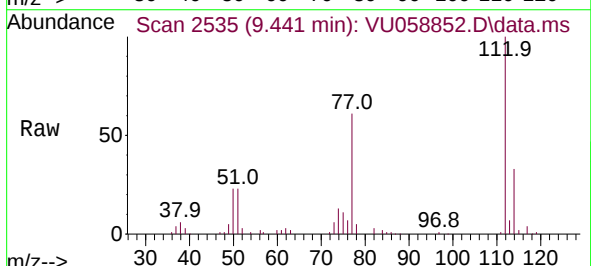
Tgt Ion:112 Resp: 62618

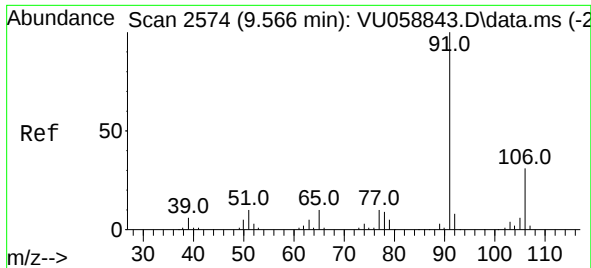
Ion Ratio Lower Upper

112 100

114 32.8 21.7 40.3

77 60.5 50.5 75.7

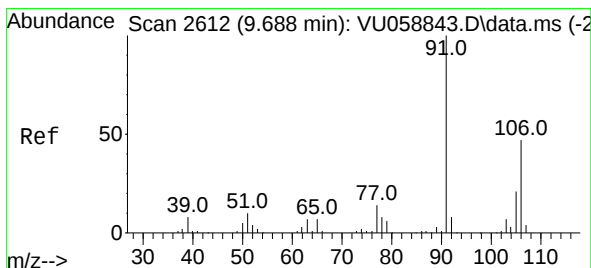
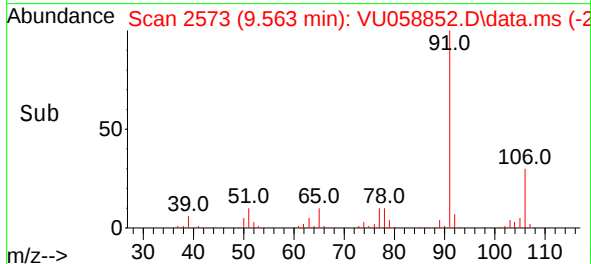
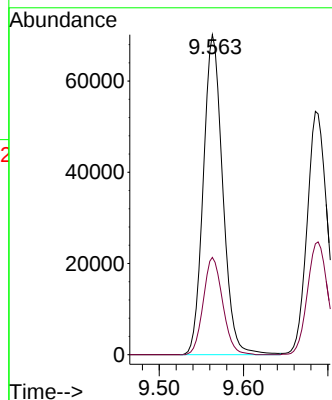
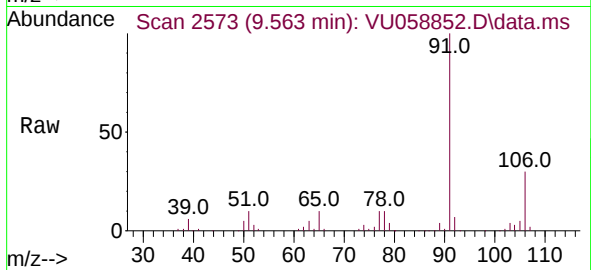




#52
Ethylbenzene
Concen: 5.002 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

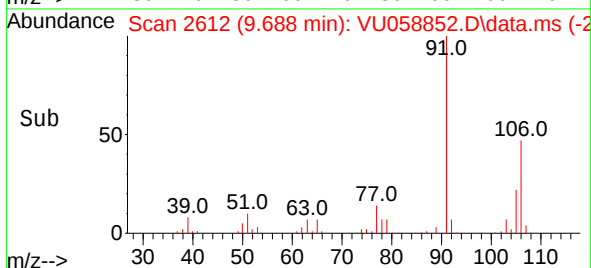
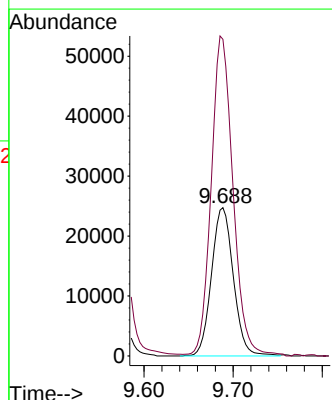
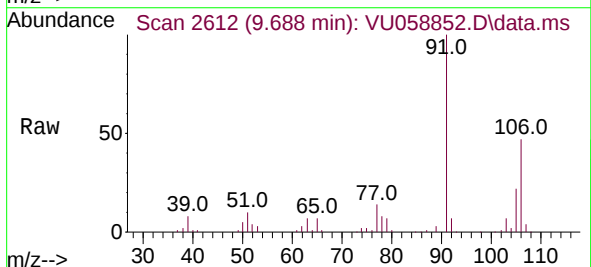
Instrument :
MSVOA_U
ClientSampleId :

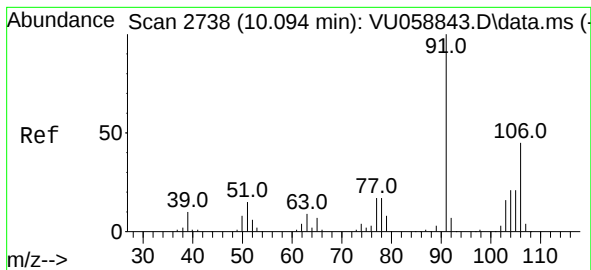
Tgt Ion: 91 Resp: 112540
Ion Ratio Lower Upper
91 100
106 30.4 20.9 38.9



#53
m,p-Xylene
Concen: 5.104 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion:106 Resp: 42181
Ion Ratio Lower Upper
106 100
91 213.5 155.1 288.1





#54

o-Xylene

Concen: 5.135 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

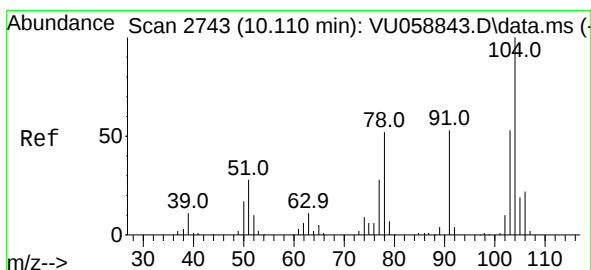
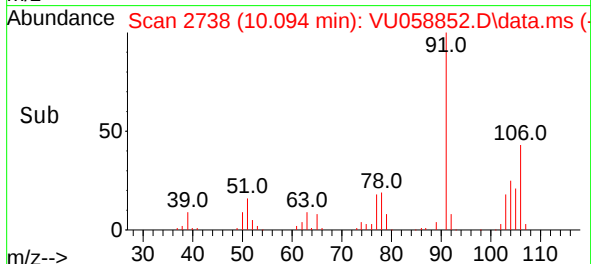
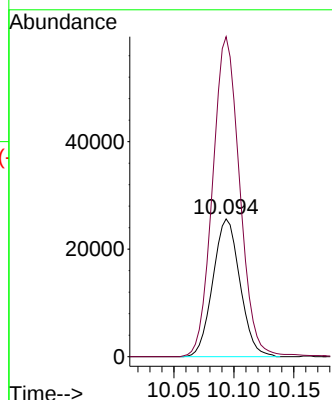
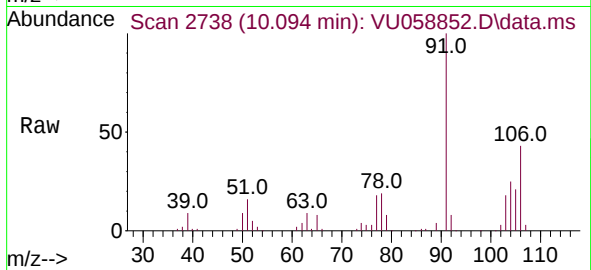
ClientSampleId :

Tgt Ion:106 Resp: 40229

Ion Ratio Lower Upper

106 100

91 232.3 163.7 304.1



#55

Styrene

Concen: 5.364 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058852.D

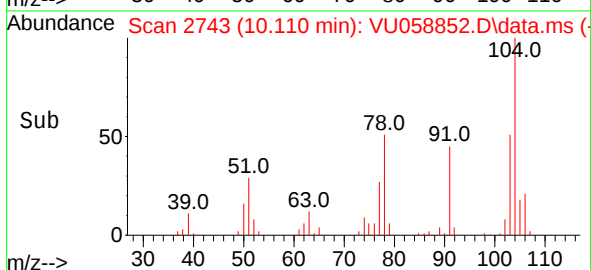
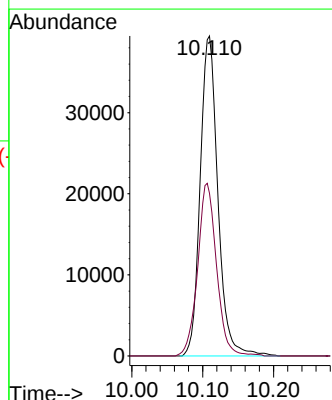
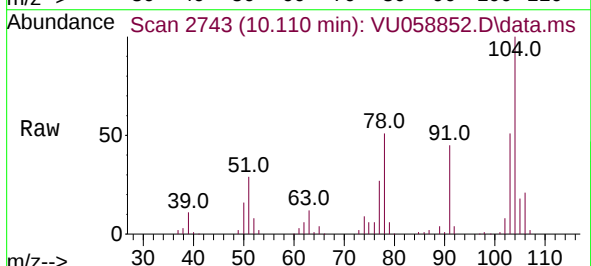
Acq: 07 May 2024 20:04

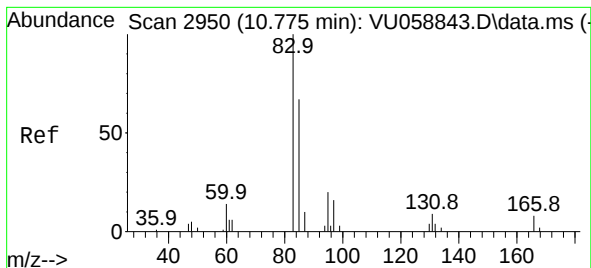
Tgt Ion:104 Resp: 68462

Ion Ratio Lower Upper

104 100

78 50.9 37.1 68.9

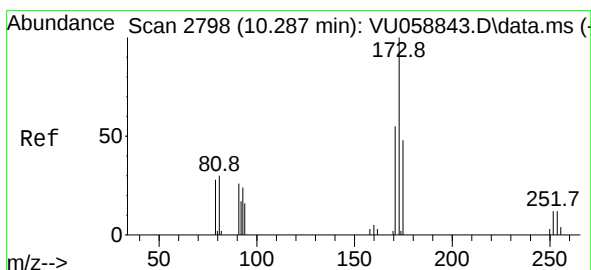
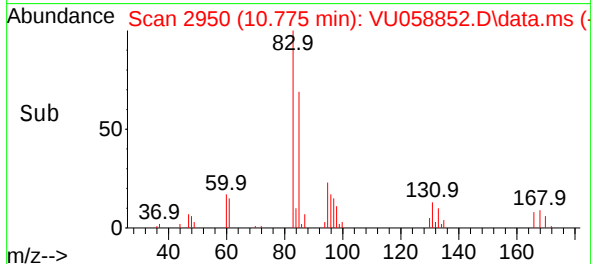
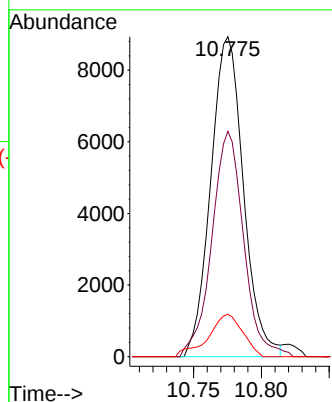
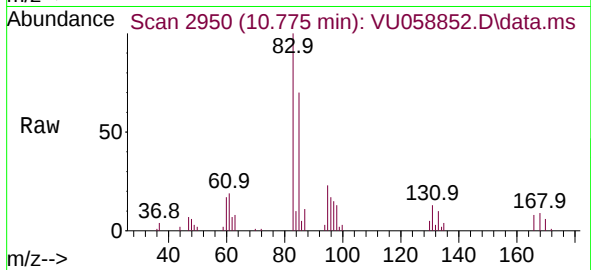




#57
1,1,2-Tetrachloroethane
Concen: 4.338 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

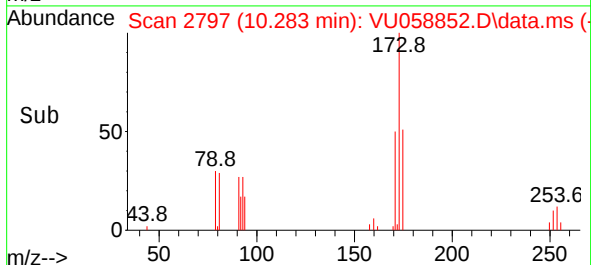
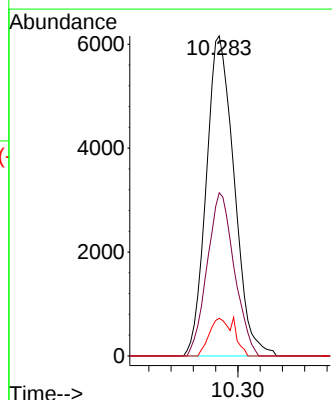
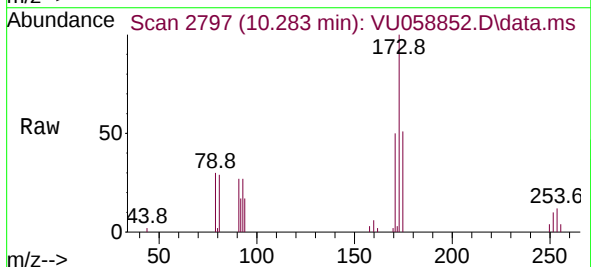
Instrument :
MSVOA_U
ClientSampleId :

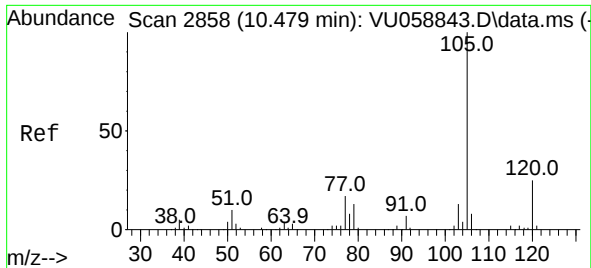
Tgt Ion: 83 Resp: 15000
Ion Ratio Lower Upper
83 100
85 70.4 44.6 82.8
131 13.2 6.7 10.1#



#59
Bromoform
Concen: 5.016 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion:173 Resp: 10714
Ion Ratio Lower Upper
173 100
175 49.5 39.3 58.9
254 10.5 7.5 11.3

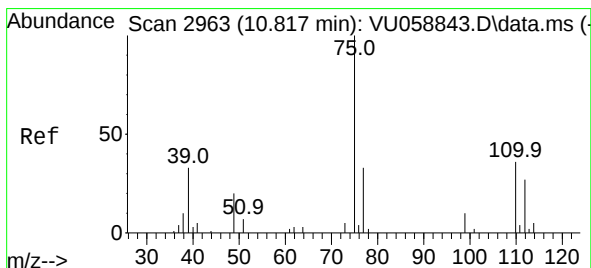
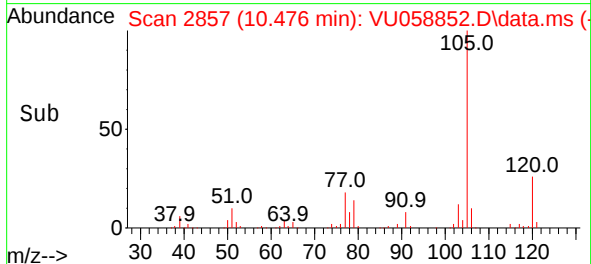
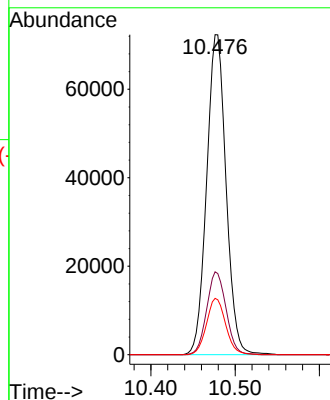
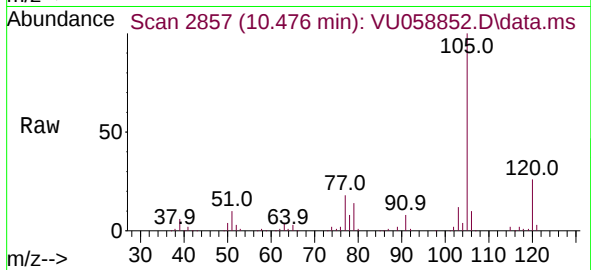




#60
Isopropylbenzene
Concen: 4.793 ug/L
RT: 10.476 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

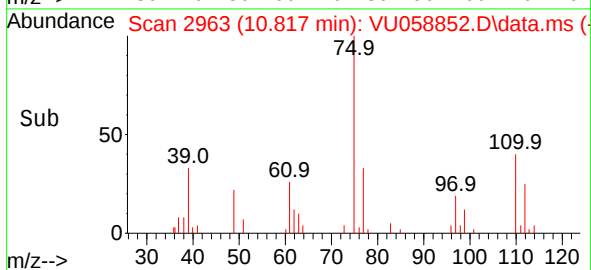
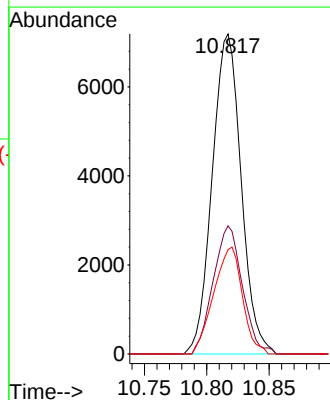
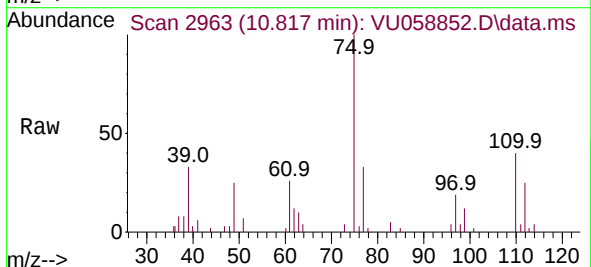
Instrument :
MSVOA_U
ClientSampleId :

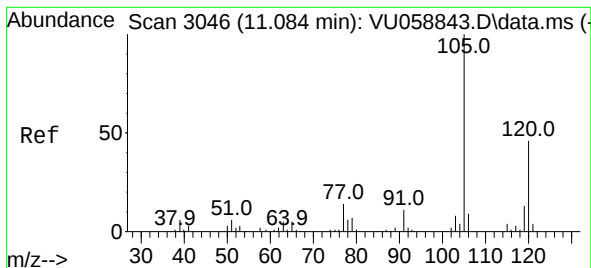
Tgt Ion:105 Resp: 115960
Ion Ratio Lower Upper
105 100
120 25.8 19.6 29.4
77 17.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 4.184 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion: 75 Resp: 11614
Ion Ratio Lower Upper
75 100
110 40.4 28.6 43.0
77 33.1 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.797 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

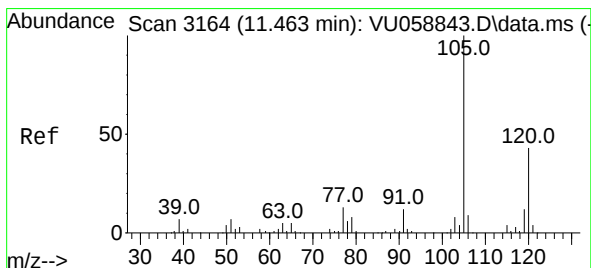
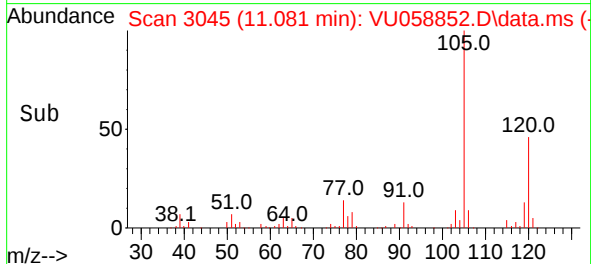
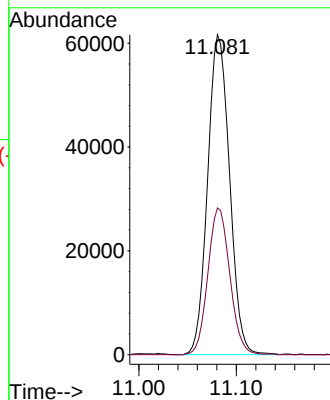
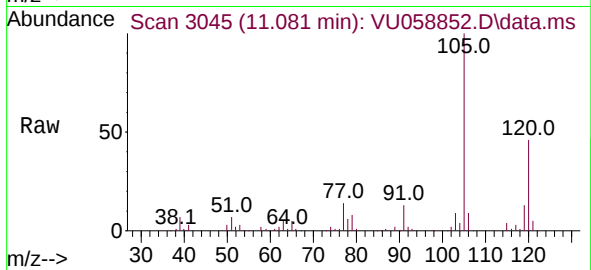
ClientSampleId :

Tgt Ion:105 Resp: 96588

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.051 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058852.D

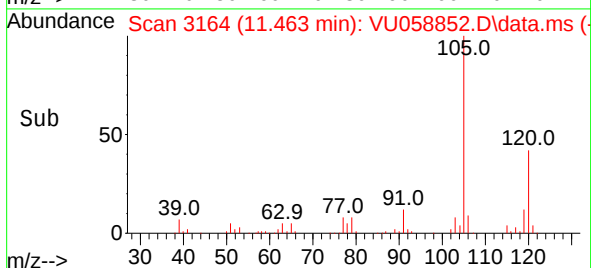
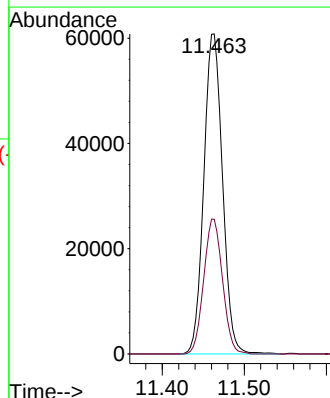
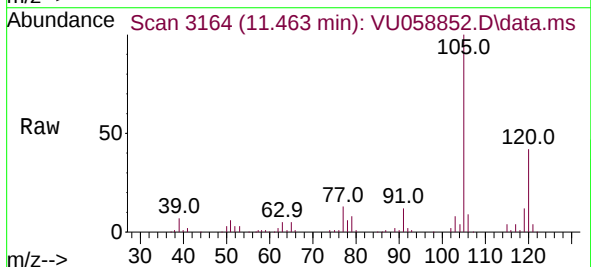
Acq: 07 May 2024 20:04

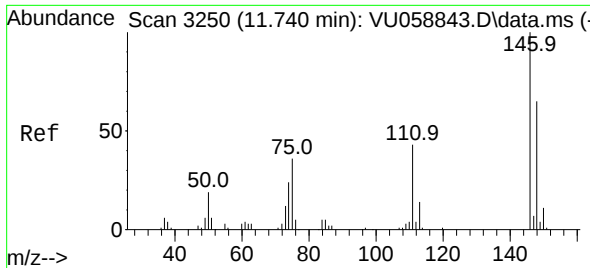
Tgt Ion:105 Resp: 96206

Ion Ratio Lower Upper

105 100

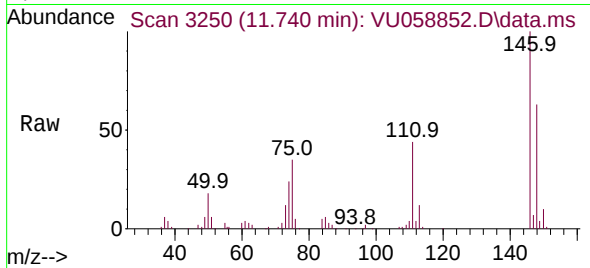
120 42.3 33.4 50.0



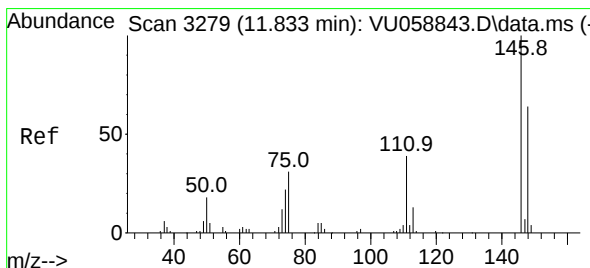
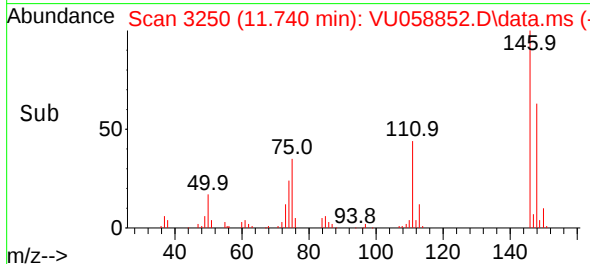
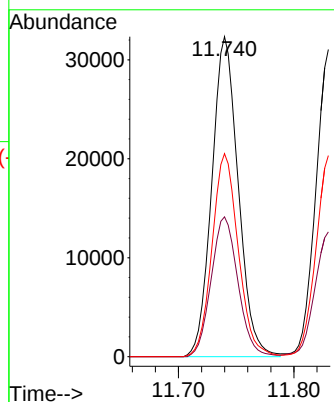


#64
1,3-Dichlorobenzene
Concen: 4.929 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

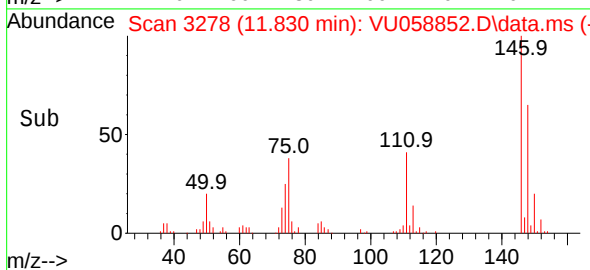
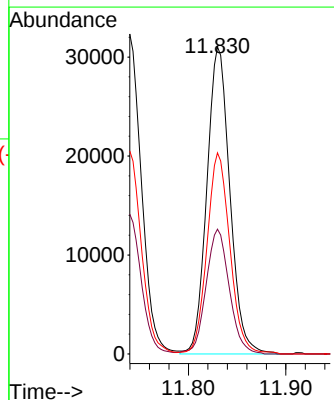
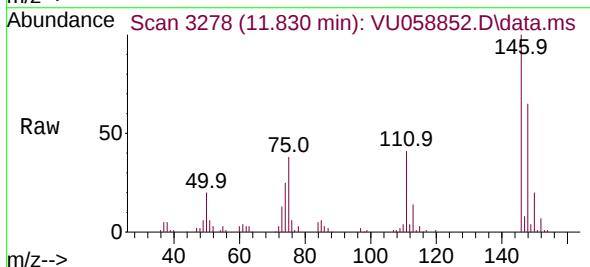


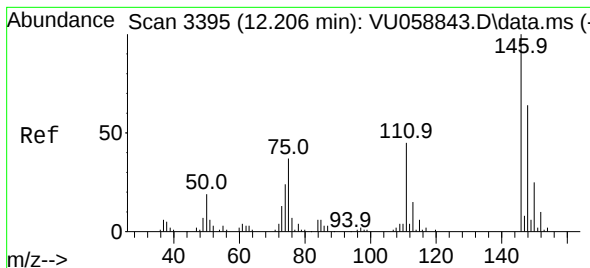
Tgt Ion:146 Resp: 51394
Ion Ratio Lower Upper
146 100
111 43.7 30.9 57.3
148 63.4 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 5.002 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion:146 Resp: 50893
Ion Ratio Lower Upper
146 100
111 40.6 29.3 54.3
148 65.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.022 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

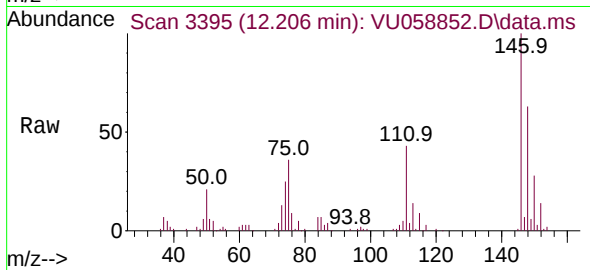
Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



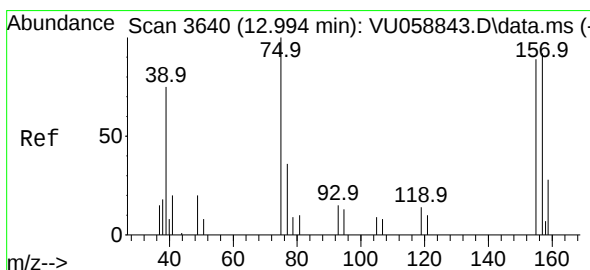
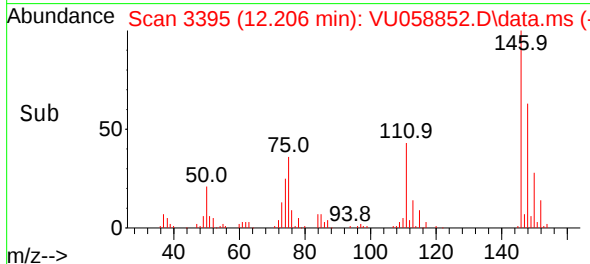
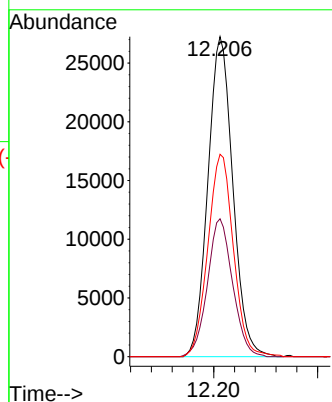
Tgt Ion:146 Resp: 45330

Ion Ratio Lower Upper

146 100

111 43.1 35.7 53.5

148 63.3 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.477 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

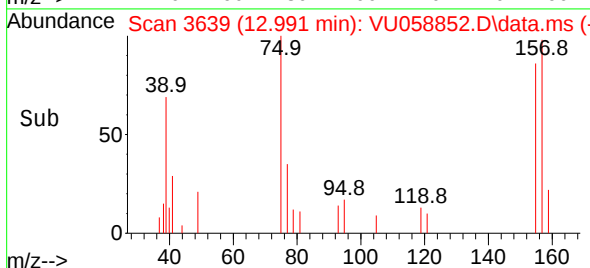
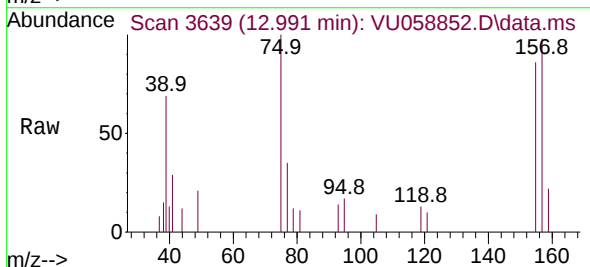
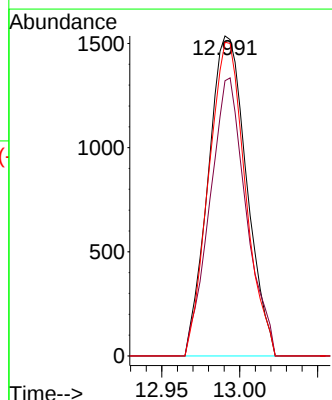
Tgt Ion: 75 Resp: 2627

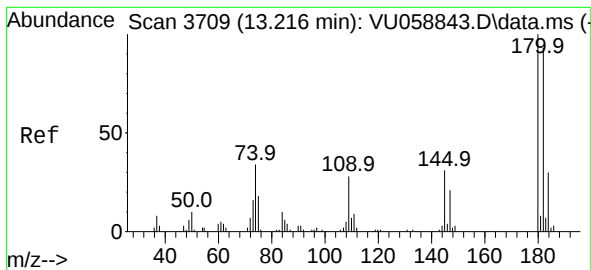
Ion Ratio Lower Upper

75 100

155 86.0 53.6 80.4#

157 98.0 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.218 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

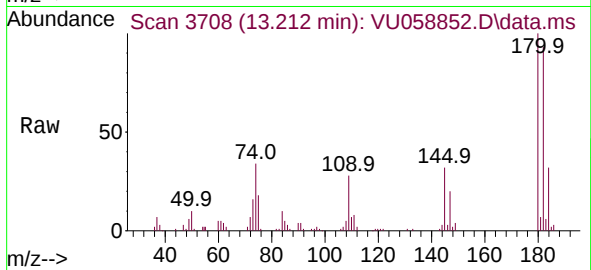
Lab File: VU058852.D

Acq: 07 May 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 38922

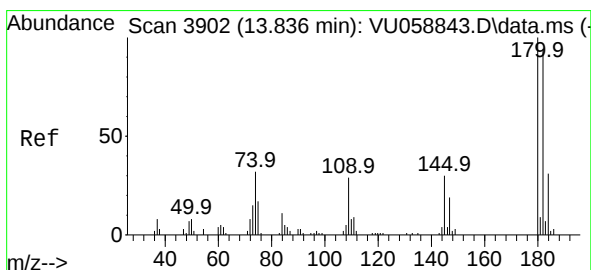
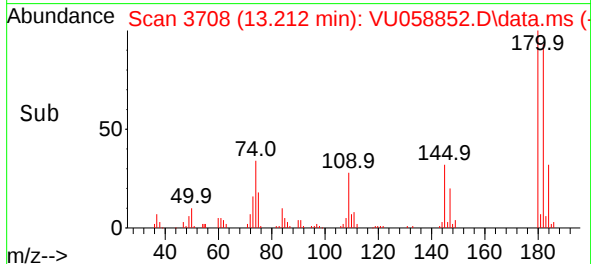
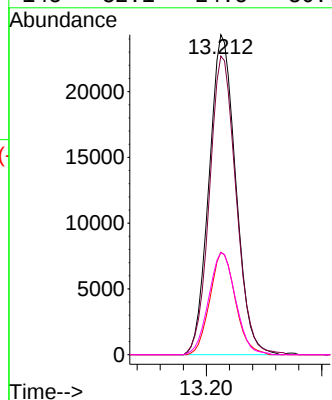
Ion Ratio Lower Upper

180 100

182 93.2 75.9 113.9

184 30.6 24.7 37.1

145 32.1 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.933 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058852.D

Acq: 07 May 2024 20:04

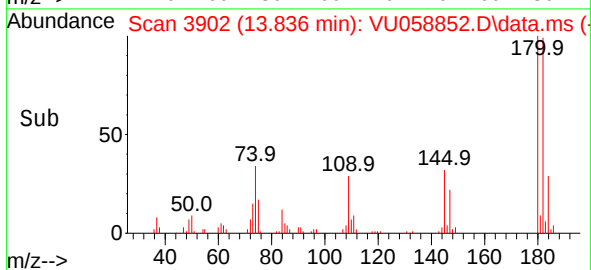
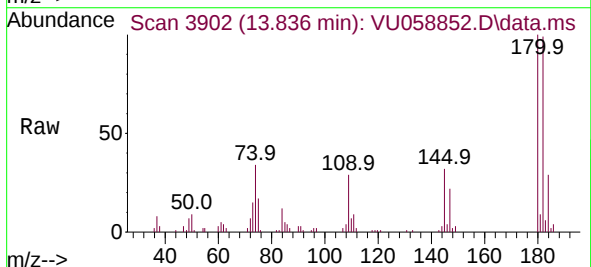
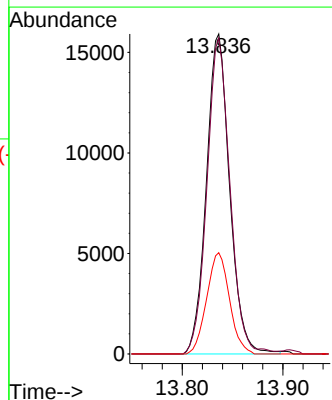
Tgt Ion:180 Resp: 25578

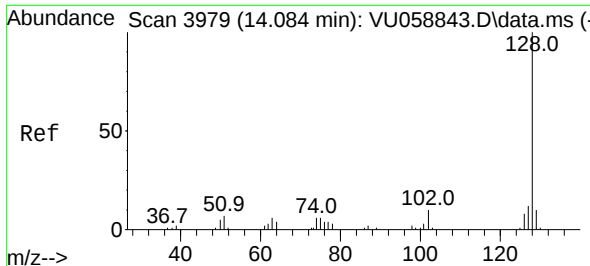
Ion Ratio Lower Upper

180 100

182 97.7 75.9 113.9

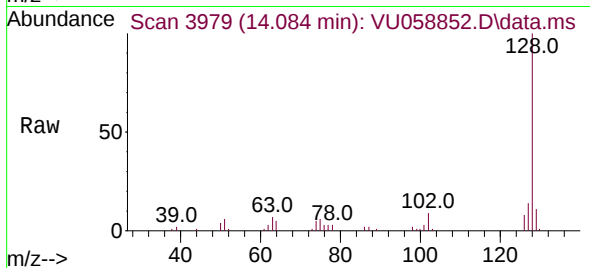
145 30.9 25.7 38.5



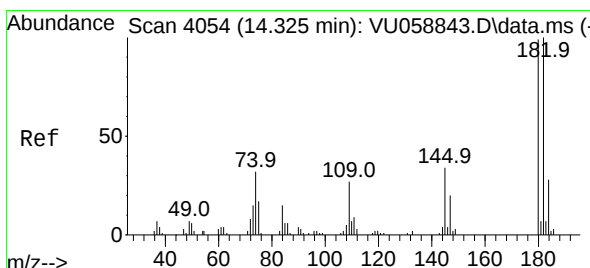
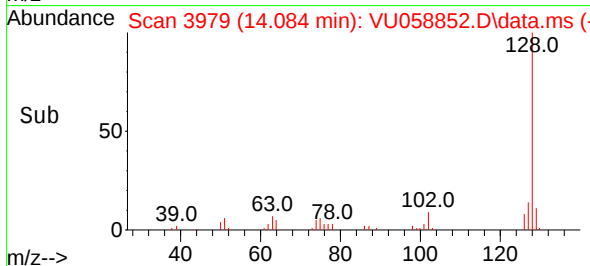
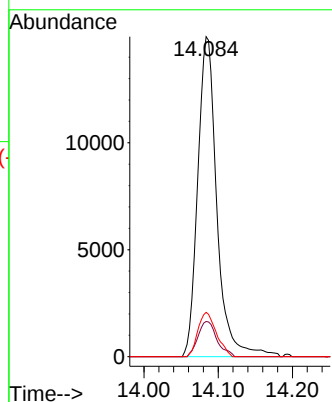


#71
Naphthalene
Concen: 4.278 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 26837
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.3 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.963 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058852.D
Acq: 07 May 2024 20:04

Tgt Ion:180 Resp: 20398
Ion Ratio Lower Upper
180 100
182 96.9 75.0 112.6
145 33.5 27.6 41.4

