

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058208.D
 Acq On : 22 Mar 2024 21:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:49:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31835	4.413	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.911	69	28124	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.563	65	13385	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.628	46	68554	53.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	5.055	84	63080	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	29214	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	124830	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	38251	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	111423	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	12391	4.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.628	63	52275	51.095	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26130	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36634	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	16242	4.619	ug/L	100
3) Chloromethane	1.518	50	20576	4.591	ug/L	98
5) Vinyl chloride	1.602	62	23330	4.767	ug/L	98
6) Bromomethane	1.856	94	12646	4.817	ug/L	97
8) Chloroethane	1.930	64	16173	5.011	ug/L	97
9) Trichlorofluoromethane	2.136	101	38794	4.877	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	24454	4.790	ug/L	99
12) 1,1-Dichloroethene	2.576	96	20579	4.808	ug/L	91
13) Acetone	2.647	43	37086	44.708	ug/L	98
14) Carbon disulfide	2.789	76	45628	4.771	ug/L	98
15) Methyl Acetate	2.953	43	8582	4.984	ug/L	99
16) Methylene chloride	3.039	84	26605	4.387	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	55232	4.808	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	21854	4.886	ug/L	95
19) 1,1-Dichloroethane	3.862	63	50795	5.054	ug/L	98
21) 2-Butanone	4.708	43	57393	45.541	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	27255	4.931	ug/L	100
23) Bromochloromethane	4.965	128	11053	5.359	ug/L	99
25) Chloroform	5.078	83	52060	4.940	ug/L	95

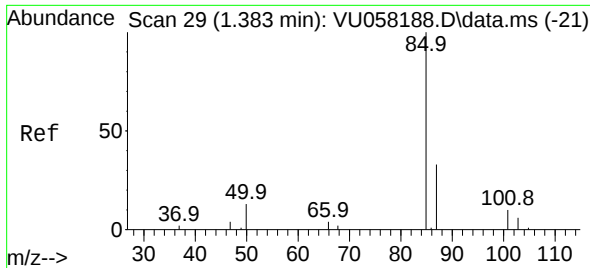
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058208.D
 Acq On : 22 Mar 2024 21:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:49:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	29438	4.920	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	41371	4.858	ug/L	99
30) Cyclohexane	5.380	56	34866	4.687	ug/L	98
31) Carbon tetrachloride	5.518	117	34125	4.707	ug/L	99
33) Benzene	5.766	78	106952	4.944	ug/L	100
34) Trichloroethene	6.534	95	28569	5.069	ug/L	97
35) Methylcyclohexane	6.756	83	36126	4.596	ug/L	99
37) 1,2-Dichloropropane	6.782	63	29356	4.858	ug/L	99
38) Bromodichloromethane	7.100	83	34120	4.926	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	37567	4.902	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	148175	48.492	ug/L	99
42) Toluene	7.962	91	113978	4.987	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	30546	5.065	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	18791	4.937	ug/L	97
47) Tetrachloroethene	8.547	164	18936	5.016	ug/L	96
48) 2-Hexanone	8.679	43	106295	47.767	ug/L	96
49) Dibromochloromethane	8.801	129	21569	5.179	ug/L	100
50) 1,2-Dibromoethane	8.917	107	16604	5.067	ug/L	96
51) Chlorobenzene	9.441	112	72446	4.919	ug/L	99
52) Ethylbenzene	9.563	91	125182	4.905	ug/L	99
53) m,p-Xylene	9.685	106	45447	4.998	ug/L	97
54) o-Xylene	10.094	106	44916	4.893	ug/L	97
55) Styrene	10.107	104	74490	5.139	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	21974	4.898	ug/L	99
59) Bromoform	10.283	173	10692	4.989	ug/L #	97
60) Isopropylbenzene	10.476	105	117308	4.785	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	15776	4.617	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	97389	4.734	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	97141	4.754	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	55131	4.829	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	53784	4.874	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	49608	4.699	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	3102	6.020	ug/L	89
69) 1,3,5-Trichlorobenzene	13.213	180	38299	4.798	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	27915	4.688	ug/L	97
71) Naphthalene	14.084	128	35492	4.377	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	22842	4.685	ug/L	97

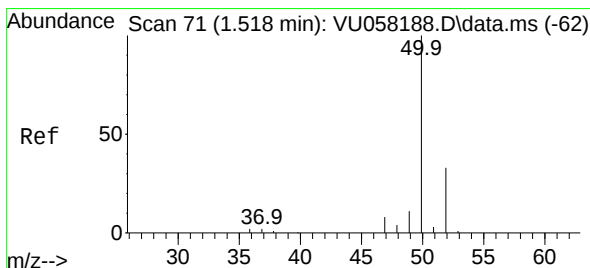
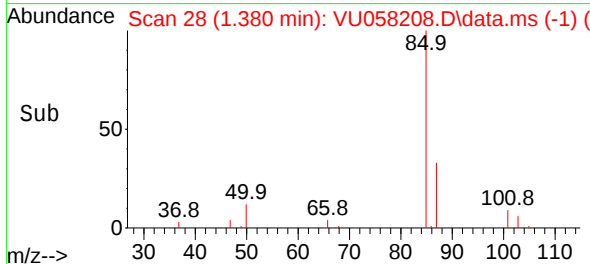
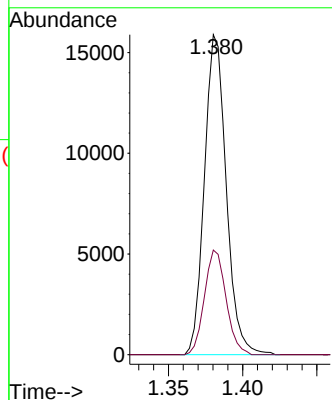
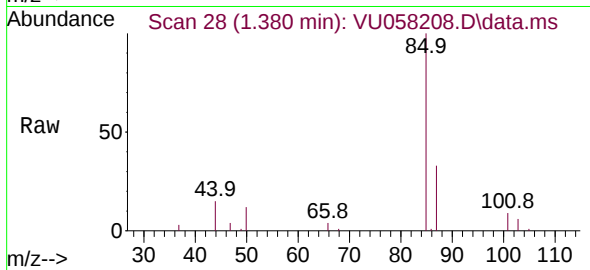
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.619 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU058208.D
 Acq: 22 Mar 2024 21:53

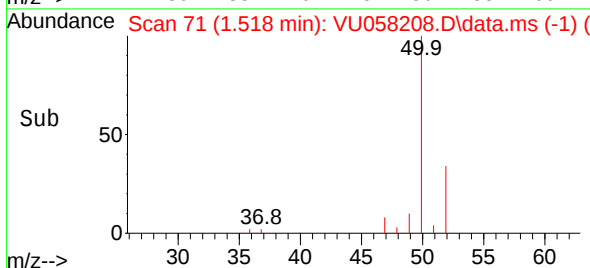
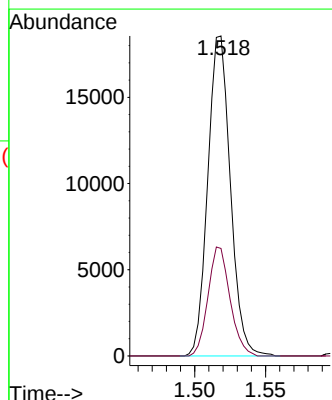
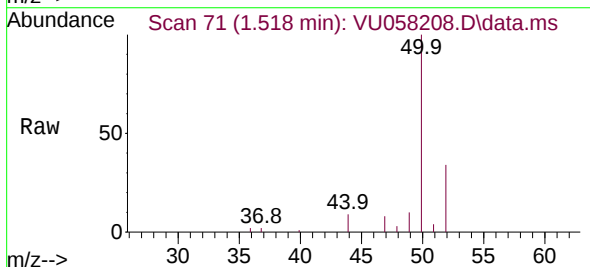
Instrument :
 MSVOA_U
 ClientSampleId :

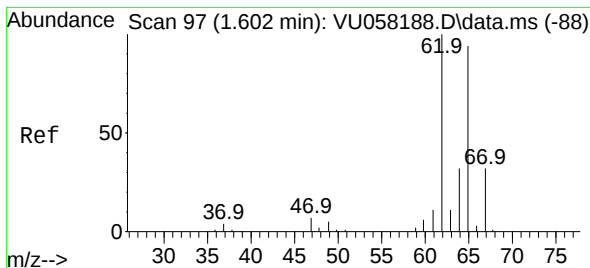
Tgt Ion: 85 Resp: 16242
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 4.591 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU058208.D
 Acq: 22 Mar 2024 21:53

Tgt Ion: 50 Resp: 20576
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.2 45.0





#5

Vinyl chloride

Concen: 4.767 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

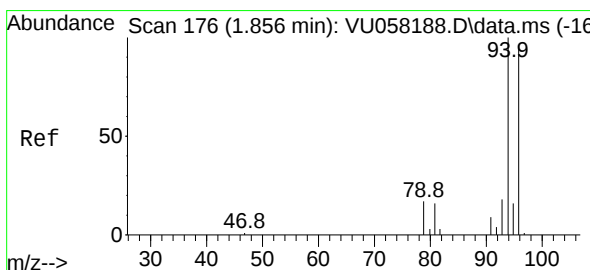
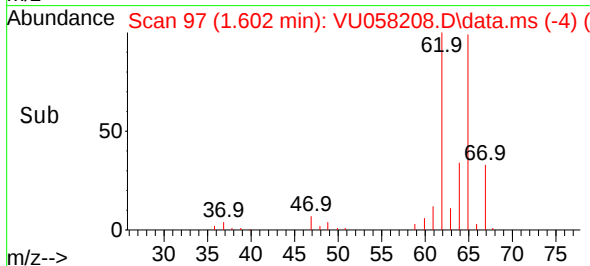
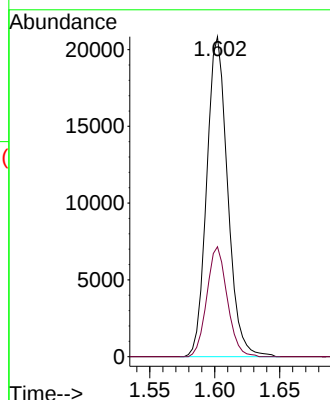
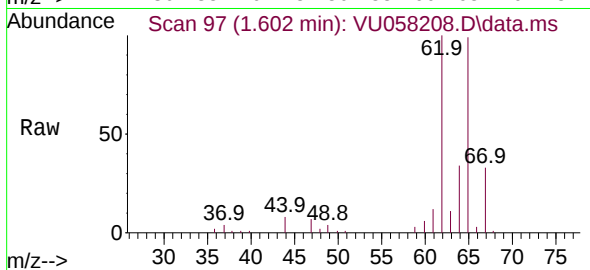
ClientSampleId :

Tgt Ion: 62 Resp: 23330

Ion Ratio Lower Upper

62 100

64 34.4 23.4 43.6



#6

Bromomethane

Concen: 4.817 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU058208.D

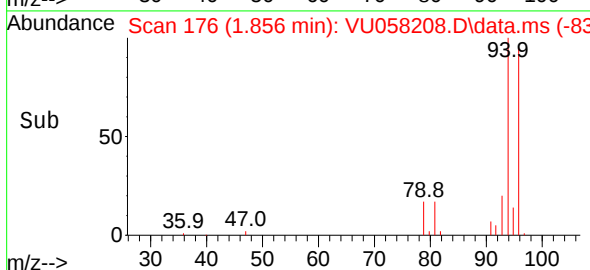
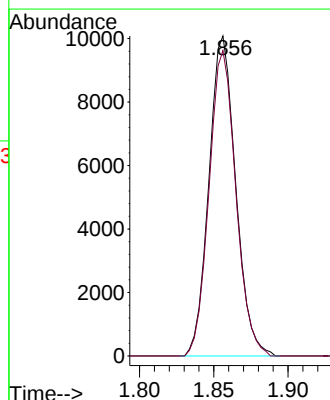
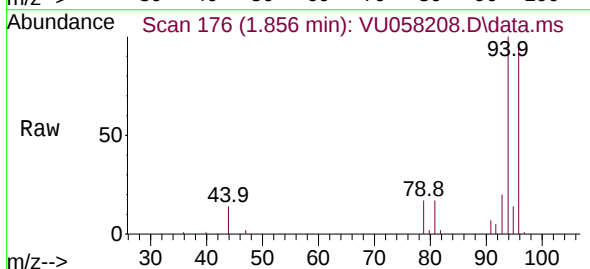
Acq: 22 Mar 2024 21:53

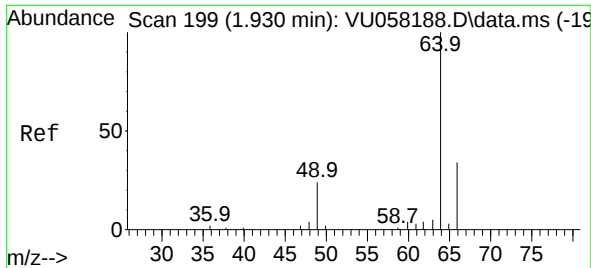
Tgt Ion: 94 Resp: 12646

Ion Ratio Lower Upper

94 100

96 95.5 64.8 120.4

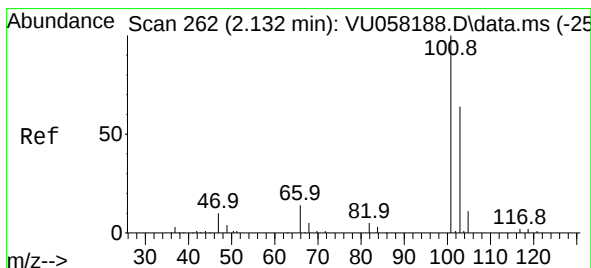
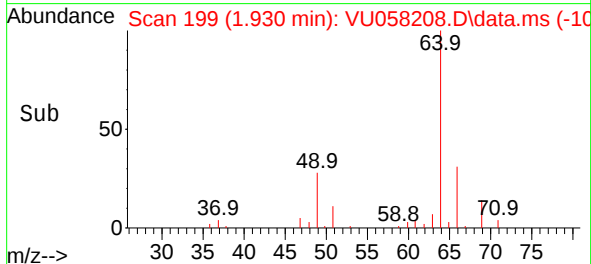
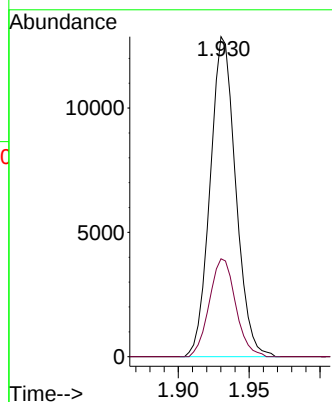
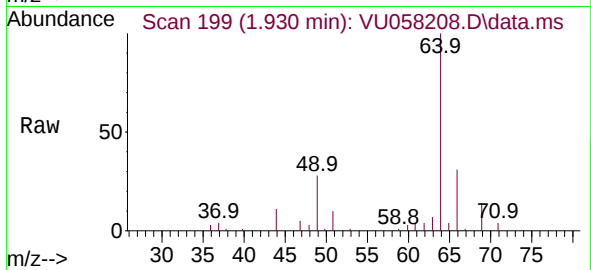




#8
Chloroethane
Concen: 5.011 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

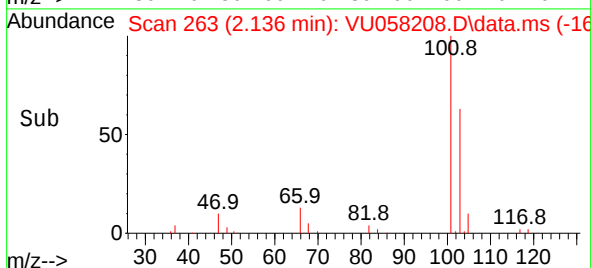
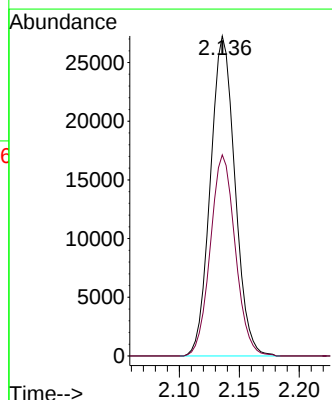
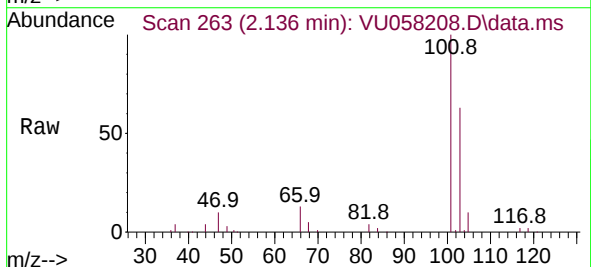
Instrument :
MSVOA_U
ClientSampleId :

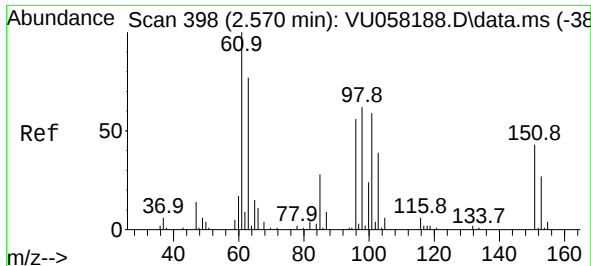
Tgt Ion: 64 Resp: 16173
Ion Ratio Lower Upper
64 100
66 30.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.877 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:101 Resp: 38794
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5





#10

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

Concen: 4.790 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.007 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

ClientSampleId :

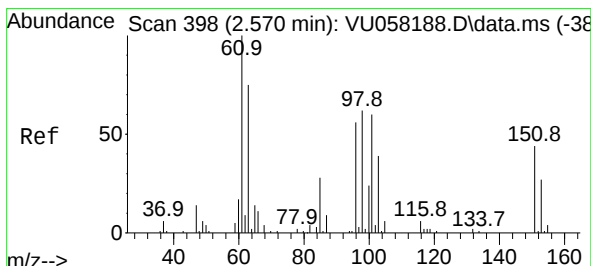
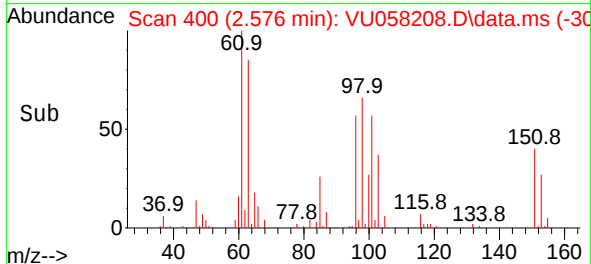
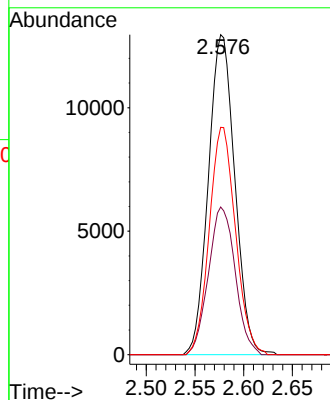
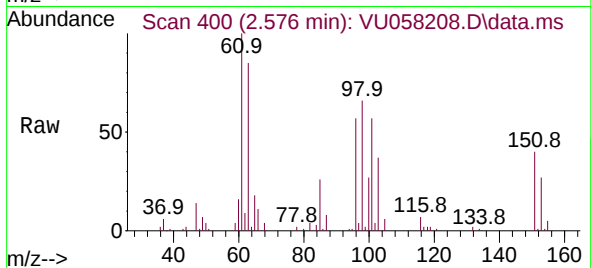
Tgt Ion:101 Resp: 24454

Ion Ratio Lower Upper

101 100

85 46.7 37.9 56.9

151 70.5 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.808 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.007 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

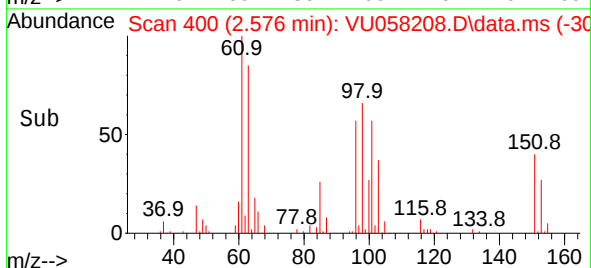
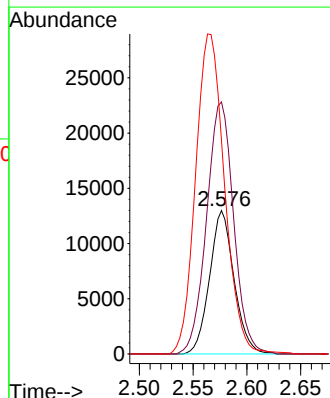
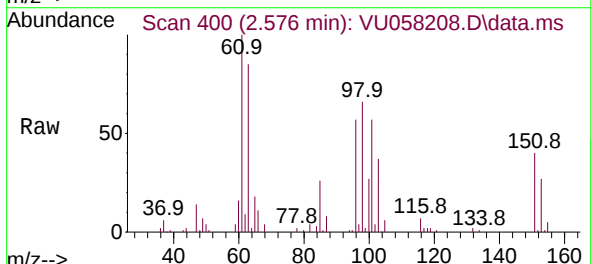
Tgt Ion: 96 Resp: 20579

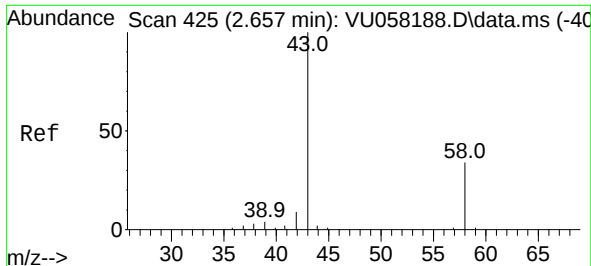
Ion Ratio Lower Upper

96 100

61 175.8 128.1 237.9

63 149.3 116.8 217.0





#13

Acetone

Concen: 44.708 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

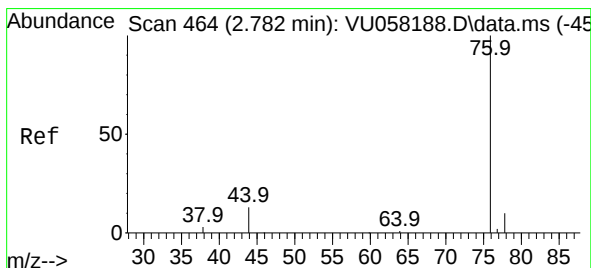
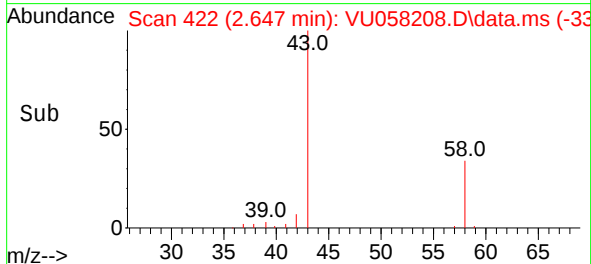
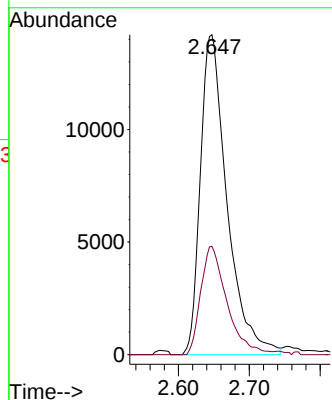
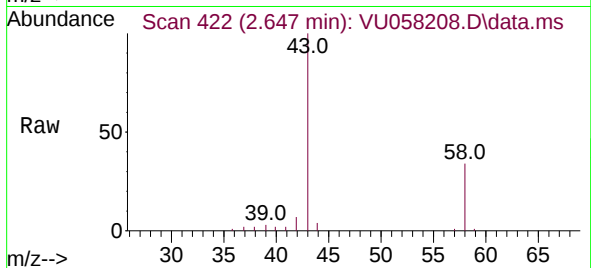
ClientSampleId :

Tgt Ion: 43 Resp: 37086

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.6



#14

Carbon disulfide

Concen: 4.771 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.007 min

Lab File: VU058208.D

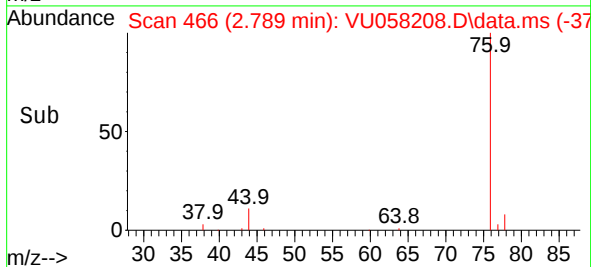
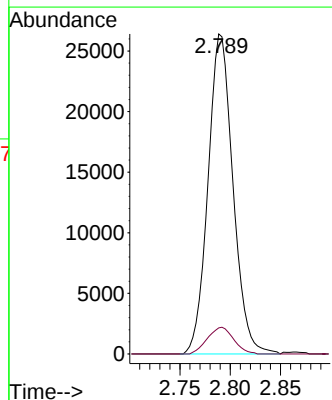
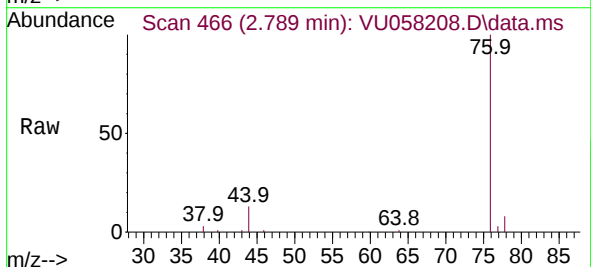
Acq: 22 Mar 2024 21:53

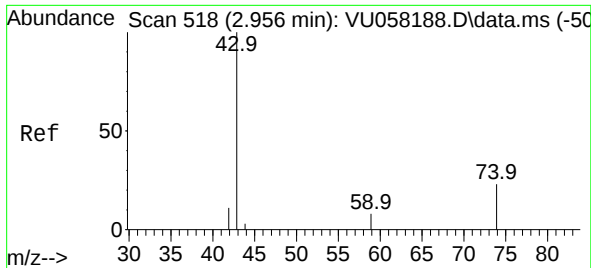
Tgt Ion: 76 Resp: 45628

Ion Ratio Lower Upper

76 100

78 8.1 7.2 10.8





#15

Methyl Acetate

Concen: 4.984 ug/L

RT: 2.953 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

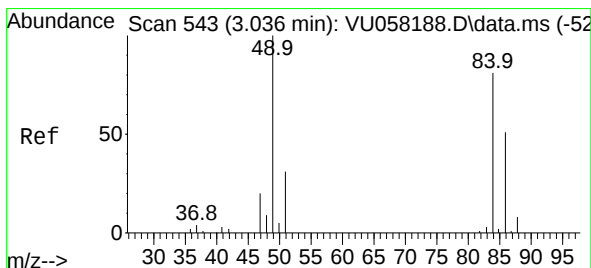
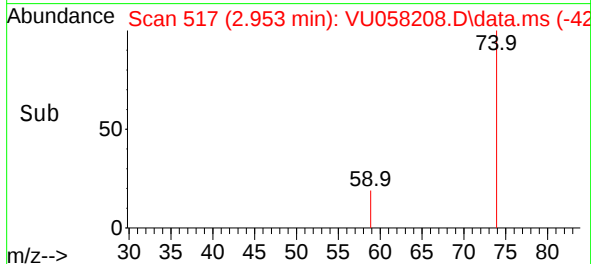
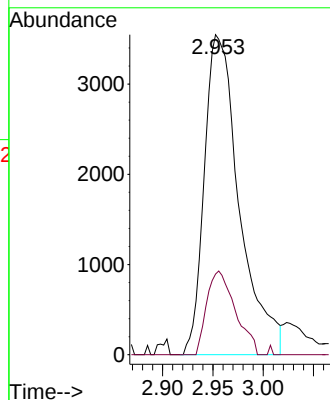
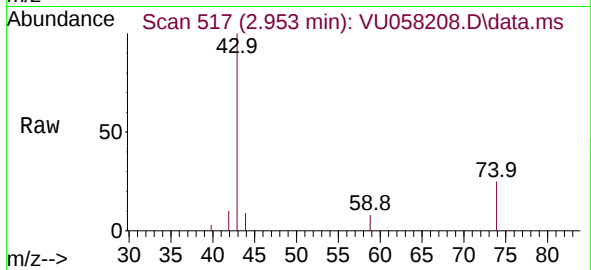
ClientSampleId :

Tgt Ion: 43 Resp: 8582

Ion Ratio Lower Upper

43 100

74 21.3 16.8 25.2



#16

Methylene chloride

Concen: 4.387 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

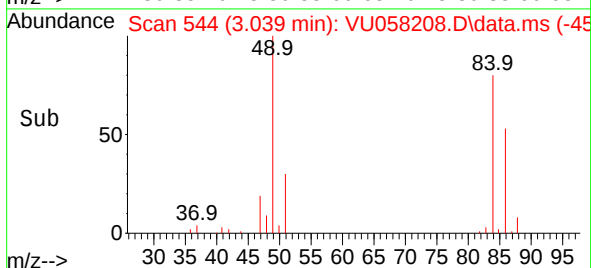
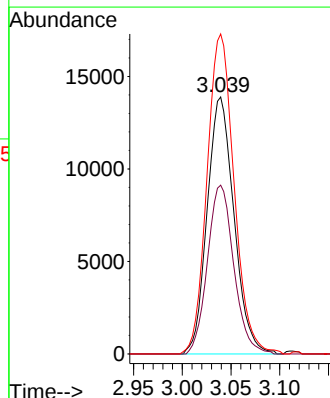
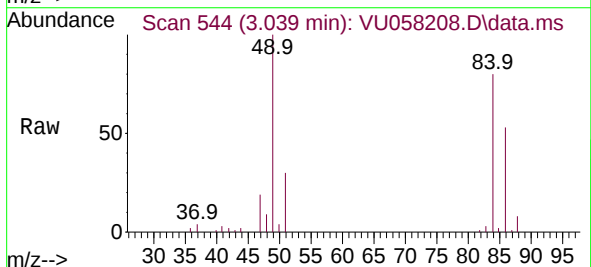
Tgt Ion: 84 Resp: 26605

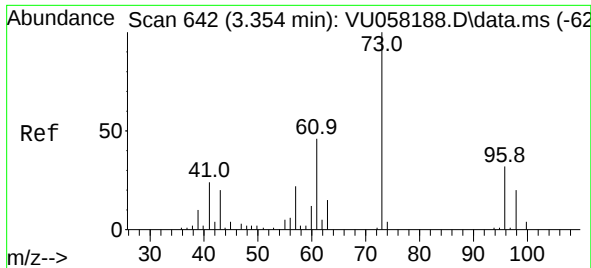
Ion Ratio Lower Upper

84 100

86 65.7 45.6 84.6

49 124.5 88.3 163.9

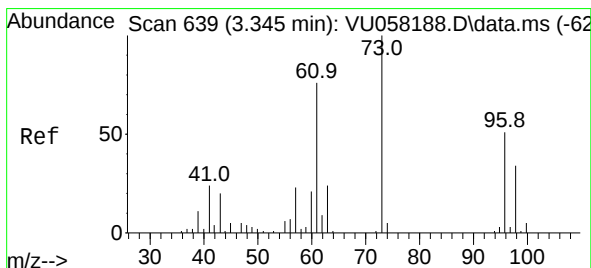
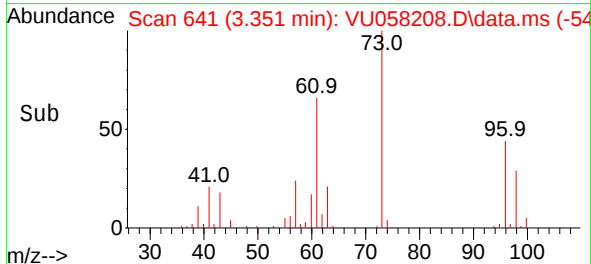
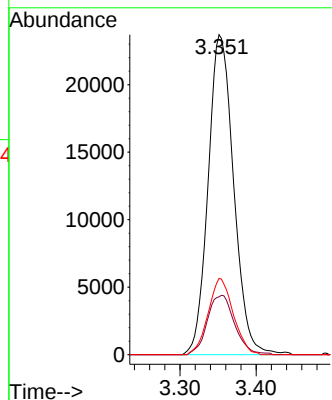
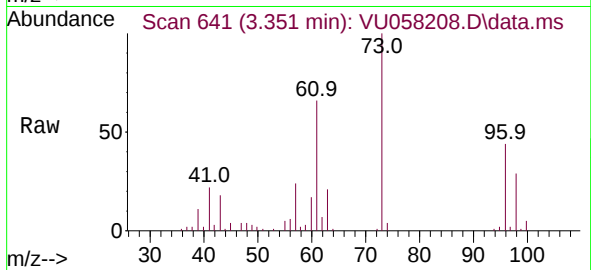




#17
Methyl tert-butyl Ether
Concen: 4.808 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

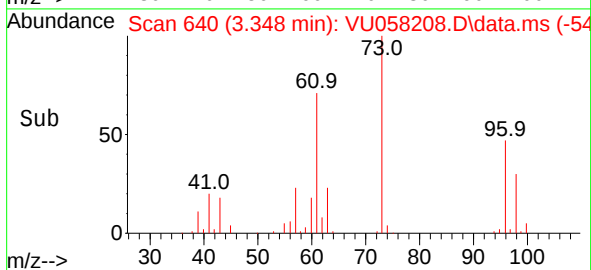
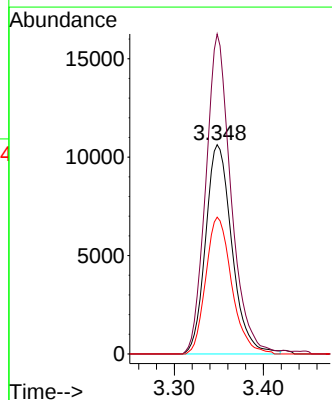
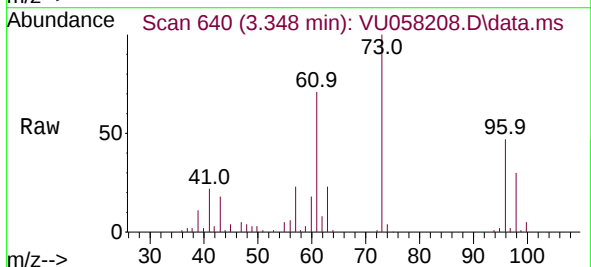
Instrument :
MSVOA_U
ClientSampleId :

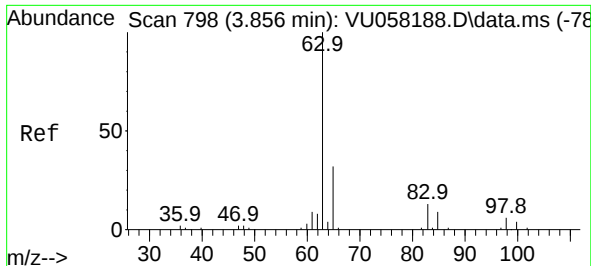
Tgt Ion: 73 Resp: 55232
Ion Ratio Lower Upper
73 100
43 19.9 15.5 23.3
57 23.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.886 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion: 96 Resp: 21854
Ion Ratio Lower Upper
96 100
61 152.9 102.5 190.3
98 65.3 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.054 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.007 min

Lab File: VU058208.D

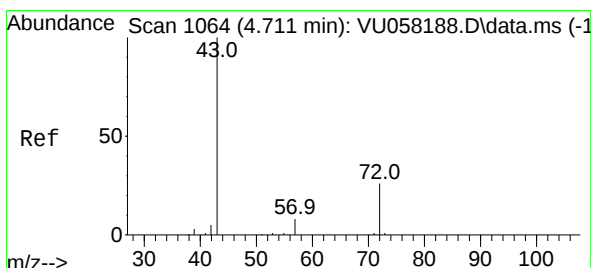
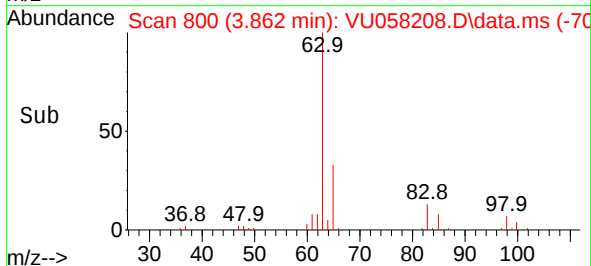
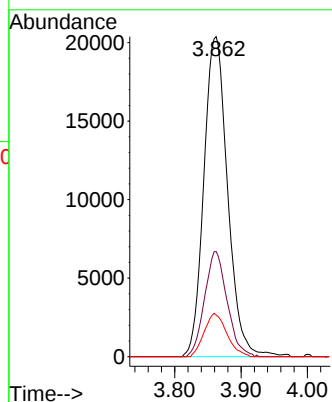
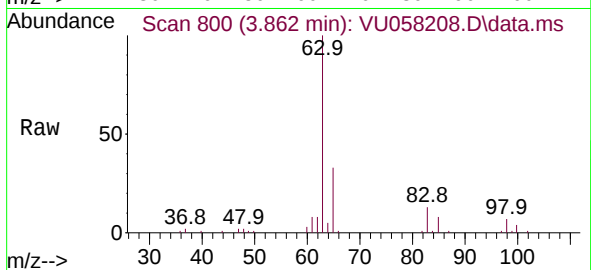
Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	50795
Ion Ratio	Lower	Upper	
63	100		
65	32.9	22.3	41.5
83	13.0	10.0	18.6



#21

2-Butanone

Concen: 45.541 ug/L

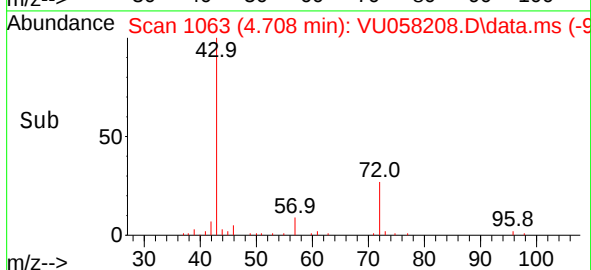
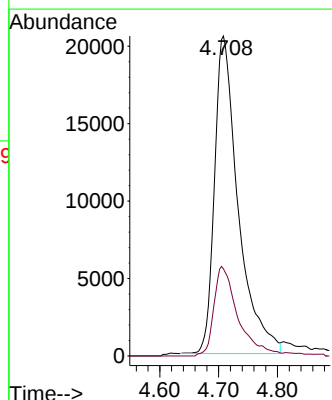
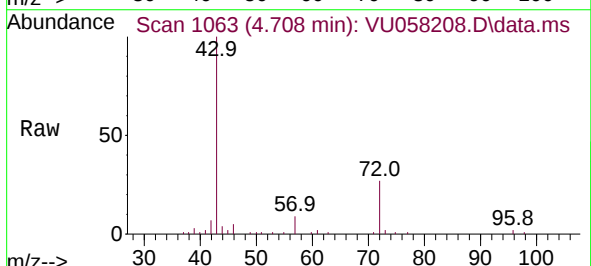
RT: 4.708 min Scan# 1063

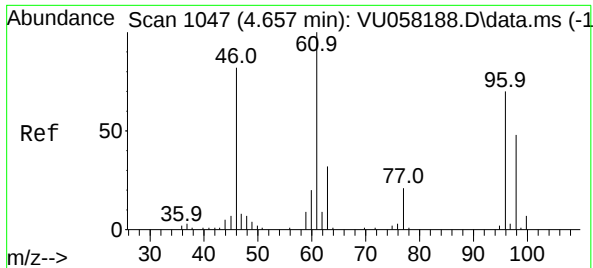
Delta R.T. -0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Tgt Ion:	43	Resp:	57393
Ion Ratio	Lower	Upper	
43	100		
72	28.6	14.0	41.9

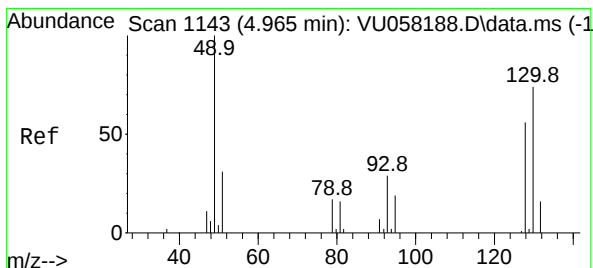
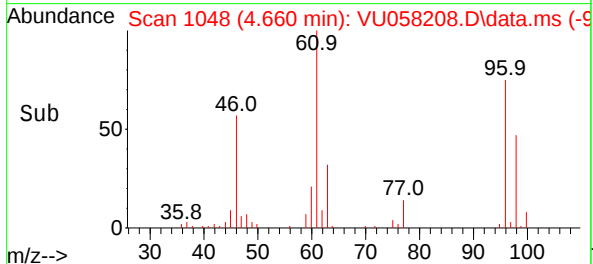
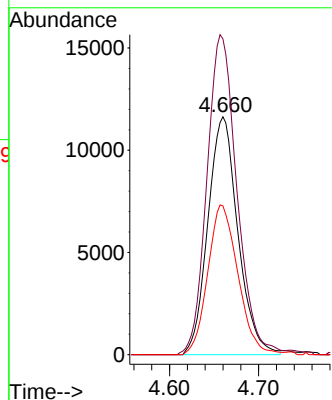
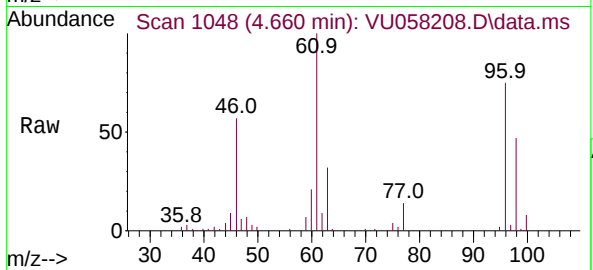




#22
cis-1,2-Dichloroethene
Concen: 4.931 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

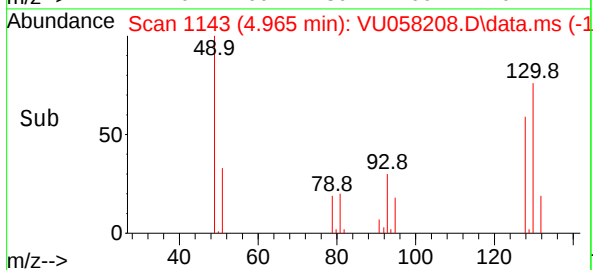
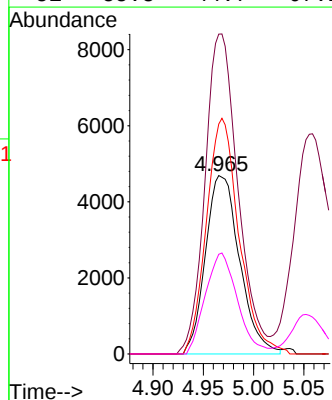
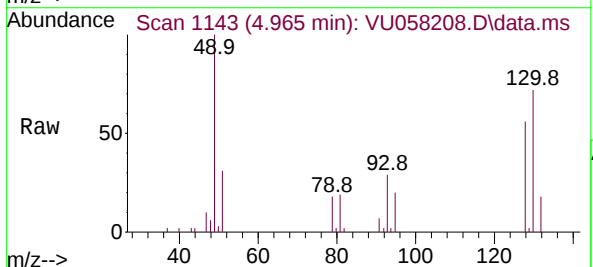
Instrument :
MSVOA_U
ClientSampleId :

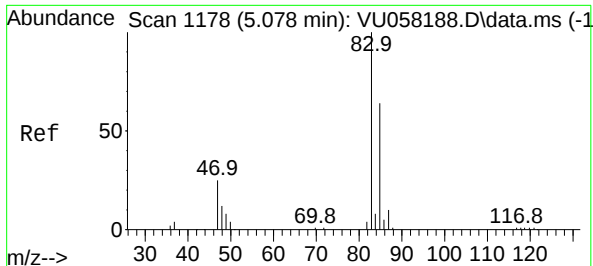
Tgt Ion: 96 Resp: 27255
Ion Ratio Lower Upper
96 100
61 132.7 92.8 172.4
98 62.5 43.2 80.2



#23
Bromochloromethane
Concen: 5.359 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:128 Resp: 11053
Ion Ratio Lower Upper
128 100
49 179.3 125.0 232.2
130 128.8 92.3 171.5
51 55.8 44.7 67.1

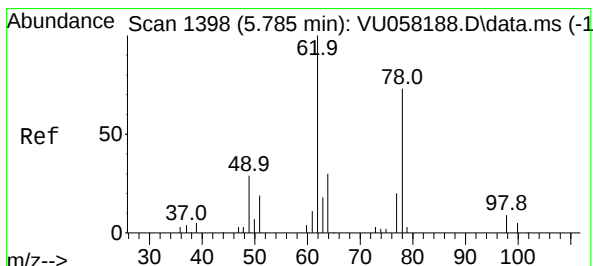
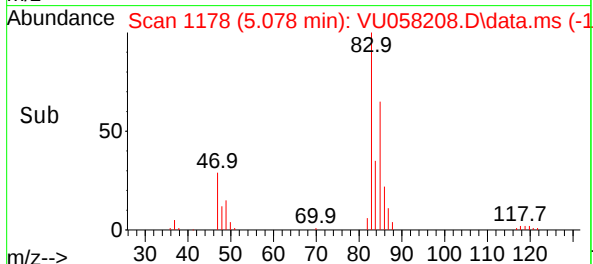
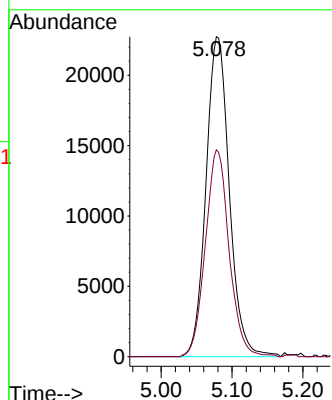
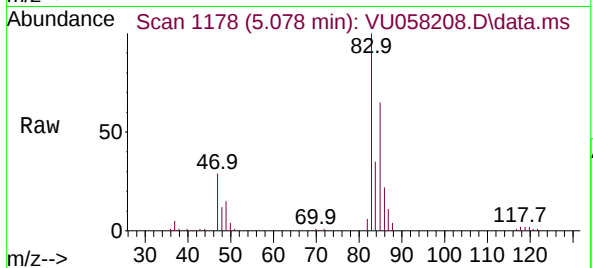




#25
Chloroform
Concen: 4.940 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

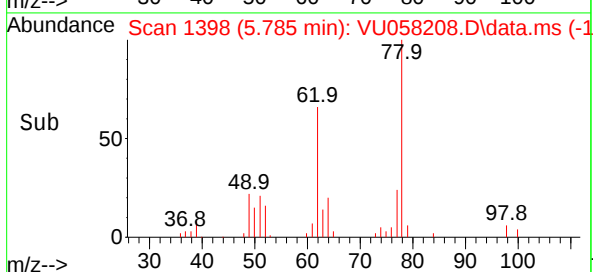
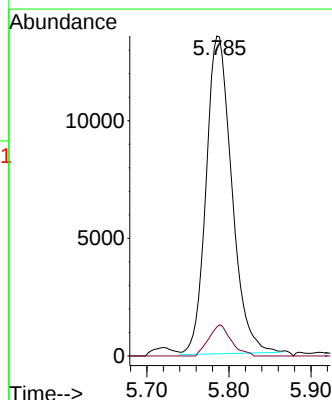
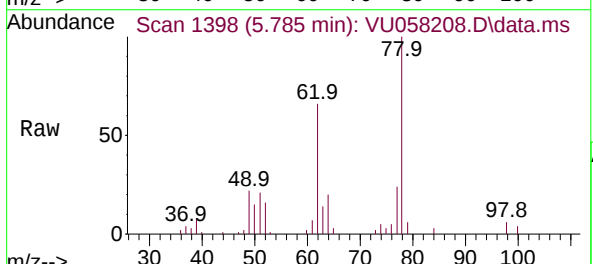
Instrument :
MSVOA_U
ClientSampleId :

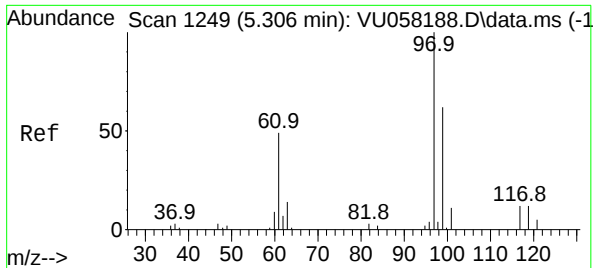
Tgt Ion: 83 Resp: 52060
Ion Ratio Lower Upper
83 100
85 64.7 47.9 88.9



#27
1,2-Dichloroethane
Concen: 4.920 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion: 62 Resp: 29438
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0

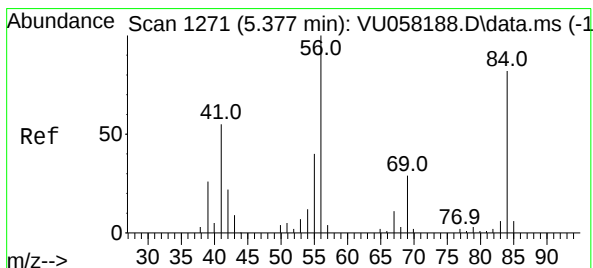
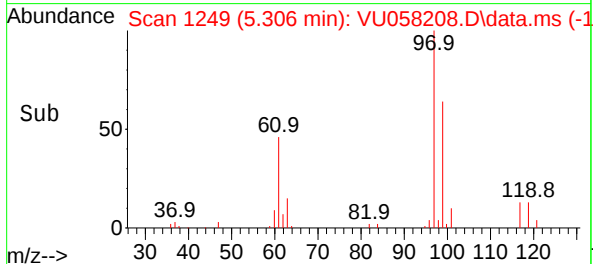
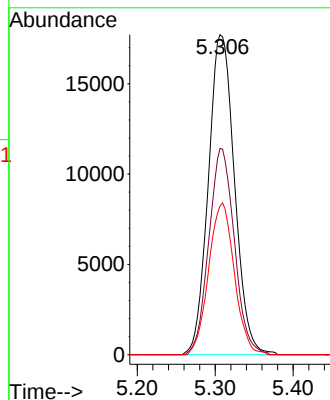
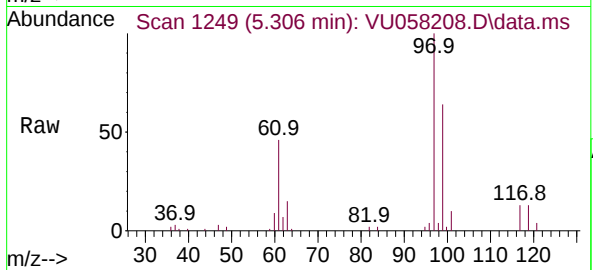




#29
1,1,1-Trichloroethane
Concen: 4.858 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

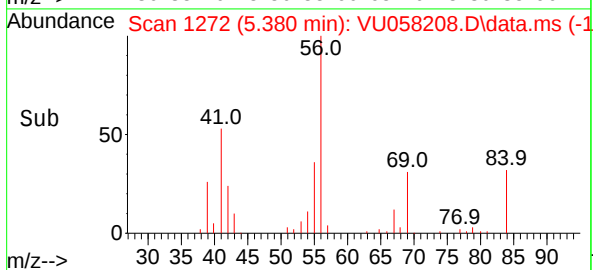
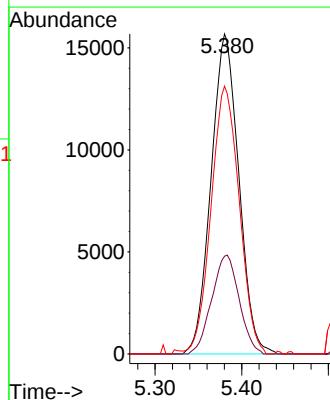
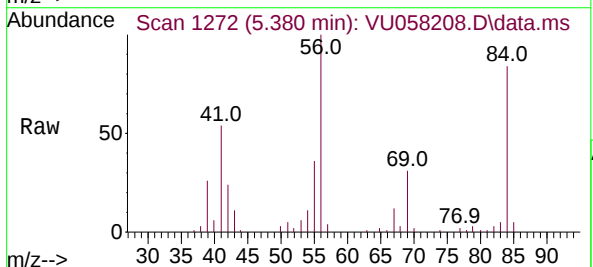
Instrument :
MSVOA_U
ClientSampleId :

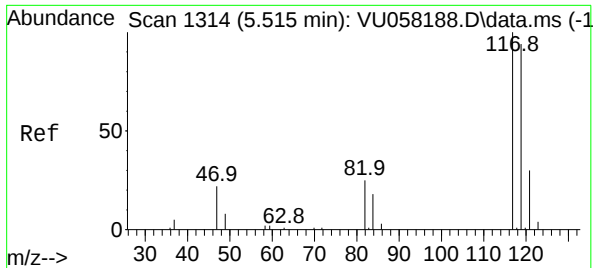
Tgt Ion:	97	Resp:	41371
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.5	75.7
61	46.5	36.3	54.5



#30
Cyclohexane
Concen: 4.687 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:	56	Resp:	34866
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.2
84	84.9	69.7	104.5

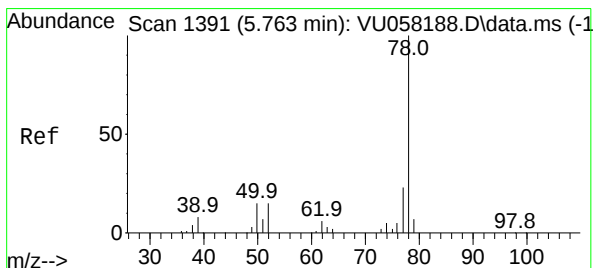
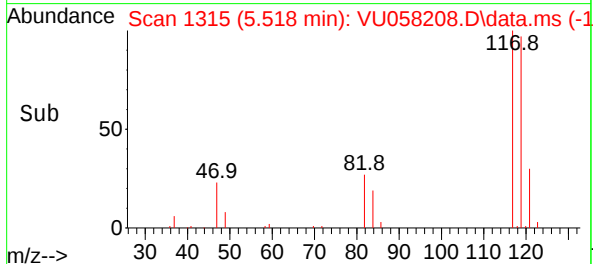
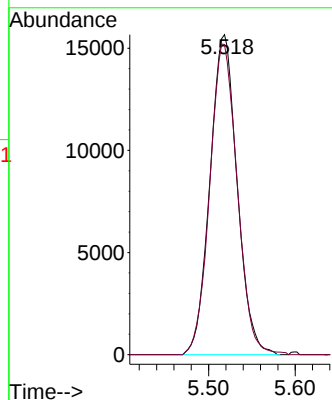
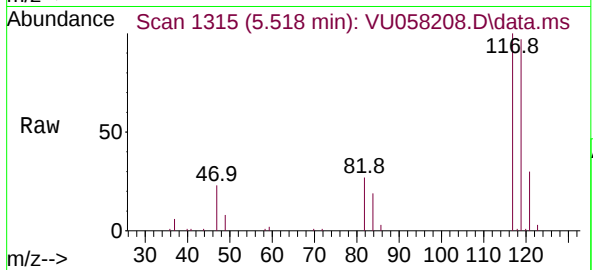




#31
Carbon tetrachloride
Concen: 4.707 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

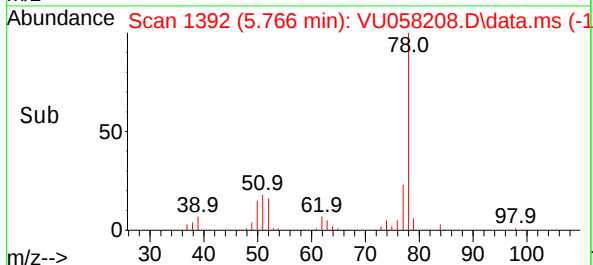
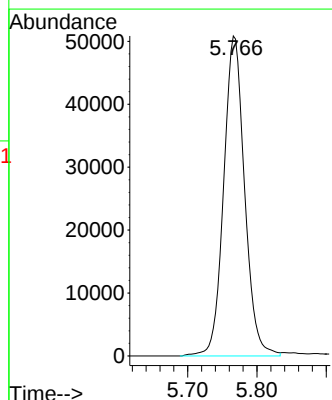
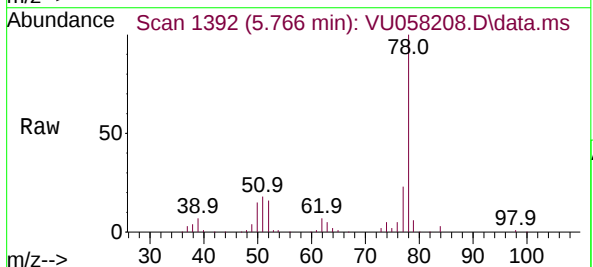
Instrument :
MSVOA_U
ClientSampleId :

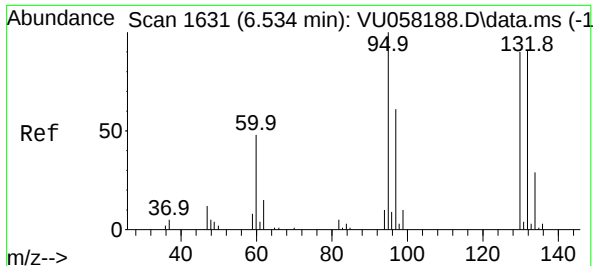
Tgt Ion:117 Resp: 34125
Ion Ratio Lower Upper
117 100
119 98.2 78.1 117.1



#33
Benzene
Concen: 4.944 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion: 78 Resp: 106952





#34

Trichloroethene

Concen: 5.069 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 28569

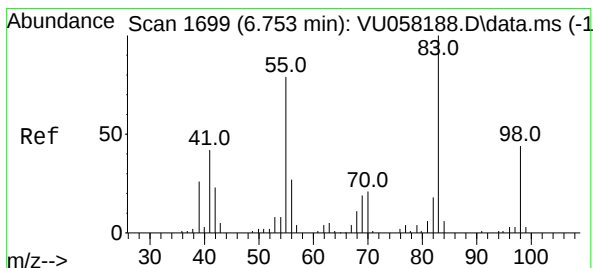
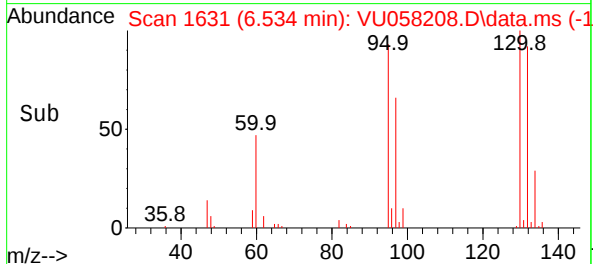
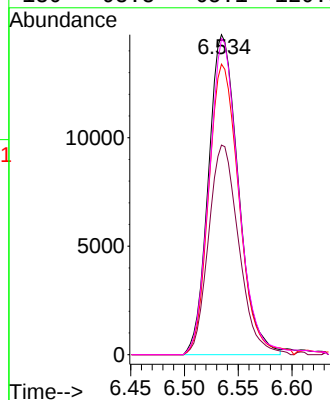
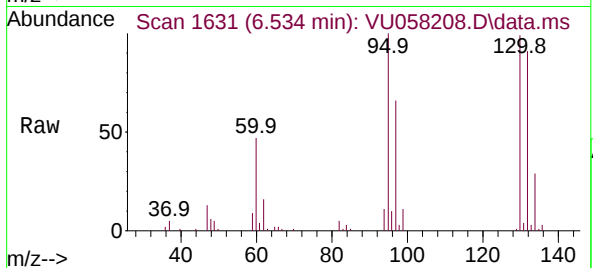
Ion Ratio Lower Upper

95 100

97 65.5 47.7 88.7

132 90.8 63.6 118.2

130 98.8 65.1 120.9



#35

Methylcyclohexane

Concen: 4.596 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

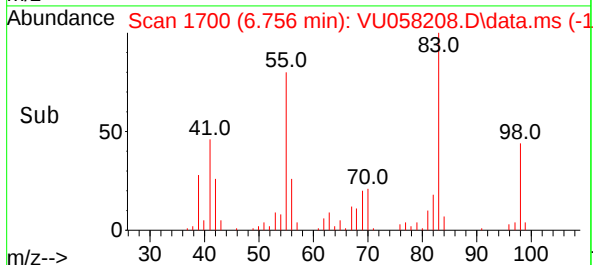
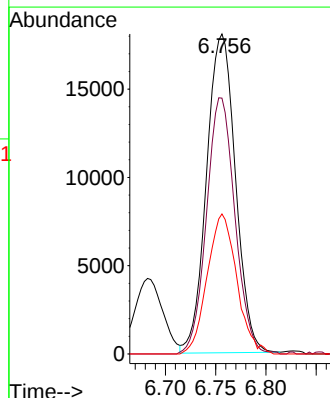
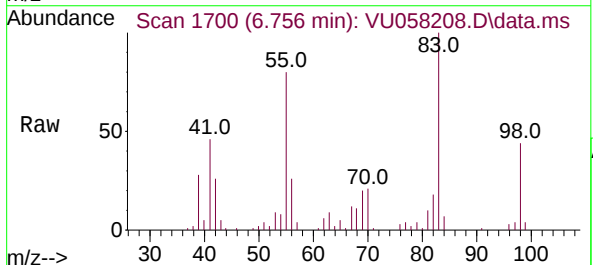
Tgt Ion: 83 Resp: 36126

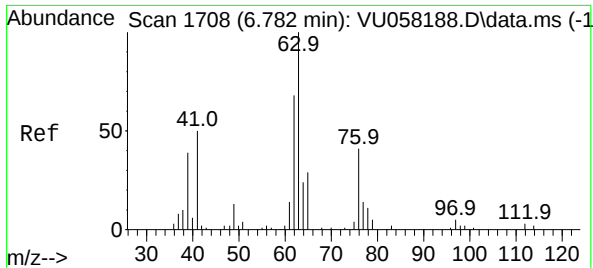
Ion Ratio Lower Upper

83 100

55 79.1 62.7 94.1

98 44.8 37.3 55.9

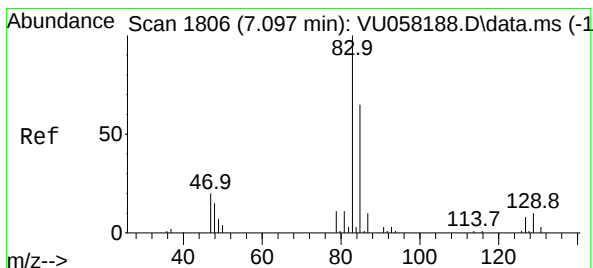
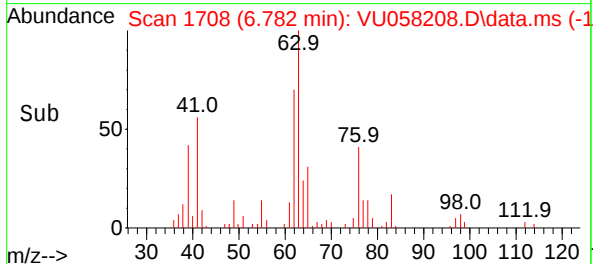
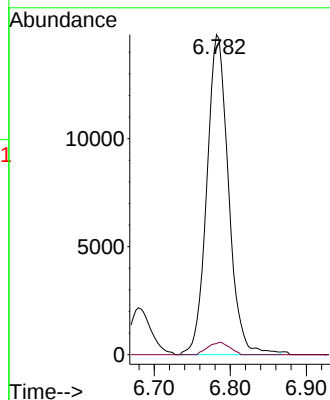
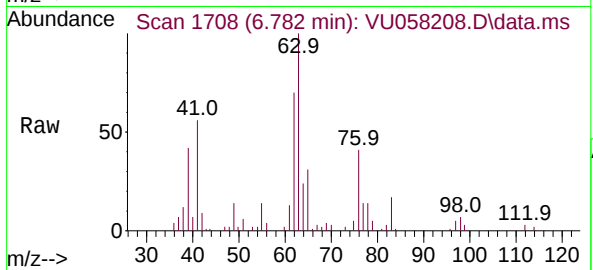




#37
1,2-Dichloropropane
Concen: 4.858 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

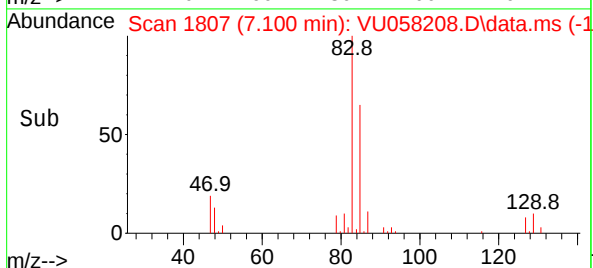
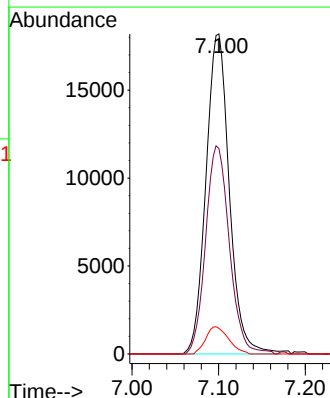
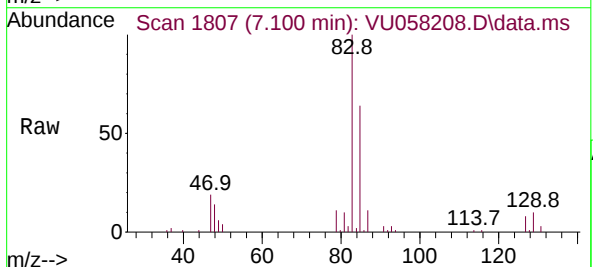
Instrument :
MSVOA_U
ClientSampleId :

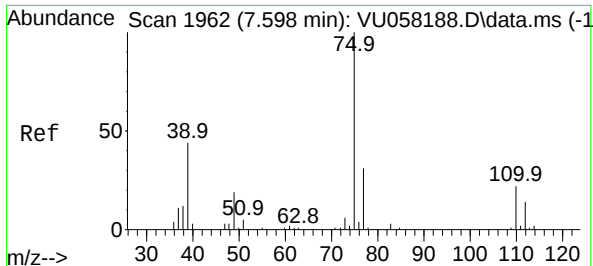
Tgt Ion: 63 Resp: 29356
Ion Ratio Lower Upper
63 100
112 3.8 2.7 4.1



#38
Bromodichloromethane
Concen: 4.926 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion: 83 Resp: 34120
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.8
127 8.0 7.1 10.7

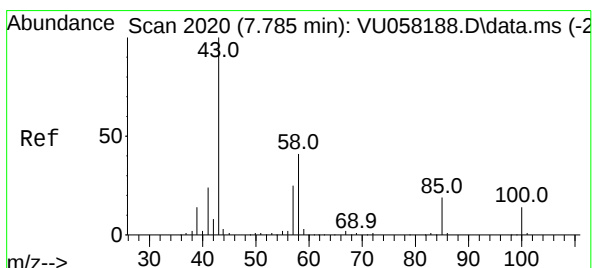
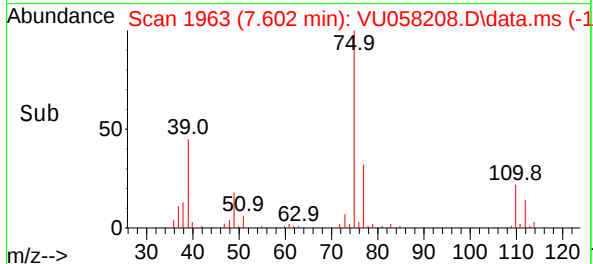
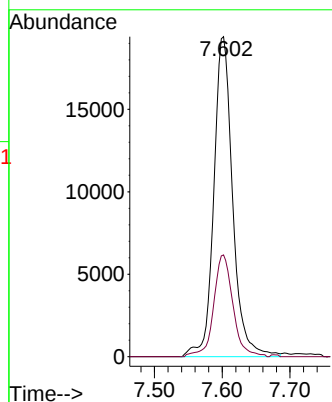
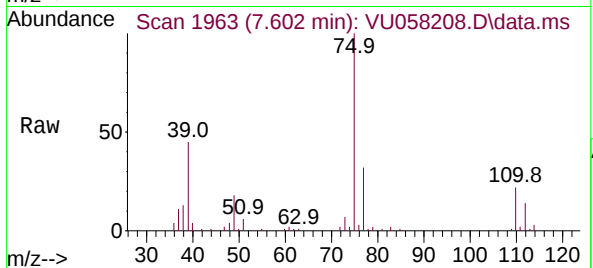




#39
 cis-1,3-Dichloropropene
 Concen: 4.902 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058208.D
 Acq: 22 Mar 2024 21:53

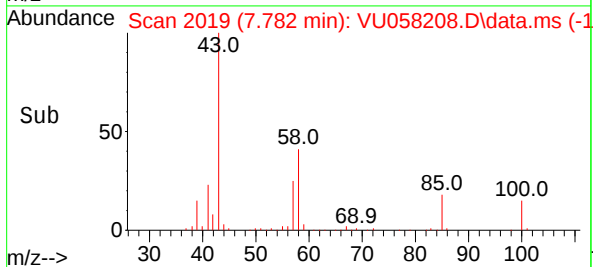
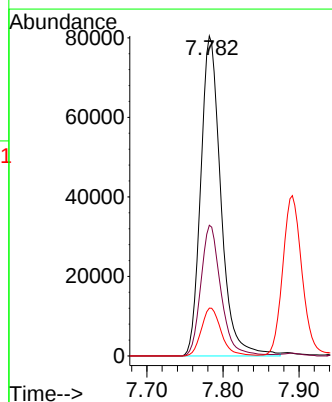
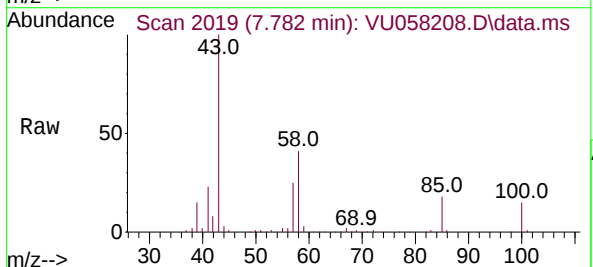
Instrument :
 MSVOA_U
 ClientSampleId :

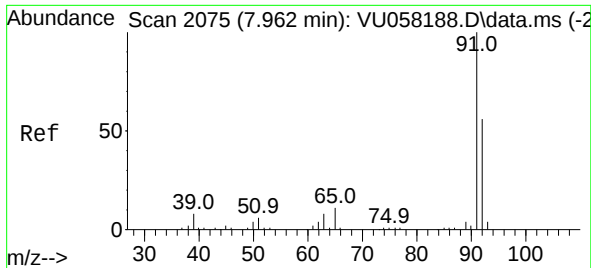
Tgt Ion: 75 Resp: 37567
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 48.492 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058208.D
 Acq: 22 Mar 2024 21:53

Tgt Ion: 43 Resp: 148175
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.2 49.8
 100 14.8 11.5 17.3





#42

Toluene

Concen: 4.987 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

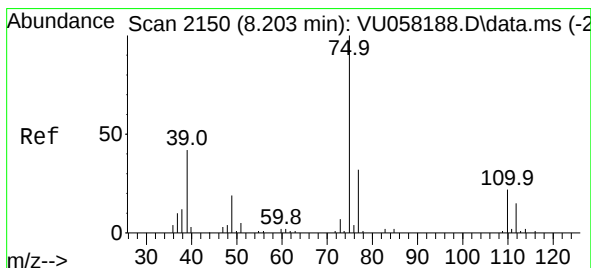
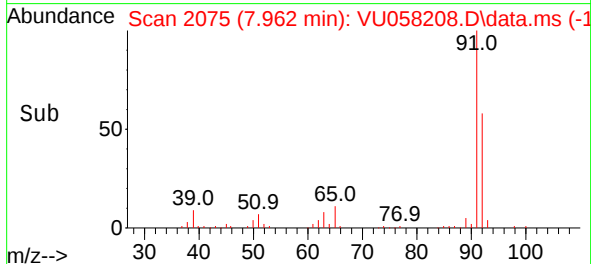
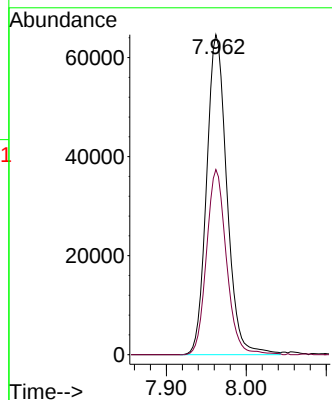
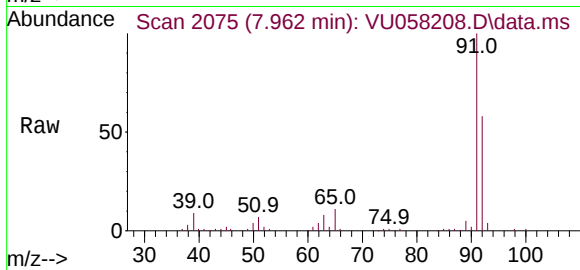
ClientSampleId :

Tgt Ion: 91 Resp: 113978

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.065 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058208.D

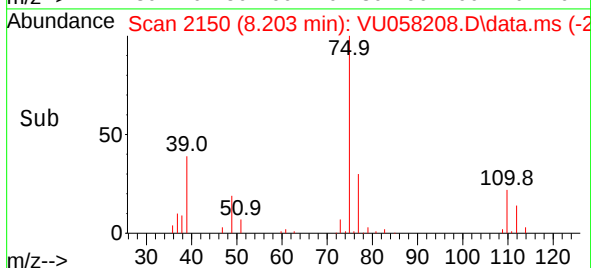
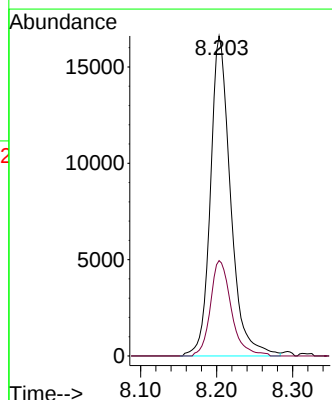
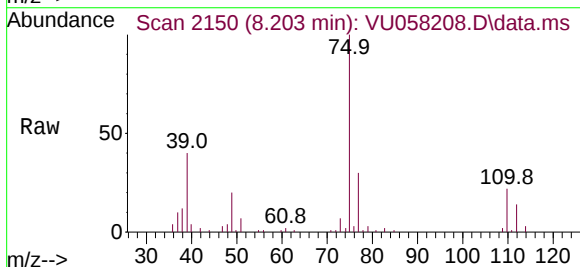
Acq: 22 Mar 2024 21:53

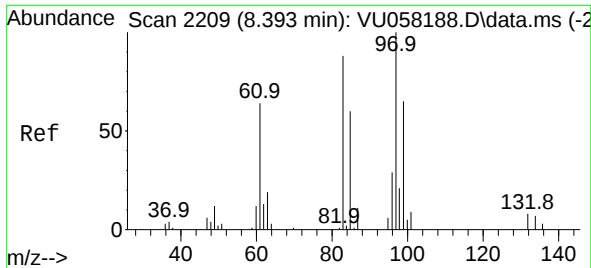
Tgt Ion: 75 Resp: 30546

Ion Ratio Lower Upper

75 100

77 29.8 21.7 40.3

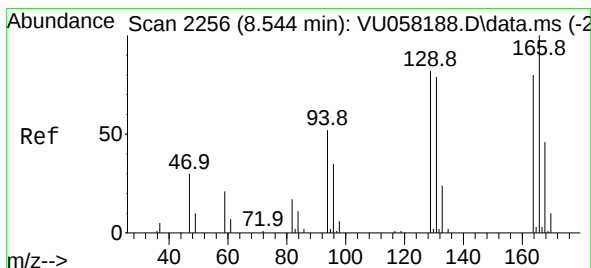
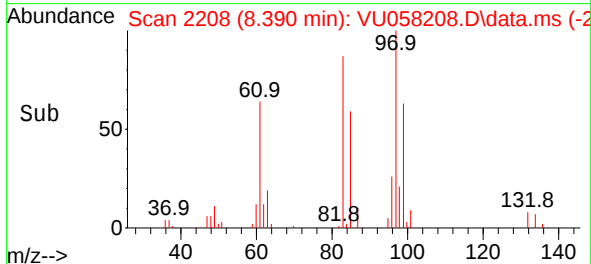
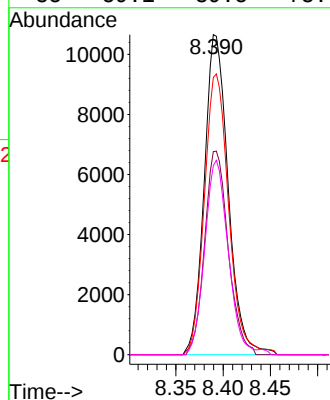
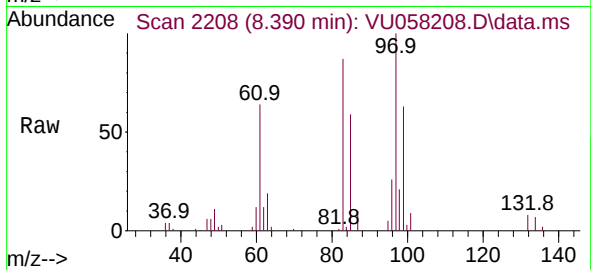




#45
1,1,2-Trichloroethane
Concen: 4.937 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

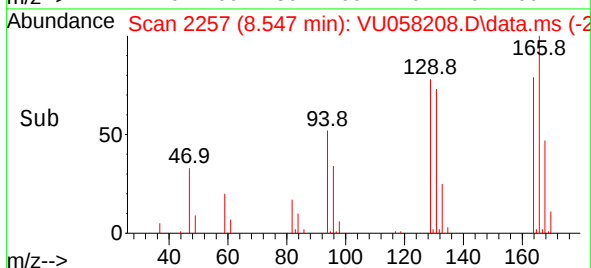
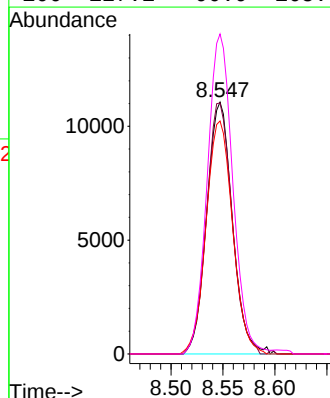
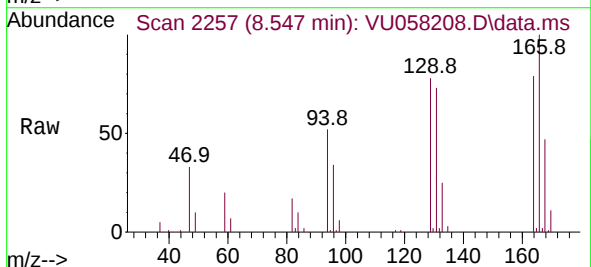
Instrument :
MSVOA_U
ClientSampleId :

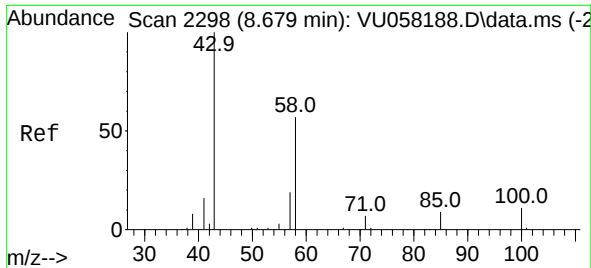
Tgt Ion: 97	Resp: 18791
Ion Ratio	Lower Upper
97 100	
99 63.4	44.5 82.7
83 86.6	64.1 119.1
85 59.1	39.5 73.4



#47
Tetrachloroethene
Concen: 5.016 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt	Ion:164	Resp:	18936
Ion	Ratio	Lower	Upper
164	100		
129	99.7	71.3	132.3
131	92.5	70.8	131.4
166	127.1	90.9	168.9



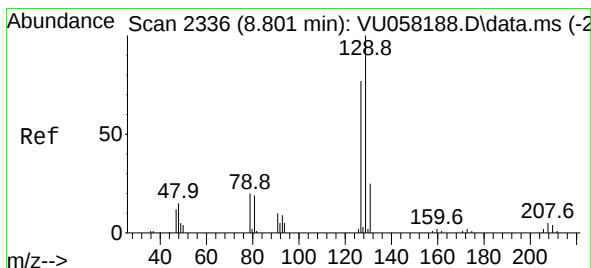
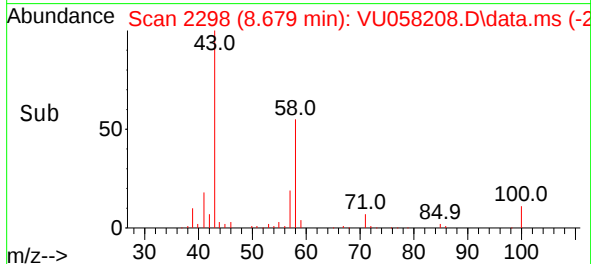
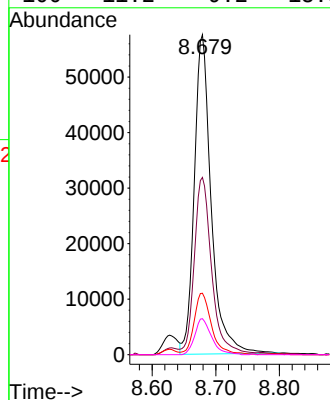
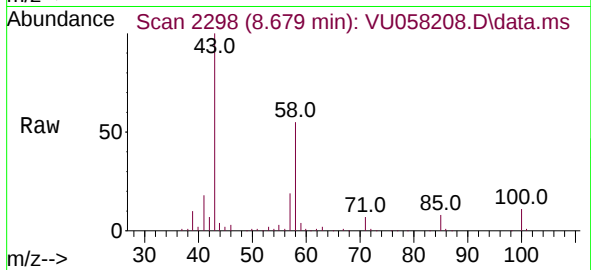


#48
2-Hexanone
Concen: 47.767 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 106295

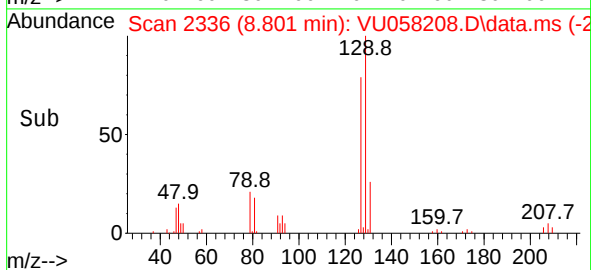
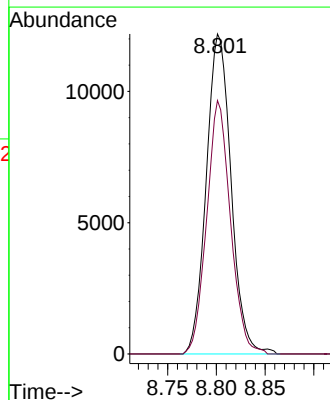
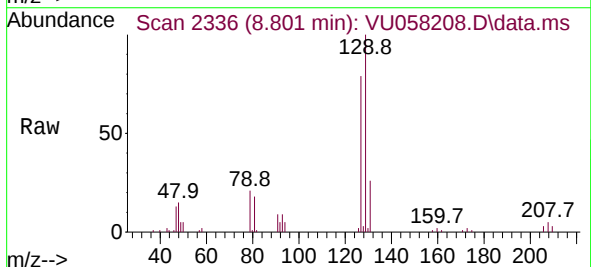
Ion	Ratio	Lower	Upper
43	100		
58	55.7	48.3	72.5
57	19.9	16.3	24.5
100	11.2	9.2	13.8

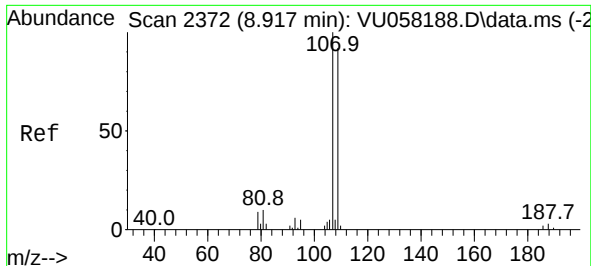


#49
Dibromochloromethane
Concen: 5.179 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion: 129 Resp: 21569

Ion	Ratio	Lower	Upper
129	100		
127	79.2	55.7	103.5

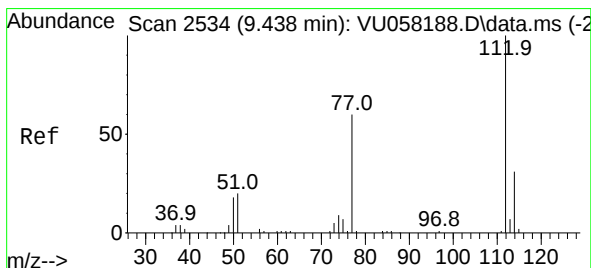
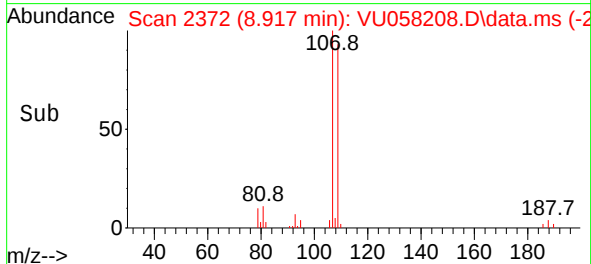
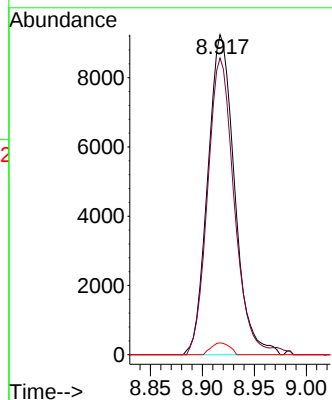
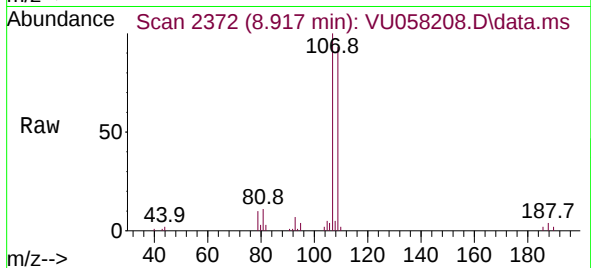




#50
1,2-Dibromoethane
Concen: 5.067 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

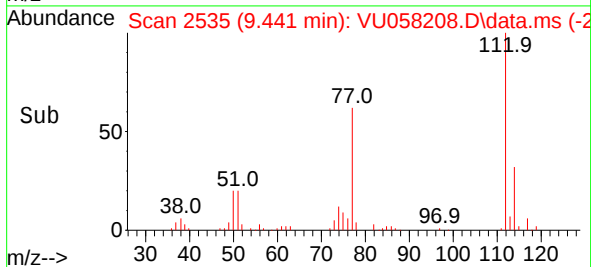
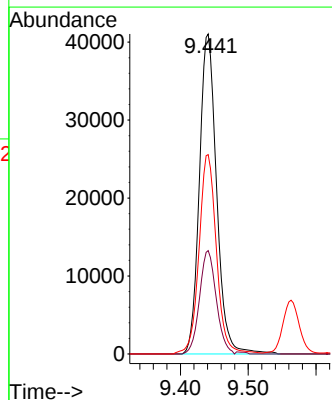
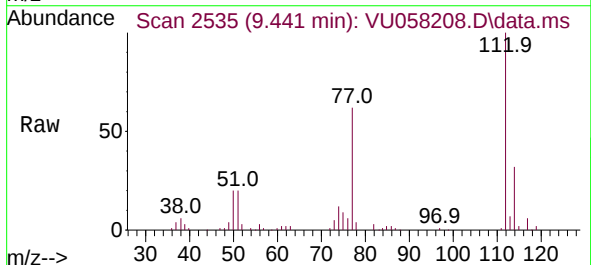
Instrument :
MSVOA_U
ClientSampleId :

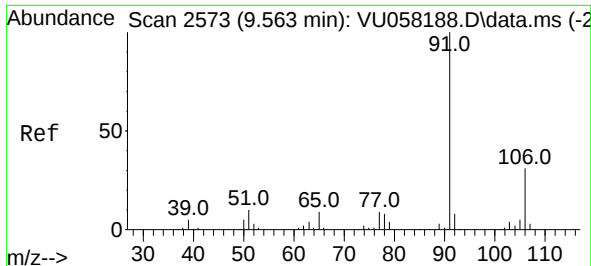
Tgt Ion:107 Resp: 16604
Ion Ratio Lower Upper
107 100
109 92.7 67.8 125.8
188 3.7 2.5 3.7



#51
Chlorobenzene
Concen: 4.919 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:112 Resp: 72446
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 62.3 48.9 73.3

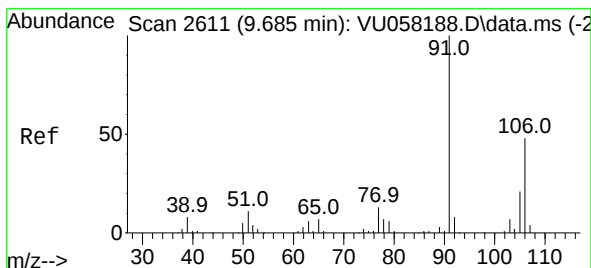
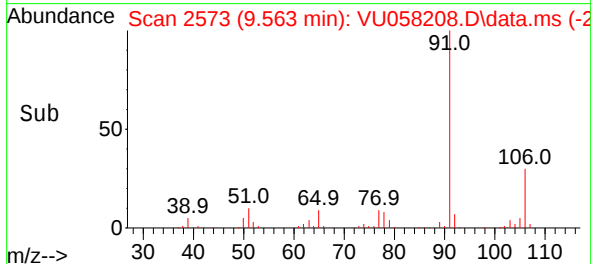
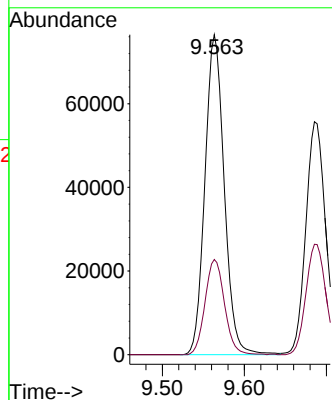
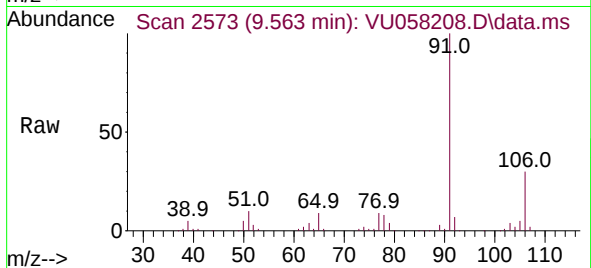




#52
Ethylbenzene
Concen: 4.905 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

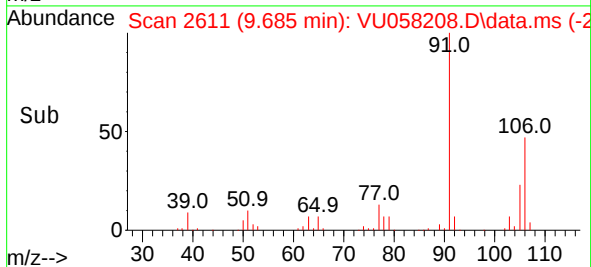
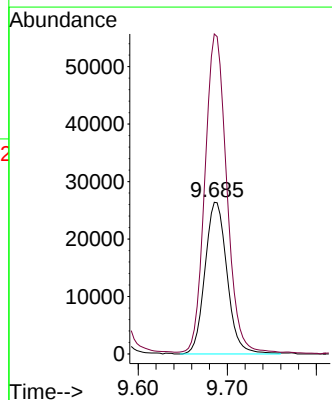
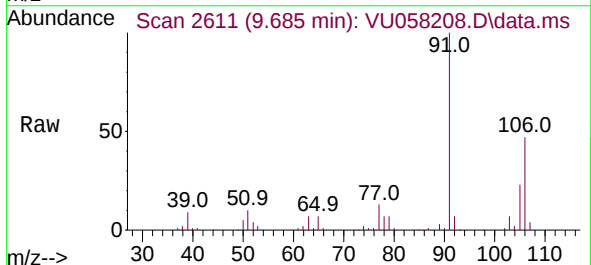
Instrument :
MSVOA_U
ClientSampleId :

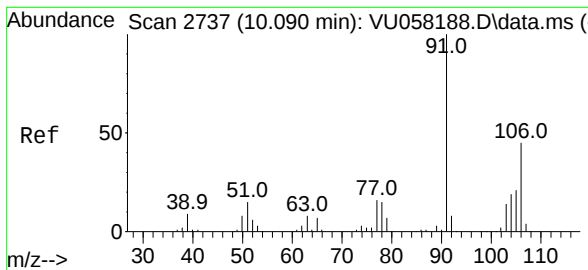
Tgt Ion: 91 Resp: 125182
Ion Ratio Lower Upper
91 100
106 29.7 20.6 38.2



#53
m,p-Xylene
Concen: 4.998 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:106 Resp: 45447
Ion Ratio Lower Upper
106 100
91 210.9 151.0 280.4

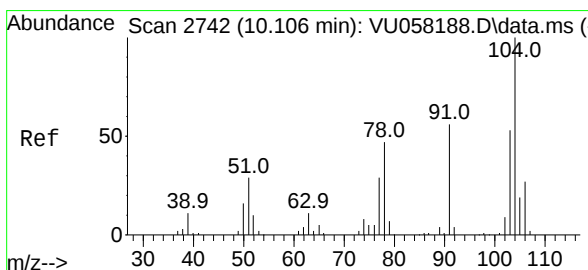
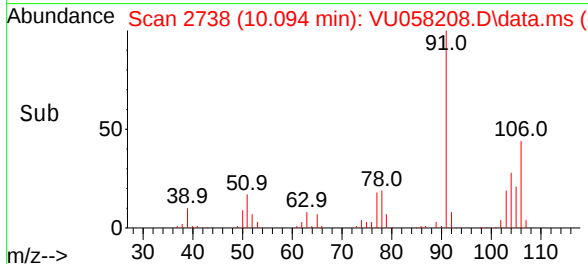
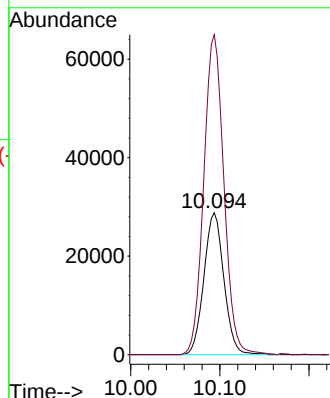
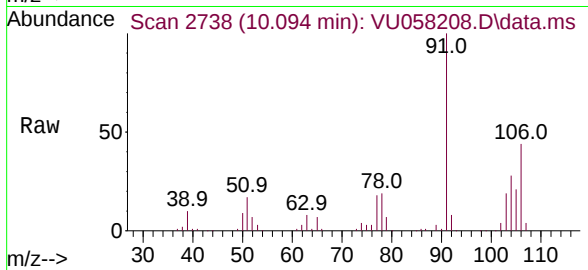




#54
o-Xylene
Concen: 4.893 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

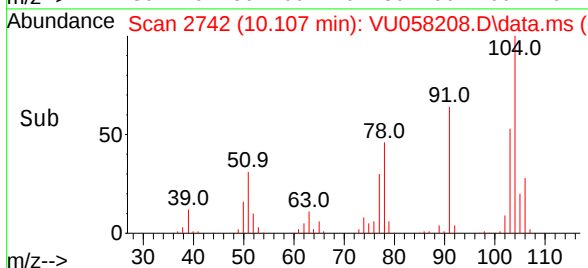
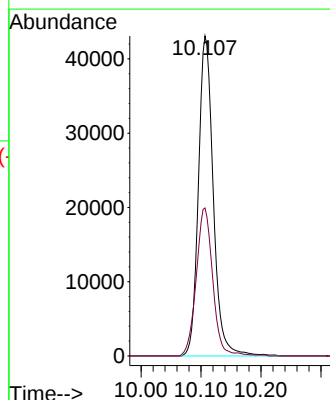
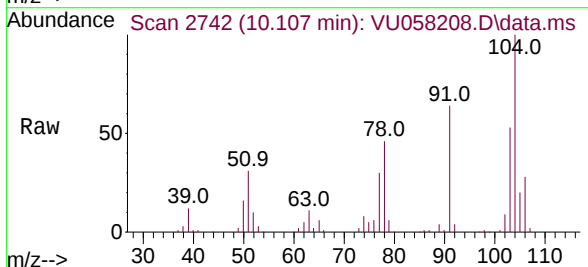
Instrument :
MSVOA_U
ClientSampleId :

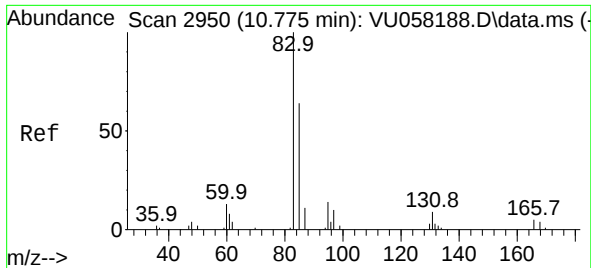
Tgt Ion:106 Resp: 44916
Ion Ratio Lower Upper
106 100
91 225.6 154.3 286.7



#55
Styrene
Concen: 5.139 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:104 Resp: 74490
Ion Ratio Lower Upper
104 100
78 46.2 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.898 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

ClientSampleId :

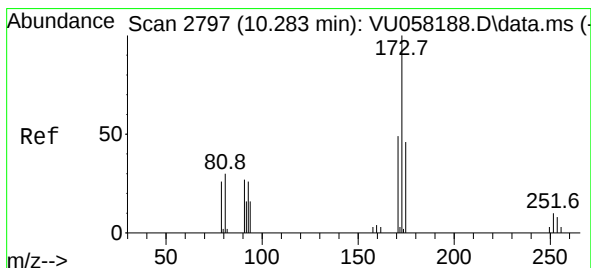
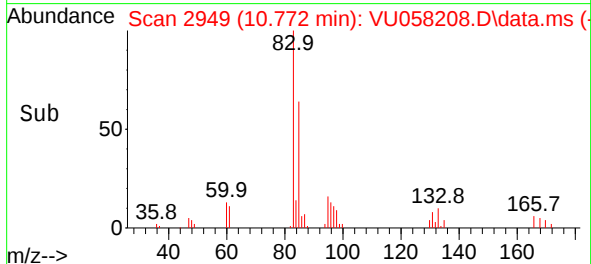
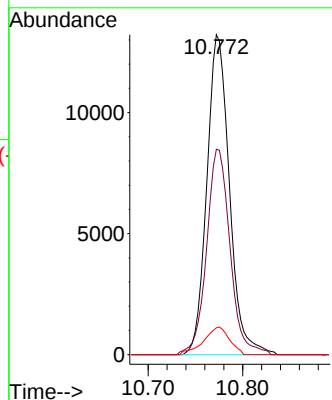
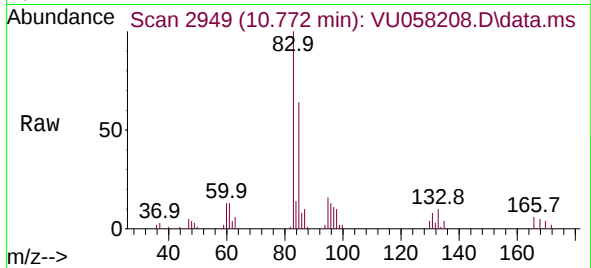
Tgt Ion: 83 Resp: 21974

Ion Ratio Lower Upper

83 100

85 64.2 44.7 82.9

131 8.4 7.0 10.6



#59

Bromoform

Concen: 4.989 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

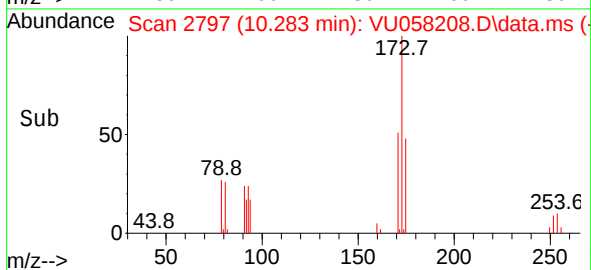
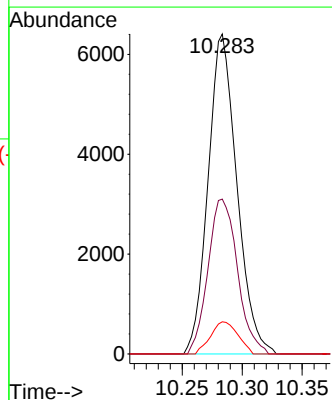
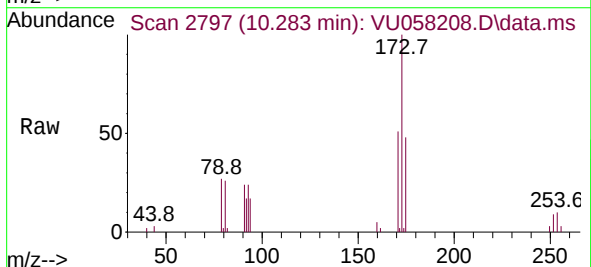
Tgt Ion:173 Resp: 10692

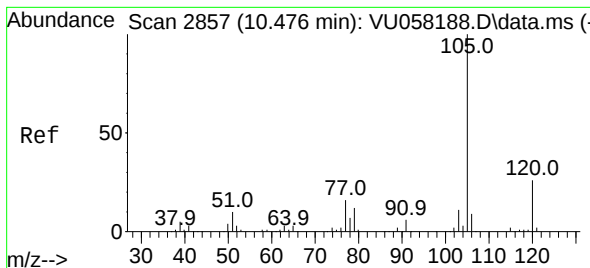
Ion Ratio Lower Upper

173 100

175 49.5 40.9 61.3

254 9.5 5.8 8.8#





#60

Isopropylbenzene

Concen: 4.785 ug/L

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

ClientSampleId :

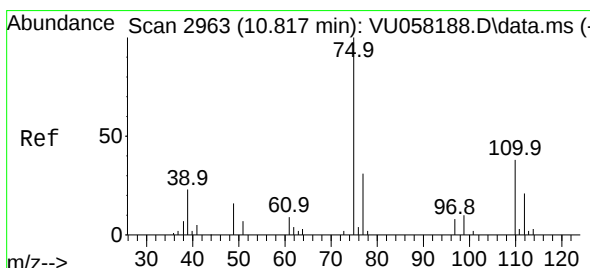
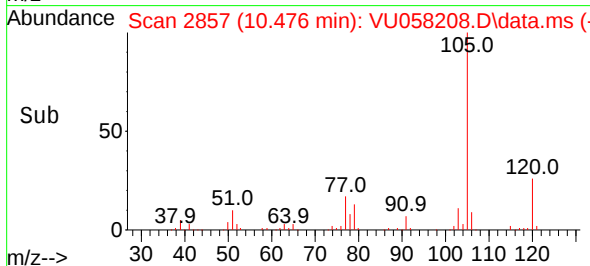
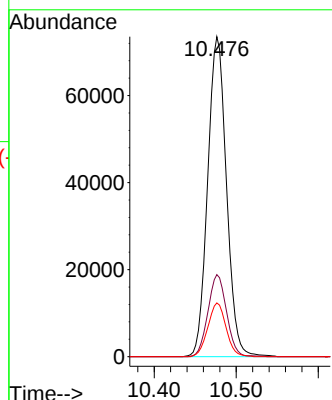
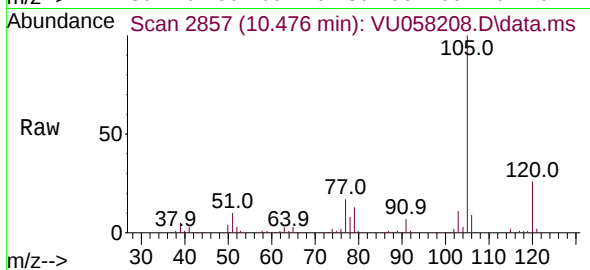
Tgt Ion:105 Resp: 117308

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 16.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.617 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

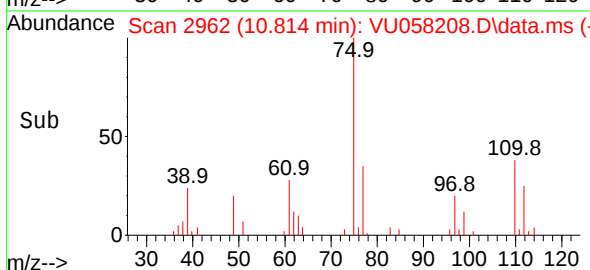
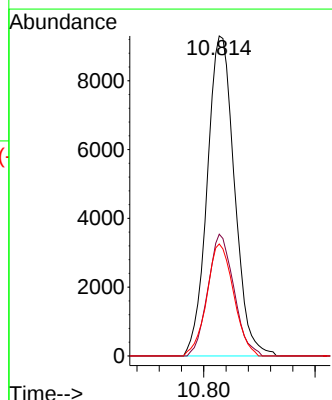
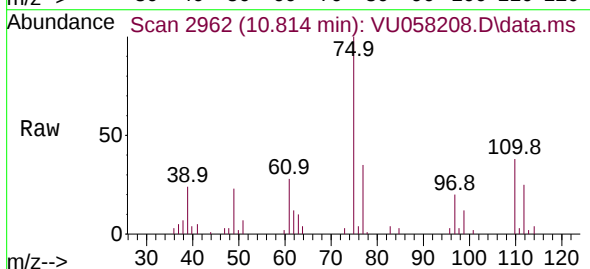
Tgt Ion: 75 Resp: 15776

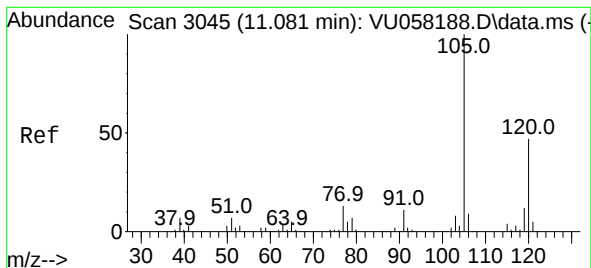
Ion Ratio Lower Upper

75 100

110 36.3 28.1 42.1

77 34.6 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.734 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

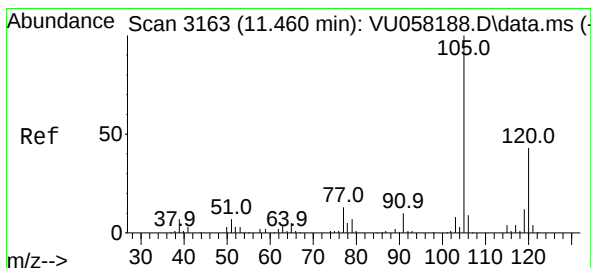
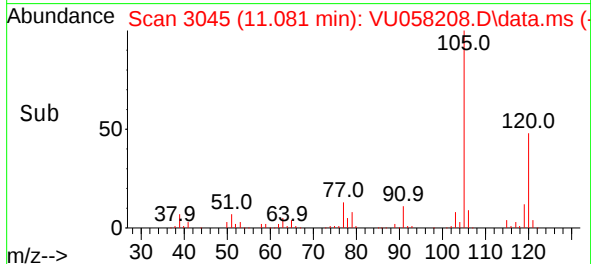
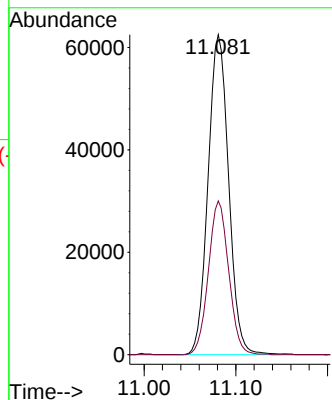
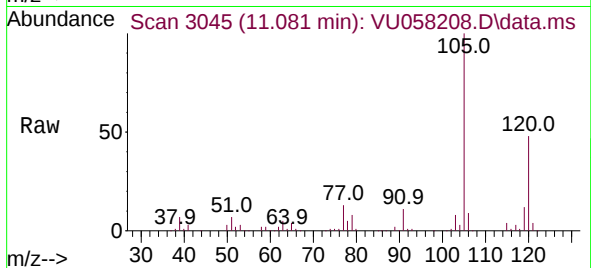
ClientSampleId :

Tgt Ion:105 Resp: 97389

Ion Ratio Lower Upper

105 100

120 47.4 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.754 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU058208.D

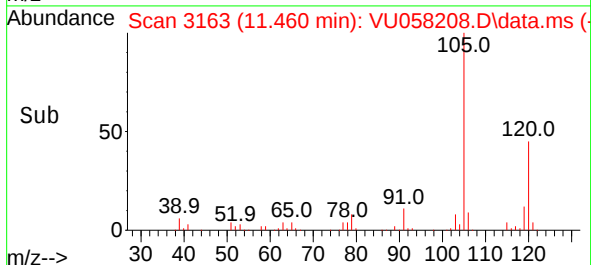
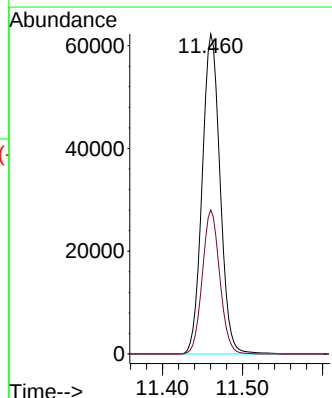
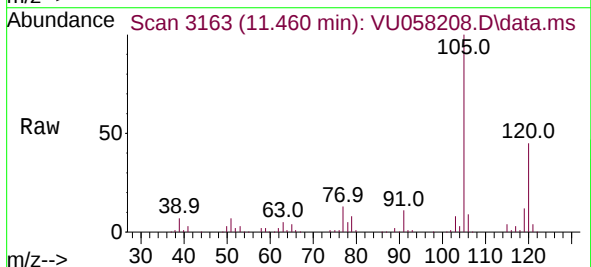
Acq: 22 Mar 2024 21:53

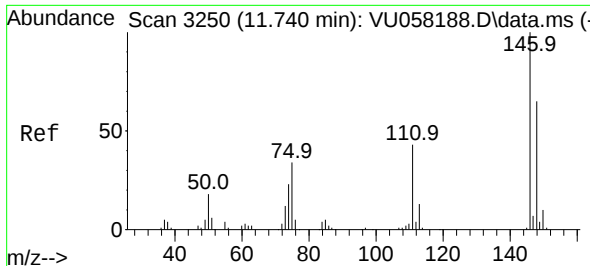
Tgt Ion:105 Resp: 97141

Ion Ratio Lower Upper

105 100

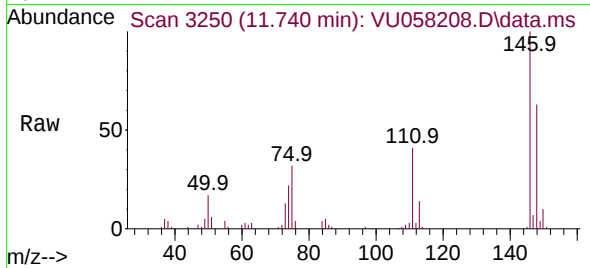
120 43.8 35.9 53.9



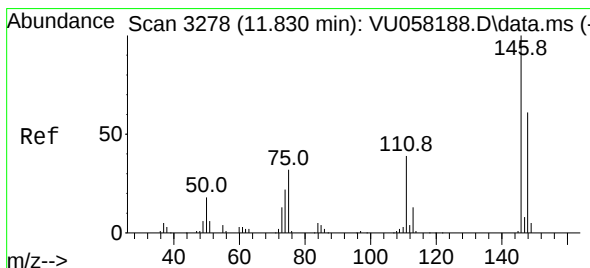
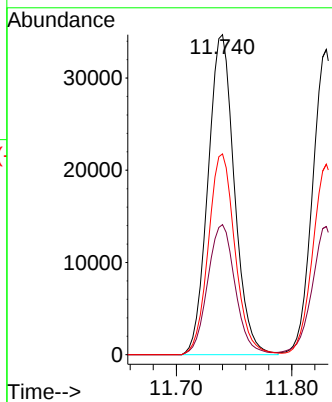
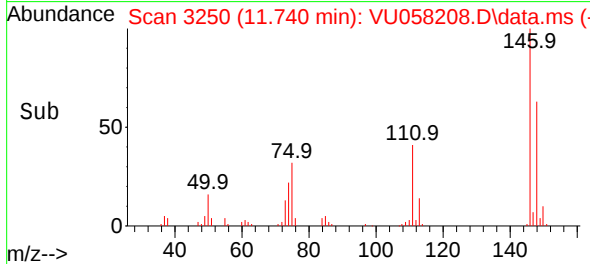


#64
1,3-Dichlorobenzene
Concen: 4.829 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

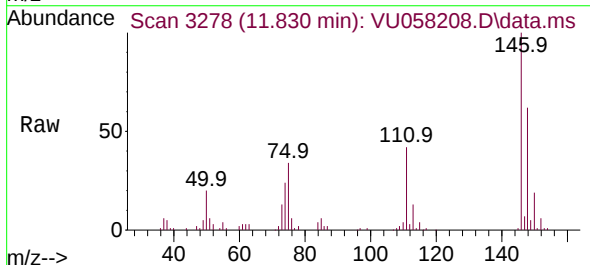
Instrument :
MSVOA_U
ClientSampleId :



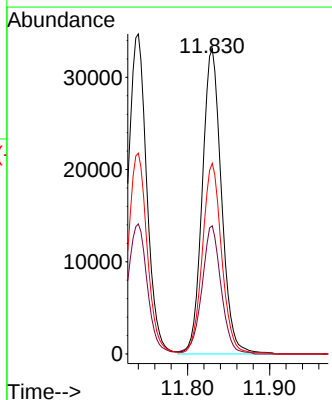
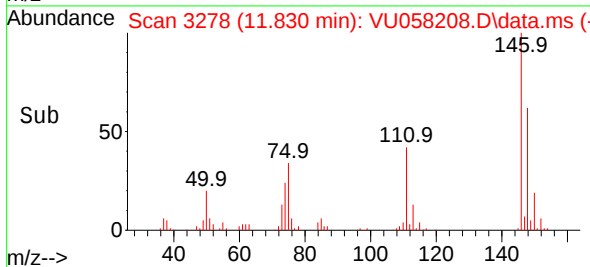
Tgt Ion:146 Resp: 55131
Ion Ratio Lower Upper
146 100
111 40.6 29.9 55.5
148 62.7 44.4 82.4

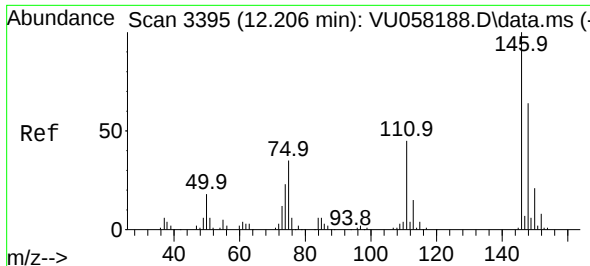


#65
1,4-Dichlorobenzene
Concen: 4.874 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53



Tgt Ion:146 Resp: 53784
Ion Ratio Lower Upper
146 100
111 42.0 29.0 53.8
148 62.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.699 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

Instrument :

MSVOA_U

ClientSampleId :

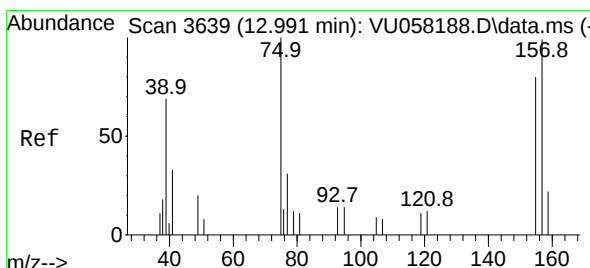
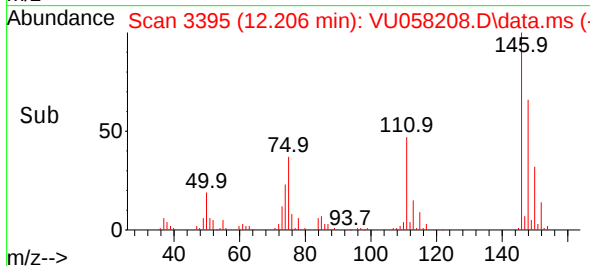
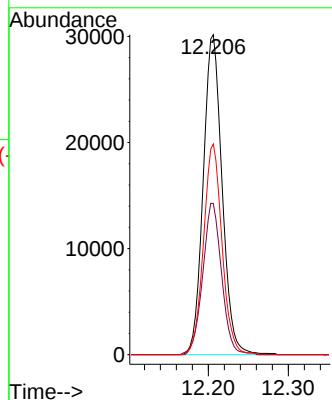
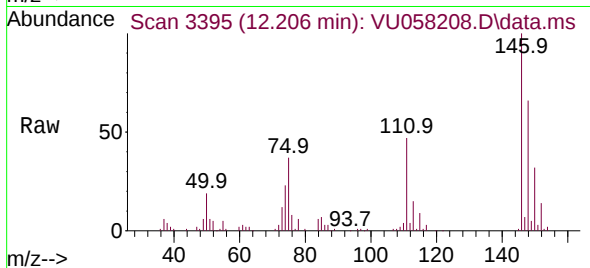
Tgt Ion:146 Resp: 49608

Ion Ratio Lower Upper

146 100

111 47.3 35.9 53.9

148 65.9 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.020 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058208.D

Acq: 22 Mar 2024 21:53

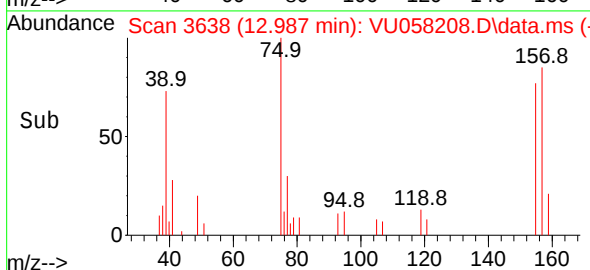
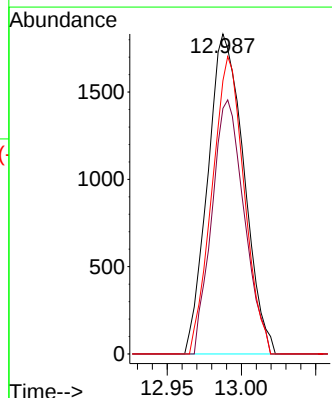
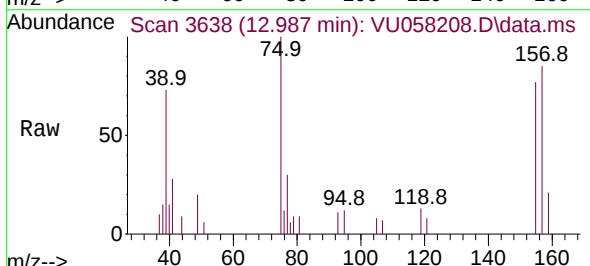
Tgt Ion: 75 Resp: 3102

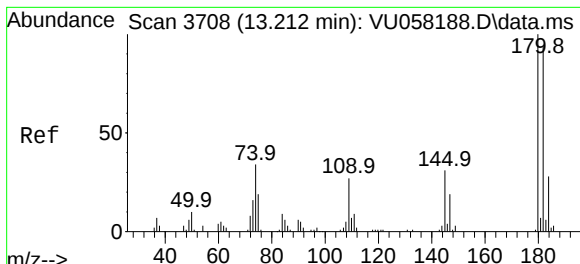
Ion Ratio Lower Upper

75 100

155 76.8 60.2 90.2

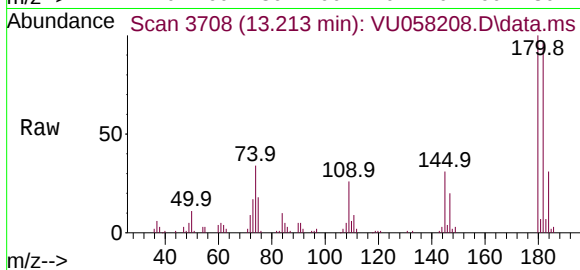
157 85.4 82.6 123.8



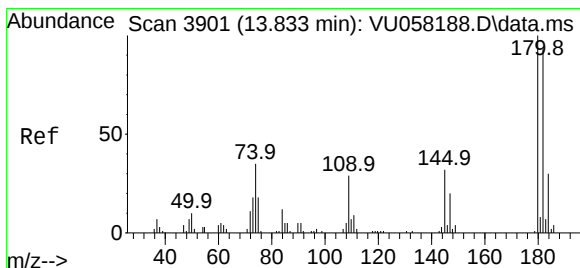
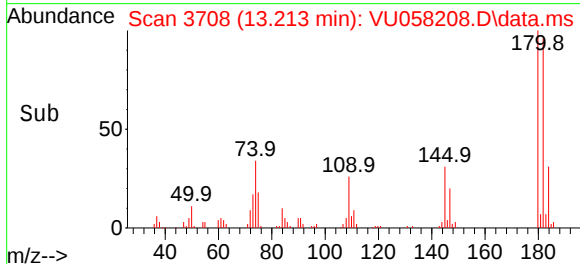
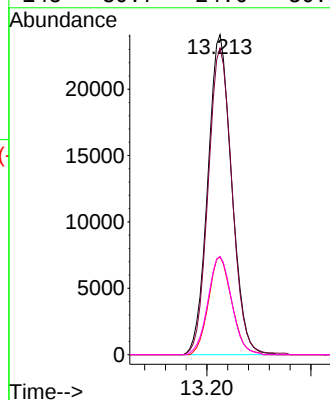


#69
 1,3,5-Trichlorobenzene
 Concen: 4.798 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU058208.D
 Acq: 22 Mar 2024 21:53

Instrument :
 MSVOA_U
 ClientSampleId :

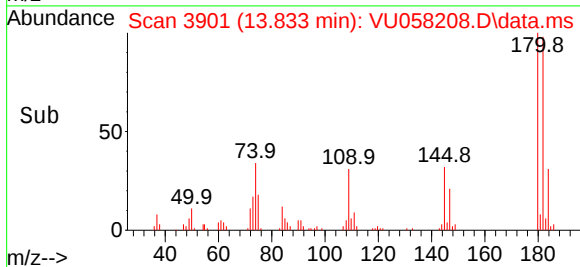
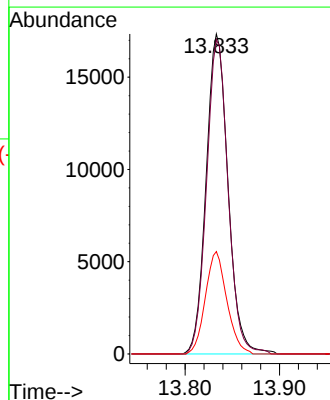
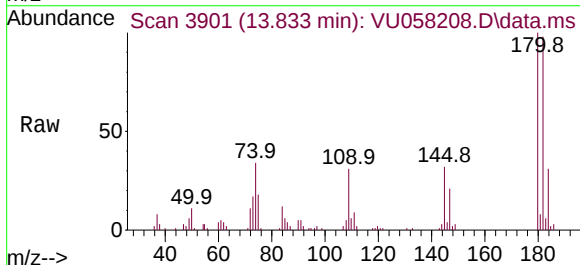


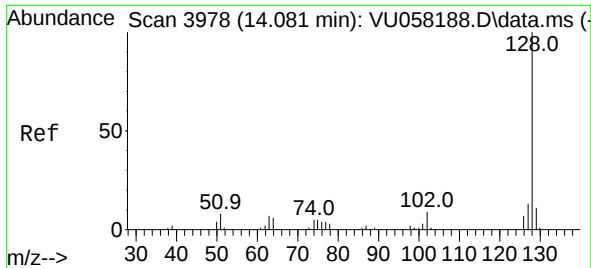
Tgt Ion:180 Resp: 38299
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.4 113.0
 184 29.8 24.8 37.2
 145 30.7 24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.688 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU058208.D
 Acq: 22 Mar 2024 21:53

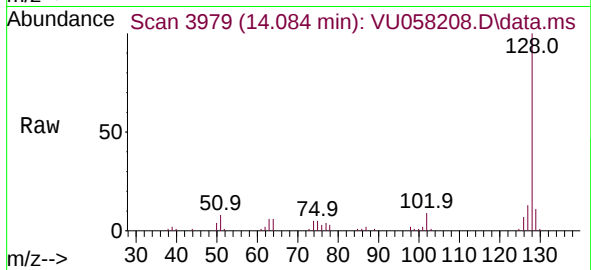
Tgt Ion:180 Resp: 27915
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.5 111.7
 145 31.4 24.5 36.7



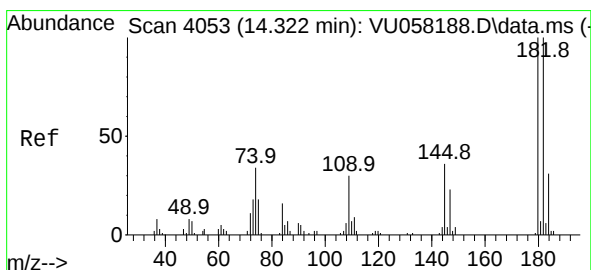
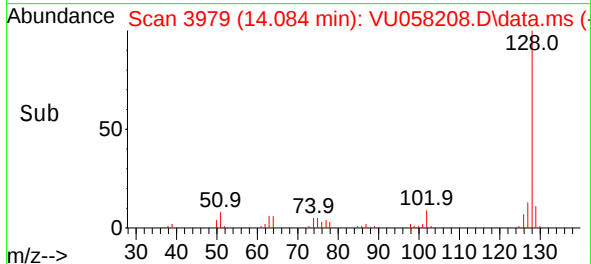
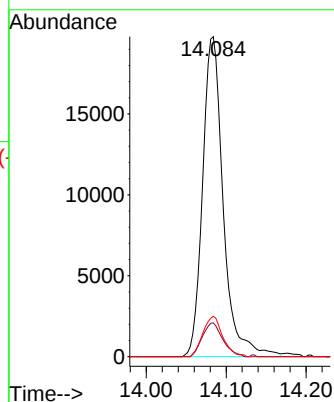


#71
Naphthalene
Concen: 4.377 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 35492
Ion Ratio Lower Upper
128 100
129 10.4 8.1 12.1
127 12.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.685 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058208.D
Acq: 22 Mar 2024 21:53

Tgt Ion:180 Resp: 22842
Ion Ratio Lower Upper
180 100
182 96.6 74.4 111.6
145 32.5 26.3 39.5

