

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051724\
 Data File : VU058905.D
 Acq On : 17 May 2024 11:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 00:07:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	43950	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	43035	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.563	65	18219	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.631	46	139098	56.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.540%
24) Chloroform-d	5.058	84	102375	5.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.698	65	49500	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	178761	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.685	67	60712	5.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	158977	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.177	79	21276	5.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.630	63	109438	56.158	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54835	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58103	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	69157	6.076	ug/L	98
3) Chloromethane	1.518	50	76625	5.782	ug/L	98
5) Vinyl chloride	1.602	62	81362	5.730	ug/L	100
6) Bromomethane	1.856	94	48612	5.496	ug/L	94
8) Chloroethane	1.933	64	51590	5.717	ug/L	98
9) Trichlorofluoromethane	2.139	101	104214	5.723	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	63356	5.741	ug/L	98
12) 1,1-Dichloroethene	2.576	96	55608	5.738	ug/L	100
13) Acetone	2.650	43	111825	66.035	ug/L	100
14) Carbon disulfide	2.792	76	167476	5.454	ug/L	100
15) Methyl Acetate	2.955	43	24435	5.806	ug/L	97
16) Methylene chloride	3.042	84	69541	5.289	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	141317	5.609	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	57942	5.678	ug/L	96
19) 1,1-Dichloroethane	3.862	63	123107	5.771	ug/L	99
21) 2-Butanone	4.711	43	163908	60.348	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	67559	5.750	ug/L	97
23) Bromochloromethane	4.968	128	29678	5.720	ug/L	98
25) Chloroform	5.081	83	129114	5.792	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051724\
 Data File : VU058905.D
 Acq On : 17 May 2024 11:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

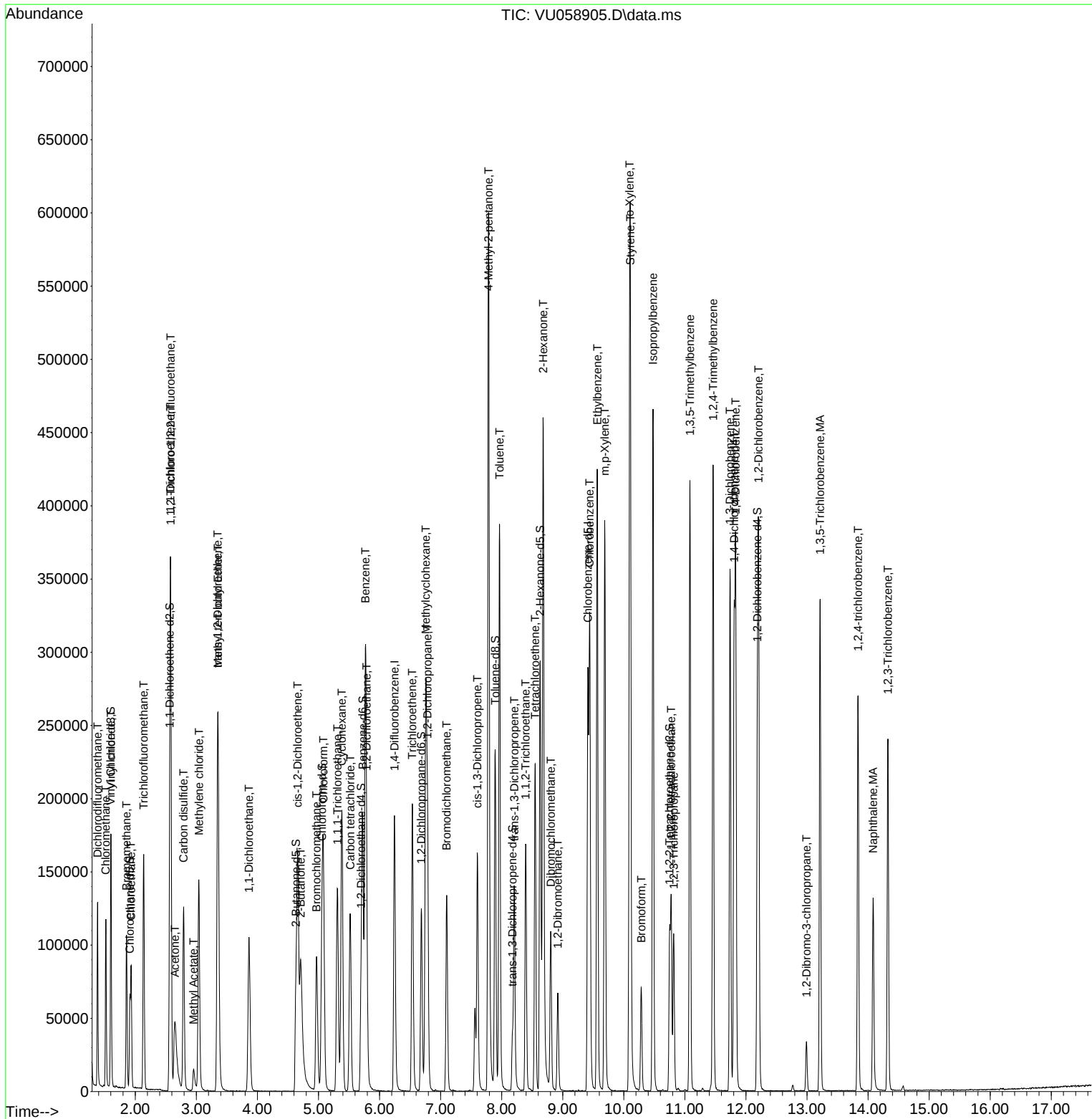
Instrument :
 MSVOA_U
 ClientSampleId :

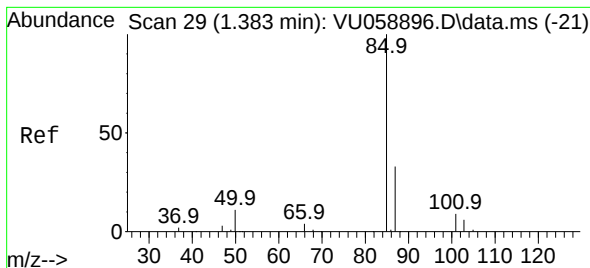
Quant Time: May 18 00:07:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	78400	5.756	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	101472	5.866	ug/L	99
30) Cyclohexane	5.383	56	91699	5.607	ug/L	97
31) Carbon tetrachloride	5.521	117	83211	5.766	ug/L	99
33) Benzene	5.769	78	270965	5.959	ug/L	100
34) Trichloroethene	6.537	95	71234	5.921	ug/L	94
35) Methylcyclohexane	6.759	83	96936	5.648	ug/L	99
37) 1,2-Dichloropropane	6.785	63	76800	5.949	ug/L	99
38) Bromodichloromethane	7.100	83	91507	5.914	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	100115	5.691	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	400592	60.040	ug/L	99
42) Toluene	7.965	91	291032	6.136	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	82852	5.772	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	53576	5.900	ug/L	99
47) Tetrachloroethene	8.550	164	48909	5.707	ug/L	96
48) 2-Hexanone	8.679	43	300862	62.574	ug/L	99
49) Dibromochloromethane	8.804	129	54481	5.689	ug/L	97
50) 1,2-Dibromoethane	8.920	107	46578	5.804	ug/L	100
51) Chlorobenzene	9.441	112	172964	5.722	ug/L	100
52) Ethylbenzene	9.566	91	299582	5.850	ug/L	99
53) m,p-Xylene	9.688	106	108491	5.789	ug/L	99
54) o-Xylene	10.097	106	105977	5.782	ug/L	96
55) Styrene	10.110	104	191065	6.196	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	66055	5.738	ug/L	99
59) Bromoform	10.286	173	32590	5.730	ug/L	95
60) Isopropylbenzene	10.479	105	293530	5.890	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	46111	5.752	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	224949	5.663	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	232899	5.914	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	140947	5.813	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	140034	5.786	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	133142	5.875	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	9181	5.694	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	103549	5.695	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	81953	5.462	ug/L	99
71) Naphthalene	14.084	128	113608	5.024	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	71684	5.444	ug/L	98

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

Quant Time: May 18 00:07:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 16 01:51:35 2024
Response via : Initial Calibration

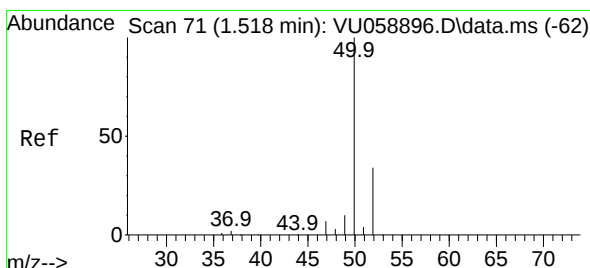
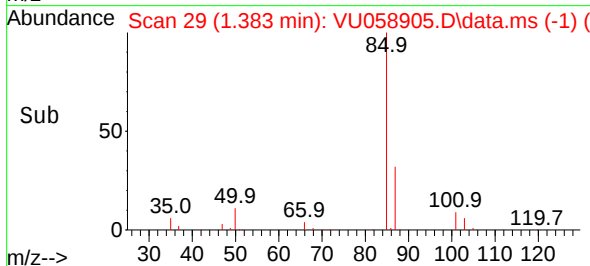
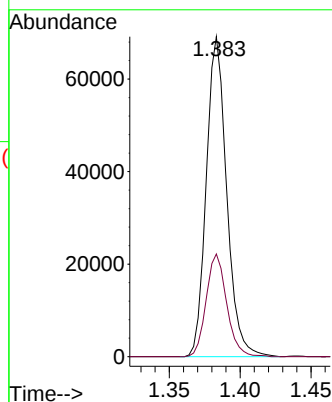
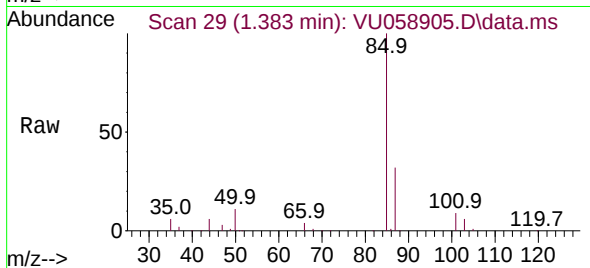




#2
 Dichlorodifluoromethane
 Concen: 6.076 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU058905.D
 Acq: 17 May 2024 11:28

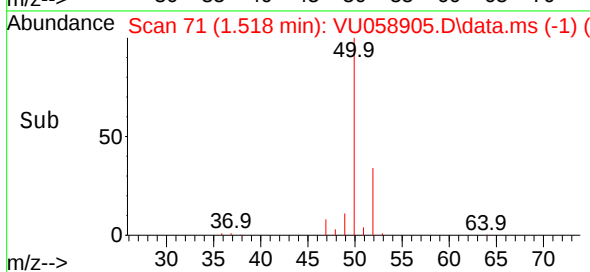
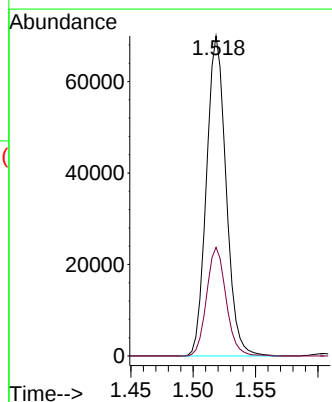
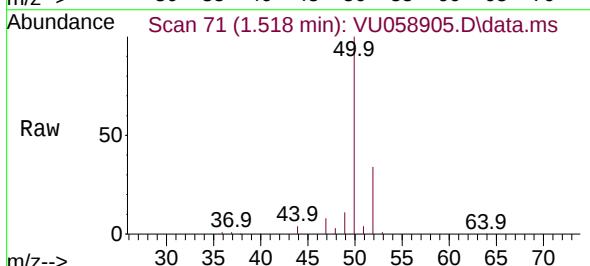
Instrument :
 MSVOA_U
 ClientSampleId :

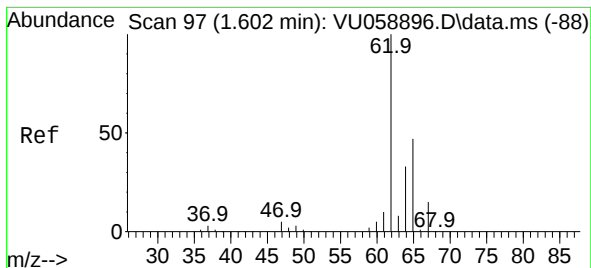
Tgt Ion: 85 Resp: 69157
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 40.0



#3
 Chloromethane
 Concen: 5.782 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU058905.D
 Acq: 17 May 2024 11:28

Tgt Ion: 50 Resp: 76625
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.0





#5

Vinyl chloride

Concen: 5.730 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

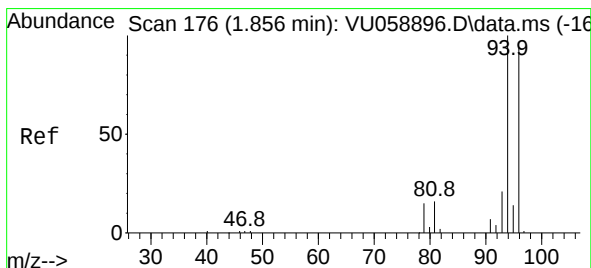
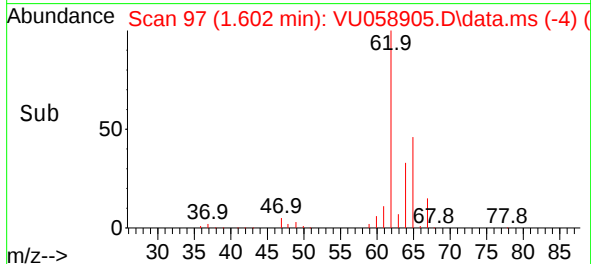
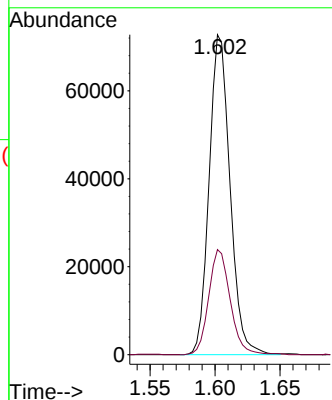
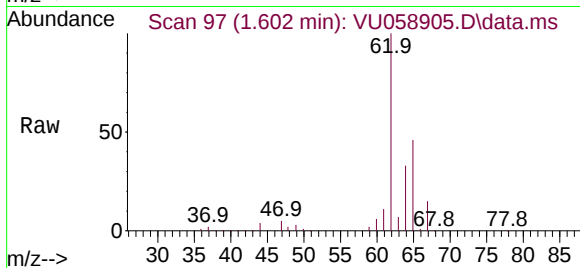
ClientSampleId :

Tgt Ion: 62 Resp: 81362

Ion Ratio Lower Upper

62 100

64 32.9 23.1 42.9



#6

Bromomethane

Concen: 5.496 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU058905.D

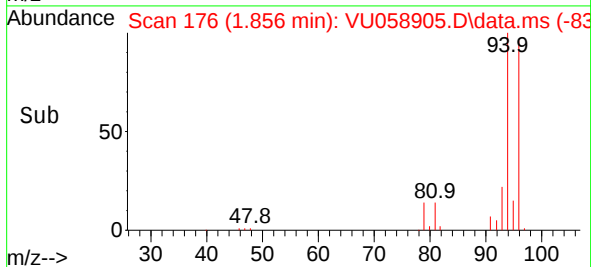
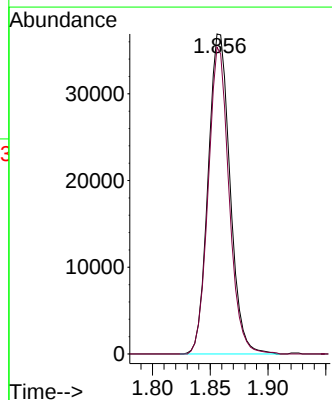
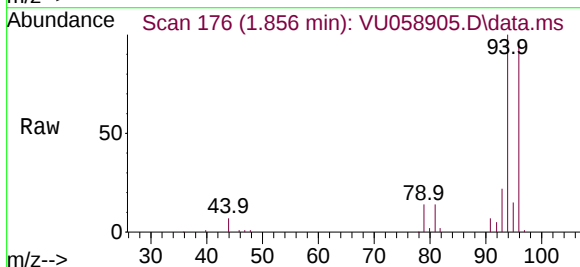
Acq: 17 May 2024 11:28

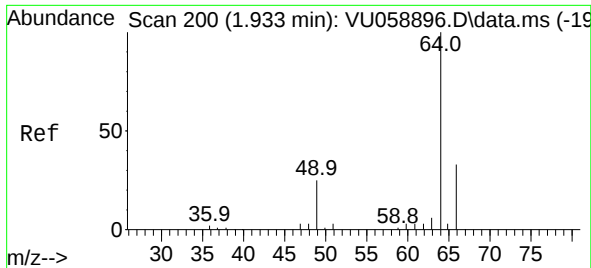
Tgt Ion: 94 Resp: 48612

Ion Ratio Lower Upper

94 100

96 95.9 62.9 116.9

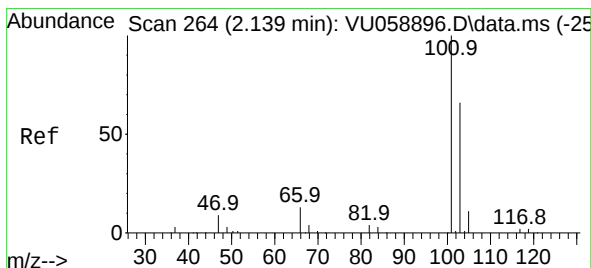
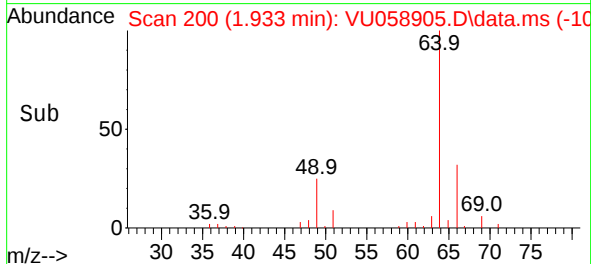
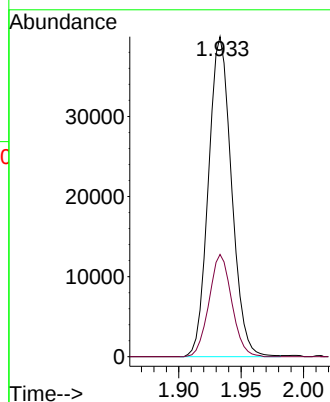
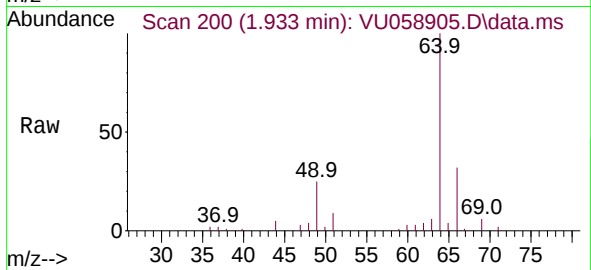




#8
Chloroethane
Concen: 5.717 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

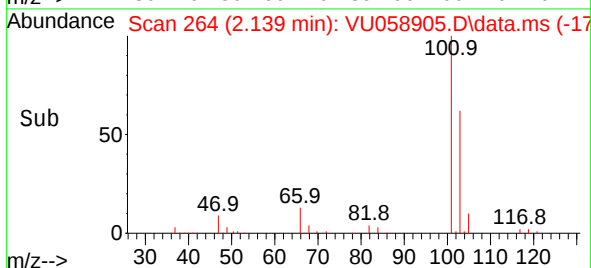
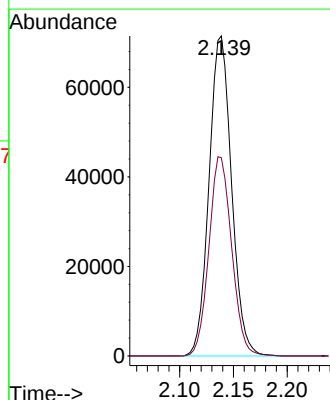
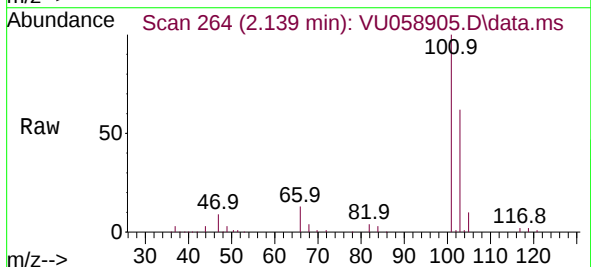
Instrument :
MSVOA_U
ClientSampleId :

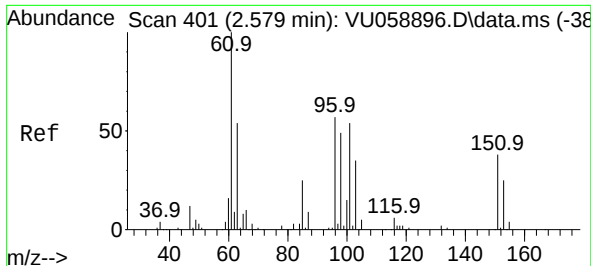
Tgt Ion: 64 Resp: 51590
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.723 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion:101 Resp: 104214
Ion Ratio Lower Upper
101 100
103 62.9 52.6 79.0

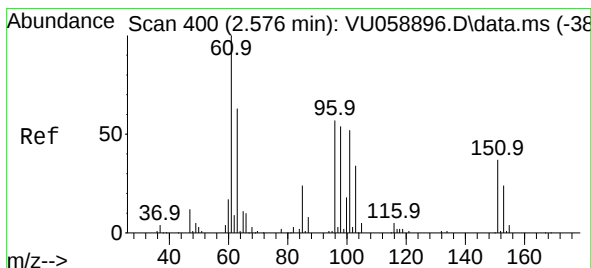
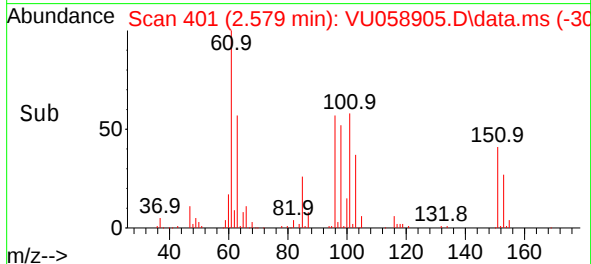
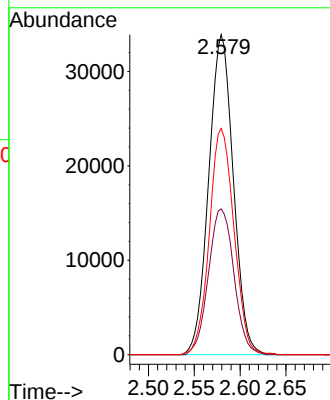
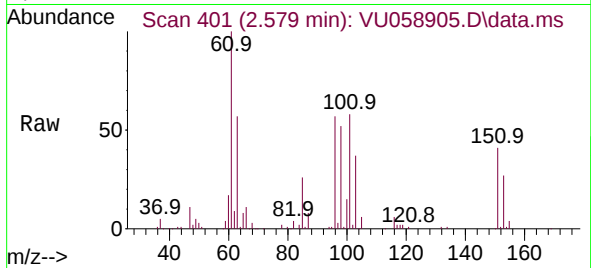




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.741 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU058905.D
 Acq: 17 May 2024 11:28

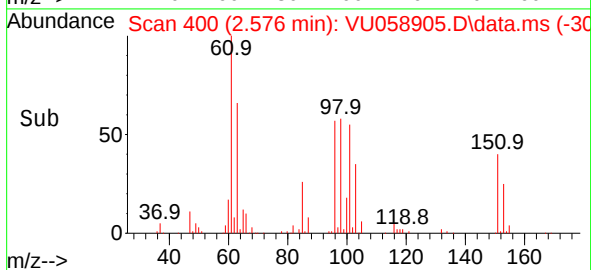
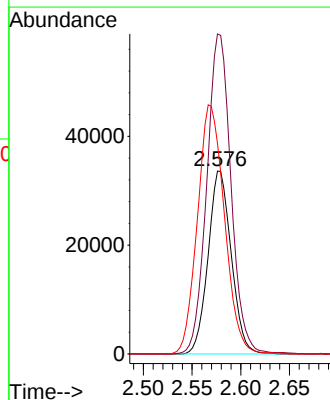
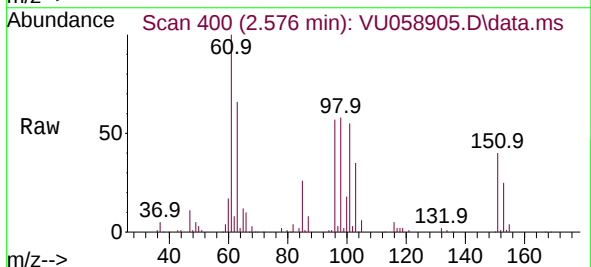
Instrument :
 MSVOA_U
 ClientSampleId :

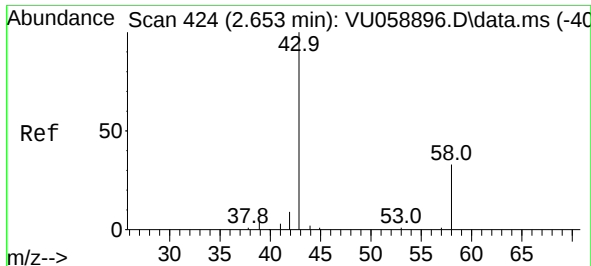
Tgt Ion:101 Resp: 63356
 Ion Ratio Lower Upper
 101 100
 85 47.1 36.2 54.4
 151 70.8 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.738 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU058905.D
 Acq: 17 May 2024 11:28

Tgt Ion: 96 Resp: 55608
 Ion Ratio Lower Upper
 96 100
 61 175.0 122.9 228.3
 63 115.2 80.4 149.4





#13

Acetone

Concen: 66.035 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

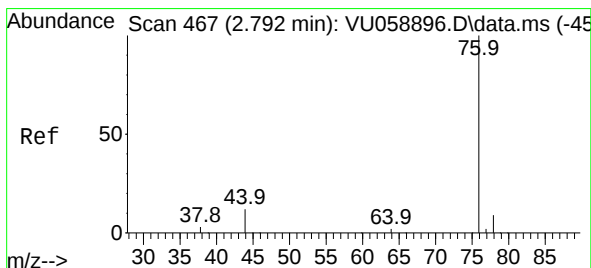
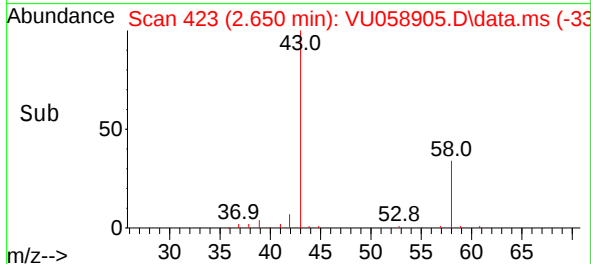
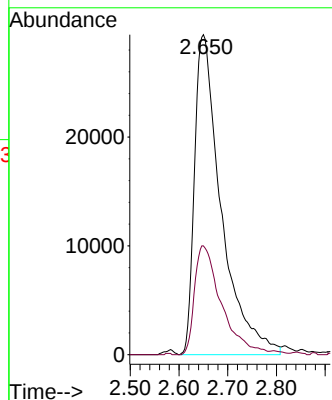
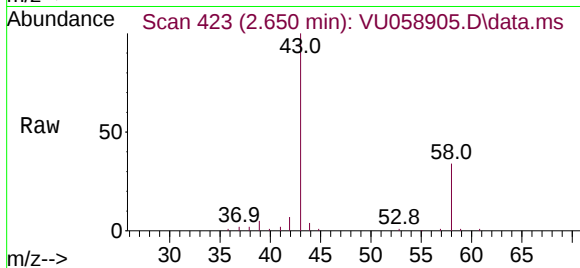
ClientSampleId :

Tgt Ion: 43 Resp: 111825

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.0



#14

Carbon disulfide

Concen: 5.454 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU058905.D

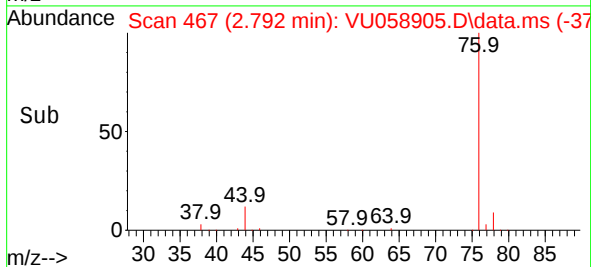
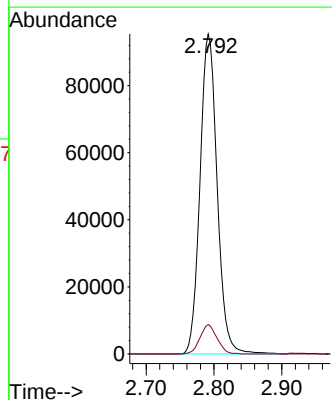
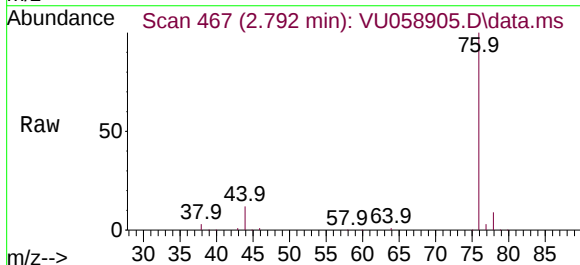
Acq: 17 May 2024 11:28

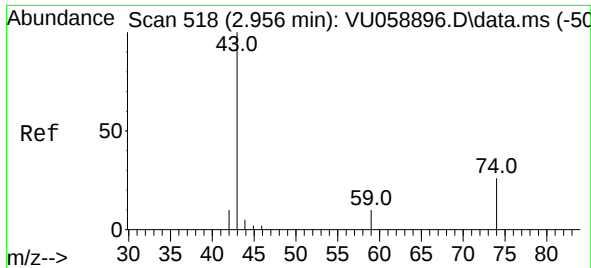
Tgt Ion: 76 Resp: 167476

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 5.806 ug/L

RT: 2.955 min Scan# 518

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

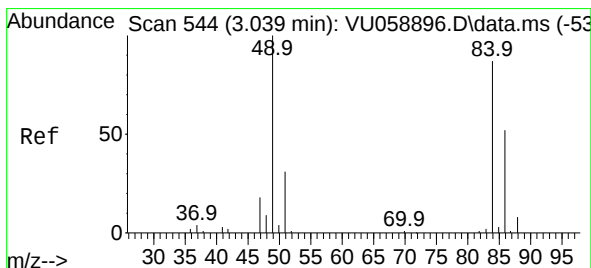
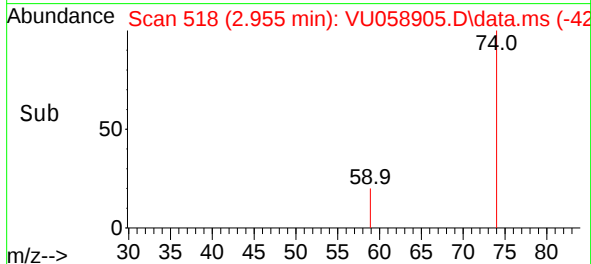
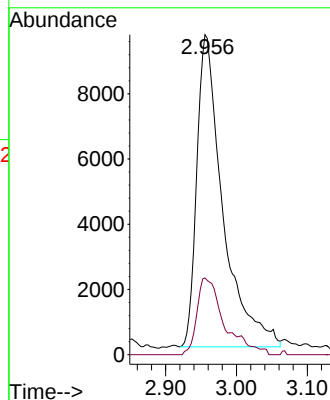
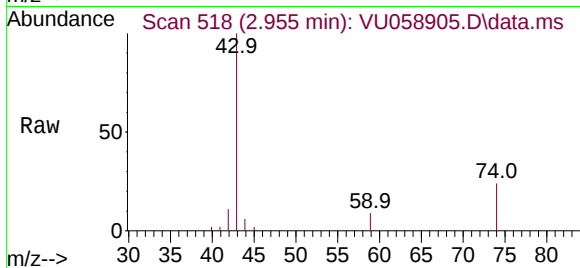
ClientSampleId :

Tgt Ion: 43 Resp: 24435

Ion Ratio Lower Upper

43 100

74 25.7 19.2 28.8



#16

Methylene chloride

Concen: 5.289 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

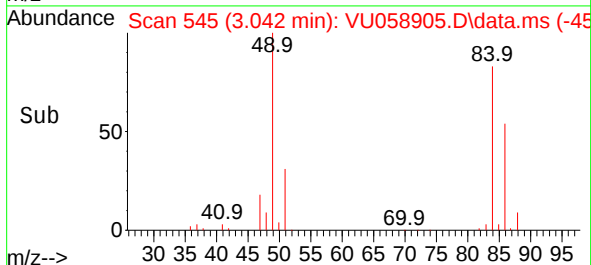
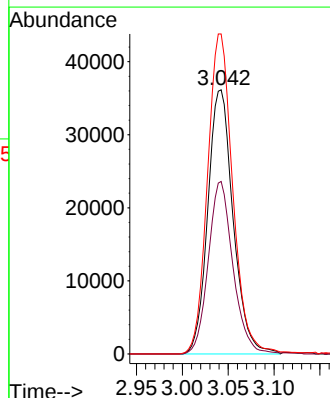
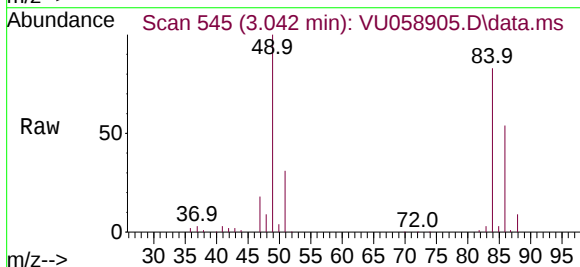
Tgt Ion: 84 Resp: 69541

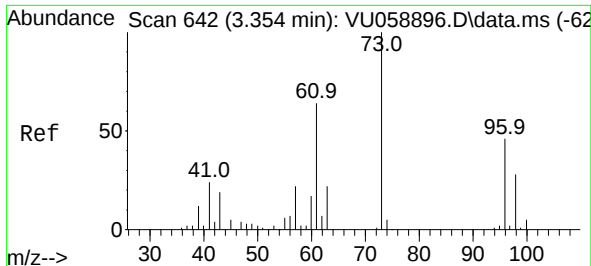
Ion Ratio Lower Upper

84 100

86 65.3 42.1 78.1

49 121.1 80.6 149.8

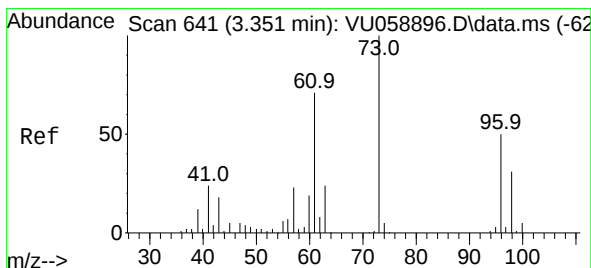
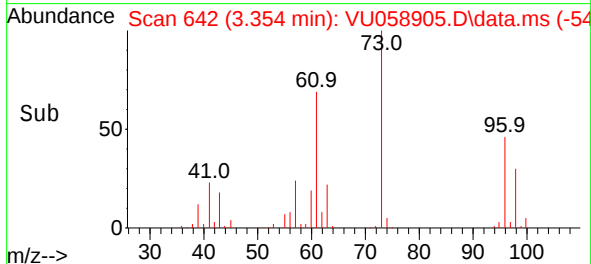
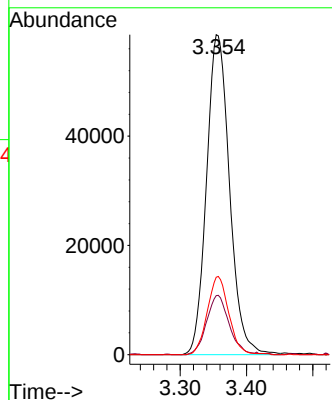
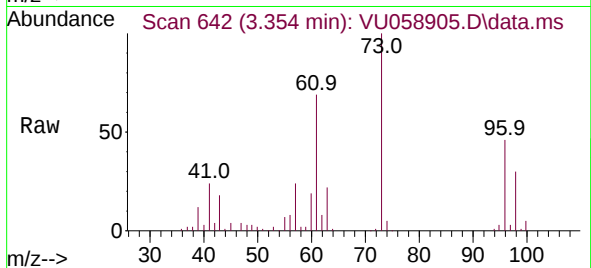




#17
Methyl tert-butyl Ether
Concen: 5.609 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

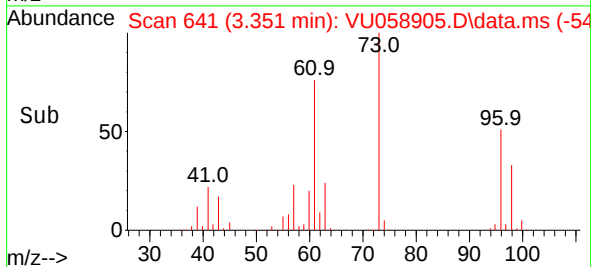
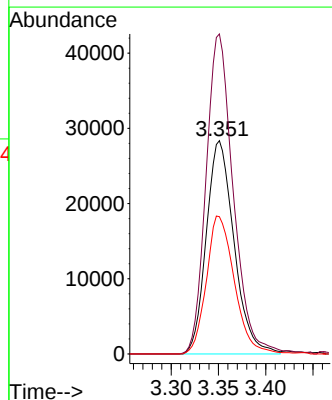
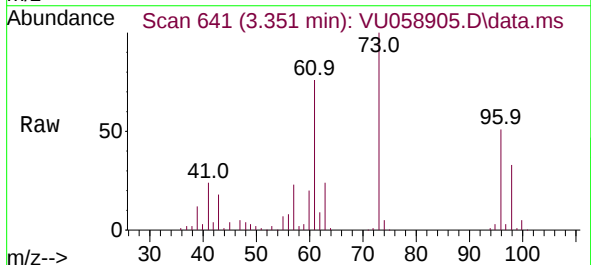
Instrument :
MSVOA_U
ClientSampleId :

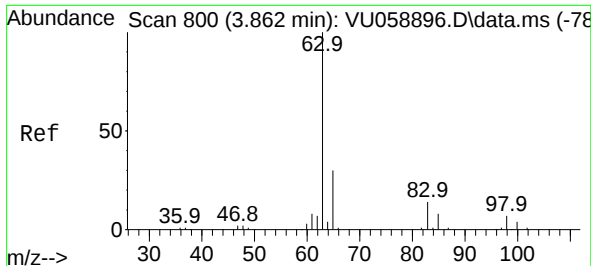
Tgt Ion: 73 Resp: 141317
Ion Ratio Lower Upper
73 100
43 18.1 14.9 22.3
57 22.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.678 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion: 96 Resp: 57942
Ion Ratio Lower Upper
96 100
61 150.0 101.8 189.0
98 64.4 43.3 80.5

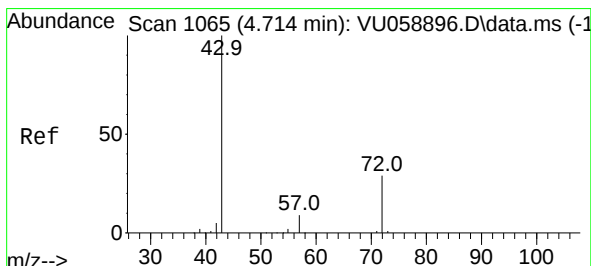
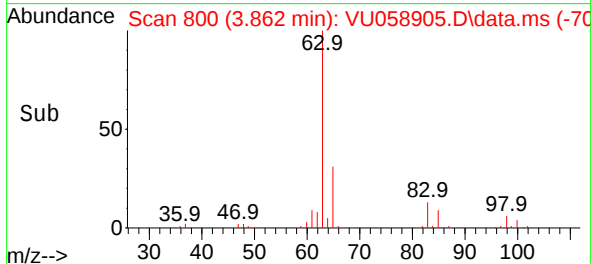
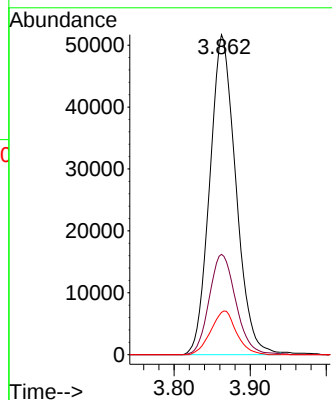
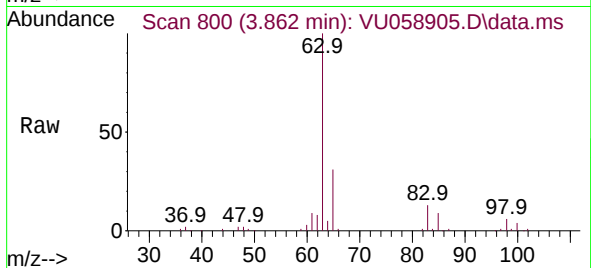




#19
1,1-Dichloroethane
Concen: 5.771 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

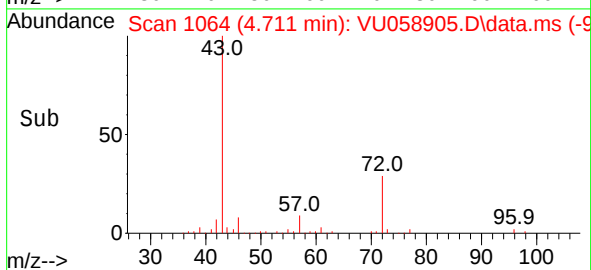
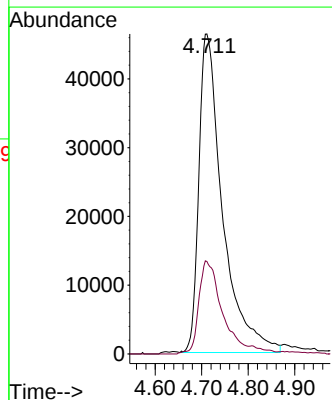
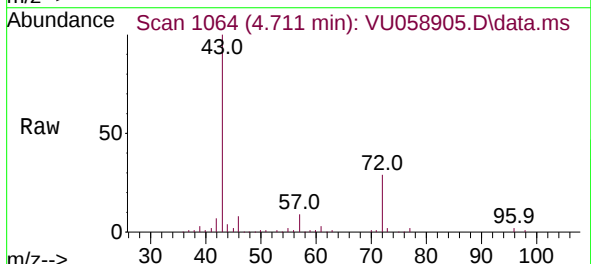
Instrument :
MSVOA_U
ClientSampleId :

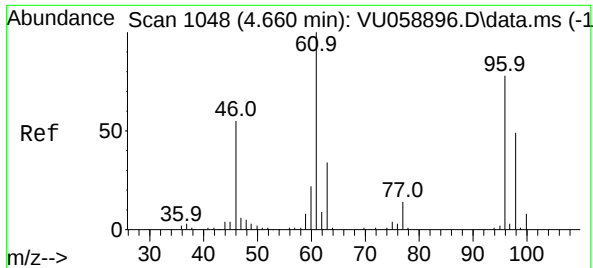
Tgt Ion: 63 Resp: 123107
Ion Ratio Lower Upper
63 100
65 31.4 21.8 40.6
83 13.2 9.9 18.5



#21
2-Butanone
Concen: 60.348 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion: 43 Resp: 163908
Ion Ratio Lower Upper
43 100
72 28.2 13.8 41.4

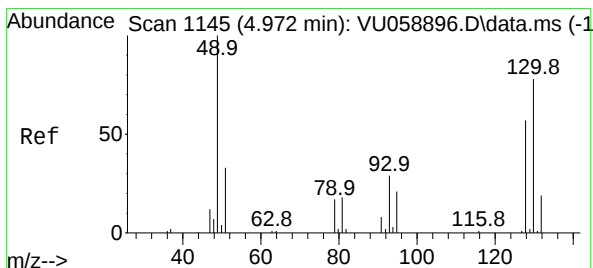
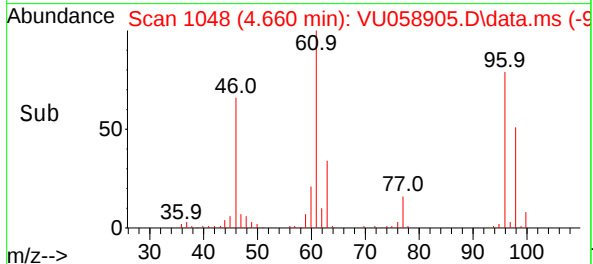
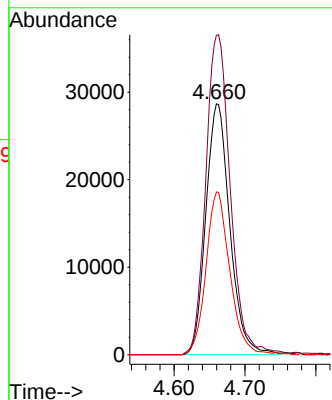
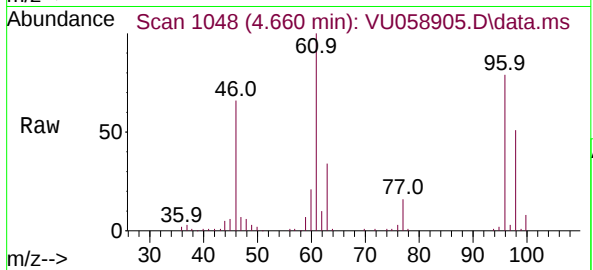




#22
cis-1,2-Dichloroethene
Concen: 5.750 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

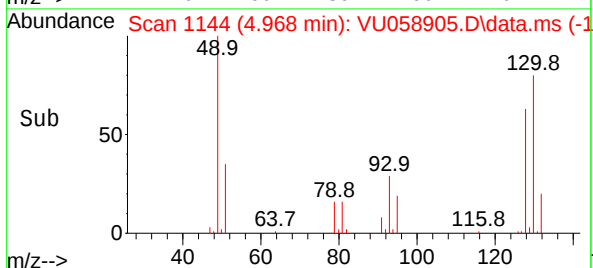
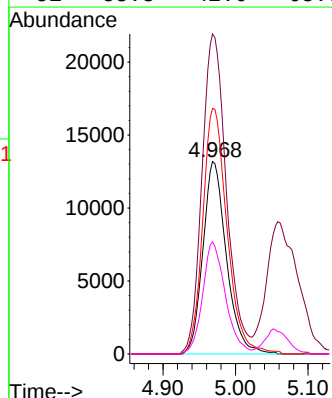
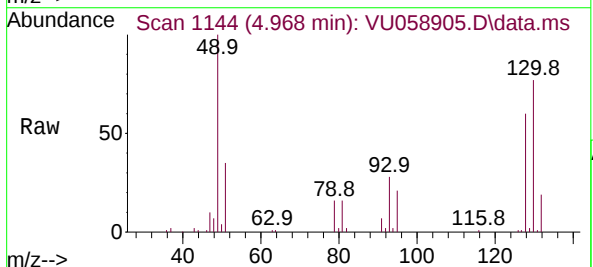
Instrument :
MSVOA_U
ClientSampleId :

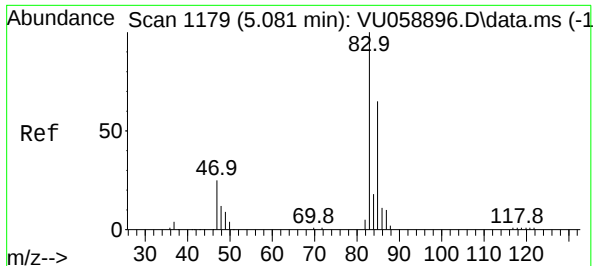
Tgt Ion: 96 Resp: 67559
Ion Ratio Lower Upper
96 100
61 127.3 87.4 162.2
98 64.8 42.3 78.5



#23
Bromochloromethane
Concen: 5.720 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion:128 Resp: 29678
Ion Ratio Lower Upper
128 100
49 166.3 117.0 217.4
130 127.6 89.6 166.4
51 58.3 42.0 63.0

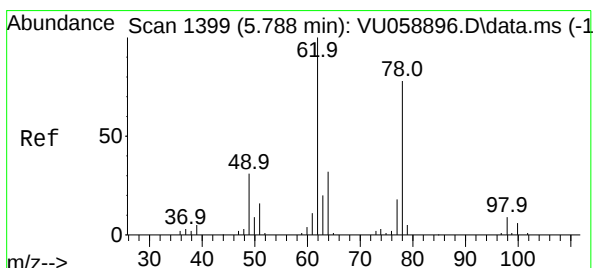
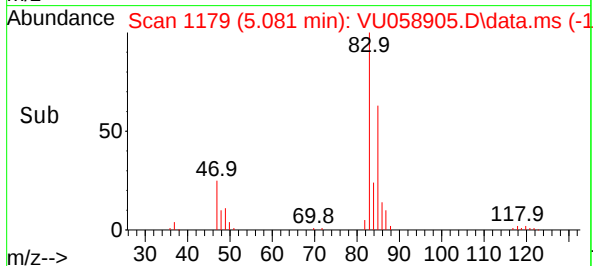
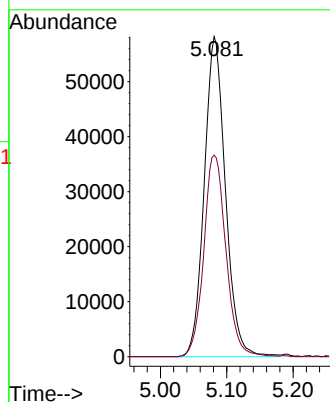
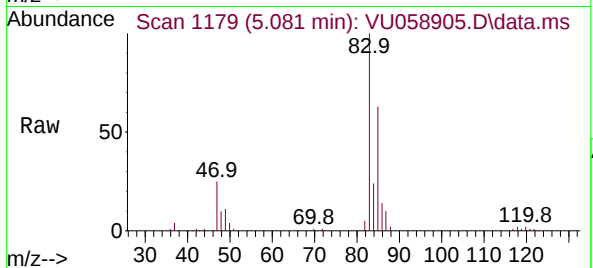




#25
Chloroform
Concen: 5.792 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

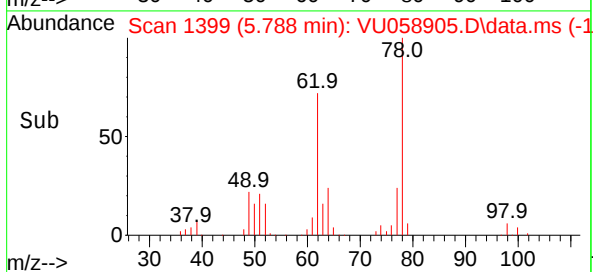
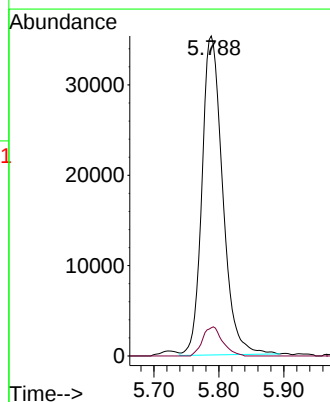
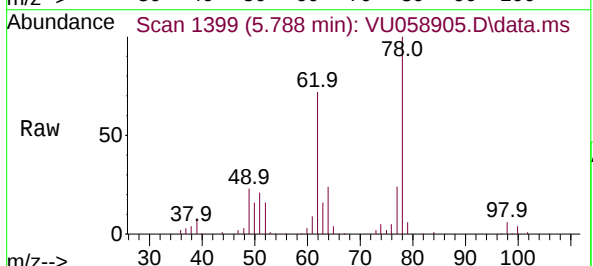
Instrument :
MSVOA_U
ClientSampleId :

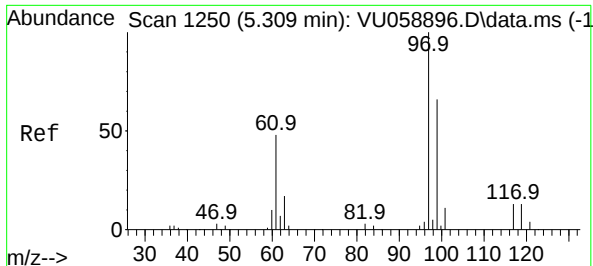
Tgt Ion: 83 Resp: 129114
Ion Ratio Lower Upper
83 100
85 62.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.756 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion: 62 Resp: 78400
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.866 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

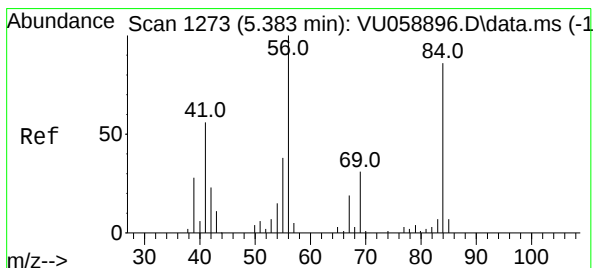
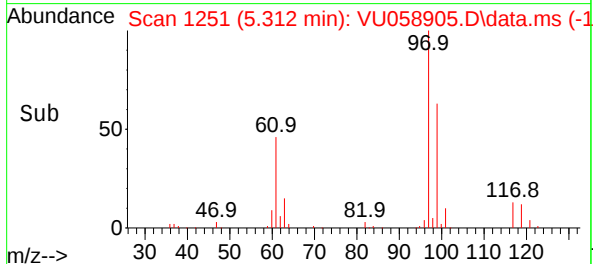
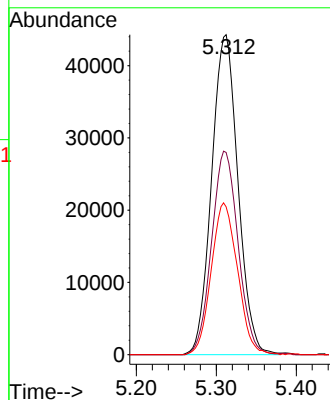
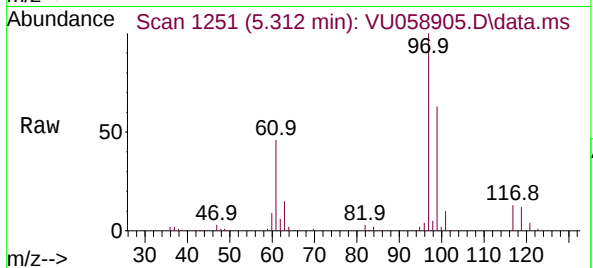
Tgt Ion: 97 Resp: 101472

Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.6

61 47.4 37.4 56.2



#30

Cyclohexane

Concen: 5.607 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

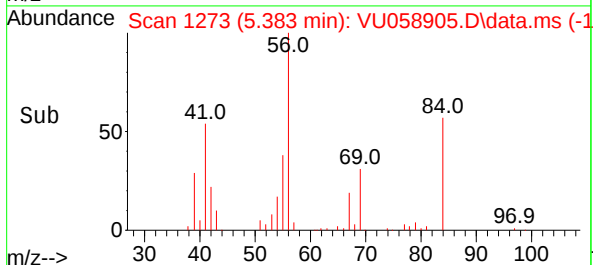
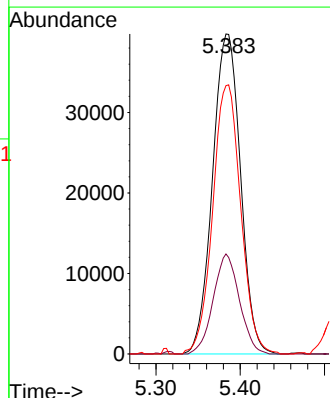
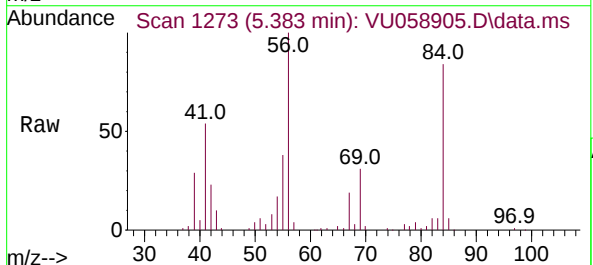
Tgt Ion: 56 Resp: 91699

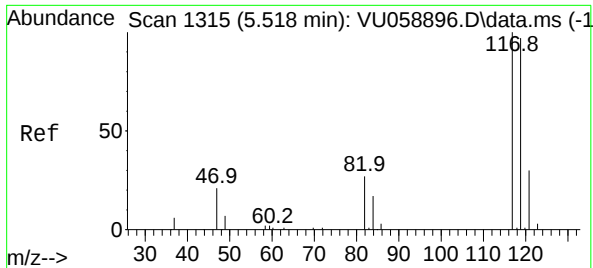
Ion Ratio Lower Upper

56 100

69 29.2 24.8 37.2

84 84.3 69.8 104.8

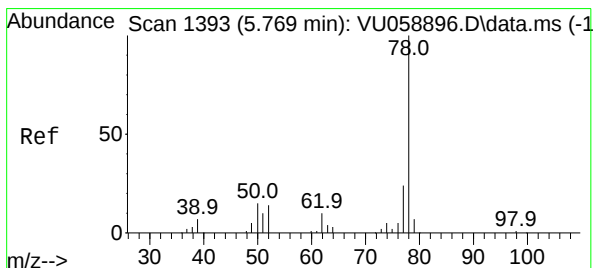
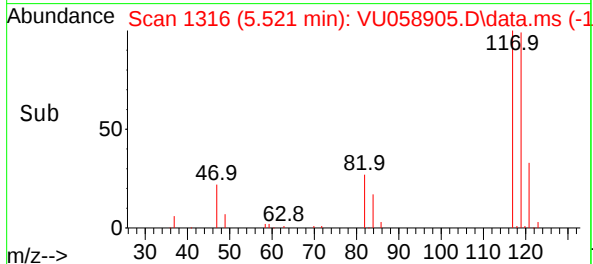
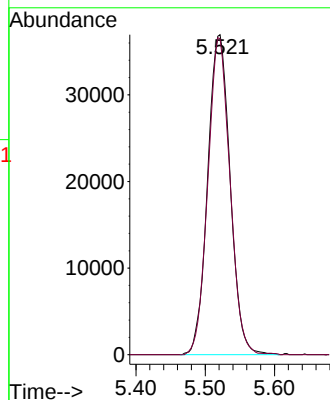
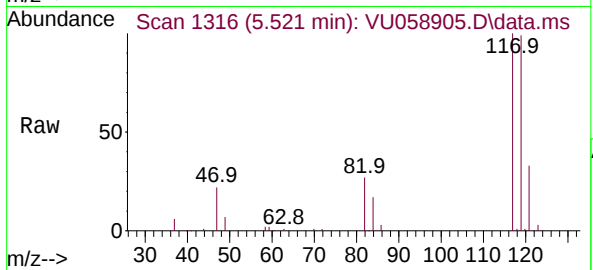




#31
Carbon tetrachloride
Concen: 5.766 ug/L
RT: 5.521 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

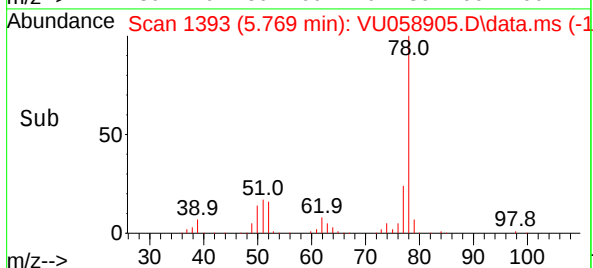
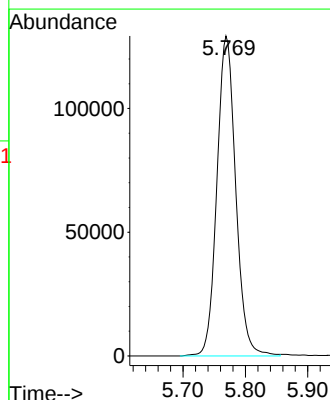
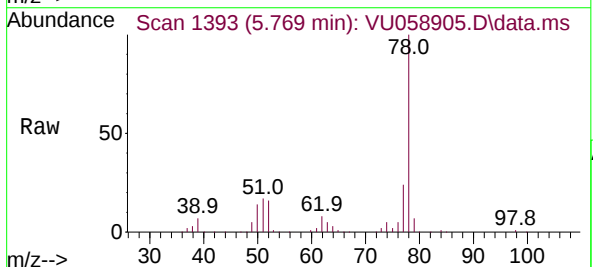
Instrument :
MSVOA_U
ClientSampleId :

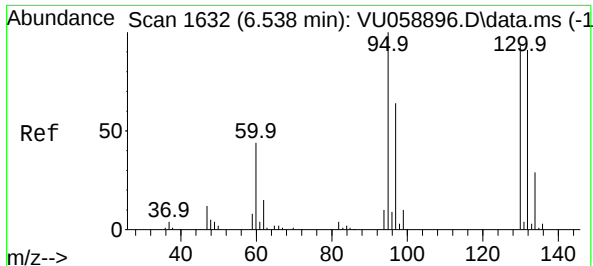
Tgt Ion:117 Resp: 83211
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3



#33
Benzene
Concen: 5.959 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion: 78 Resp: 270965





#34

Trichloroethene

Concen: 5.921 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 71234

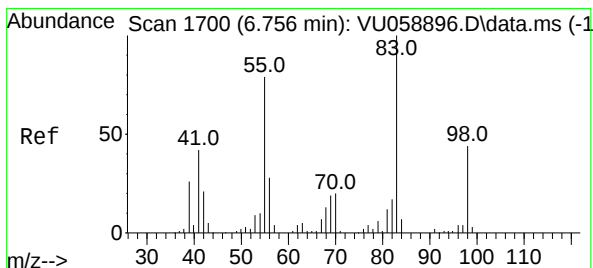
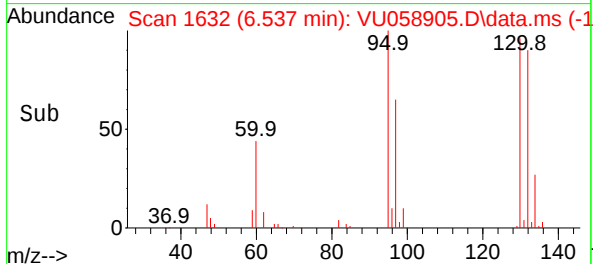
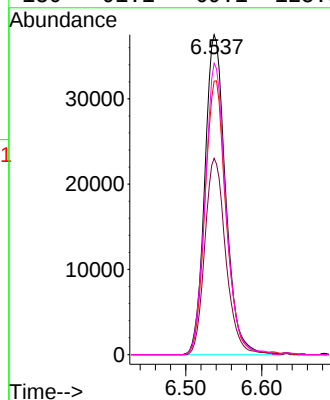
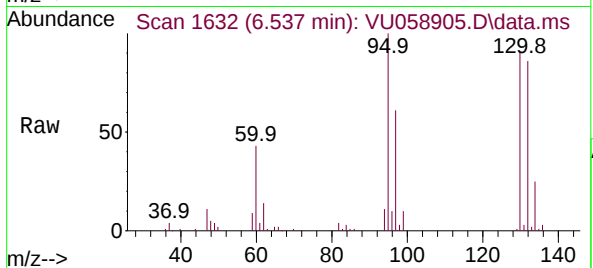
Ion Ratio Lower Upper

95 100

97 61.4 45.3 84.1

132 85.5 64.0 119.0

130 91.1 69.1 128.3



#35

Methylcyclohexane

Concen: 5.648 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

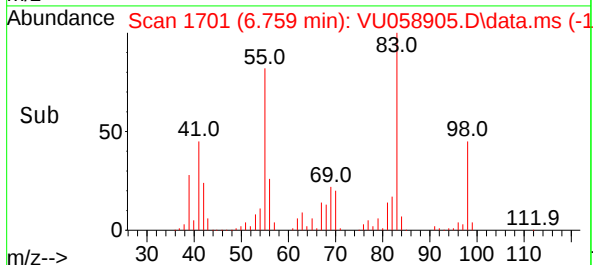
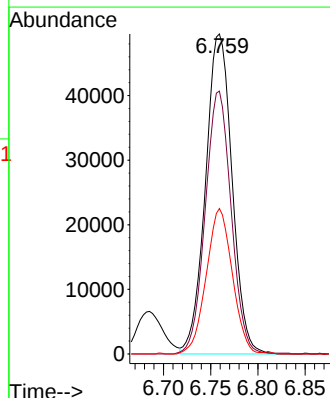
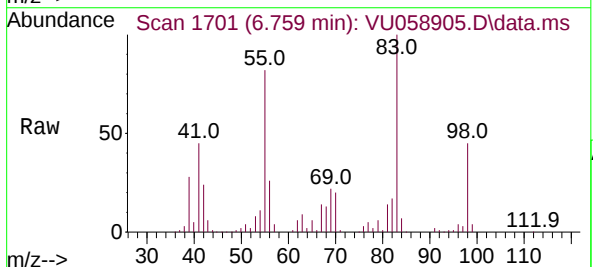
Tgt Ion: 83 Resp: 96936

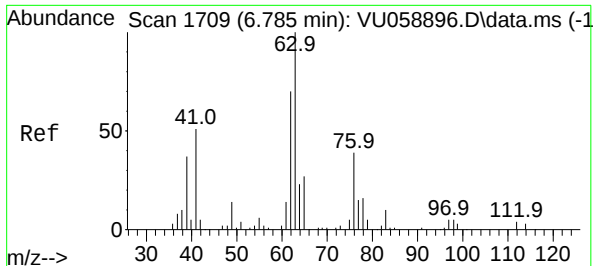
Ion Ratio Lower Upper

83 100

55 80.0 62.7 94.1

98 44.6 35.4 53.0

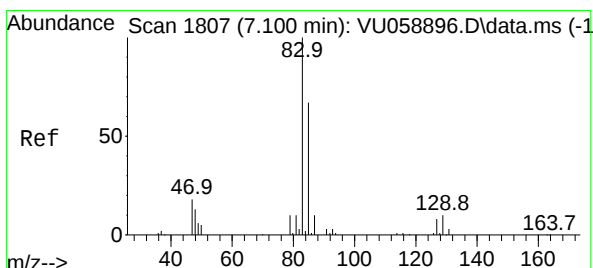
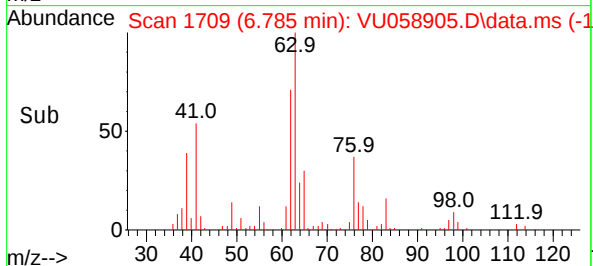
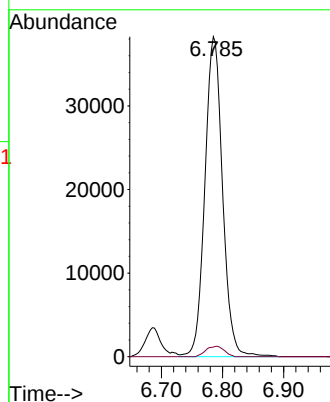
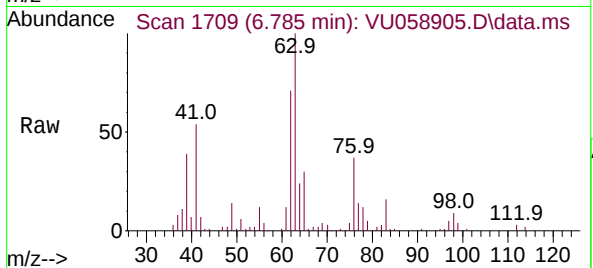




#37
1,2-Dichloropropane
Concen: 5.949 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

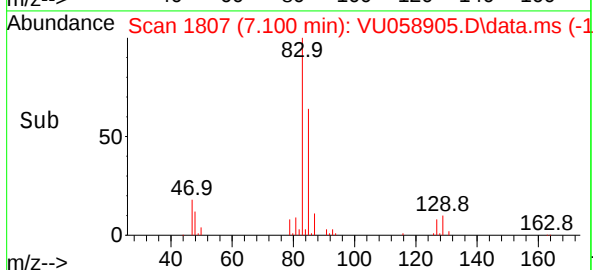
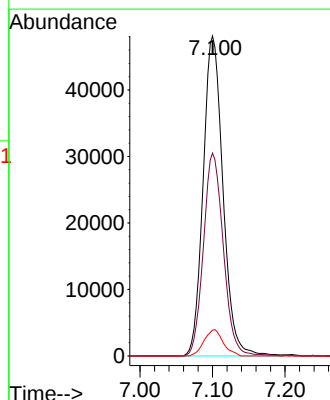
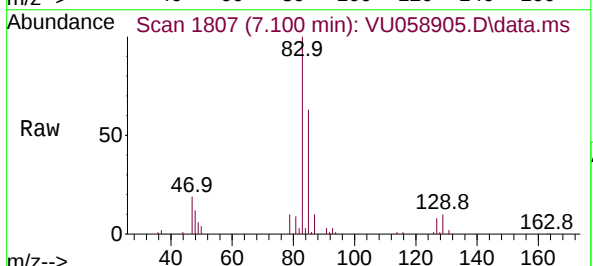
Instrument :
MSVOA_U
ClientSampleId :

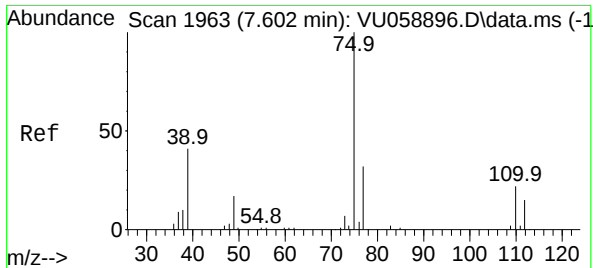
Tgt Ion: 63 Resp: 76800
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8



#38
Bromodichloromethane
Concen: 5.914 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion: 83 Resp: 91507
Ion Ratio Lower Upper
83 100
85 63.4 42.7 79.3
127 8.1 6.1 9.1

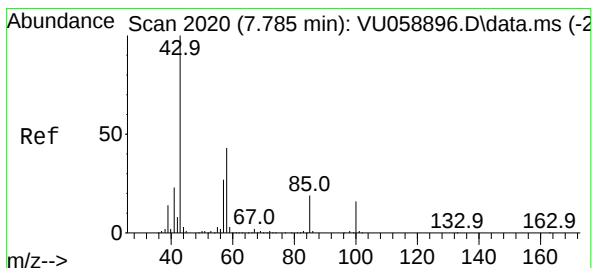
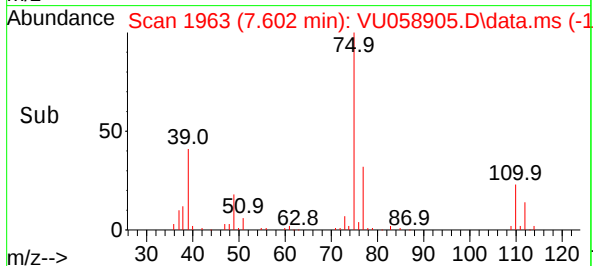
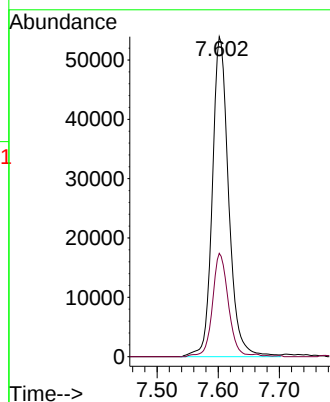
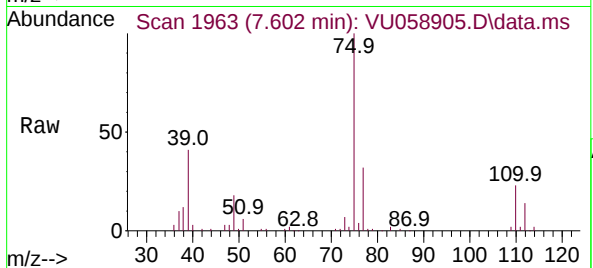




#39
 cis-1,3-Dichloropropene
 Concen: 5.691 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058905.D
 Acq: 17 May 2024 11:28

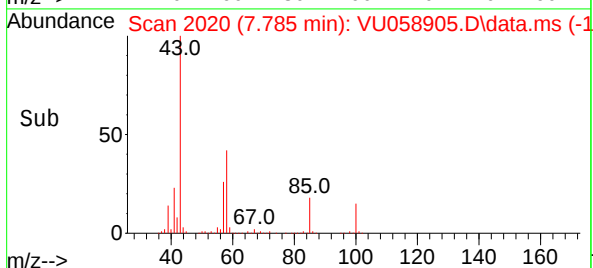
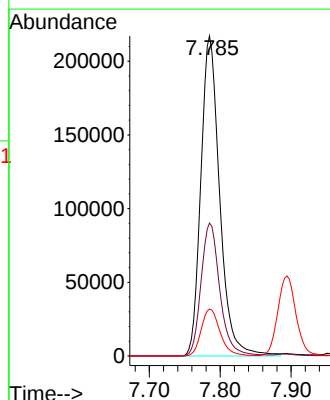
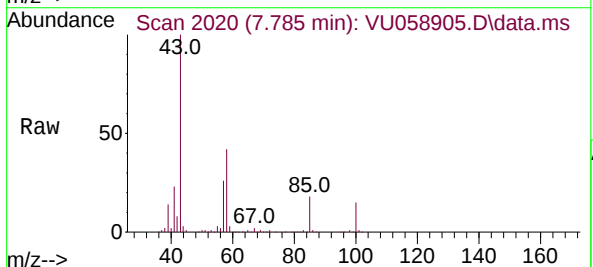
Instrument :
 MSVOA_U
 ClientSampleId :

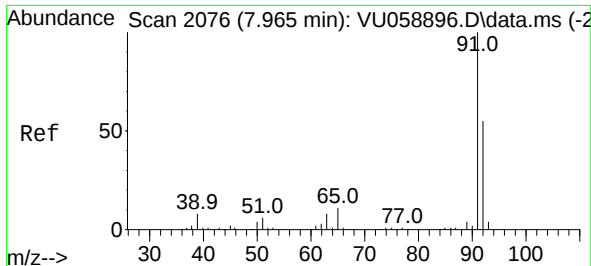
Tgt Ion: 75 Resp: 100115
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 60.040 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU058905.D
 Acq: 17 May 2024 11:28

Tgt Ion: 43 Resp: 400592
 Ion Ratio Lower Upper
 43 100
 58 41.6 34.0 51.0
 100 14.7 12.1 18.1





#42

Toluene

Concen: 6.136 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

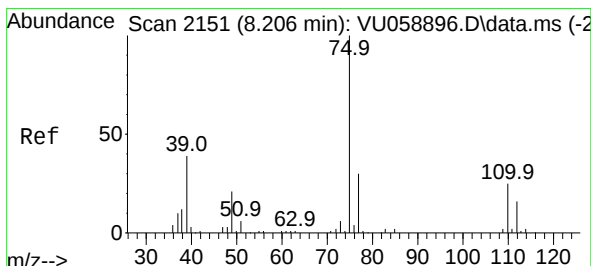
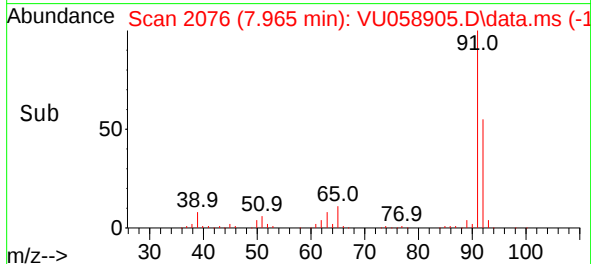
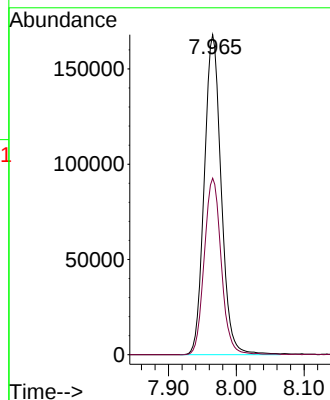
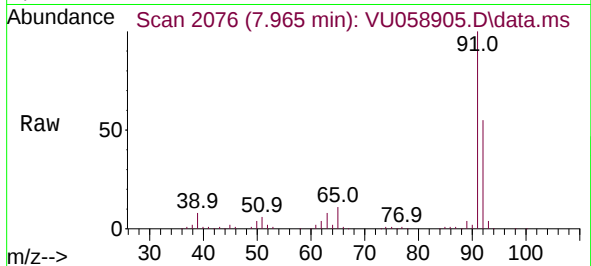
ClientSampleId :

Tgt Ion: 91 Resp: 291032

Ion Ratio Lower Upper

91 100

92 55.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.772 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU058905.D

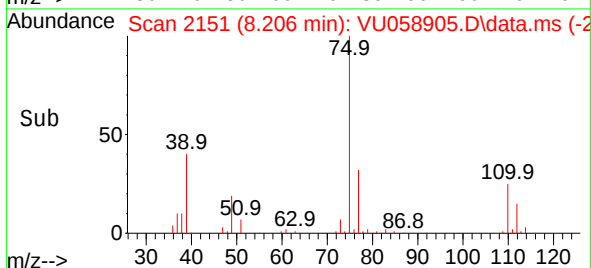
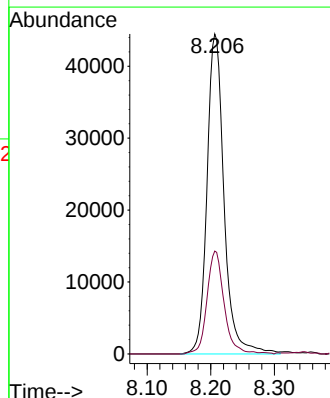
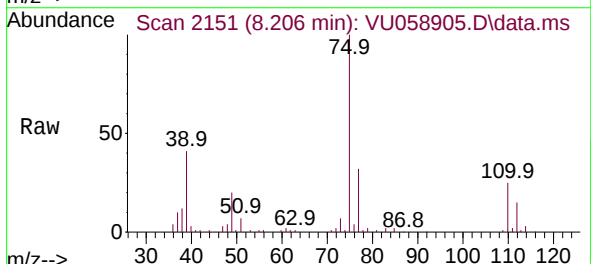
Acq: 17 May 2024 11:28

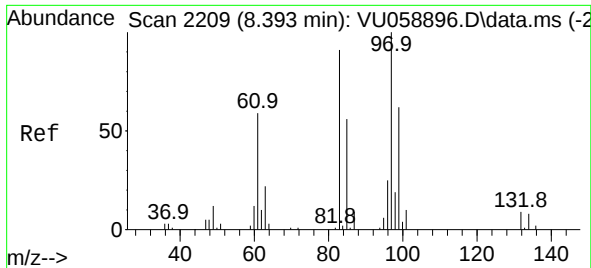
Tgt Ion: 75 Resp: 82852

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0

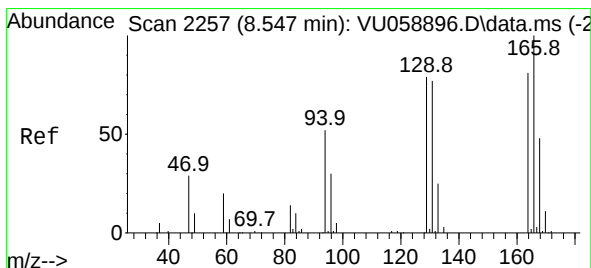
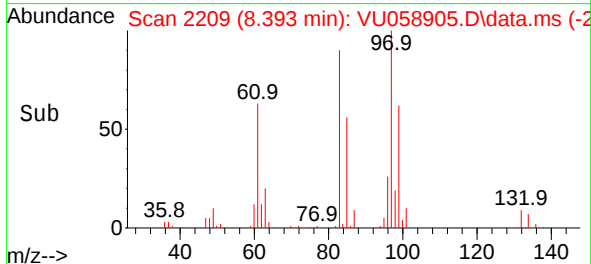
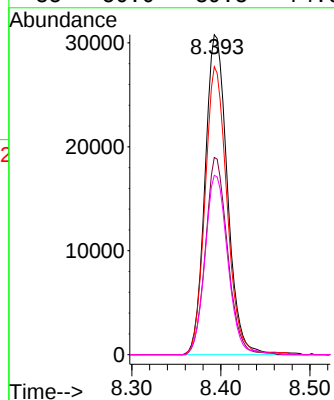
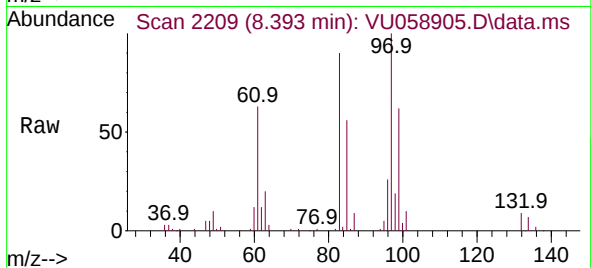




#45
1,1,2-Trichloroethane
Concen: 5.900 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

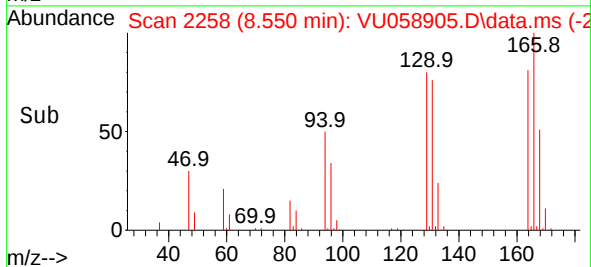
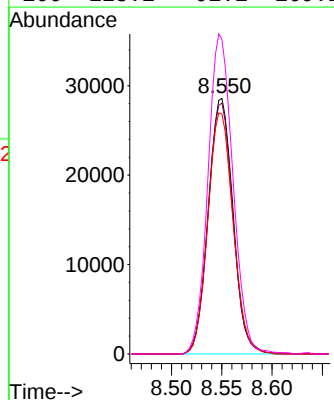
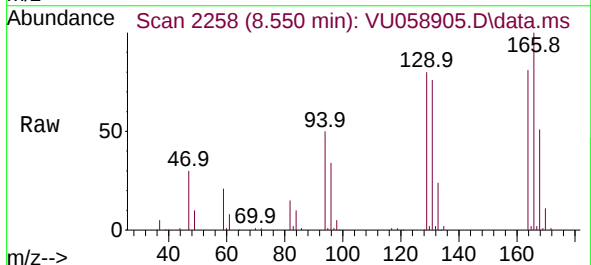
Instrument :
MSVOA_U
ClientSampleId :

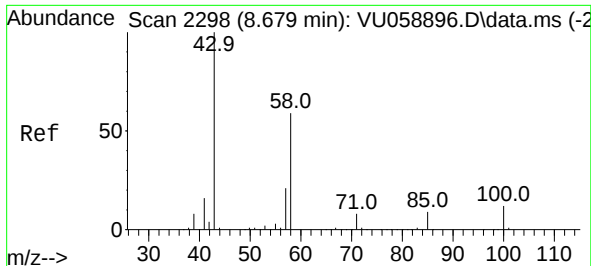
Tgt Ion:	97	Resp:	53576
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.3	80.3
83	90.0	62.3	115.7
85	56.0	39.8	74.0



#47
Tetrachloroethene
Concen: 5.707 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

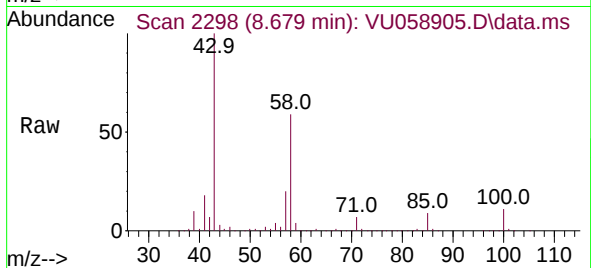
Tgt Ion:	164	Resp:	48909
Ion	Ratio	Lower	Upper
164	100		
129	98.2	70.8	131.4
131	93.9	64.8	120.3
166	123.1	91.1	169.1



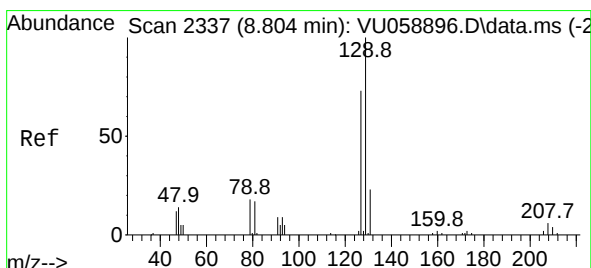
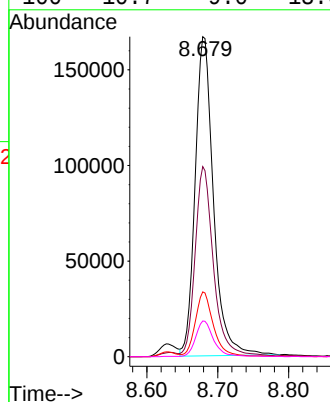
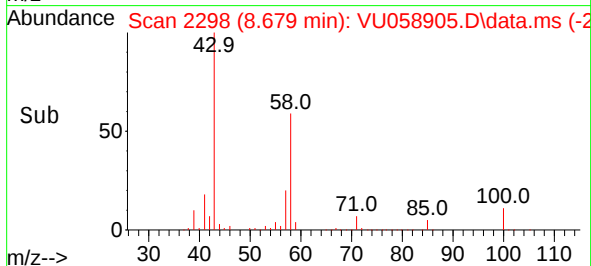


#48
2-Hexanone
Concen: 62.574 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Instrument :
MSVOA_U
ClientSampleId :

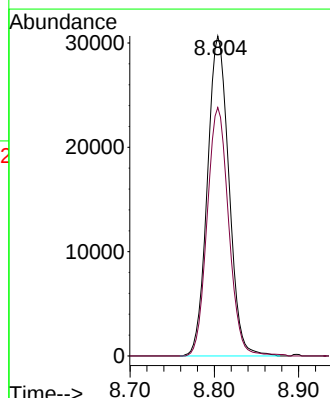
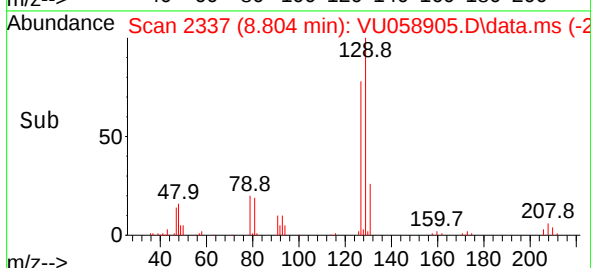
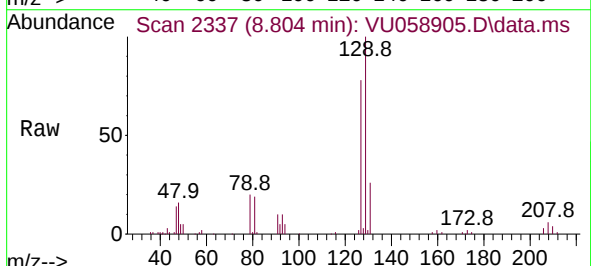


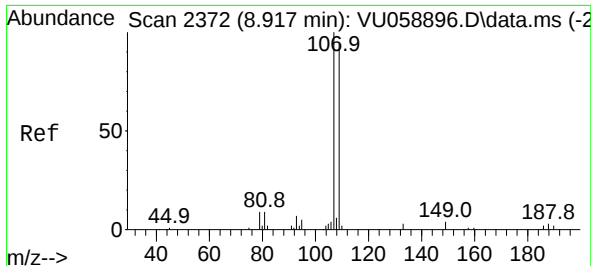
Tgt Ion: 43 Resp: 300862
Ion Ratio Lower Upper
43 100
58 58.9 46.1 69.1
57 19.5 15.5 23.3
100 10.7 9.0 13.6



#49
Dibromochloromethane
Concen: 5.689 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

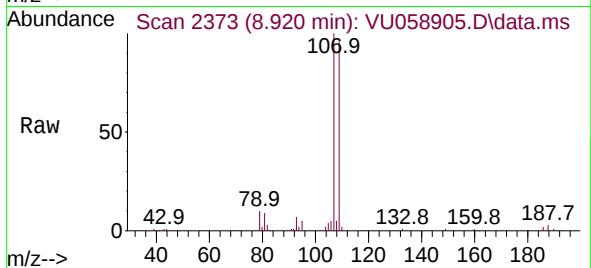
Tgt Ion: 129 Resp: 54481
Ion Ratio Lower Upper
129 100
127 77.6 52.5 97.5



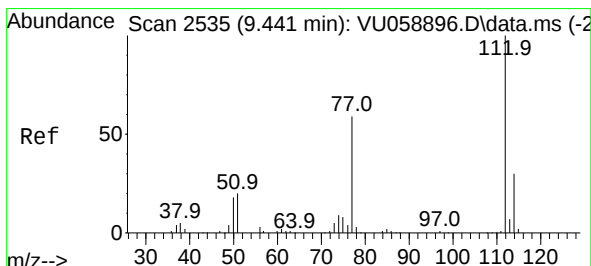
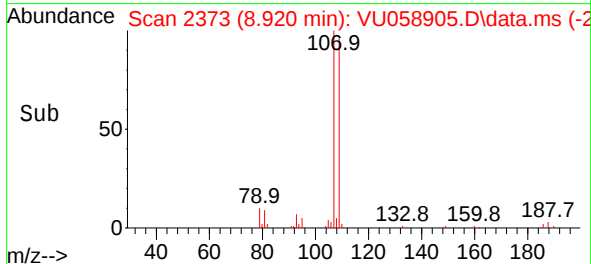
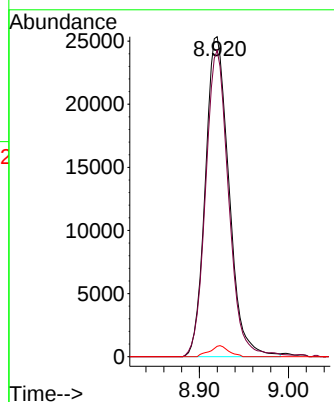


#50
1,2-Dibromoethane
Concen: 5.804 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Instrument :
MSVOA_U
ClientSampleId :

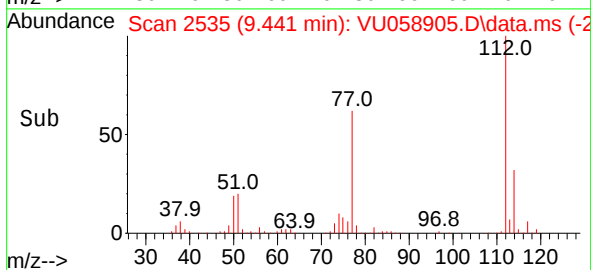
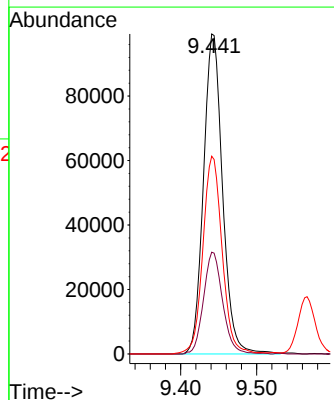
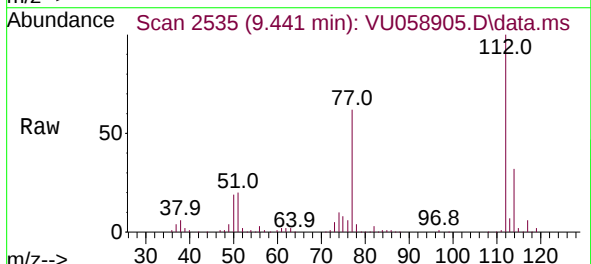


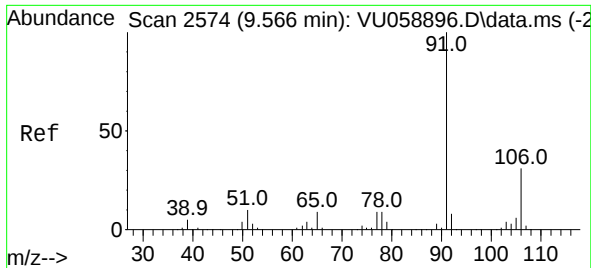
Tgt Ion:107 Resp: 46578
Ion Ratio Lower Upper
107 100
109 95.7 66.9 124.3
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 5.722 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion:112 Resp: 172964
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 61.8 49.1 73.7

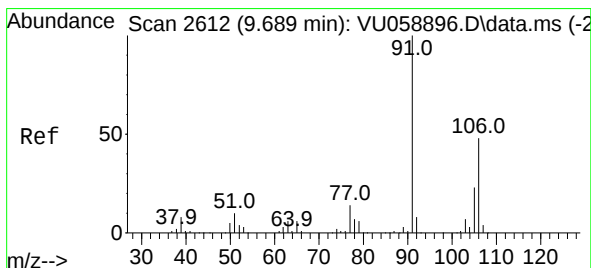
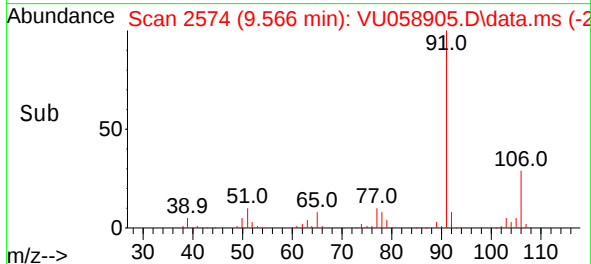
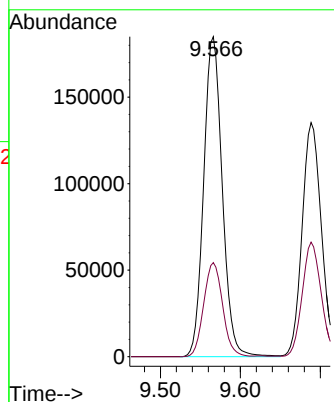
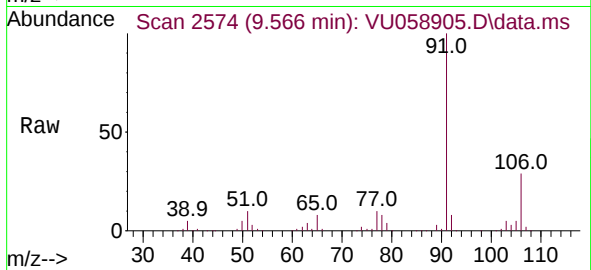




#52
Ethylbenzene
Concen: 5.850 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

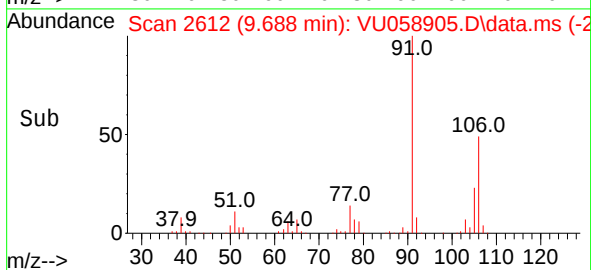
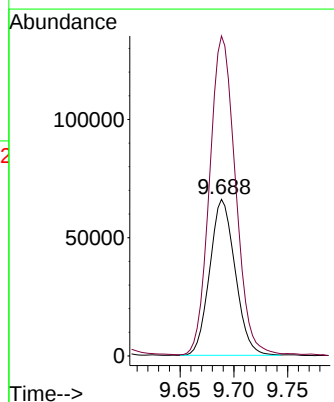
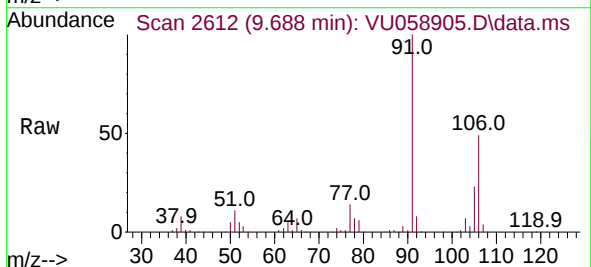
Instrument :
MSVOA_U
ClientSampleId :

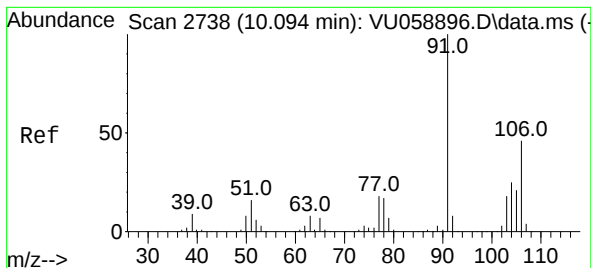
Tgt Ion: 91 Resp: 299582
Ion Ratio Lower Upper
91 100
106 29.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.789 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058905.D
Acq: 17 May 2024 11:28

Tgt Ion: 106 Resp: 108491
Ion Ratio Lower Upper
106 100
91 204.2 142.0 263.8





#54

o-Xylene

Concen: 5.782 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

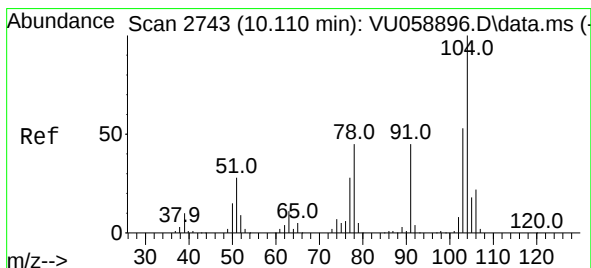
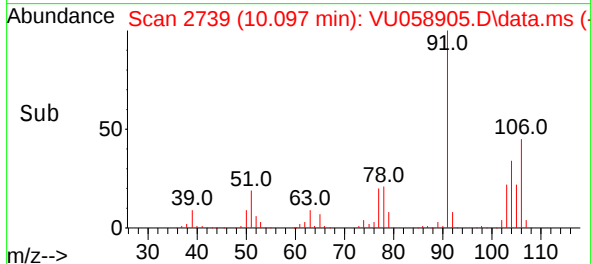
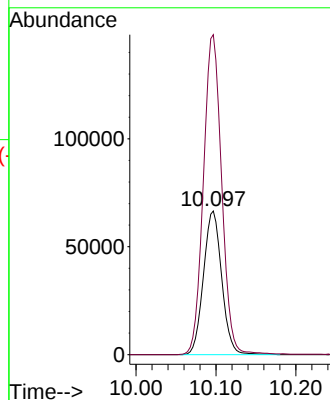
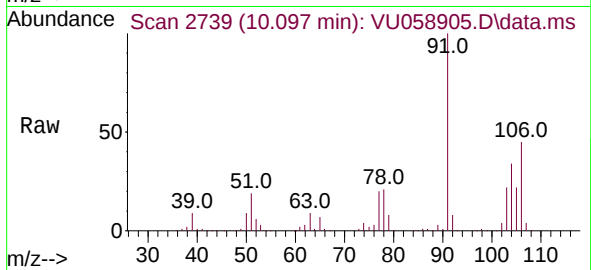
ClientSampleId :

Tgt Ion:106 Resp: 105977

Ion Ratio Lower Upper

106 100

91 222.8 151.6 281.6



#55

Styrene

Concen: 6.196 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058905.D

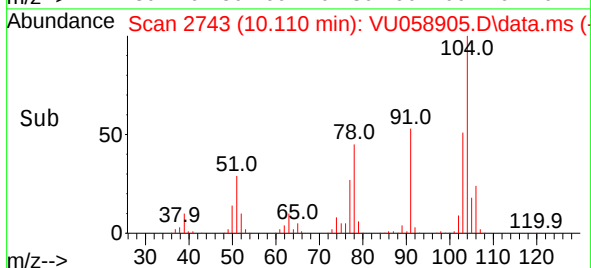
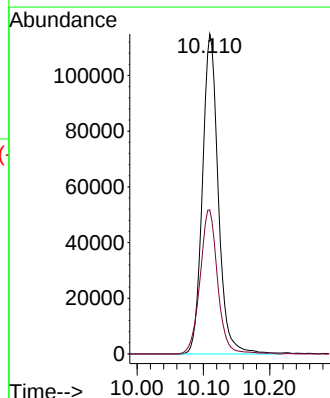
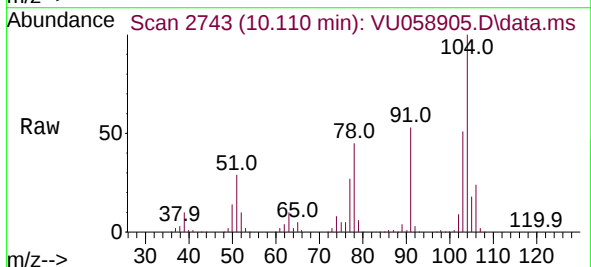
Acq: 17 May 2024 11:28

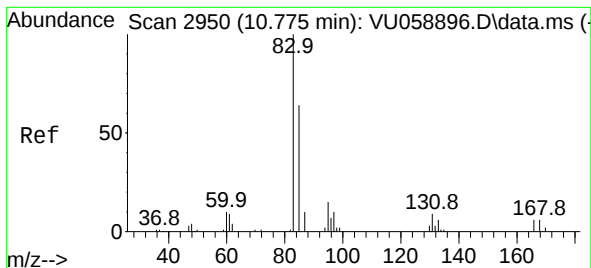
Tgt Ion:104 Resp: 191065

Ion Ratio Lower Upper

104 100

78 45.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.738 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

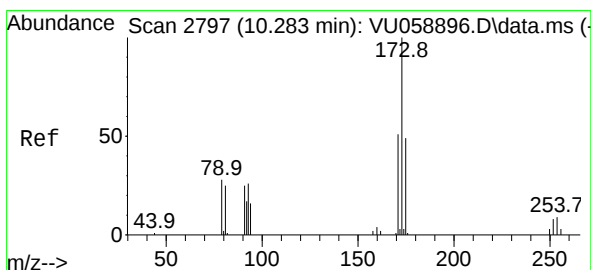
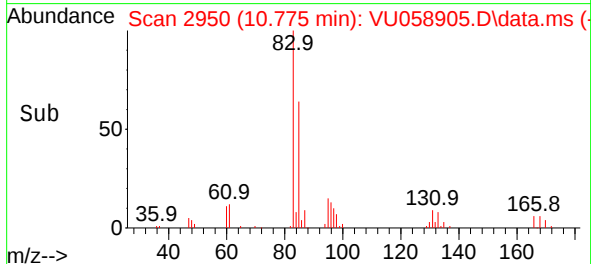
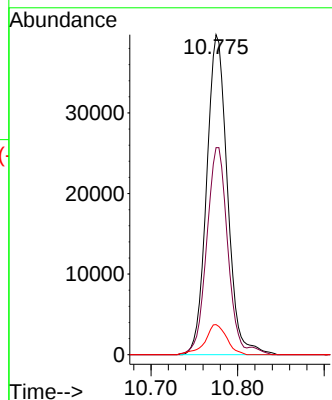
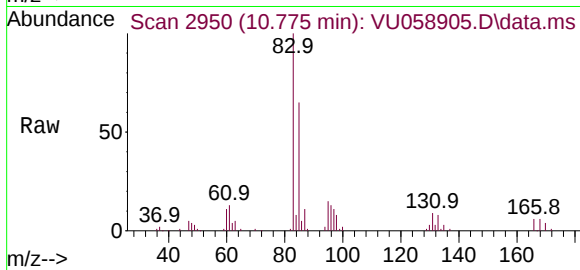
Tgt Ion: 83 Resp: 66055

Ion Ratio Lower Upper

83 100

85 64.7 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 5.730 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

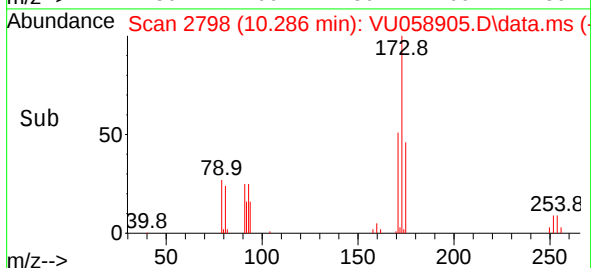
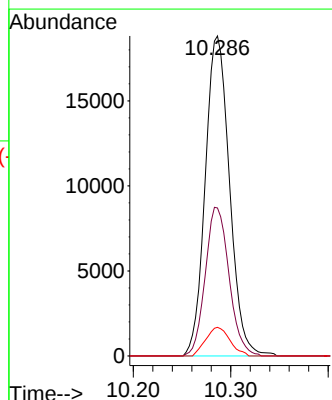
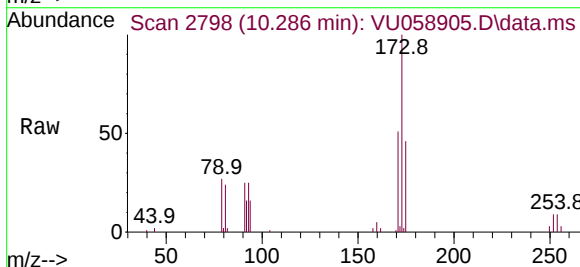
Tgt Ion:173 Resp: 32590

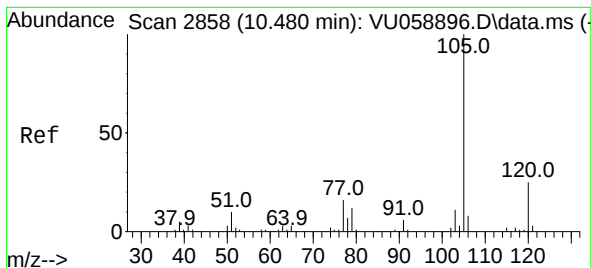
Ion Ratio Lower Upper

173 100

175 45.5 39.4 59.2

254 8.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.890 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

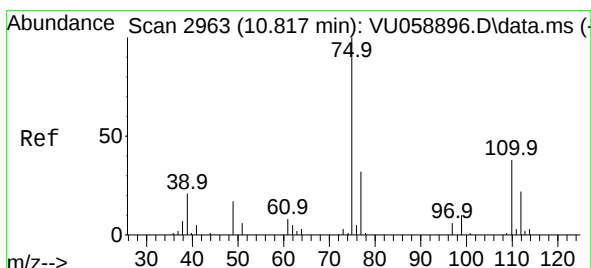
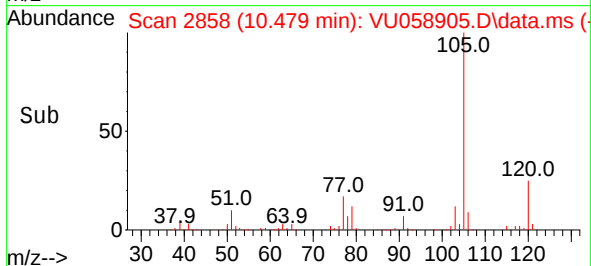
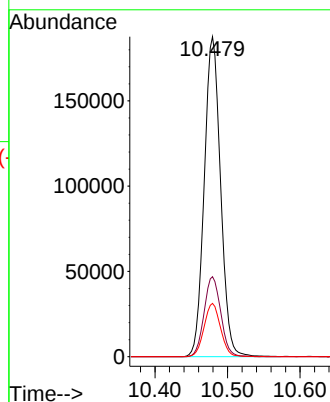
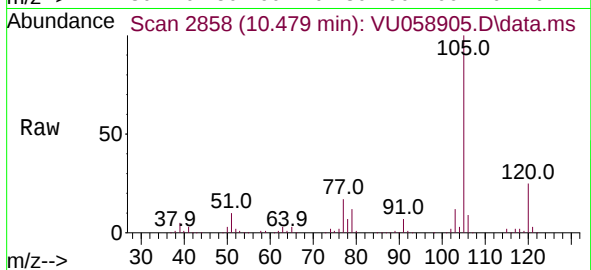
Tgt Ion:105 Resp: 293530

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.752 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

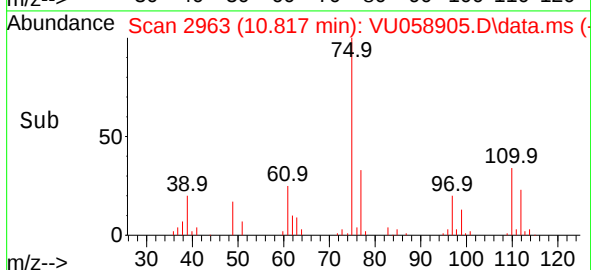
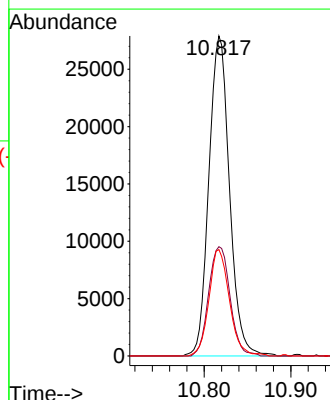
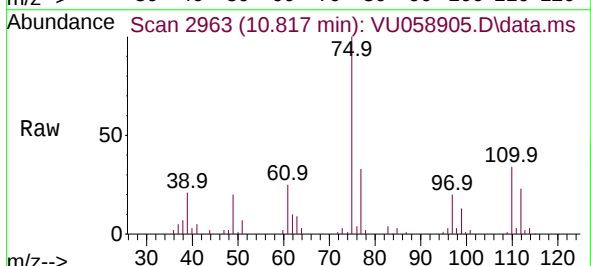
Tgt Ion: 75 Resp: 46111

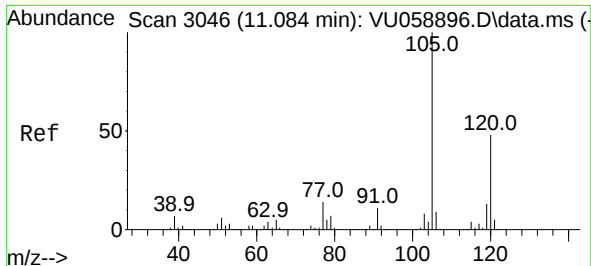
Ion Ratio Lower Upper

75 100

110 35.4 27.1 40.7

77 33.1 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.663 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

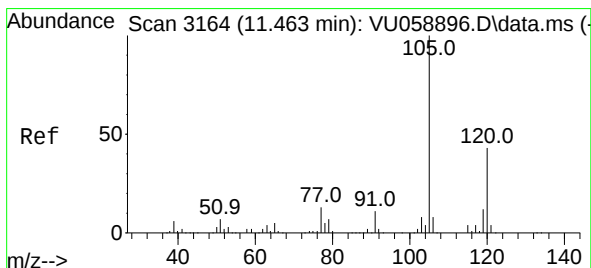
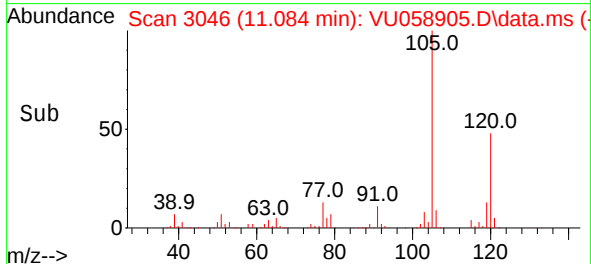
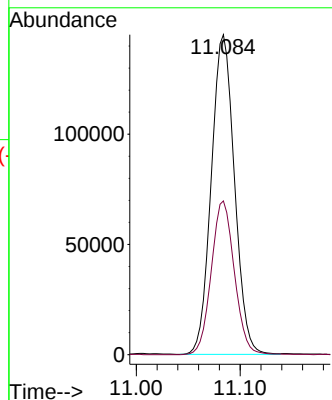
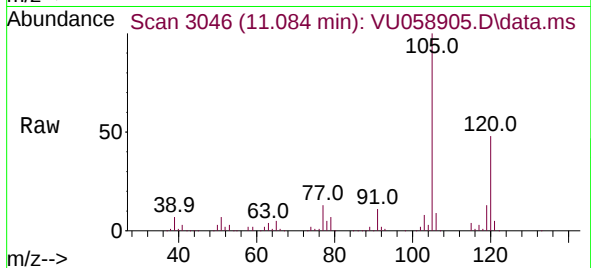
ClientSampleId :

Tgt Ion:105 Resp: 224949

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.914 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058905.D

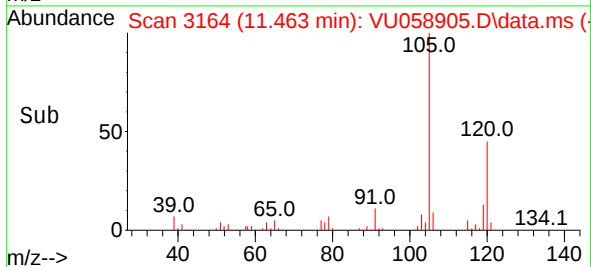
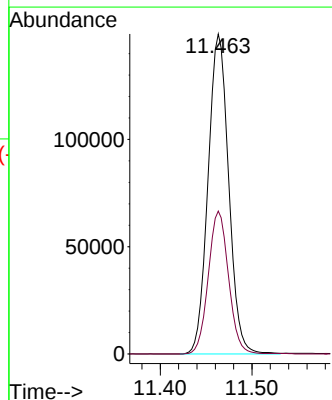
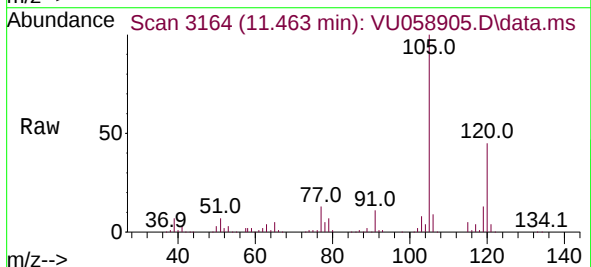
Acq: 17 May 2024 11:28

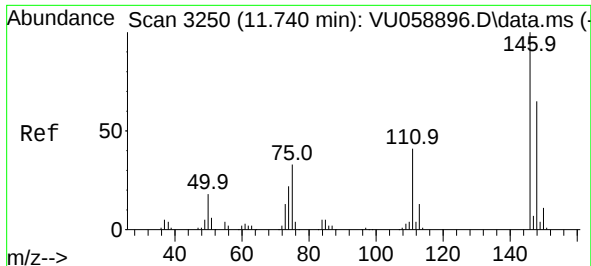
Tgt Ion:105 Resp: 232899

Ion Ratio Lower Upper

105 100

120 43.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.813 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

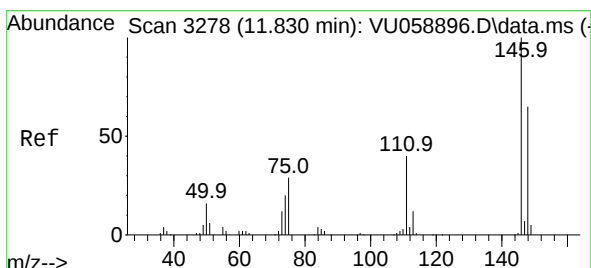
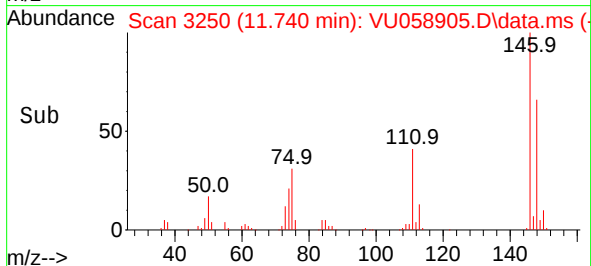
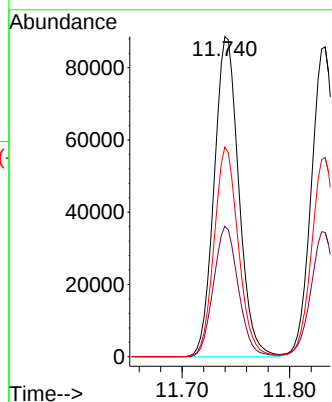
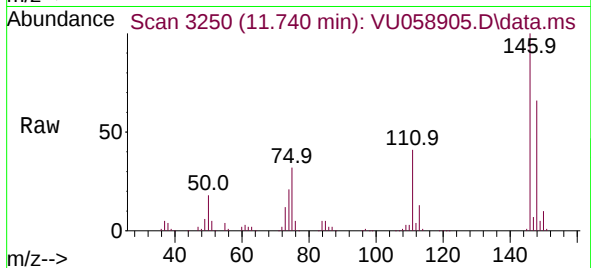
Tgt Ion:146 Resp: 140947

Ion Ratio Lower Upper

146 100

111 40.7 27.4 51.0

148 65.5 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.786 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

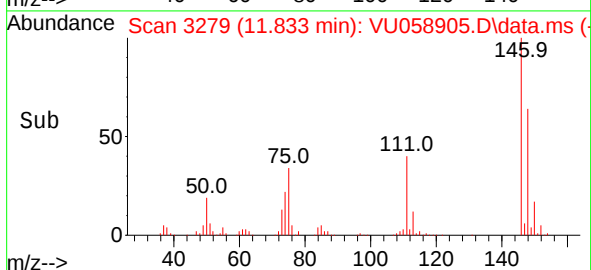
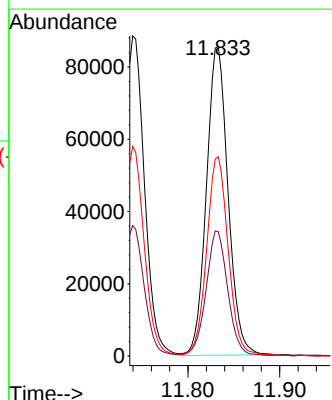
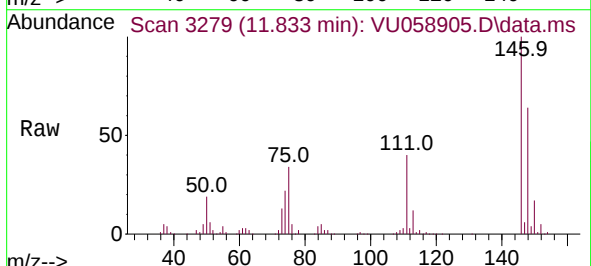
Tgt Ion:146 Resp: 140034

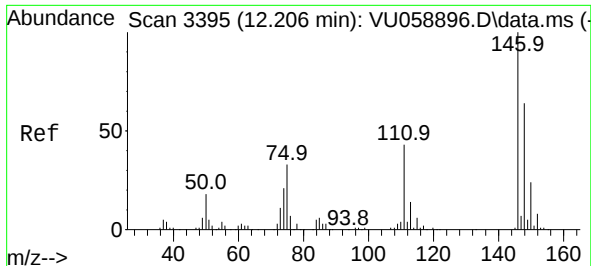
Ion Ratio Lower Upper

146 100

111 40.1 26.9 50.1

148 64.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.875 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

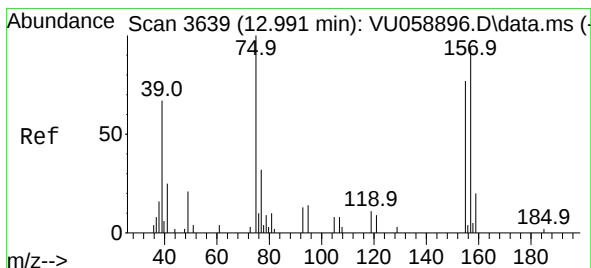
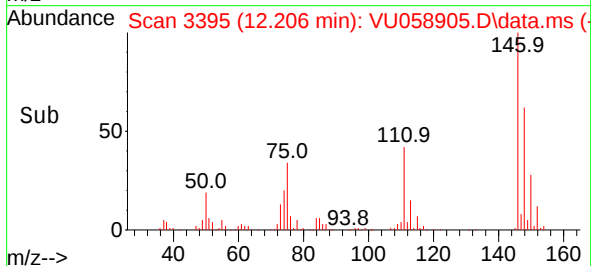
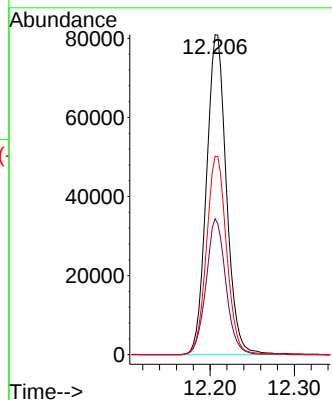
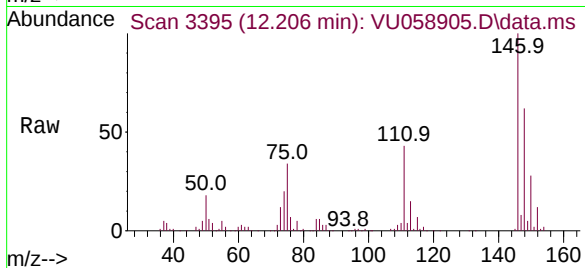
Tgt Ion:146 Resp: 133142

Ion Ratio Lower Upper

146 100

111 42.5 33.4 50.0

148 62.0 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.694 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

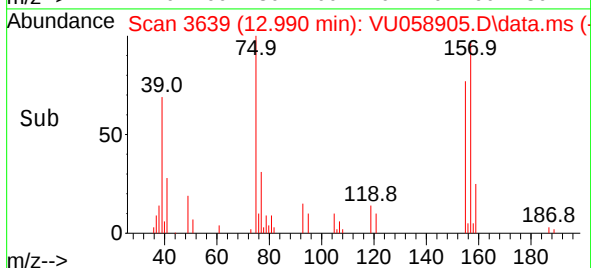
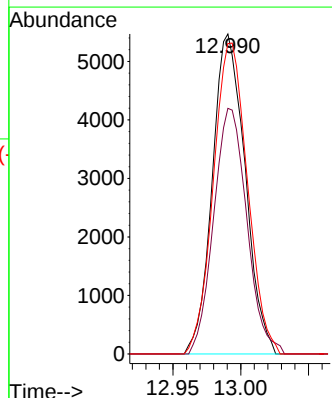
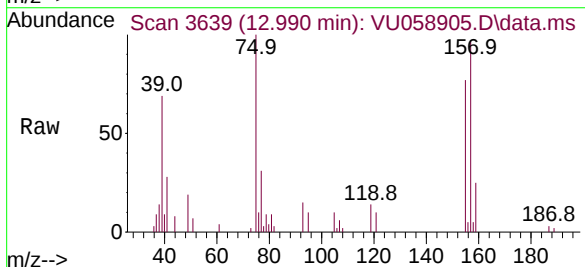
Tgt Ion: 75 Resp: 9181

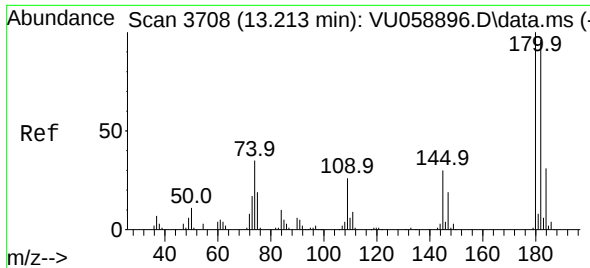
Ion Ratio Lower Upper

75 100

155 76.8 58.2 87.2

157 97.0 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.695 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

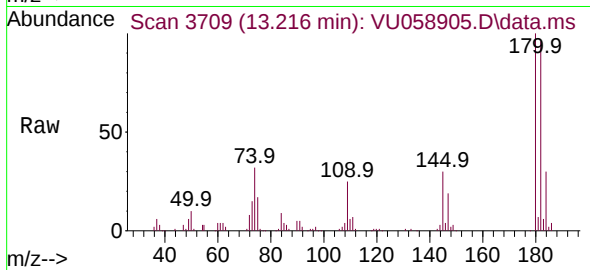
Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 103549

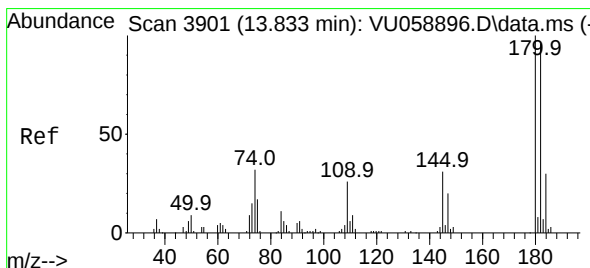
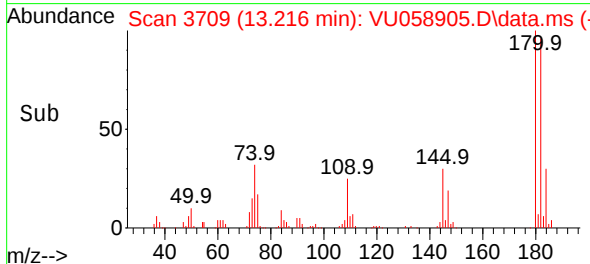
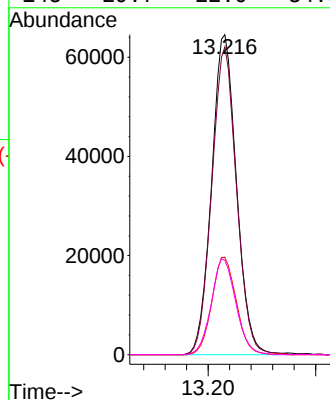
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

184 29.9 23.0 34.6

145 29.7 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.462 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

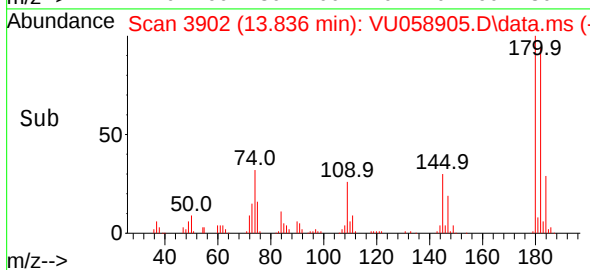
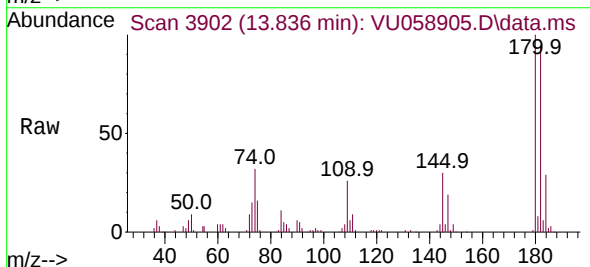
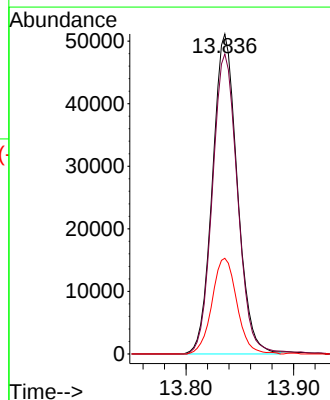
Tgt Ion:180 Resp: 81953

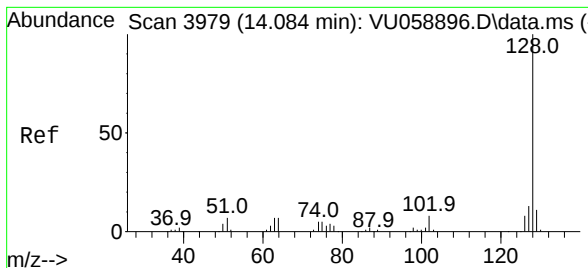
Ion Ratio Lower Upper

180 100

182 94.8 74.9 112.3

145 30.1 23.9 35.9





#71

Naphthalene

Concen: 5.024 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_U

ClientSampleId :

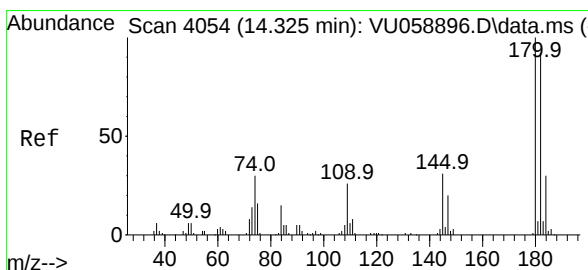
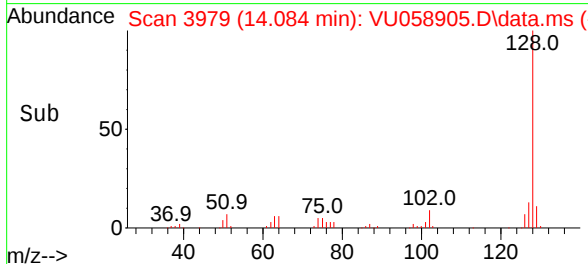
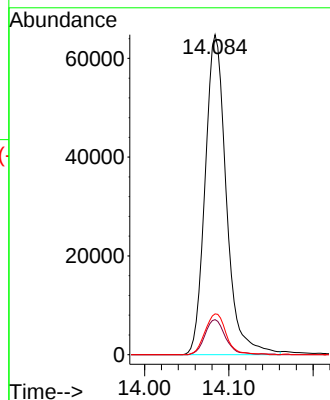
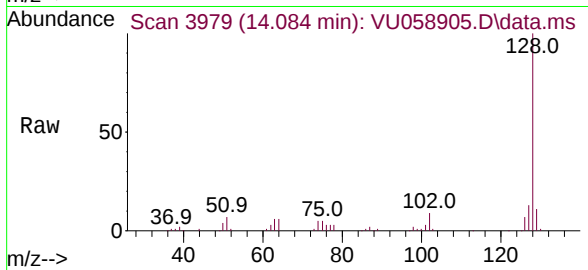
Tgt Ion:128 Resp: 113608

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.4

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.444 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU058905.D

Acq: 17 May 2024 11:28

Tgt Ion:180 Resp: 71684

Ion Ratio Lower Upper

180 100

182 98.2 77.0 115.6

145 32.3 26.2 39.4

