

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054915.D
 Acq On : 28 Aug 2023 09:44
 Operator : MD/SY
 Sample : VSTD00144
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 02:48:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 02:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	197184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6197	0.469	ug/L	0.00
7) Chloroethane-d5	1.911	69	7791	0.676	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	3451	0.615	ug/L	0.00
20) 2-Butanone-d5	4.647	46	32060	9.548	ug/L	0.02
24) Chloroform-d	5.065	84	23304	0.902	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	11950	0.878	ug/L	0.00
32) Benzene-d6	5.727	84	40160	0.829	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	13996	0.893	ug/L	0.00
41) Toluene-d8	7.897	98	38302	0.845	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	4412	0.723	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	21512	9.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	11640	0.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	15395	0.895	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10995	0.738	ug/L	98
3) Chloromethane	1.518	50	12548	0.764	ug/L	96
5) Vinyl chloride	1.602	62	12852	0.797	ug/L	98
6) Bromomethane	1.856	94	7496	0.761	ug/L	94
8) Chloroethane	1.933	64	7979	0.849	ug/L	90
9) Trichlorofluoromethane	2.136	101	17942	0.841	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	9573	0.882	ug/L	95
12) 1,1-Dichloroethene	2.576	96	8196	0.821	ug/L	93
13) Acetone	2.644	43	18756	10.673	ug/L	98
14) Carbon disulfide	2.792	76	23384	0.721	ug/L	99
15) Methyl Acetate	2.965	43	3402	0.795	ug/L #	84
16) Methylene chloride	3.042	84	15090	1.022	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	25361	1.041	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	8920	0.860	ug/L	91
19) 1,1-Dichloroethane	3.869	63	19293	0.944	ug/L	97
21) 2-Butanone	4.734	43	26030	9.766	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	10275	0.884	ug/L	94
23) Bromochloromethane	4.972	128	4659	0.922	ug/L	86
25) Chloroform	5.087	83	21605	1.000	ug/L	94
27) 1,2-Dichloroethane	5.798	62	13977	1.018	ug/L	98
29) 1,1,1-Trichloroethane	5.316	97	17738	0.964	ug/L	97
30) Cyclohexane	5.386	56	14959	0.908	ug/L	95
31) Carbon tetrachloride	5.521	117	14782	0.903	ug/L	99
33) Benzene	5.772	78	41468	0.960	ug/L	100
34) Trichloroethene	6.544	95	12024	0.990	ug/L	98
35) Methylcyclohexane	6.762	83	17152	1.004	ug/L	95
37) 1,2-Dichloropropane	6.791	63	11558	1.007	ug/L #	97
38) Bromodichloromethane	7.103	83	15082	1.031	ug/L	86
39) cis-1,3-Dichloropropene	7.608	75	15947	0.933	ug/L	100
40) 4-Methyl-2-pentanone	7.795	43	66721	10.475	ug/L	99
42) Toluene	7.968	91	44632	0.970	ug/L	100
44) trans-1,3-Dichloropropene	8.213	75	12781	0.879	ug/L	94

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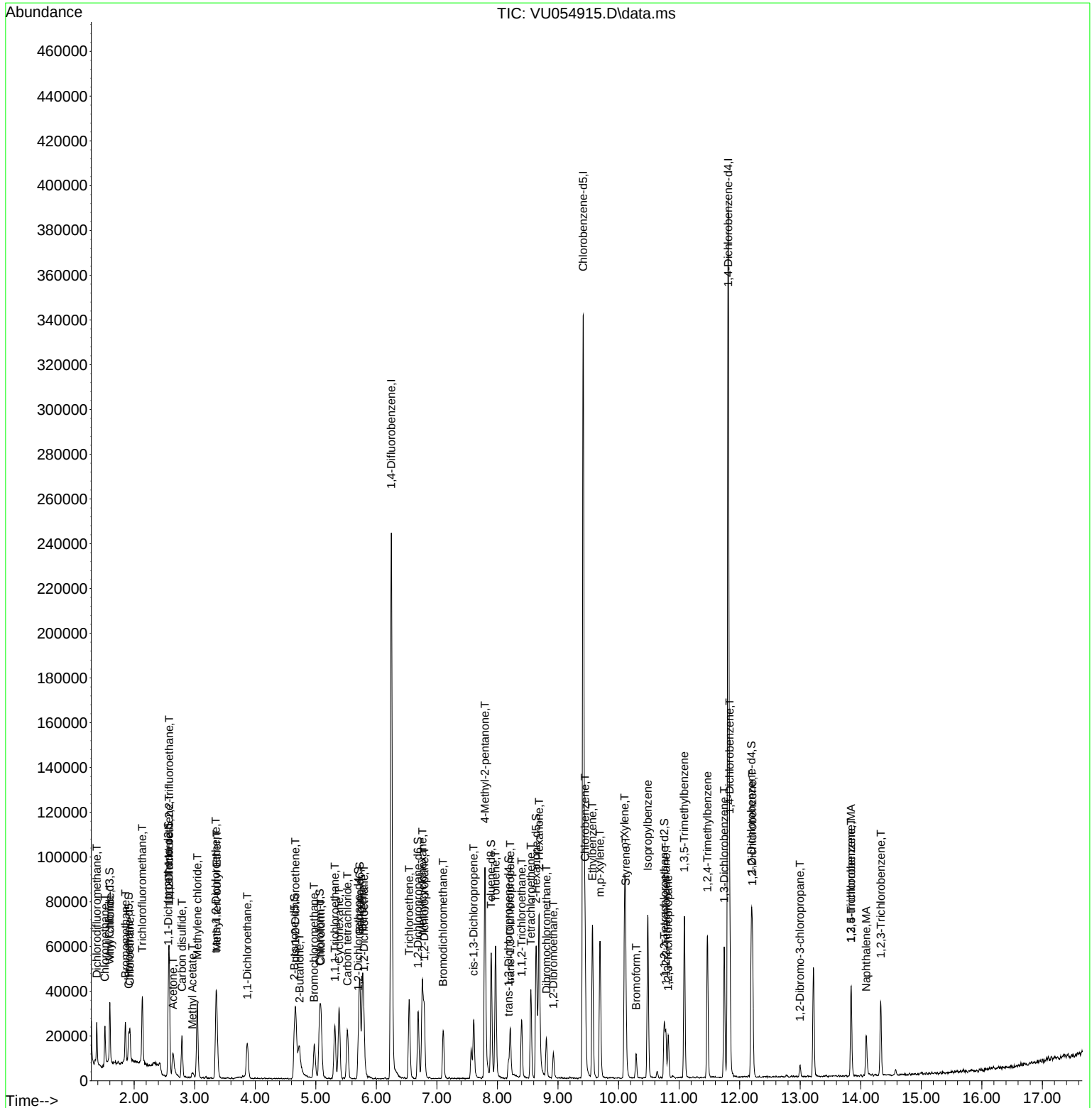
Quant Time: Aug 29 02:48:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 02:45:22 2023
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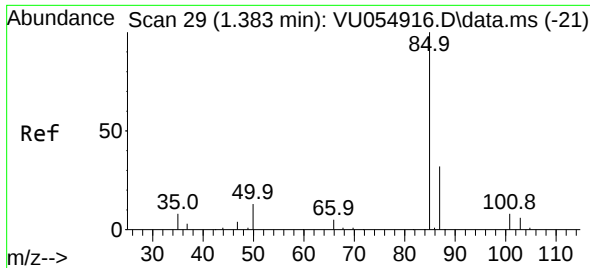
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.402	97	8031	0.977	ug/L	96
47) Tetrachloroethene	8.553	164	8119	0.853	ug/L	94
48) 2-Hexanone	8.688	43	47601	10.400	ug/L	94
49) Dibromochloromethane	8.807	129	9411	1.011	ug/L	83
50) 1,2-Dibromoethane	8.923	107	7518	0.971	ug/L #	98
51) Chlorobenzene	9.447	112	29241	0.987	ug/L	93
52) Ethylbenzene	9.569	91	50437	1.005	ug/L	98
53) m,p-Xylene	9.695	106	18096	0.951	ug/L	98
54) o-Xylene	10.100	106	17350	0.975	ug/L	98
55) Styrene	10.119	104	27478	0.916	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	9792	0.991	ug/L	91
59) Bromoform	10.293	173	4863	0.857	ug/L #	97
60) Isopropylbenzene	10.483	105	47778	0.984	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	7399	1.007	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	40394	0.991	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	35188	0.910	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	23583	0.982	ug/L	95
65) 1,4-Dichlorobenzene	11.836	146	23014	0.965	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	20985	0.950	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	1616	0.923	ug/L	90
69) 1,3,5-Trichlorobenzene	13.839	180	11771	0.672	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	11771	0.842	ug/L	98
71) Naphthalene	14.090	128	17337	0.794	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	9387	0.763	ug/L	99

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

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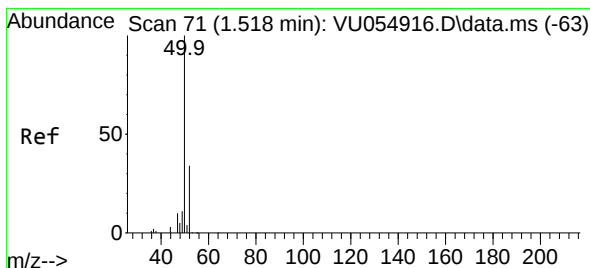
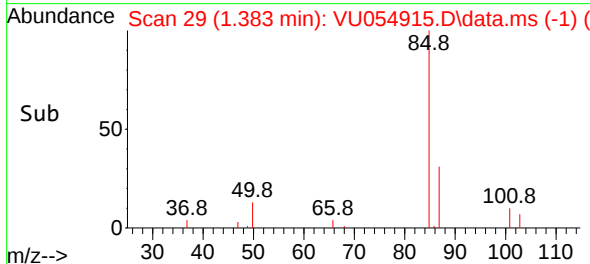
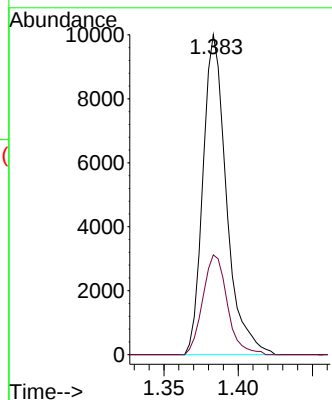
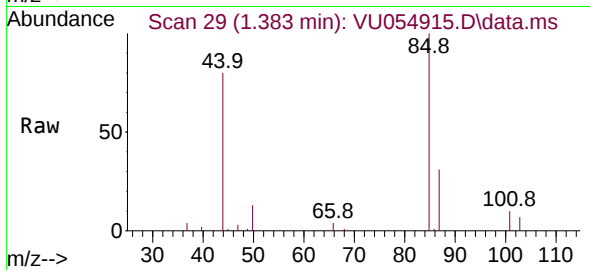




#2
 Dichlorodifluoromethane
 Concen: 0.738 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054915.D
 Acq: 28 Aug 2023 09:44

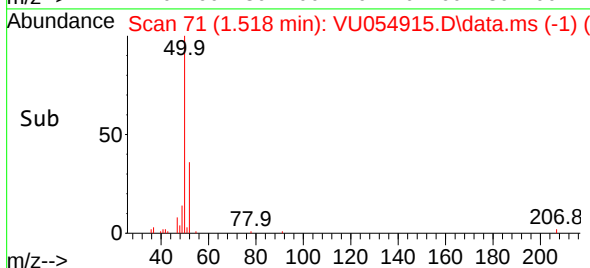
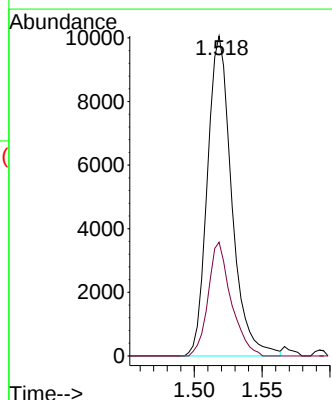
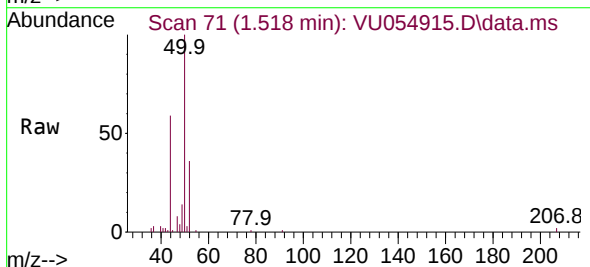
Instrument :
 MSVOA_U
 ClientSampleId :

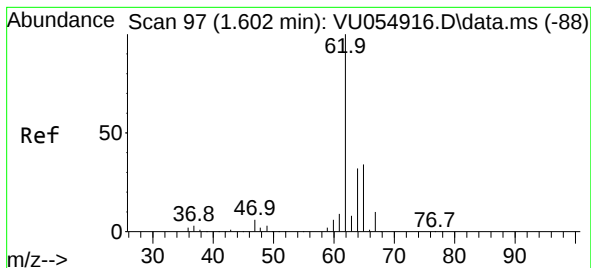
Tgt Ion: 85 Resp: 10995
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.0



#3
 Chloromethane
 Concen: 0.764 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054915.D
 Acq: 28 Aug 2023 09:44

Tgt Ion: 50 Resp: 12548
 Ion Ratio Lower Upper
 50 100
 52 35.6 23.4 43.6





#5

Vinyl chloride

Concen: 0.797 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

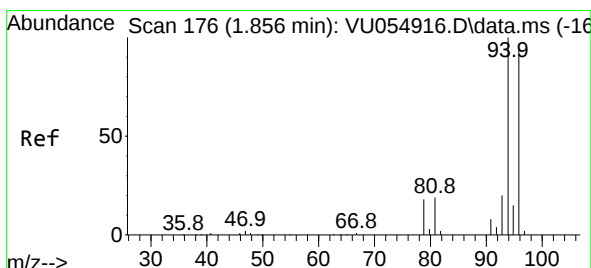
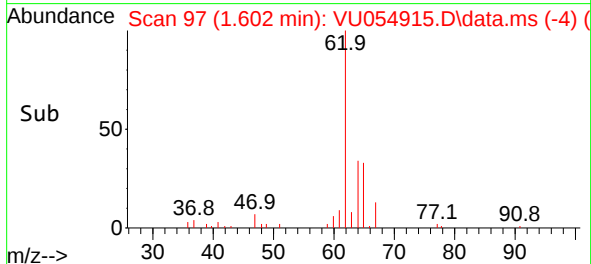
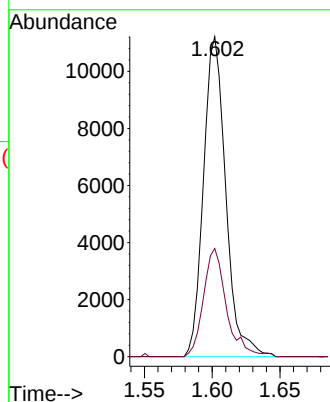
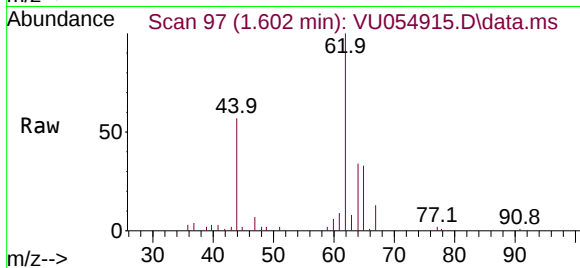
ClientSampleId :

Tgt Ion: 62 Resp: 12852

Ion Ratio Lower Upper

62 100

64 33.8 22.7 42.1



#6

Bromomethane

Concen: 0.761 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU054915.D

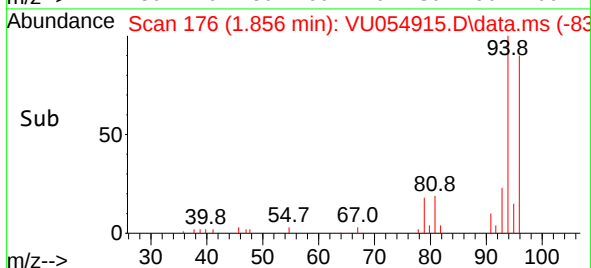
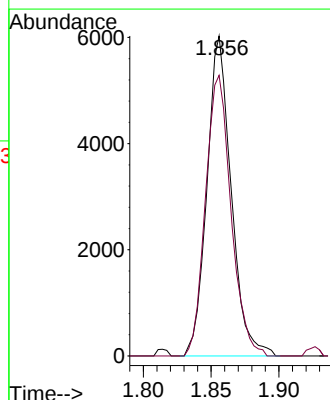
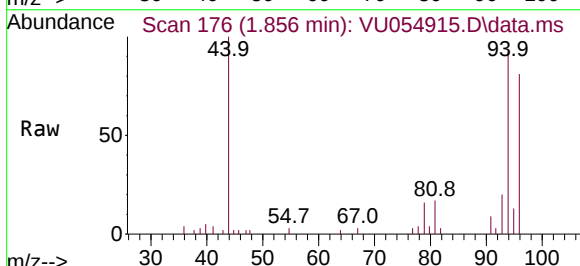
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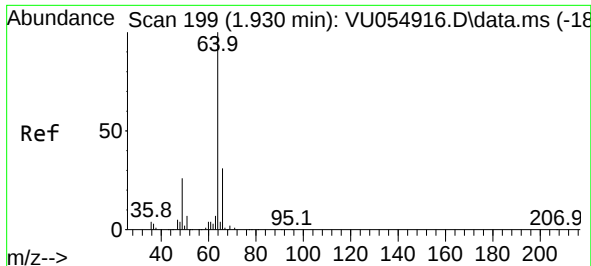
Tgt Ion: 94 Resp: 7496

Ion Ratio Lower Upper

94 100

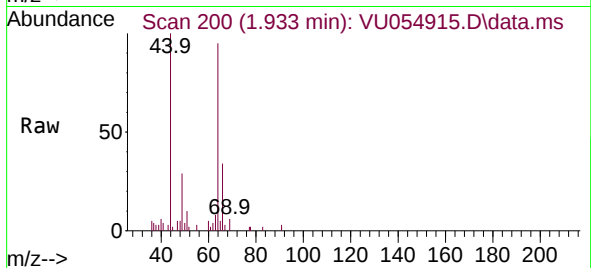
96 87.7 65.5 121.7



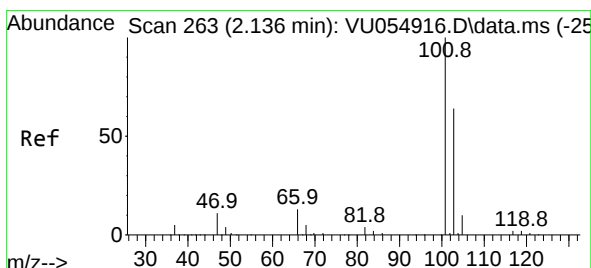
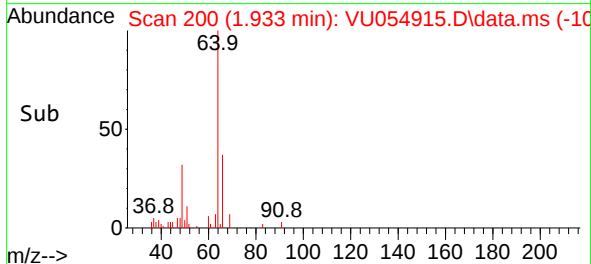
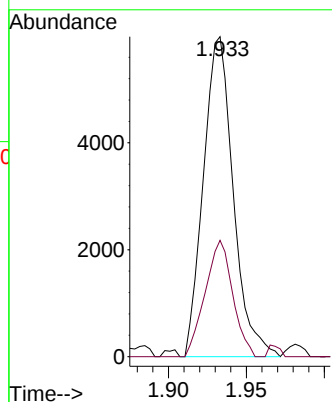


#8
Chloroethane
Concen: 0.849 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Instrument :
MSVOA_U
ClientSampleId :

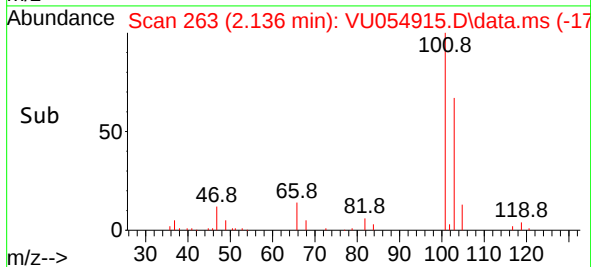
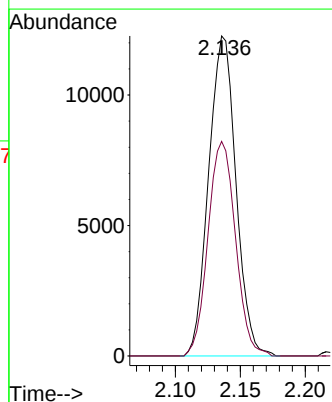
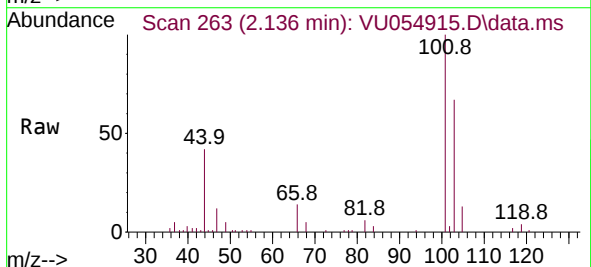


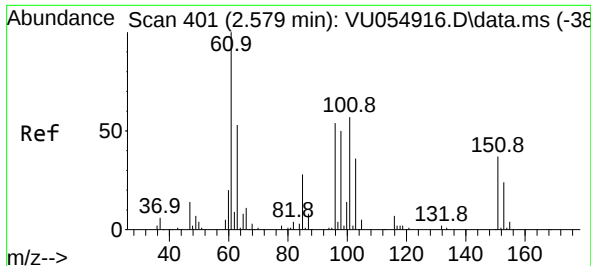
Tgt Ion: 64 Resp: 7979
Ion Ratio Lower Upper
64 100
66 36.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 0.841 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 101 Resp: 17942
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.4





#10

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

Concen: 0.882 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU054915.D

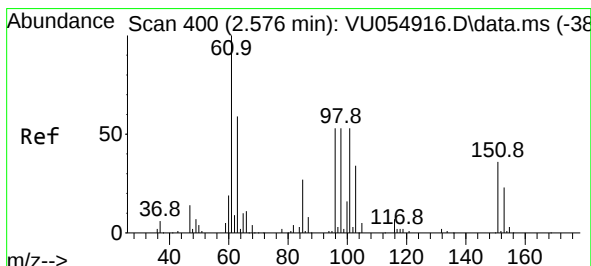
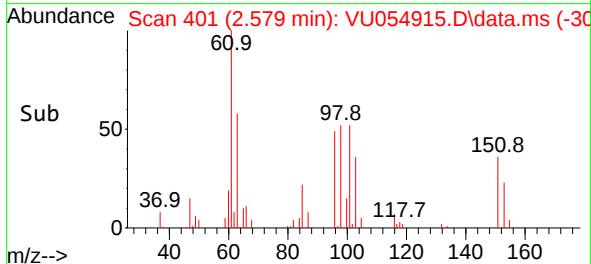
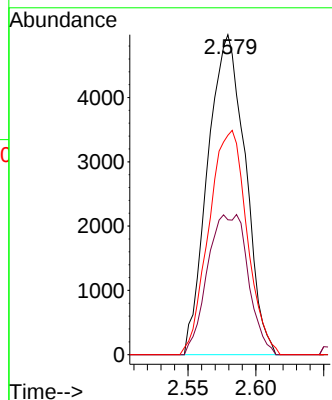
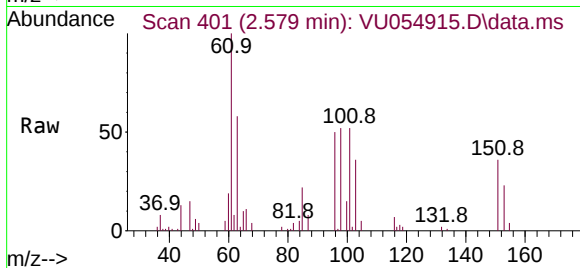
Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	9573
Ion	Ratio	Lower	Upper
101	100		
85	47.4	38.3	57.5
151	71.3	51.5	77.3



#12

1,1-Dichloroethene

Concen: 0.821 ug/L

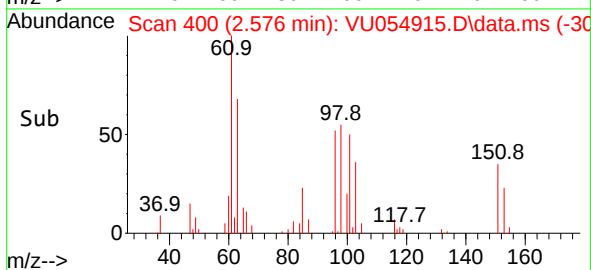
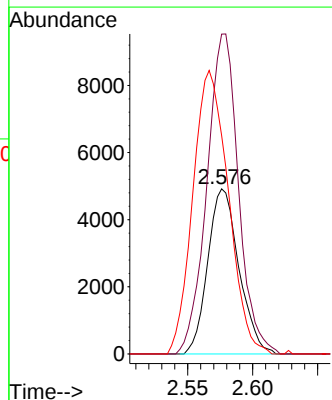
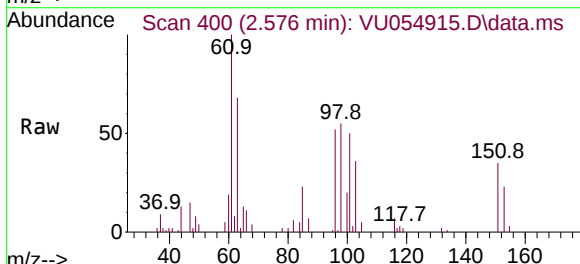
RT: 2.576 min Scan# 400

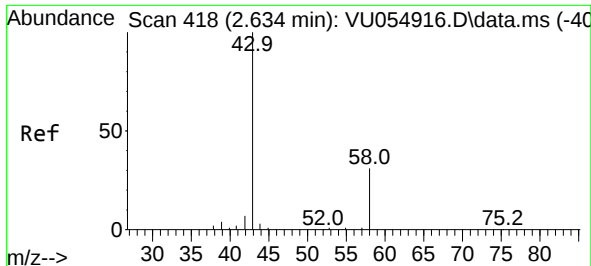
Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Tgt Ion:	96	Resp:	8196
Ion	Ratio	Lower	Upper
96	100		
61	193.7	132.4	245.8
63	132.3	82.5	153.1





#13

Acetone

Concen: 10.673 ug/L

RT: 2.644 min Scan# 418

Delta R.T. 0.010 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

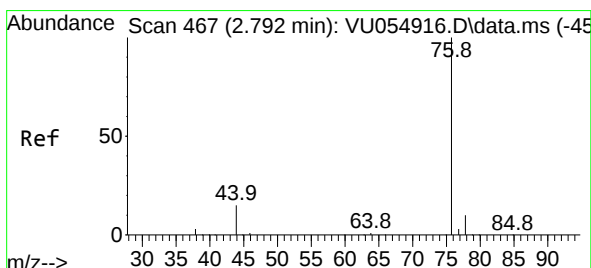
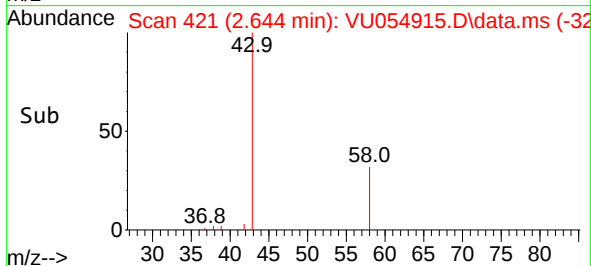
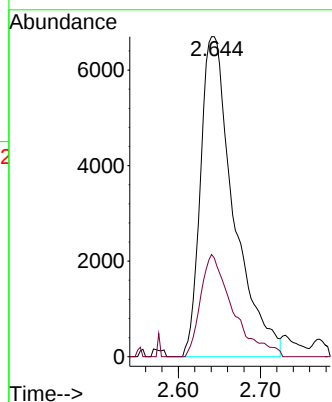
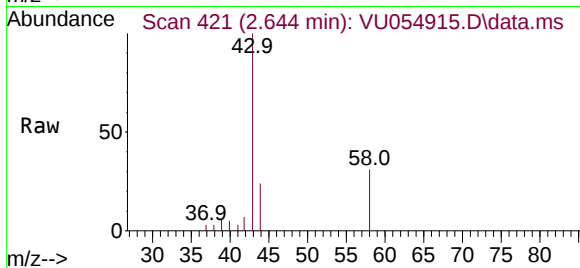
ClientSampleId :

Tgt Ion: 43 Resp: 18756

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.4



#14

Carbon disulfide

Concen: 0.721 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU054915.D

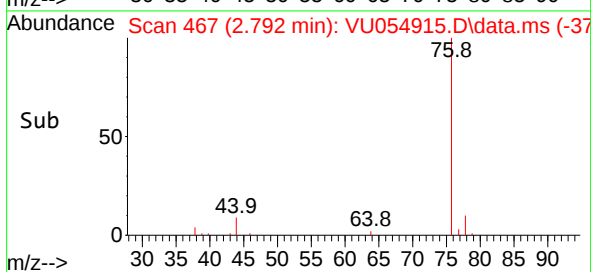
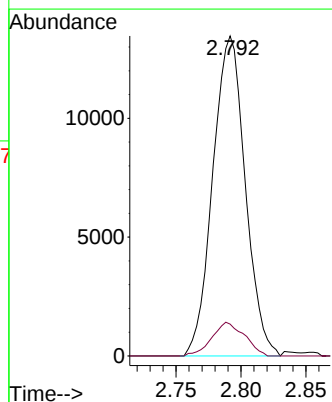
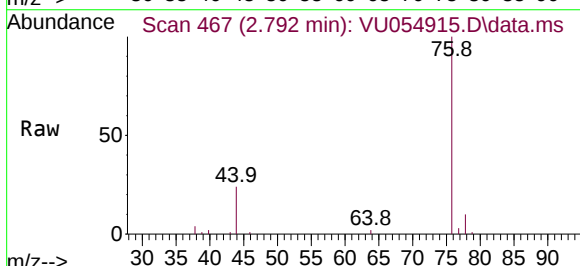
Acq: 28 Aug 2023 09:44

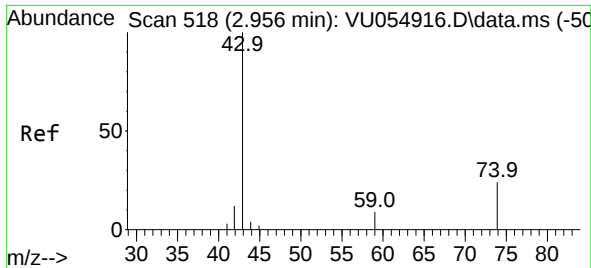
Tgt Ion: 76 Resp: 23384

Ion Ratio Lower Upper

76 100

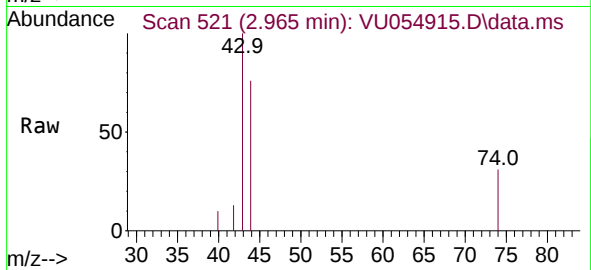
78 10.0 8.2 12.2



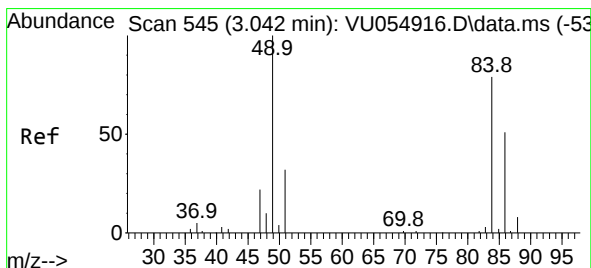
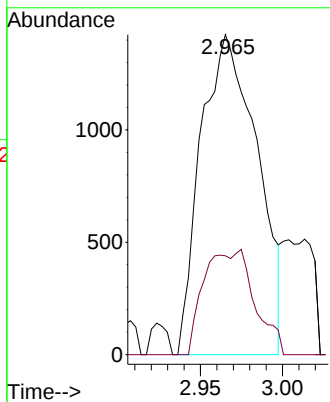
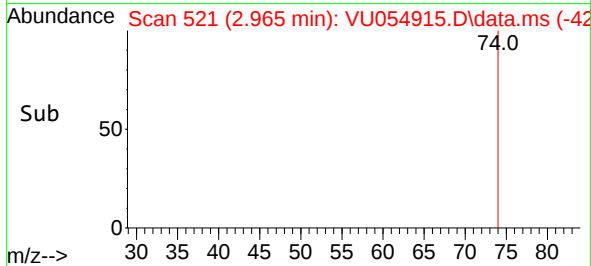


#15
Methyl Acetate
Concen: 0.795 ug/L
RT: 2.965 min Scan# 518
Delta R.T. 0.010 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Instrument :
MSVOA_U
ClientSampleId :

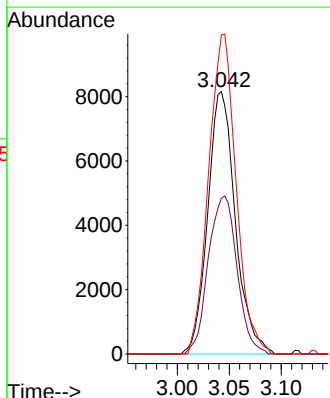
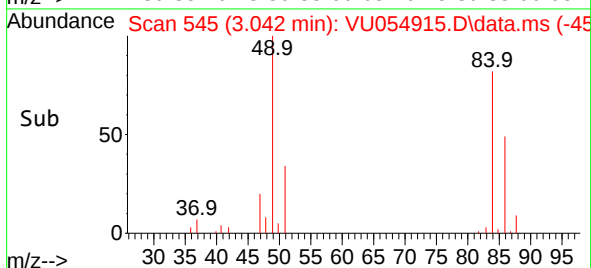
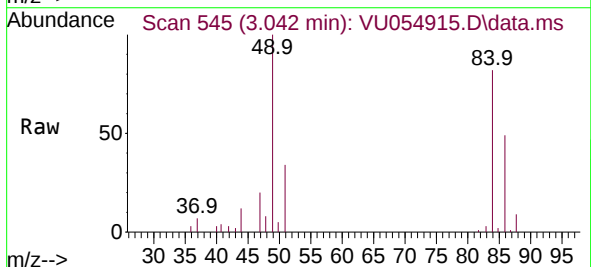


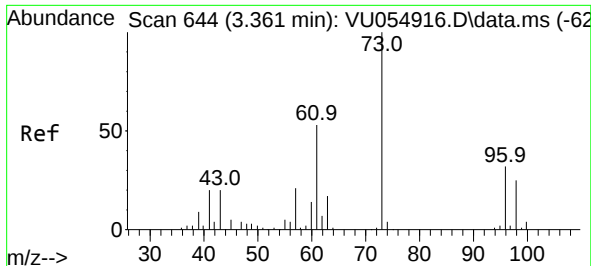
Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
74 16.5 19.5 29.3#



#16
Methylene chloride
Concen: 1.022 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 84 Resp: 15090
Ion Ratio Lower Upper
84 100
86 59.4 45.1 83.7
49 127.2 89.5 166.3

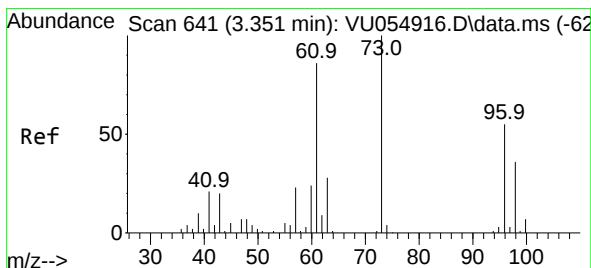
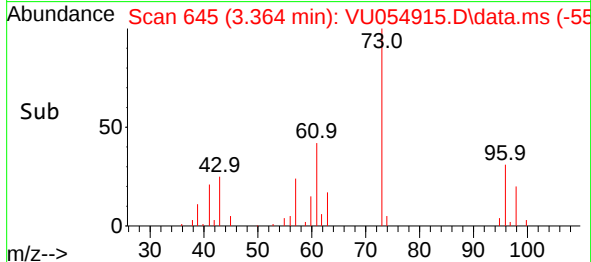
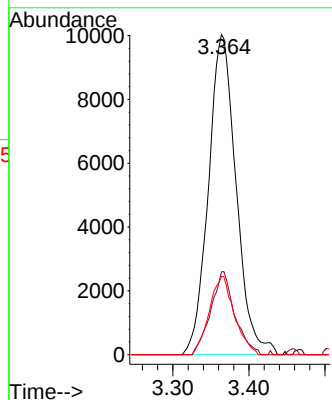
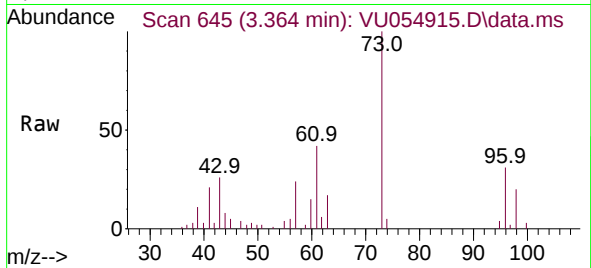




#17
Methyl tert-butyl Ether
Concen: 1.041 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

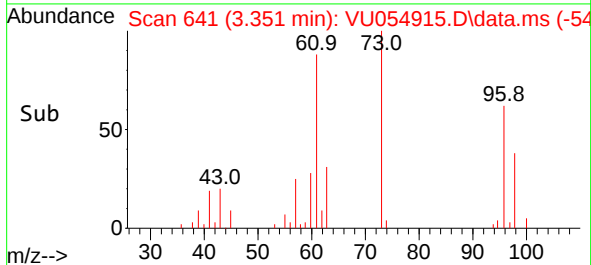
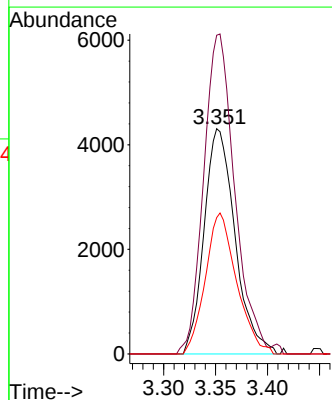
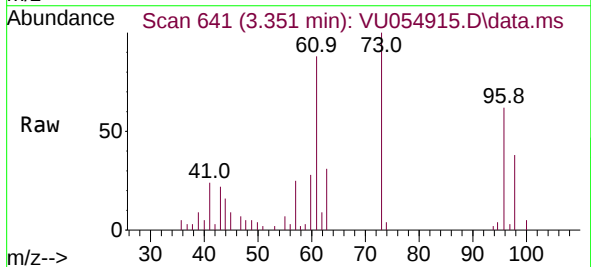
Instrument :
MSVOA_U
ClientSampleId :

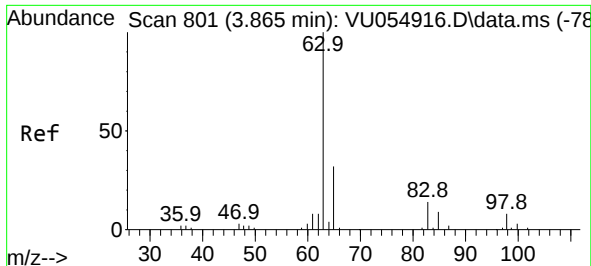
Tgt Ion: 73 Resp: 25361
Ion Ratio Lower Upper
73 100
43 22.5 16.2 24.2
57 22.2 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.860 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 96 Resp: 8920
Ion Ratio Lower Upper
96 100
61 141.5 108.8 202.0
98 60.5 45.8 85.2





#19

1,1-Dichloroethane

Concen: 0.944 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU054915.D

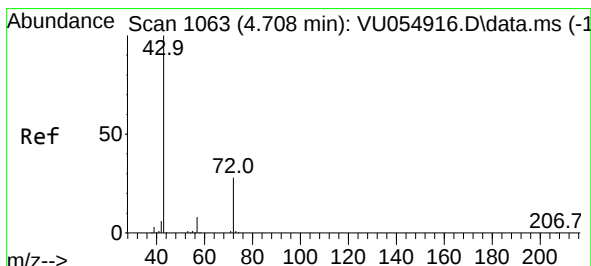
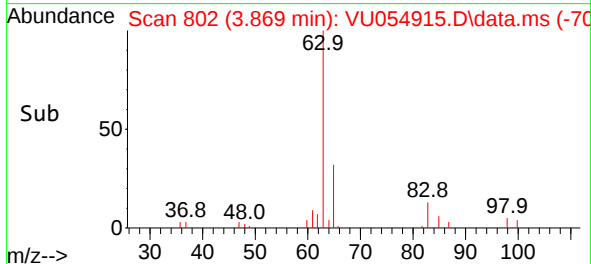
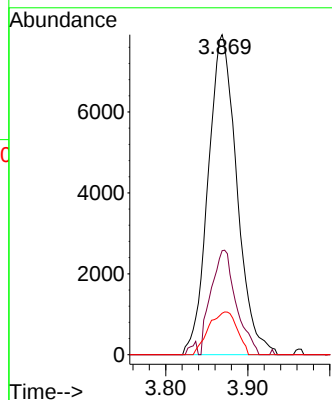
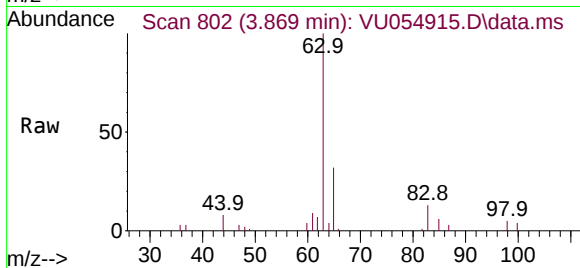
Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	19293
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.7
83	13.0	9.5	17.7



#21

2-Butanone

Concen: 9.766 ug/L

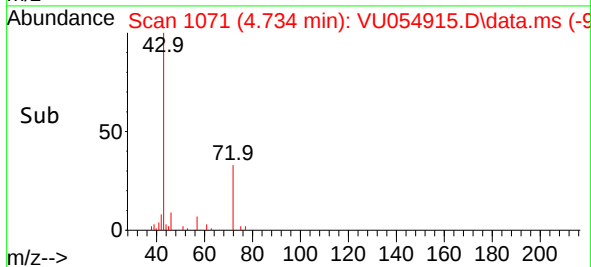
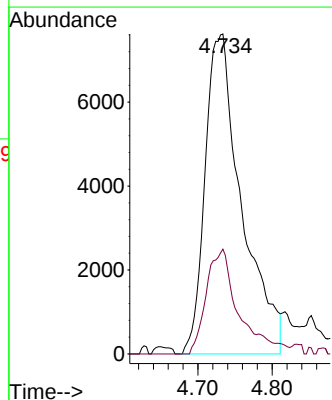
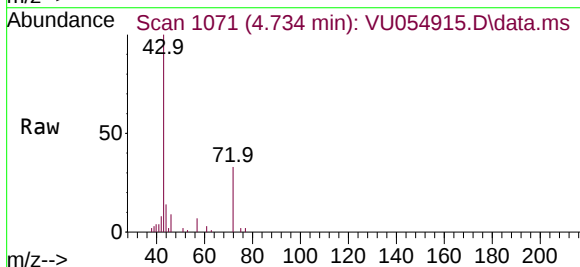
RT: 4.734 min Scan# 1071

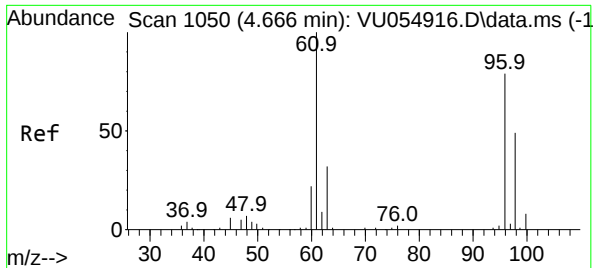
Delta R.T. 0.026 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Tgt Ion:	43	Resp:	26030
Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.1	42.3

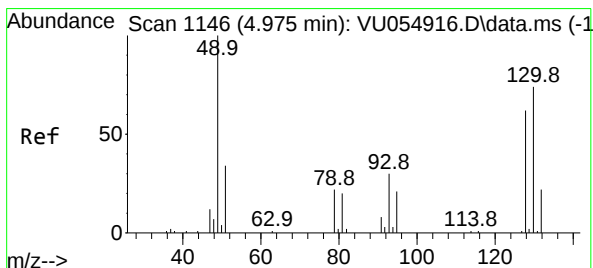
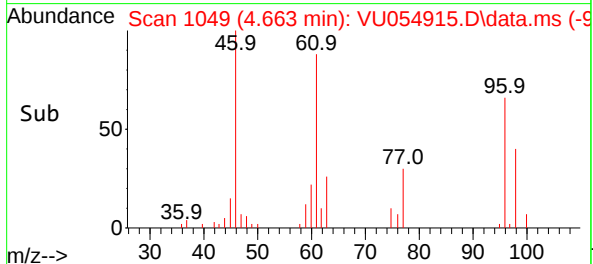
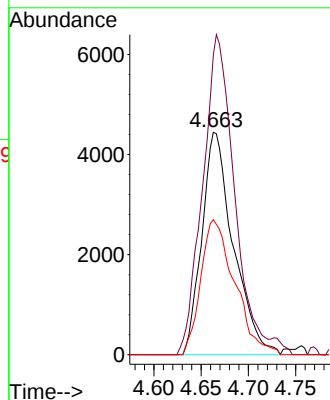
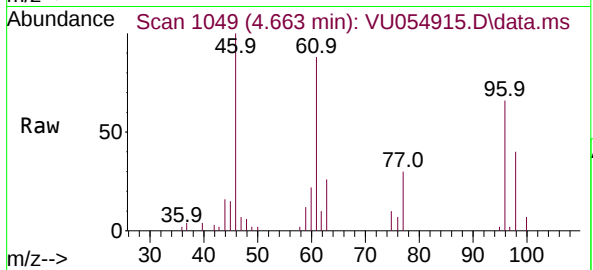




#22
 cis-1,2-Dichloroethene
 Concen: 0.884 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054915.D
 Acq: 28 Aug 2023 09:44

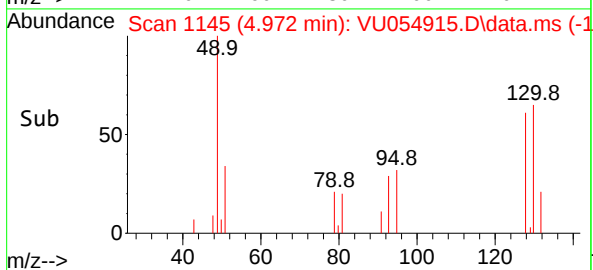
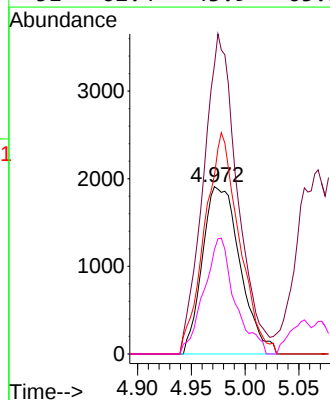
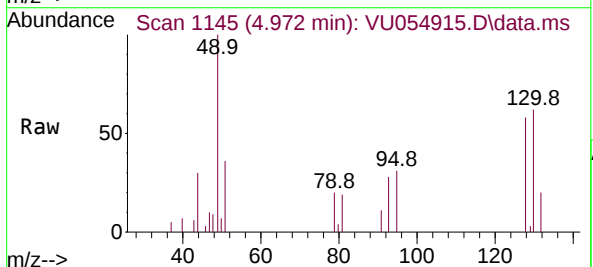
Instrument :
 MSVOA_U
 ClientSampleId :

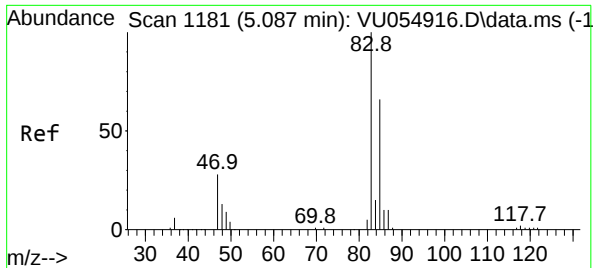
Tgt Ion:	96	Resp:	10275
Ion	Ratio	Lower	Upper
96	100		
61	134.7	88.4	164.2
98	60.7	44.0	81.6



#23
 Bromochloromethane
 Concen: 0.922 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU054915.D
 Acq: 28 Aug 2023 09:44

Tgt Ion:	128	Resp:	4659
Ion	Ratio	Lower	Upper
128	100		
49	184.3	113.8	211.3
130	106.6	83.9	155.7
51	62.4	43.9	65.9

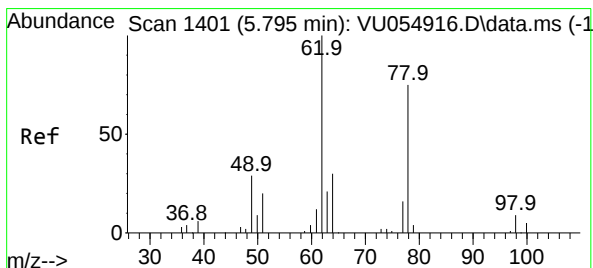
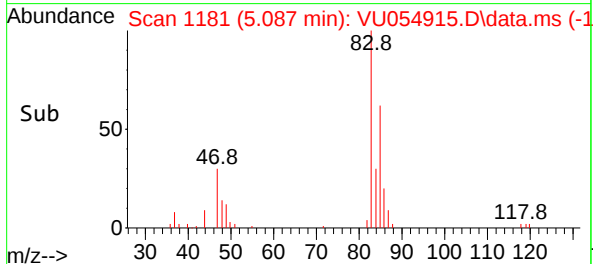
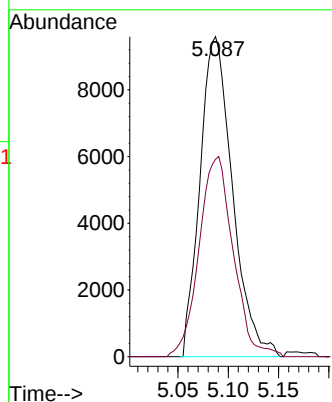
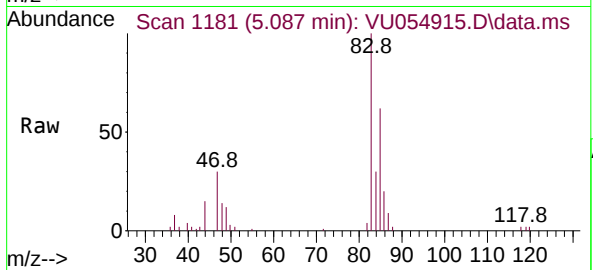




#25
Chloroform
Concen: 1.000 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

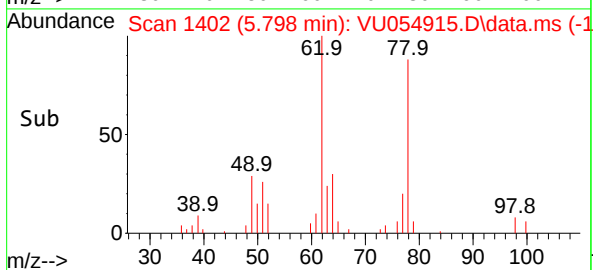
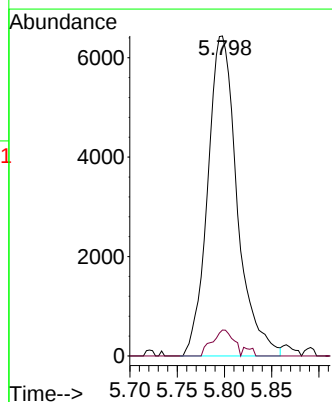
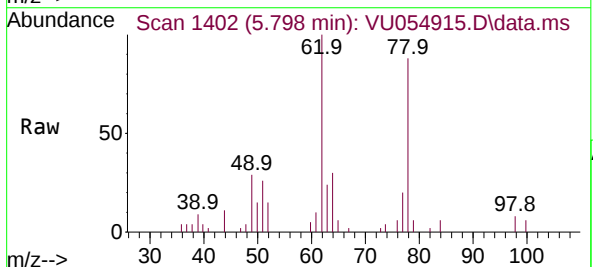
Instrument :
MSVOA_U
ClientSampleId :

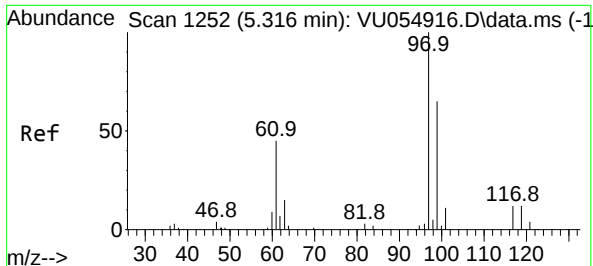
Tgt Ion: 83 Resp: 21605
Ion Ratio Lower Upper
83 100
85 61.7 46.7 86.7



#27
1,2-Dichloroethane
Concen: 1.018 ug/L
RT: 5.798 min Scan# 1402
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 62 Resp: 13977
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.6

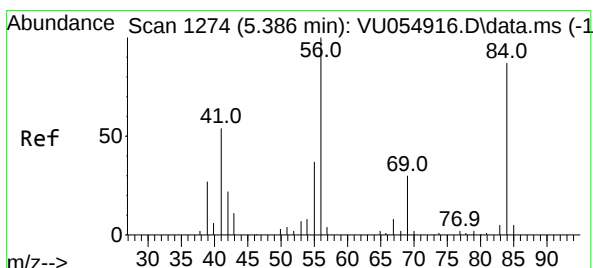
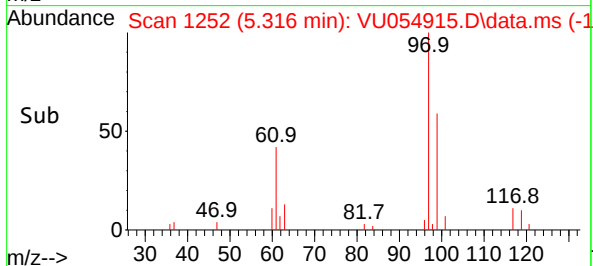
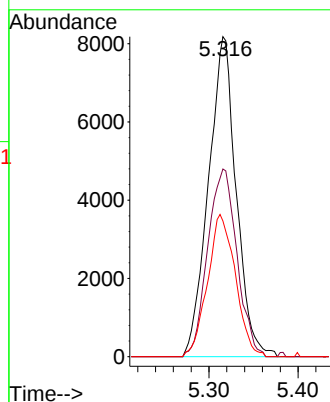
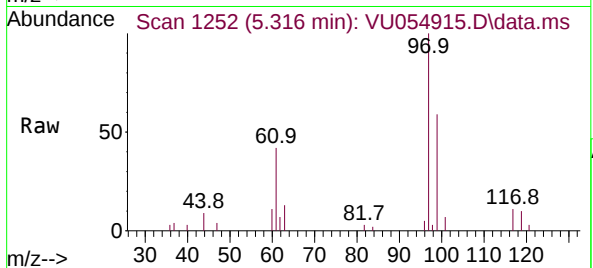




#29
1,1,1-Trichloroethane
Concen: 0.964 ug/L
RT: 5.316 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

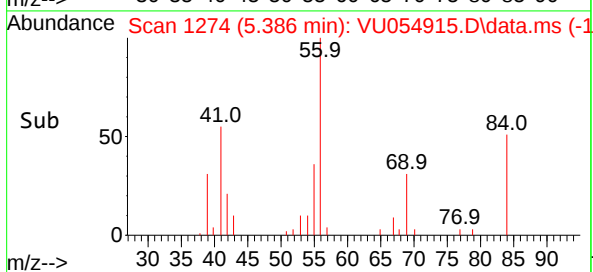
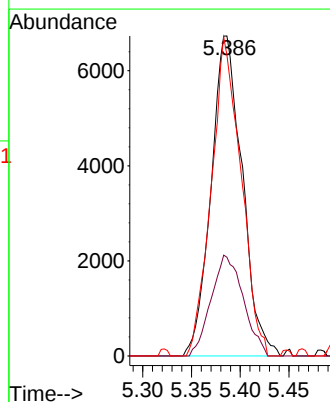
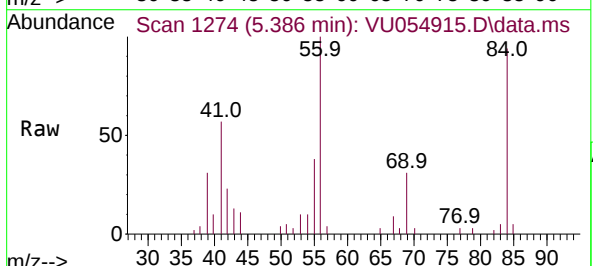
Instrument :
MSVOA_U
ClientSampleId :

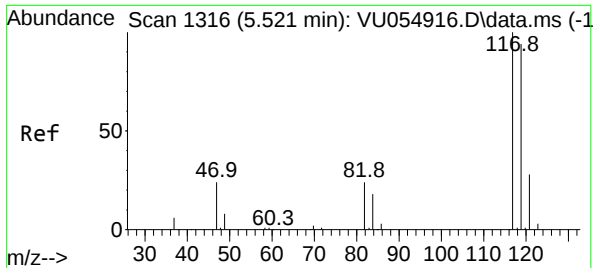
Tgt Ion: 97	Resp: 17738
Ion Ratio	Lower Upper
97 100	
99 61.6	51.5 77.3
61 44.6	37.2 55.8



#30
Cyclohexane
Concen: 0.908 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 56	Resp: 14959
Ion Ratio	Lower Upper
56 100	
69 32.5	24.5 36.7
84 94.6	71.3 106.9

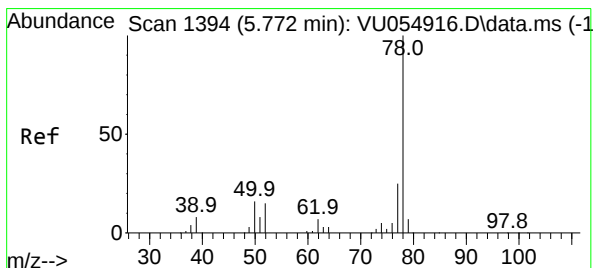
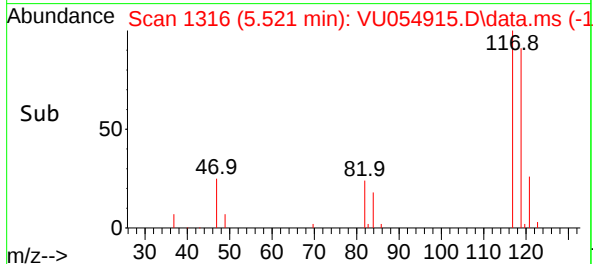
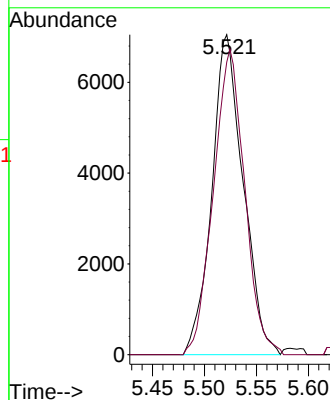
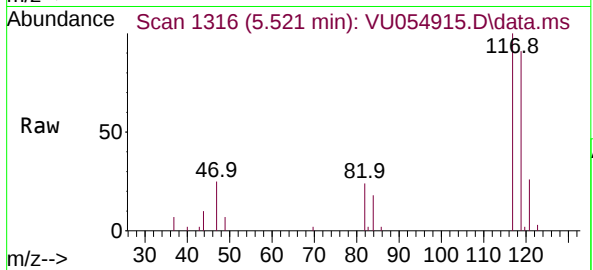




#31
Carbon tetrachloride
Concen: 0.903 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

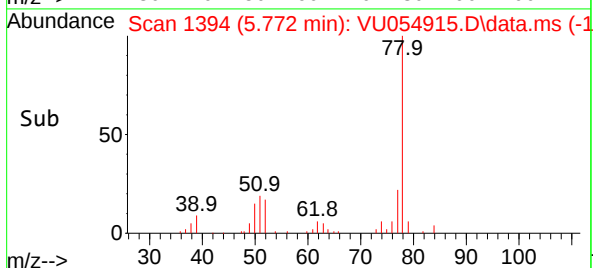
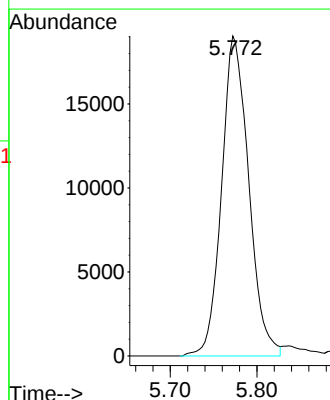
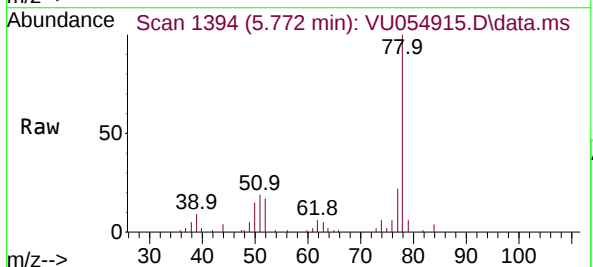
Instrument :
MSVOA_U
ClientSampleId :

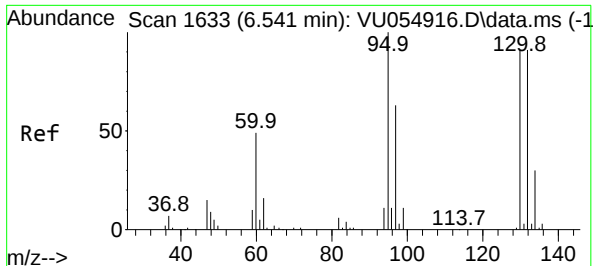
Tgt Ion:117 Resp: 14782
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0



#33
Benzene
Concen: 0.960 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

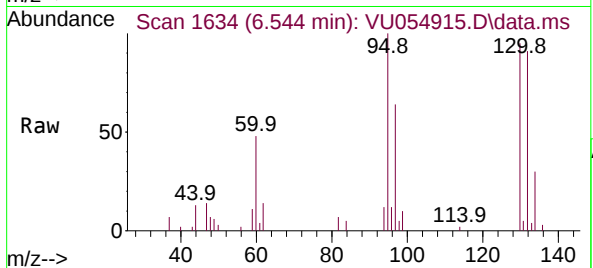
Tgt Ion: 78 Resp: 41468



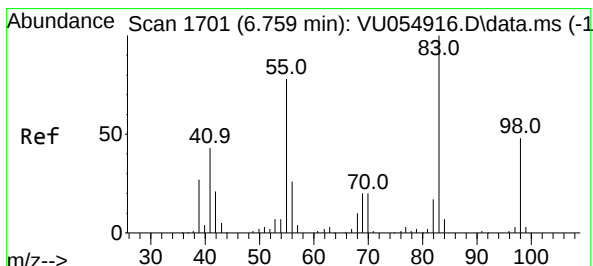
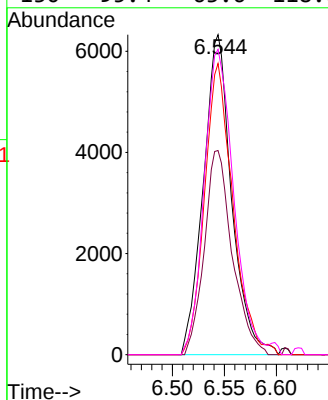
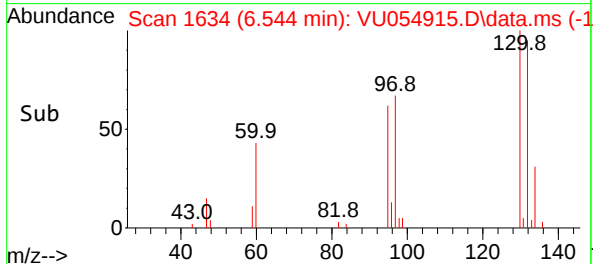


#34
Trichloroethene
Concen: 0.990 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

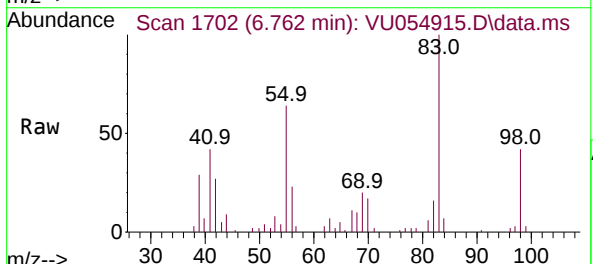
Instrument :
MSVOA_U
ClientSampleId :



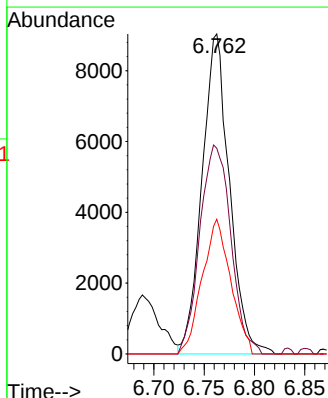
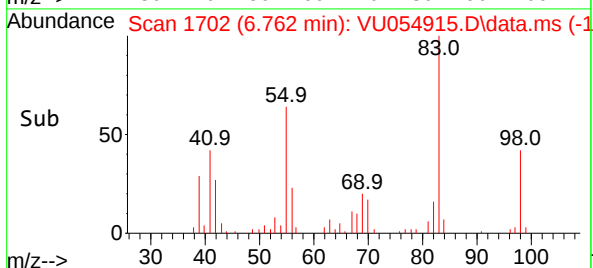
Tgt Ion: 95 Resp: 12024
Ion Ratio Lower Upper
95 100
97 63.8 44.1 81.9
132 91.0 63.6 118.2
130 95.4 63.6 118.0

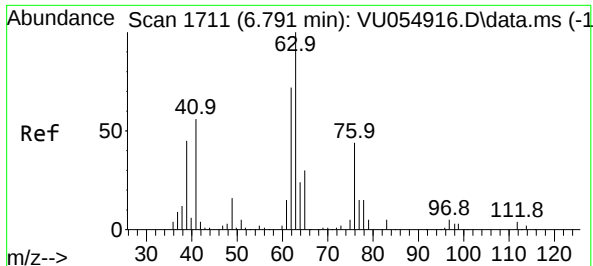


#35
Methylcyclohexane
Concen: 1.004 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44



Tgt Ion: 83 Resp: 17152
Ion Ratio Lower Upper
83 100
55 73.6 62.1 93.1
98 43.7 37.8 56.6





#37

1,2-Dichloropropane

Concen: 1.007 ug/L

RT: 6.791 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

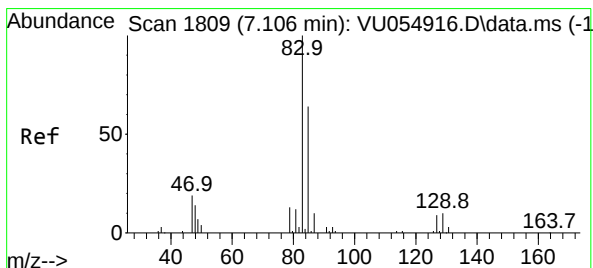
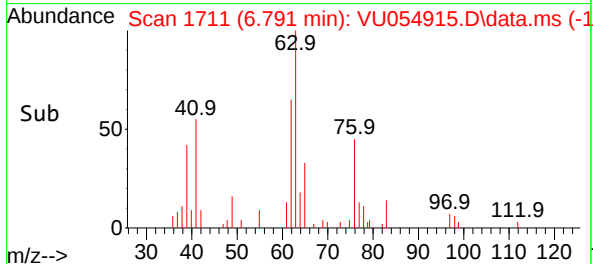
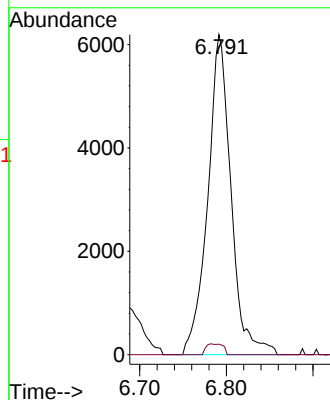
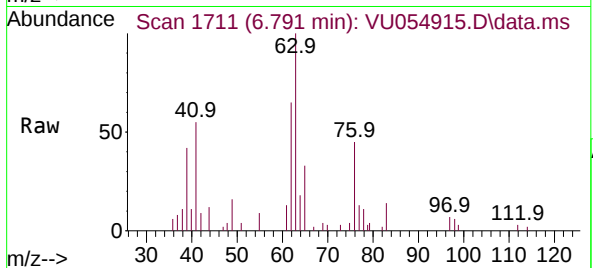
ClientSampleId :

Tgt Ion: 63 Resp: 11558

Ion Ratio Lower Upper

63 100

112 2.4 2.7 4.1#



#38

Bromodichloromethane

Concen: 1.031 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.003 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

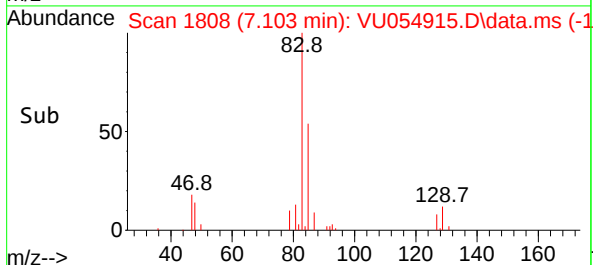
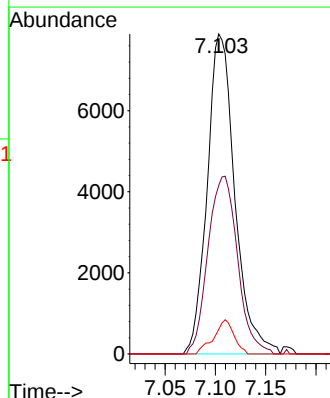
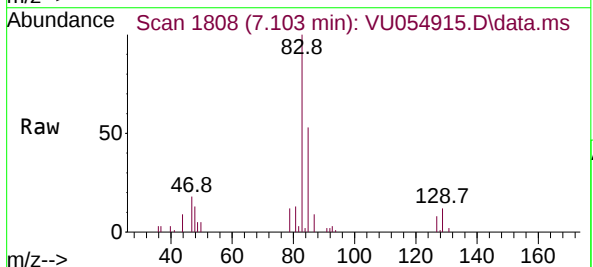
Tgt Ion: 83 Resp: 15082

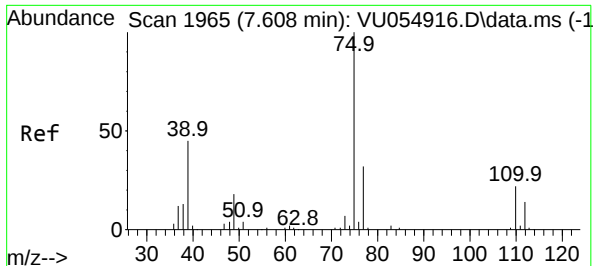
Ion Ratio Lower Upper

83 100

85 52.6 45.1 83.7

127 7.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.608 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

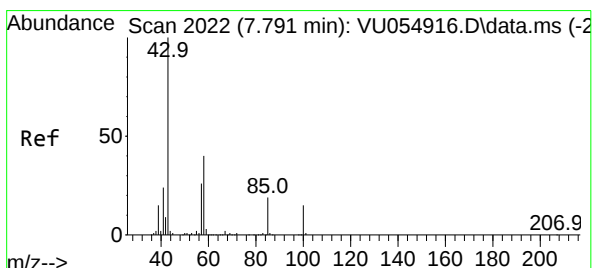
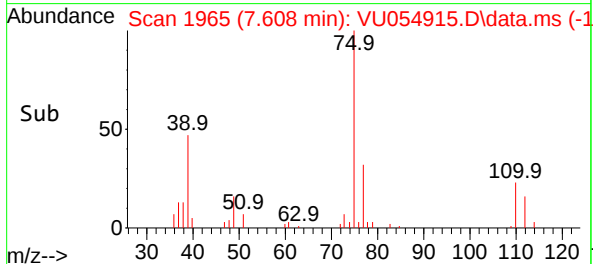
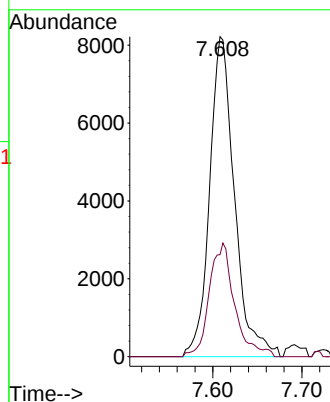
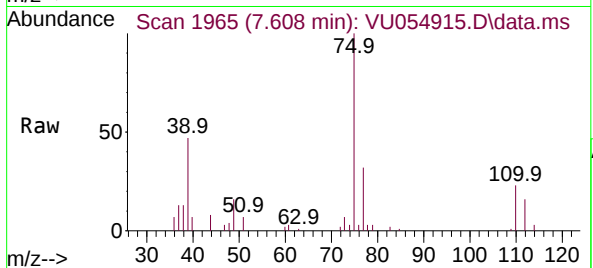
ClientSampleId :

Tgt Ion: 75 Resp: 15947

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 10.475 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

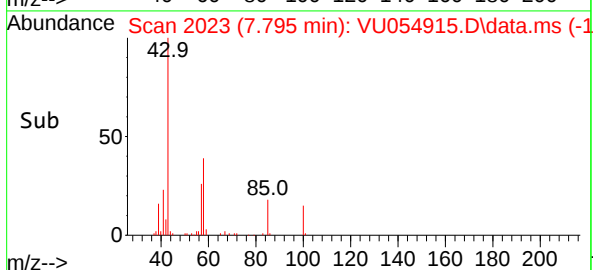
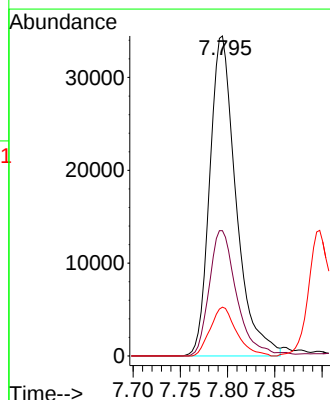
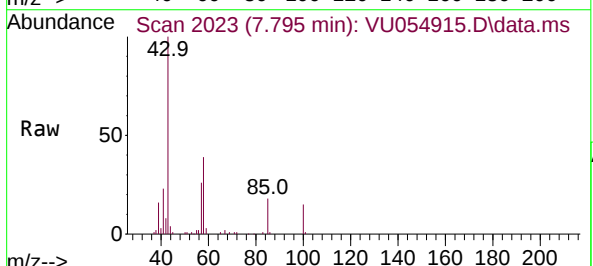
Tgt Ion: 43 Resp: 66721

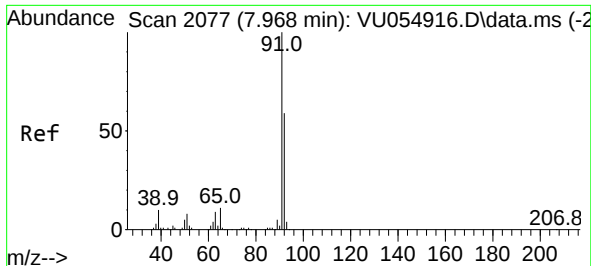
Ion Ratio Lower Upper

43 100

58 40.7 32.1 48.1

100 15.2 11.8 17.6

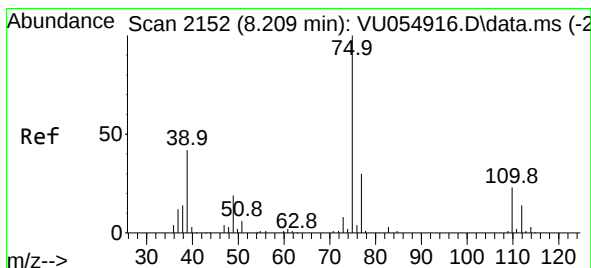
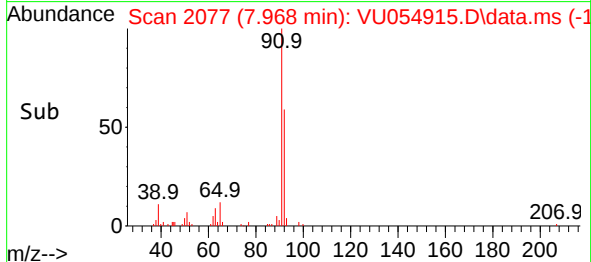
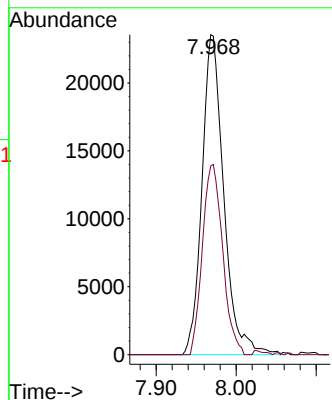
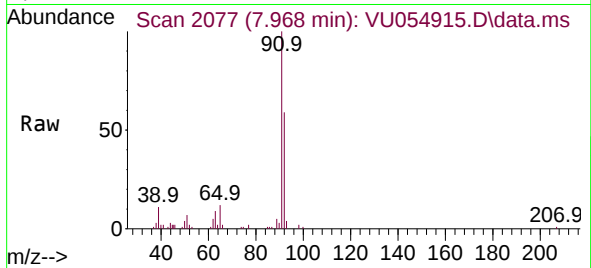




#42
Toluene
Concen: 0.970 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

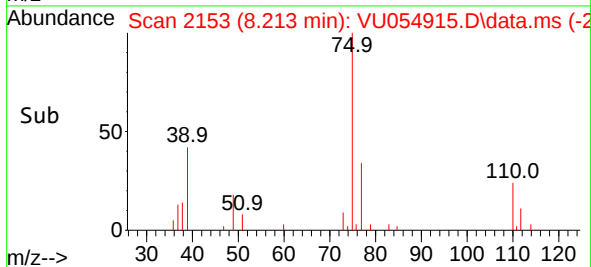
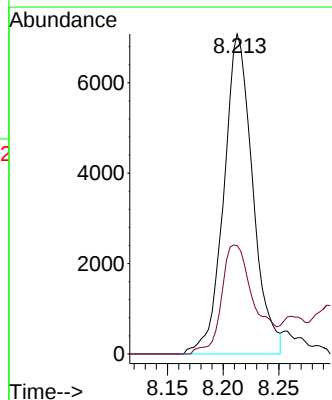
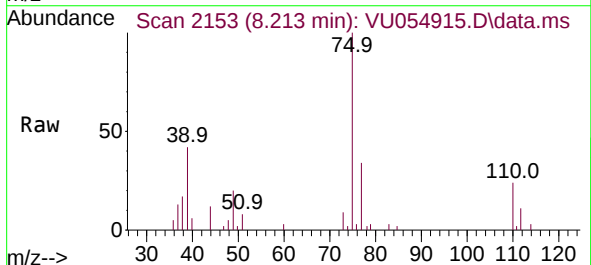
Instrument :
MSVOA_U
ClientSampleId :

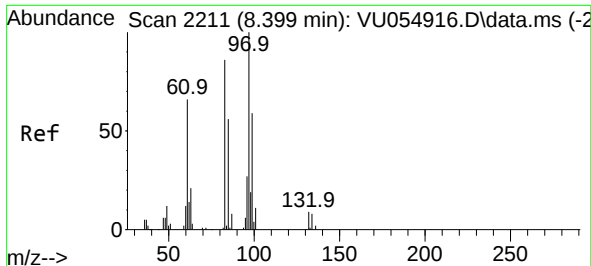
Tgt Ion: 91 Resp: 44632
Ion Ratio Lower Upper
91 100
92 59.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 8.213 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 75 Resp: 12781
Ion Ratio Lower Upper
75 100
77 33.9 21.3 39.5

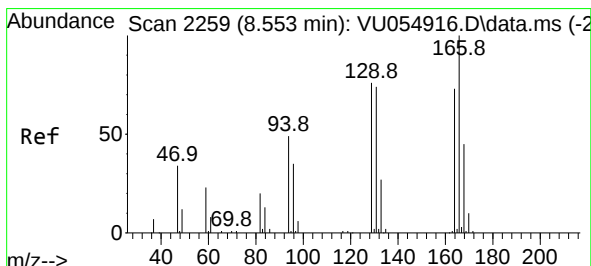
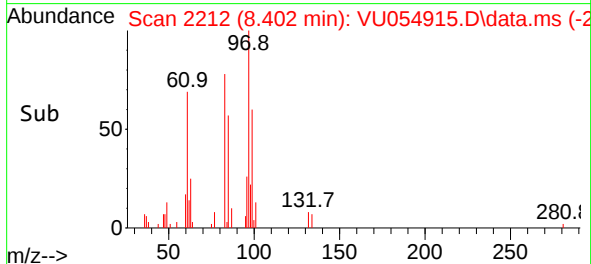
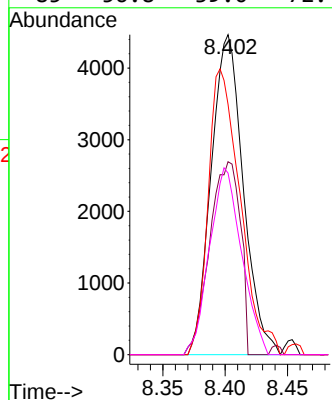
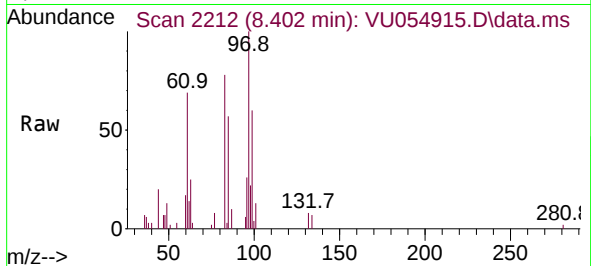




#45
1,1,2-Trichloroethane
Concen: 0.977 ug/L
RT: 8.402 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

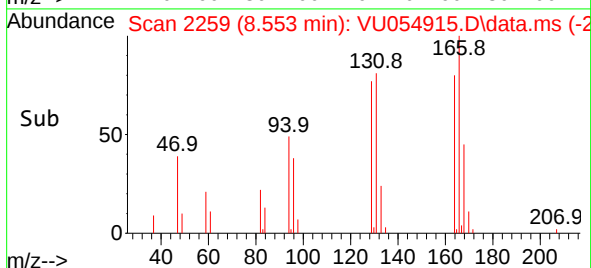
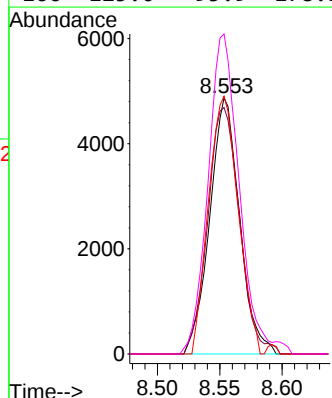
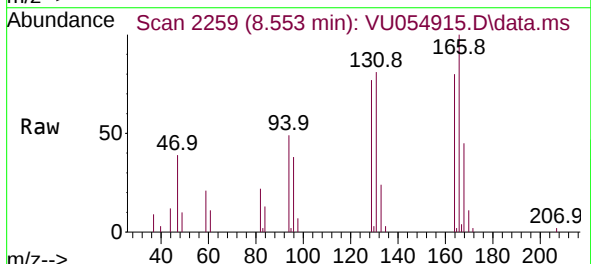
Instrument :
MSVOA_U
ClientSampleId :

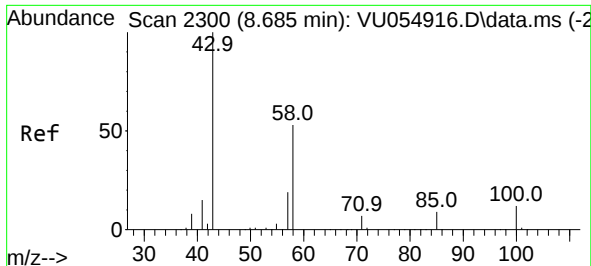
Tgt Ion: 97	Resp: 8031
Ion Ratio	Lower Upper
97 100	
99 60.3	41.5 77.1
83 78.2	59.8 111.1
85 56.8	39.0 72.4



#47
Tetrachloroethene
Concen: 0.853 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion:164	Resp: 8119
Ion Ratio	Lower Upper
164 100	
129 96.3	72.8 135.2
131 100.7	70.7 131.3
166 125.0	95.9 178.1

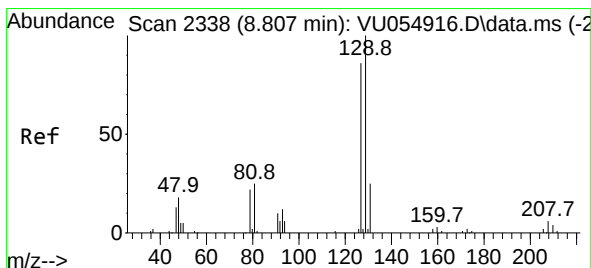
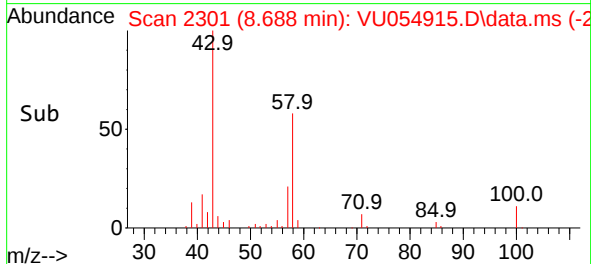
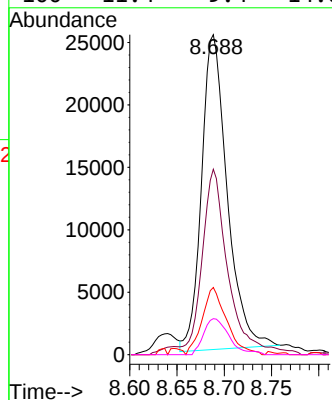
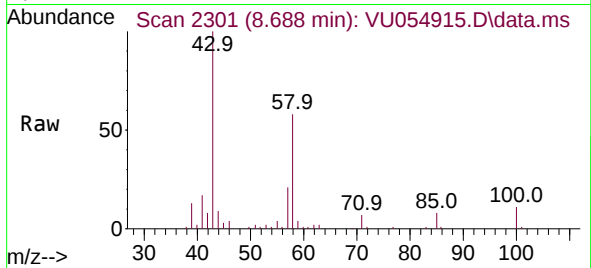




#48
2-Hexanone
Concen: 10.400 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

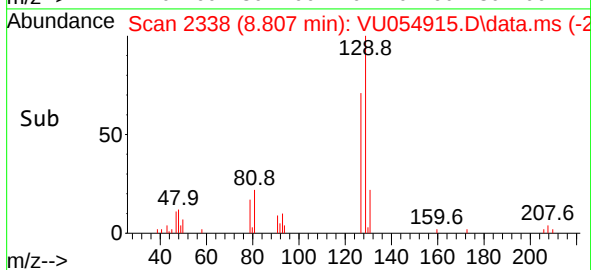
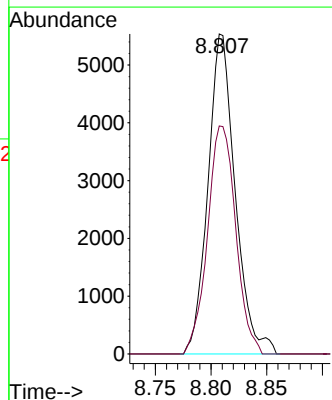
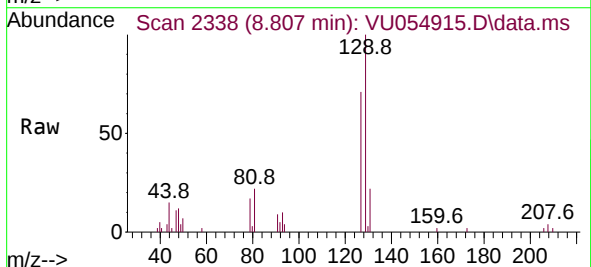
Instrument :
MSVOA_U
ClientSampleId :

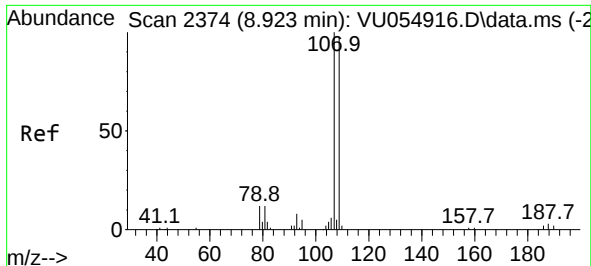
Tgt Ion: 43	Resp: 47601
Ion Ratio	Lower Upper
43 100	
58 61.5	44.0 66.0
57 20.3	15.9 23.9
100 11.4	9.4 14.0



#49
Dibromochloromethane
Concen: 1.011 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion:129	Resp:	9411	
Ion	Ratio	Lower	Upper
129	100		
127	71.2	60.5	112.5





#50

1,2-Dibromoethane

Concen: 0.971 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054915.D

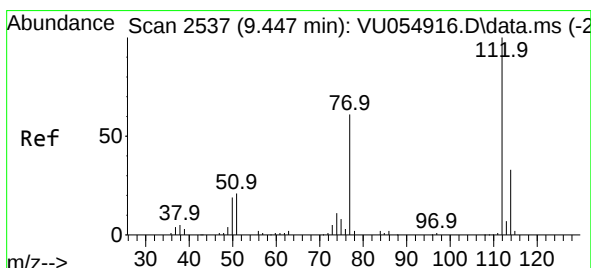
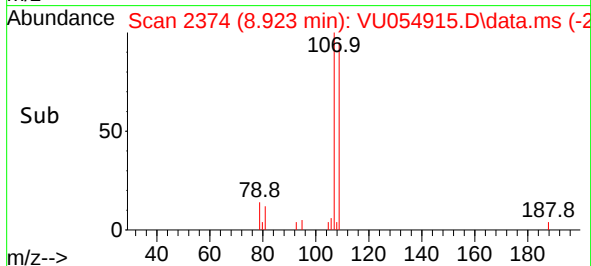
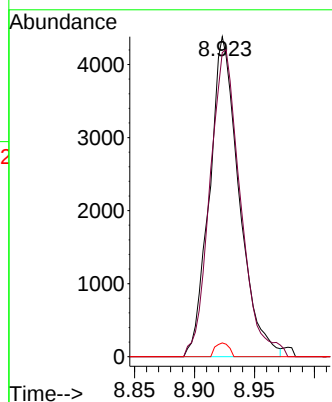
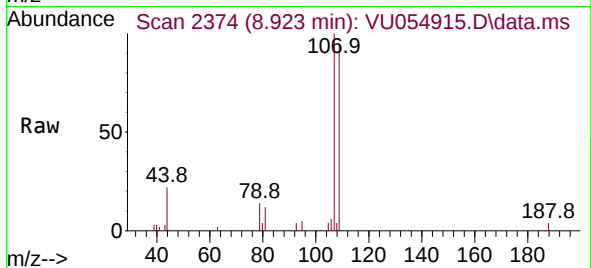
Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	7518
Ion	Ratio	Lower	Upper
107	100		
109	95.1	67.8	125.8
188	4.3	2.5	3.7#



#51

Chlorobenzene

Concen: 0.987 ug/L

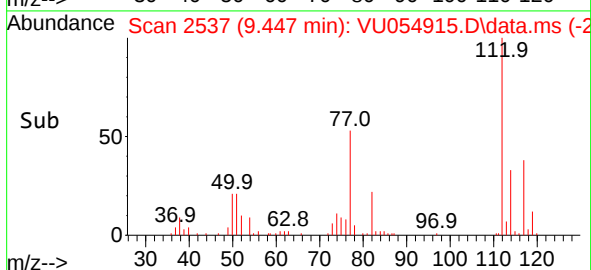
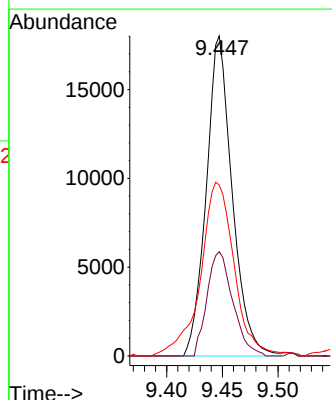
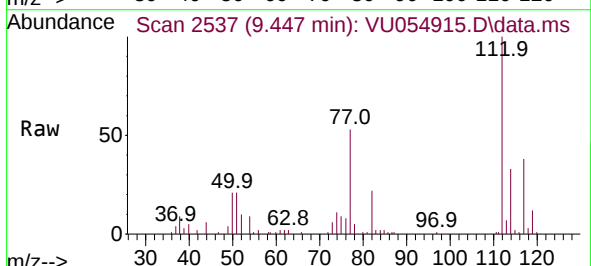
RT: 9.447 min Scan# 2537

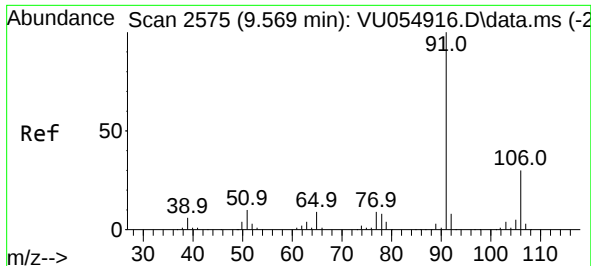
Delta R.T. 0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Tgt Ion:	112	Resp:	29241
Ion	Ratio	Lower	Upper
112	100		
114	32.6	23.4	43.4
77	53.5	49.3	73.9

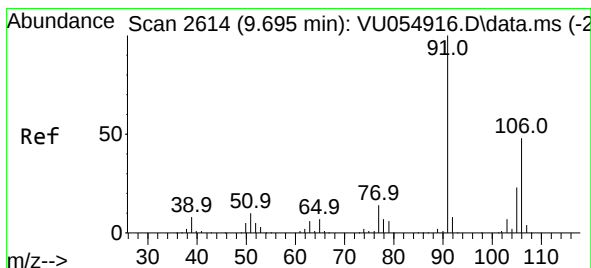
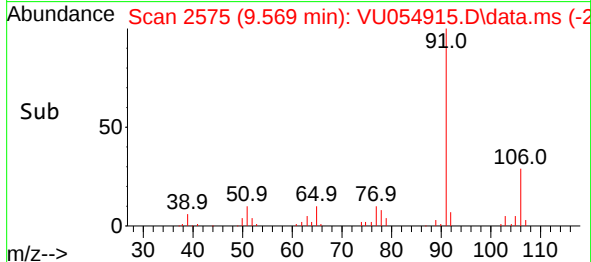
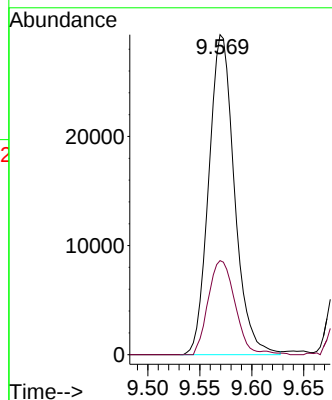
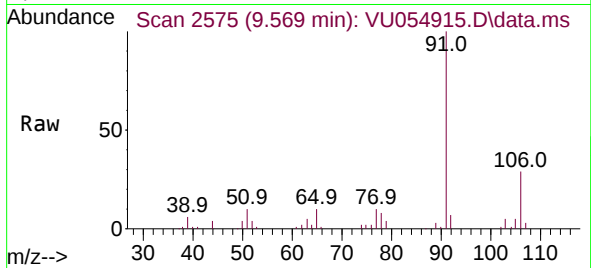




#52
Ethylbenzene
Concen: 1.005 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

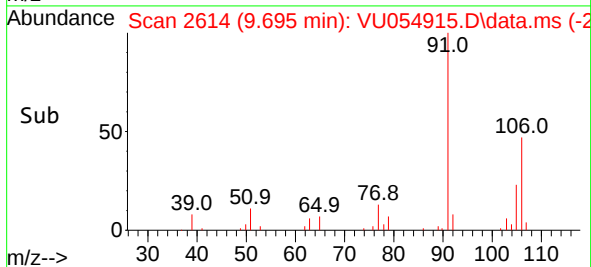
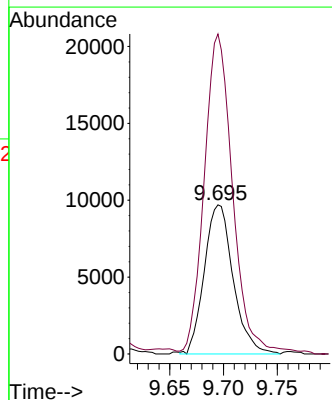
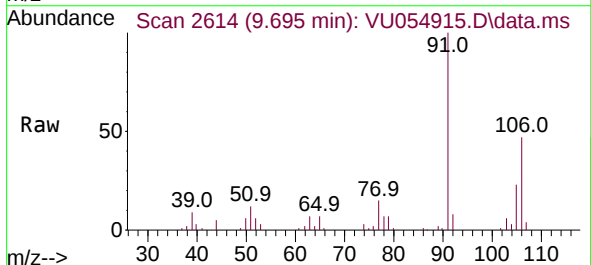
Instrument :
MSVOA_U
ClientSampleId :

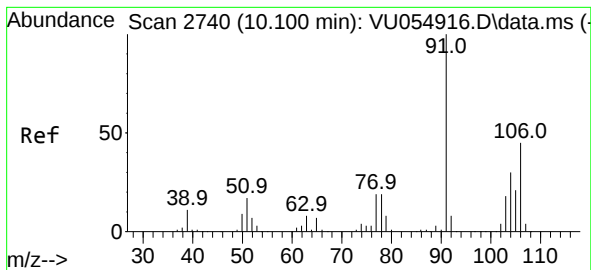
Tgt Ion: 91 Resp: 50437
Ion Ratio Lower Upper
91 100
106 29.4 21.2 39.4



#53
m,p-Xylene
Concen: 0.951 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 106 Resp: 18096
Ion Ratio Lower Upper
106 100
91 214.7 147.7 274.3





#54

o-Xylene

Concen: 0.975 ug/L

RT: 10.100 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

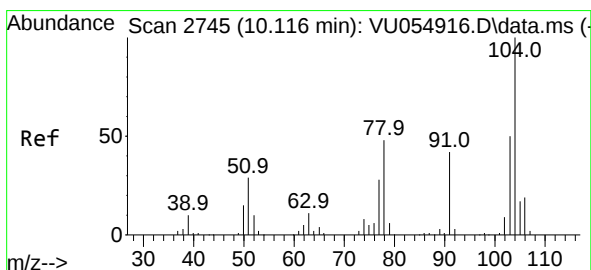
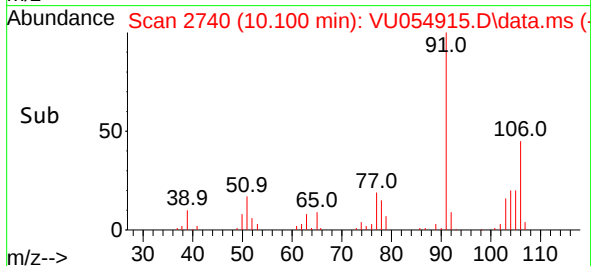
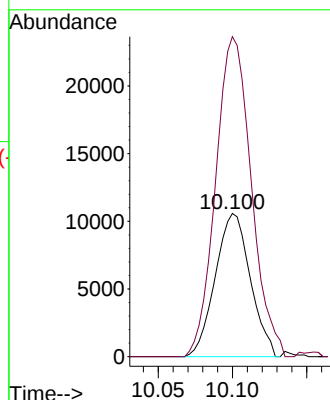
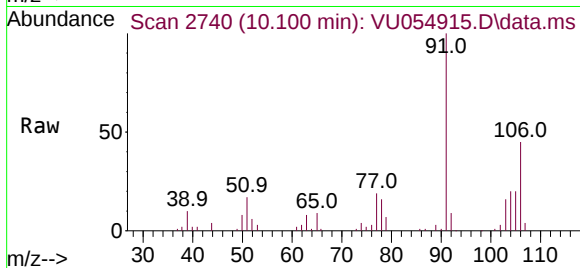
ClientSampleId :

Tgt Ion:106 Resp: 17350

Ion Ratio Lower Upper

106 100

91 223.5 154.2 286.4



#55

Styrene

Concen: 0.916 ug/L

RT: 10.119 min Scan# 2746

Delta R.T. 0.003 min

Lab File: VU054915.D

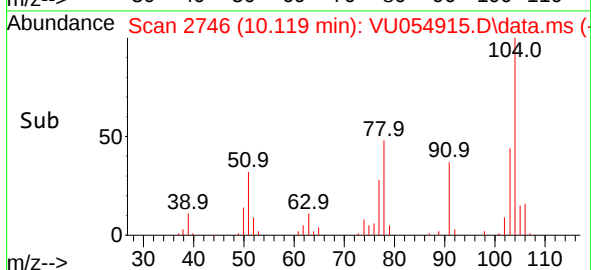
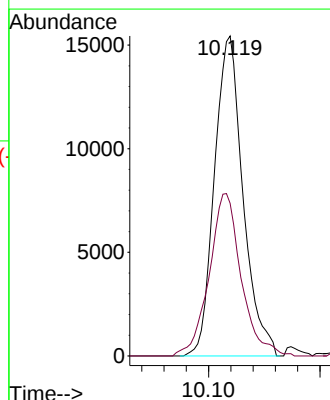
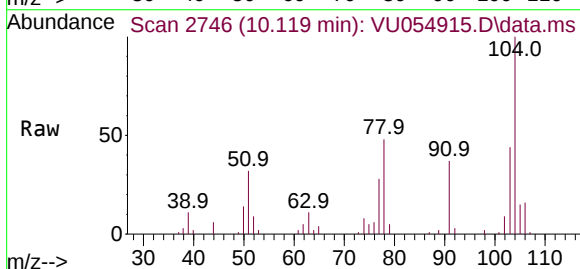
Acq: 28 Aug 2023 09:44

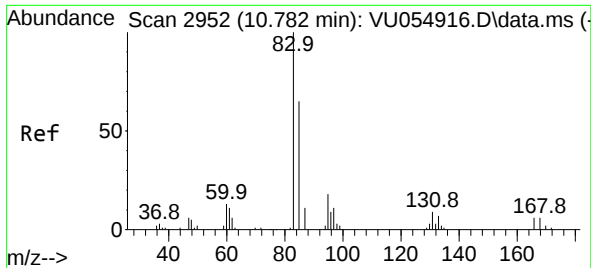
Tgt Ion:104 Resp: 27478

Ion Ratio Lower Upper

104 100

78 47.7 33.7 62.7

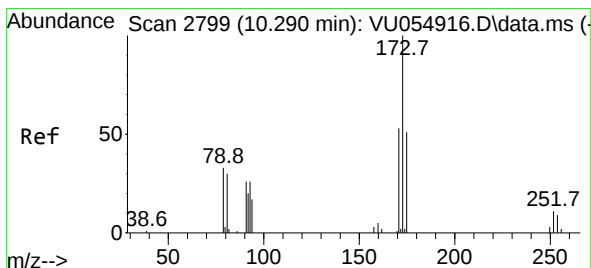
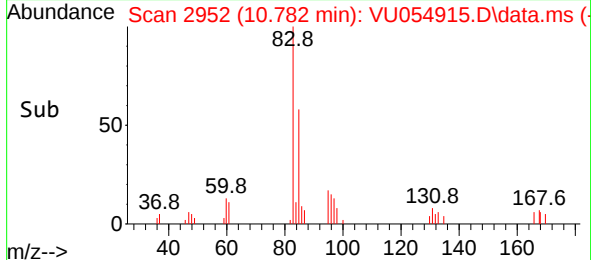
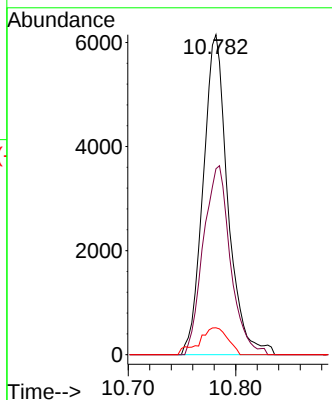
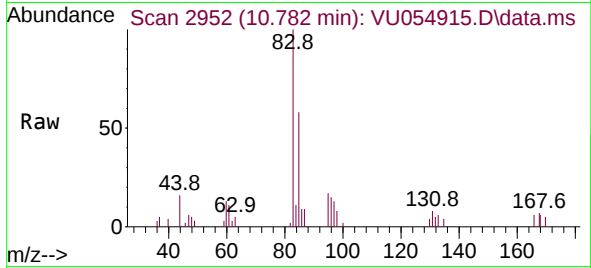




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.991 ug/L
 RT: 10.782 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VU054915.D
 Acq: 28 Aug 2023 09:44

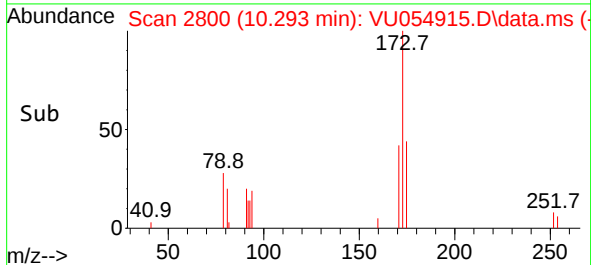
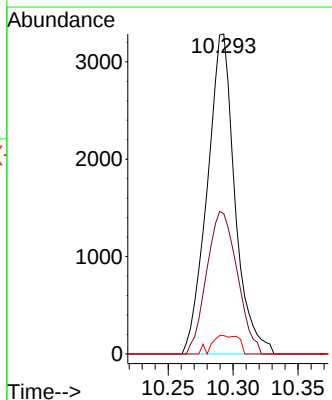
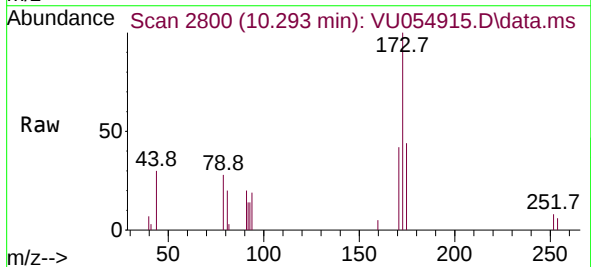
Instrument :
 MSVOA_U
 ClientSampleId :

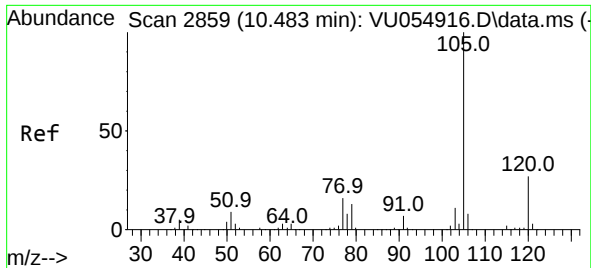
Tgt Ion: 83 Resp: 9792
 Ion Ratio Lower Upper
 83 100
 85 58.1 46.1 85.5
 131 8.4 7.7 11.5



#59
 Bromoform
 Concen: 0.857 ug/L
 RT: 10.293 min Scan# 2800
 Delta R.T. 0.003 min
 Lab File: VU054915.D
 Acq: 28 Aug 2023 09:44

Tgt Ion:173 Resp: 4863
 Ion Ratio Lower Upper
 173 100
 175 49.2 40.8 61.2
 254 5.6 6.8 10.2#

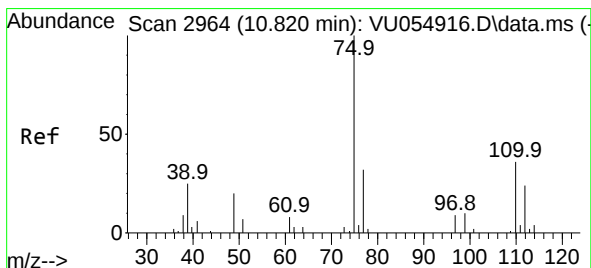
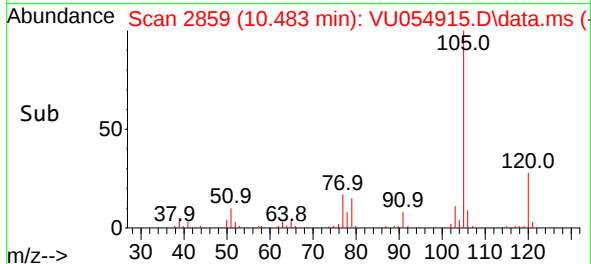
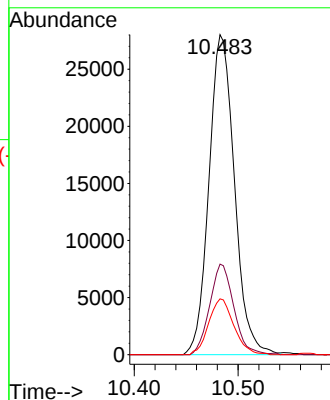
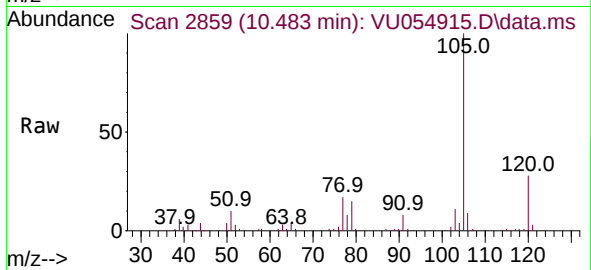




#60
Isopropylbenzene
Concen: 0.984 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

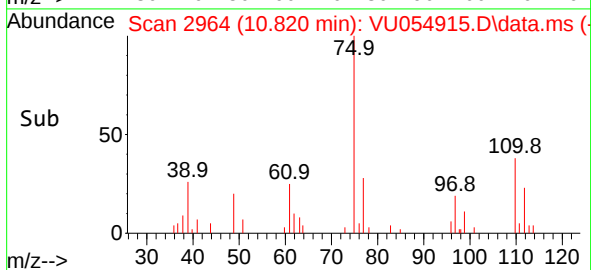
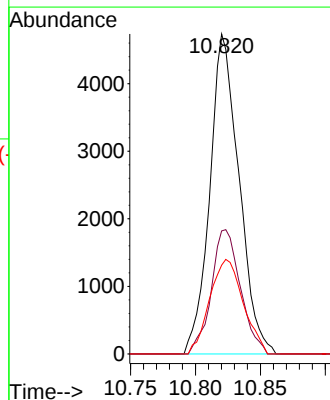
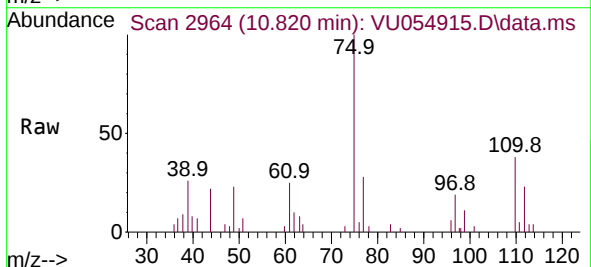
Instrument :
MSVOA_U
ClientSampleId :

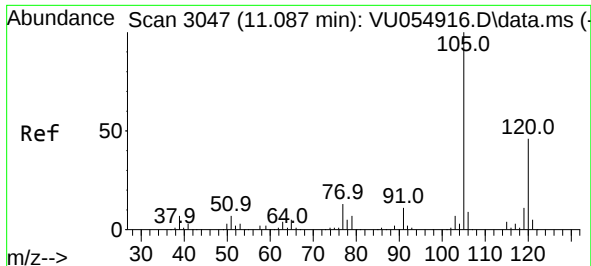
Tgt Ion:105 Resp: 47778
Ion Ratio Lower Upper
105 100
120 26.8 20.8 31.2
77 17.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

Tgt Ion: 75 Resp: 7399
Ion Ratio Lower Upper
75 100
110 38.7 29.0 43.6
77 33.9 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 0.991 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

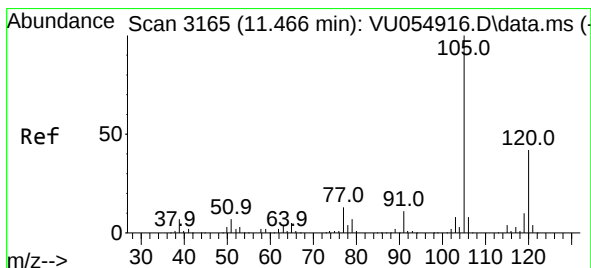
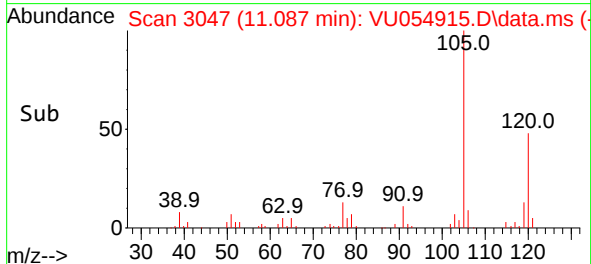
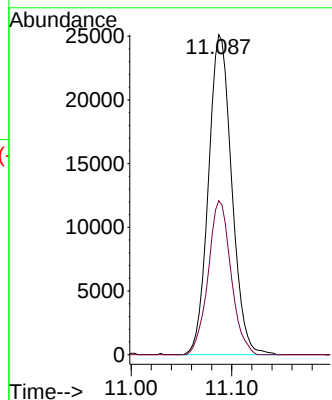
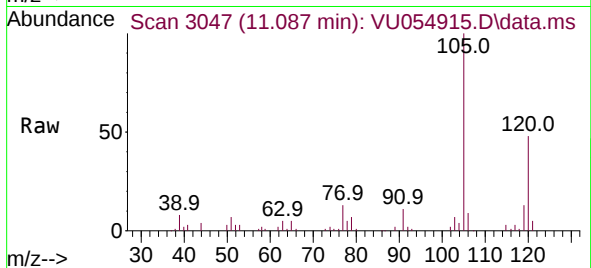
ClientSampleId :

Tgt Ion:105 Resp: 40394

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.910 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VU054915.D

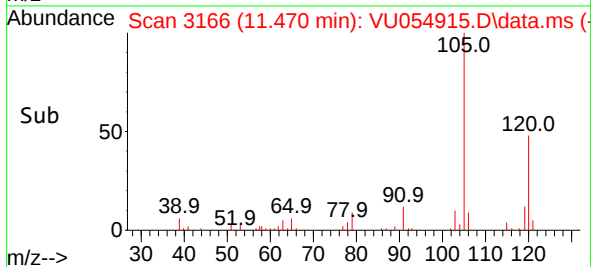
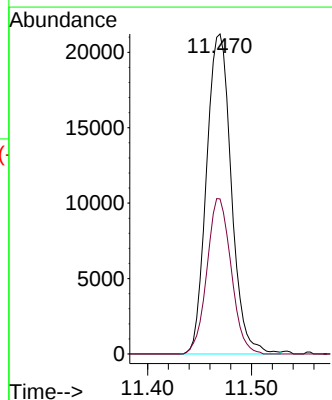
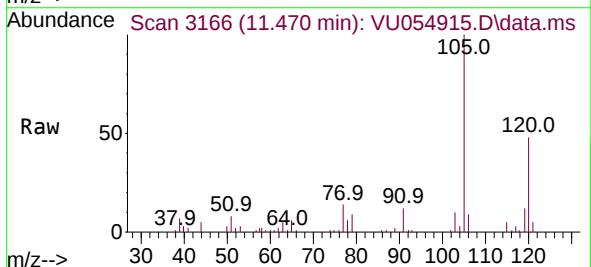
Acq: 28 Aug 2023 09:44

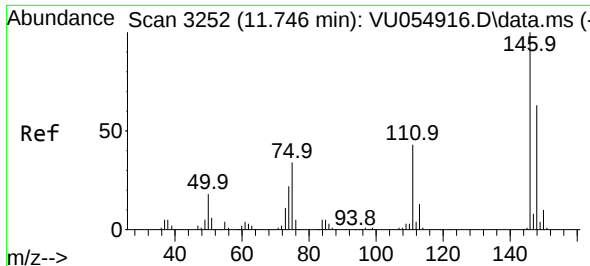
Tgt Ion:105 Resp: 35188

Ion Ratio Lower Upper

105 100

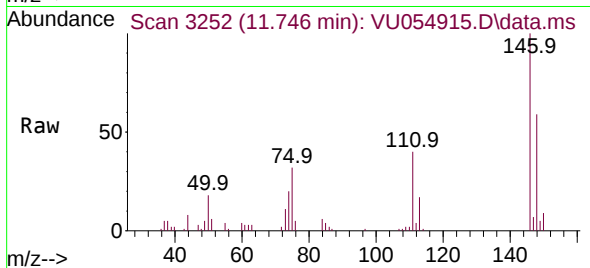
120 47.4 34.3 51.5



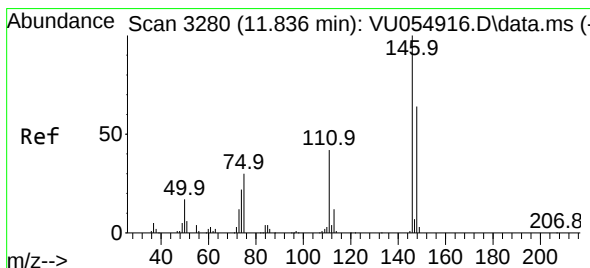
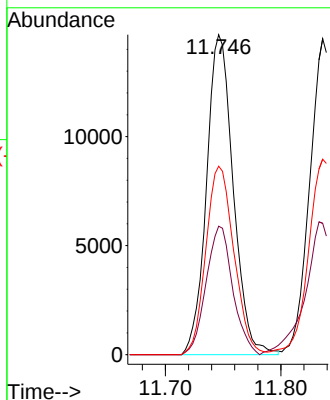
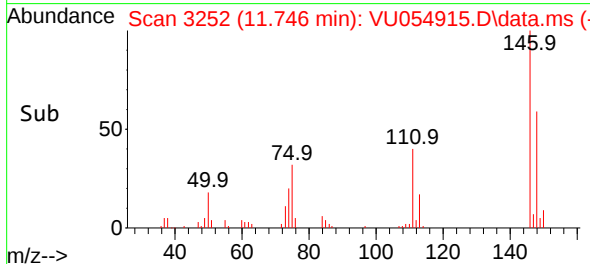


#64
1,3-Dichlorobenzene
Concen: 0.982 ug/L
RT: 11.746 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44

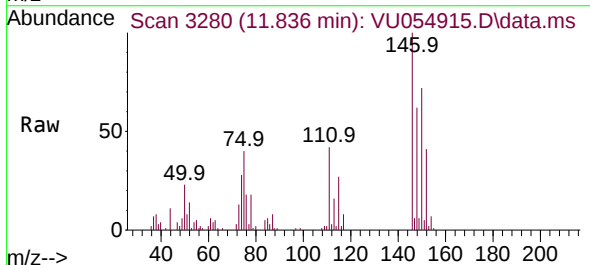
Instrument :
MSVOA_U
ClientSampleId :



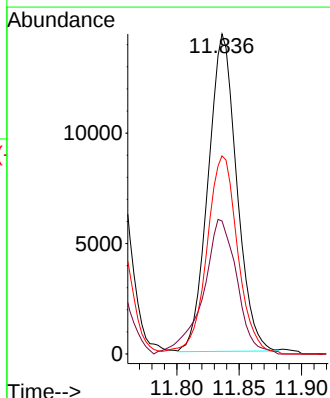
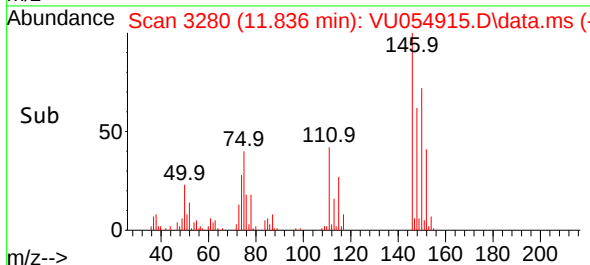
Tgt Ion:146 Resp: 23583
Ion Ratio Lower Upper
146 100
111 40.2 30.4 56.4
148 58.9 44.4 82.4

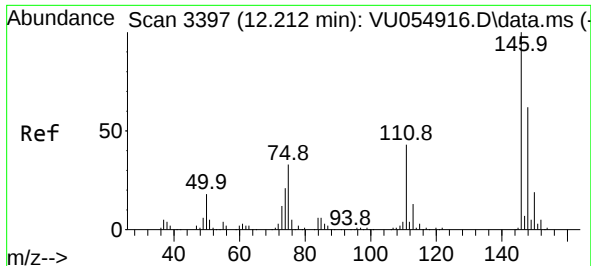


#65
1,4-Dichlorobenzene
Concen: 0.965 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VU054915.D
Acq: 28 Aug 2023 09:44



Tgt Ion:146 Resp: 23014
Ion Ratio Lower Upper
146 100
111 41.6 29.9 55.5
148 61.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.950 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

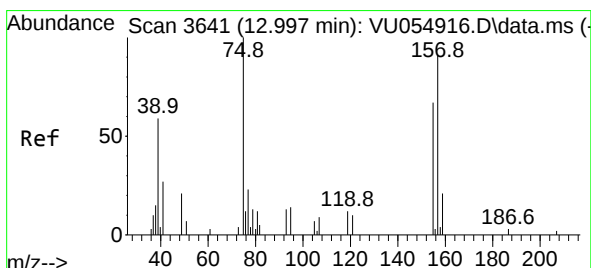
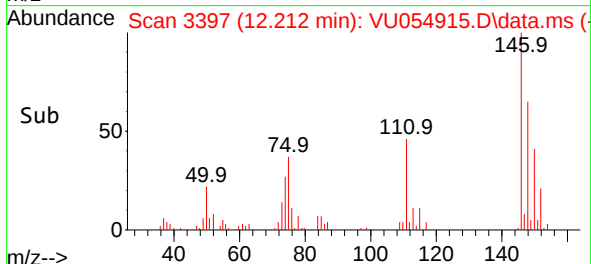
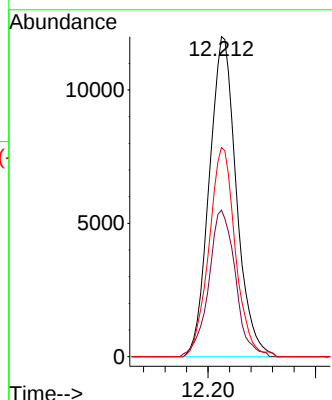
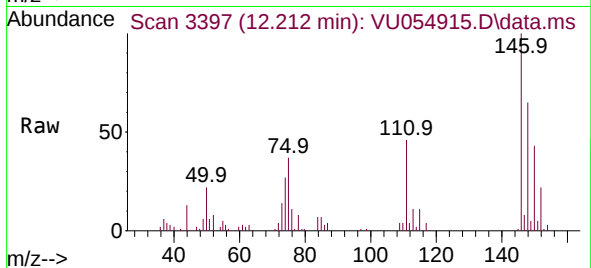
Tgt Ion:146 Resp: 20985

Ion Ratio Lower Upper

146 100

111 45.8 34.9 52.3

148 65.4 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.923 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

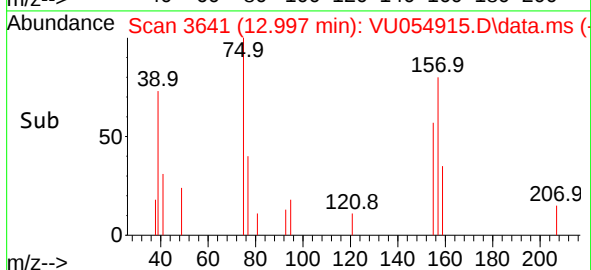
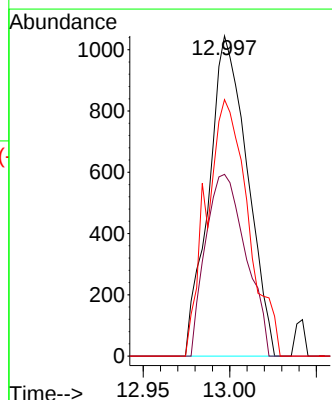
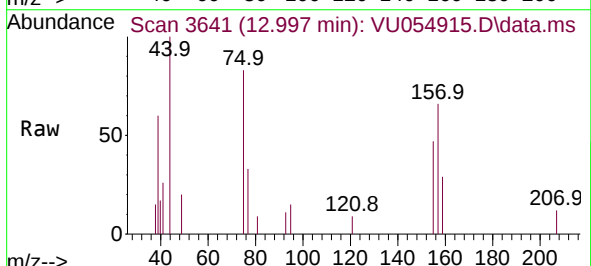
Tgt Ion: 75 Resp: 1616

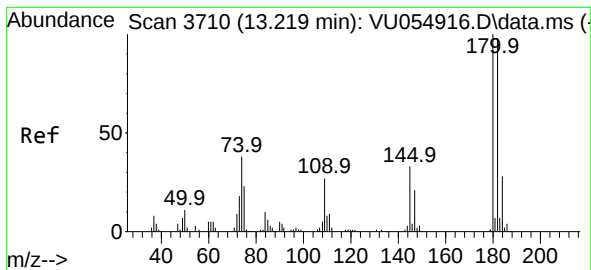
Ion Ratio Lower Upper

75 100

155 56.7 53.3 79.9

157 80.1 69.5 104.3





#69

1,3,5-Trichlorobenzene

Concen: 0.672 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.621 min

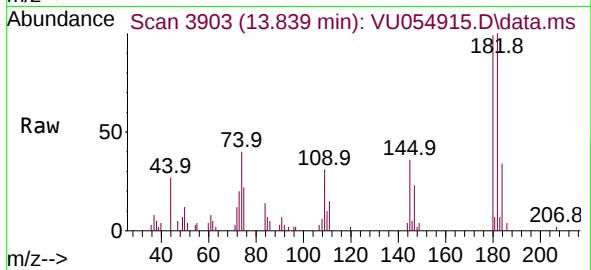
Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 11771

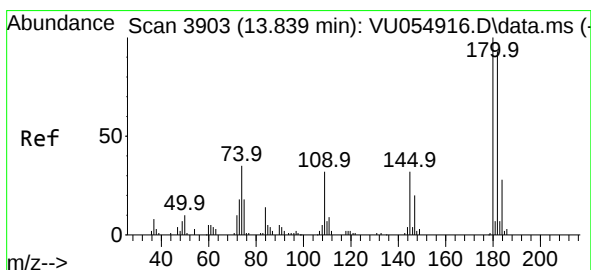
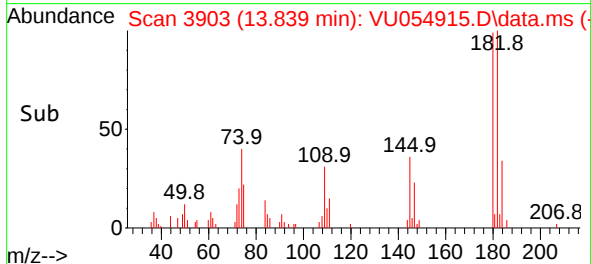
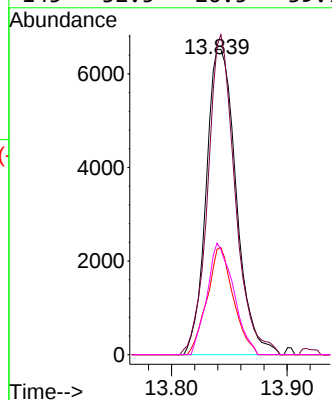
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

184 30.8 23.6 35.4

145 32.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 0.842 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. -0.000 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

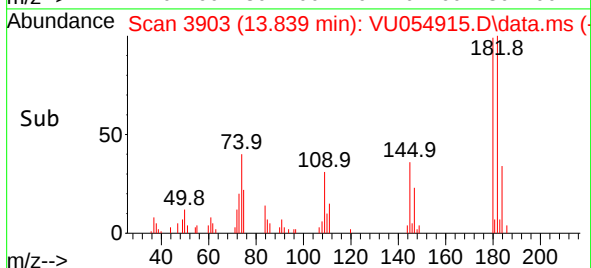
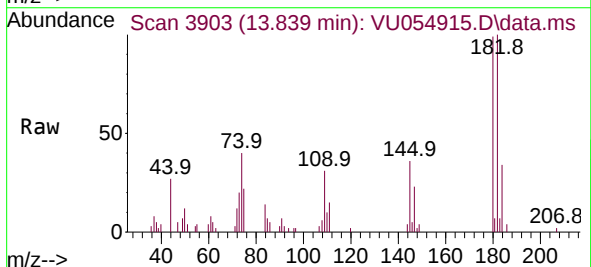
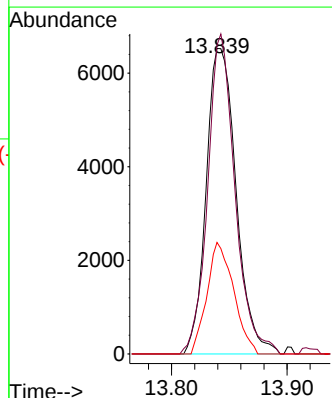
Tgt Ion:180 Resp: 11771

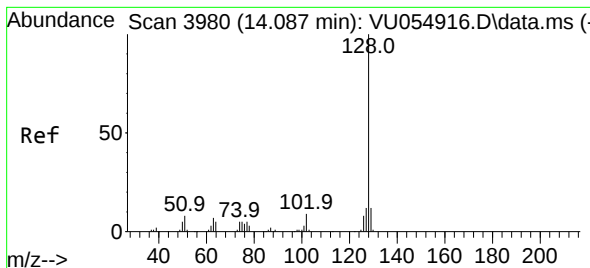
Ion Ratio Lower Upper

180 100

182 95.7 74.9 112.3

145 32.5 25.8 38.8





#71

Naphthalene

Concen: 0.794 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.003 min

Lab File: VU054915.D

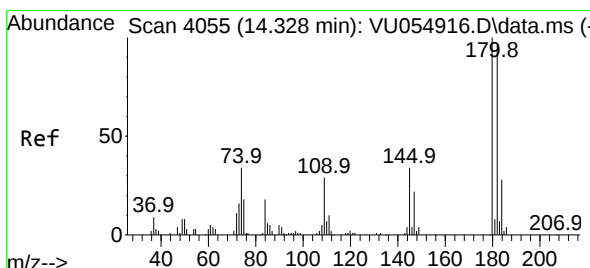
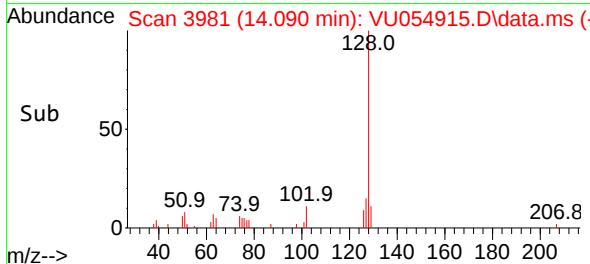
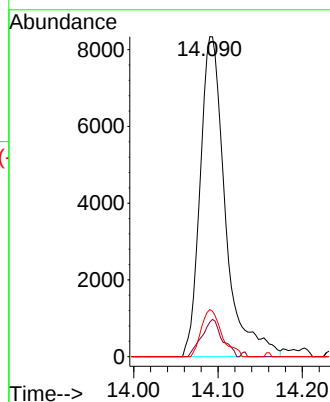
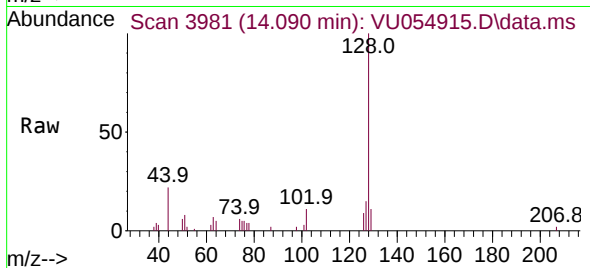
Acq: 28 Aug 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	17337
Ion Ratio	Lower	Upper
128	100	
129	9.4	8.6 12.8
127	11.9	9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 0.763 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.003 min

Lab File: VU054915.D

Acq: 28 Aug 2023 09:44

Tgt Ion:180	Resp:	9387
Ion Ratio	Lower	Upper
180	100	
182	96.1	77.7 116.5
145	36.0	28.1 42.1

