

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053034.D
 Acq On : 10 Feb 2023 13:21
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Quant Time: Feb 10 23:26:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	130367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	115000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30841	4.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.913	69	29406	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	13754	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.646	46	98783	51.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	5.058	84	71570	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.697	65	36261	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.723	84	130723	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.688	67	44542	4.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	115078	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.176	79	18928	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.630	63	85813	53.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.100%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	39893	5.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	43736	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45973	4.803	ug/L	100
3) Chloromethane	1.518	50	47796	4.793	ug/L	99
5) Vinyl chloride	1.601	62	53378	4.858	ug/L	98
6) Bromomethane	1.855	94	32859	4.809	ug/L	99
8) Chloroethane	1.932	64	31968	4.941	ug/L	98
9) Trichlorofluoromethane	2.138	101	75028	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	40702	4.885	ug/L	99
12) 1,1-Dichloroethene	2.579	96	37968	4.923	ug/L	96
13) Acetone	2.665	43	18678	13.604	ug/L #	1
14) Carbon disulfide	2.791	76	115574	4.963	ug/L	98
15) Methyl Acetate	2.961	43	12692	3.786	ug/L #	67
16) Methylene chloride	3.042	84	43859	4.915	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	101973	4.869	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	38314	4.695	ug/L	98
19) 1,1-Dichloroethane	3.865	63	76040	4.947	ug/L	98
21) 2-Butanone	4.726	43	92492	45.600	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	44734	4.857	ug/L	98
23) Bromochloromethane	4.971	128	18668	5.118	ug/L	99
25) Chloroform	5.083	83	76995	4.792	ug/L	96

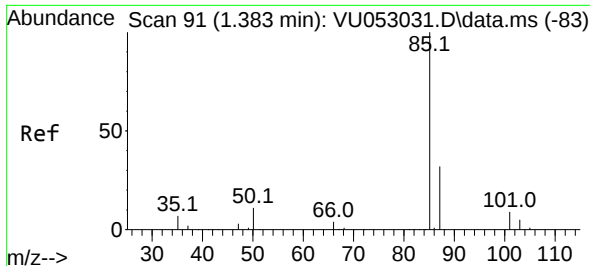
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053034.D
 Acq On : 10 Feb 2023 13:21
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Quant Time: Feb 10 23:26:42 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	49087	4.970	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	67581	4.919	ug/L	99
30) Cyclohexane	5.382	56	66757	4.860	ug/L	97
31) Carbon tetrachloride	5.521	117	57562	5.020	ug/L	99
33) Benzene	5.771	78	165223	4.986	ug/L	100
34) Trichloroethene	6.537	95	45038	4.830	ug/L	98
35) Methylcyclohexane	6.759	83	75166	4.979	ug/L	97
37) 1,2-Dichloropropane	6.787	63	44877	4.973	ug/L	100
38) Bromodichloromethane	7.103	83	57003	4.872	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	72538	5.040	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	237280	50.373	ug/L	99
42) Toluene	7.964	91	178854	4.969	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	59087	4.977	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	31907	4.908	ug/L	95
47) Tetrachloroethene	8.549	164	29824	4.921	ug/L	98
48) 2-Hexanone	8.681	43	174898	50.590	ug/L	99
49) Dibromochloromethane	8.807	129	36485	5.147	ug/L	100
50) 1,2-Dibromoethane	8.919	107	29859	4.978	ug/L #	91
51) Chlorobenzene	9.443	112	112331	5.002	ug/L	99
52) Ethylbenzene	9.566	91	203722	4.987	ug/L	100
53) m,p-Xylene	9.691	106	75757	4.960	ug/L	100
54) o-Xylene	10.096	106	74412	5.025	ug/L	98
55) Styrene	10.109	104	122196	5.087	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	41538	5.050	ug/L	99
59) Bromoform	10.286	173	20421	5.015	ug/L	98
60) Isopropylbenzene	10.479	105	202114	4.987	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	27759	5.161	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	170628	4.985	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	172431	5.034	ug/L	100
64) 1,3-Dichlorobenzene	11.739	146	82742	5.041	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	80648	4.904	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	76532	5.001	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6564	5.192	ug/L	92
69) 1,3,5-Trichlorobenzene	13.215	180	59604	5.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	50167	5.169	ug/L	99
71) Naphthalene	14.083	128	101676	5.224	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	45107	5.266	ug/L	98

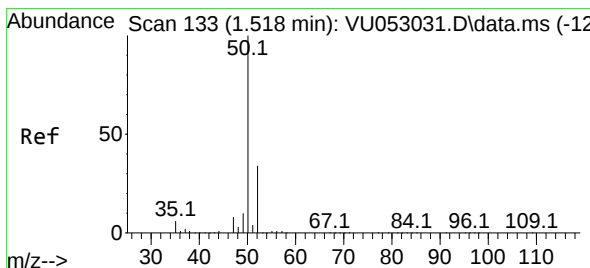
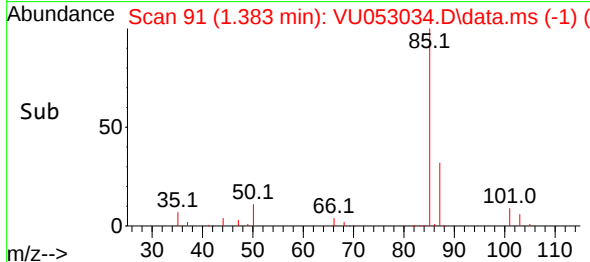
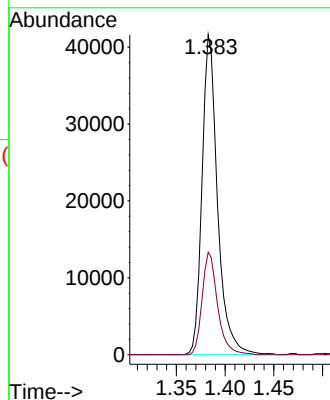
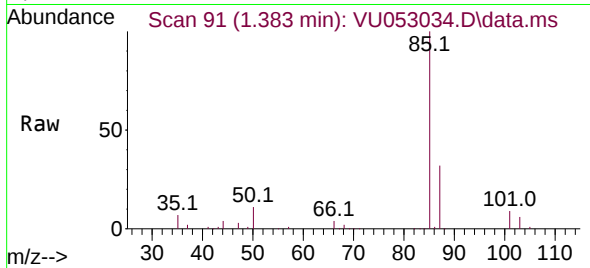
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#2
 Dichlorodifluoromethane
 Concen: 4.803 ug/L
 RT: 1.383 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

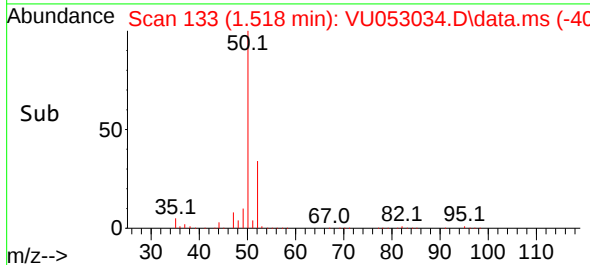
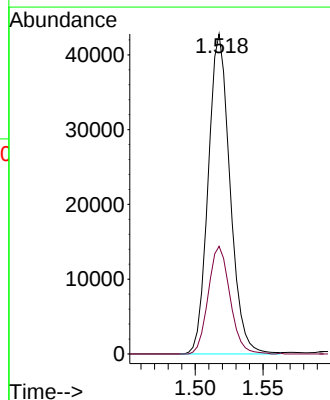
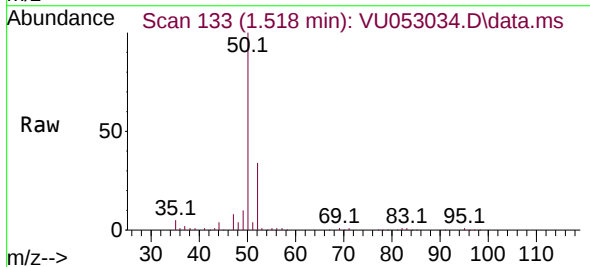
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

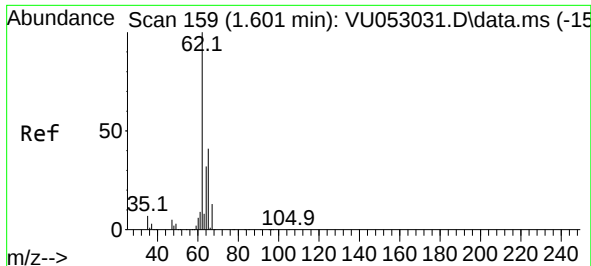
Tgt Ion: 85 Resp: 45973
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 4.793 ug/L
 RT: 1.518 min Scan# 133
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

Tgt Ion: 50 Resp: 47796
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.1 44.7

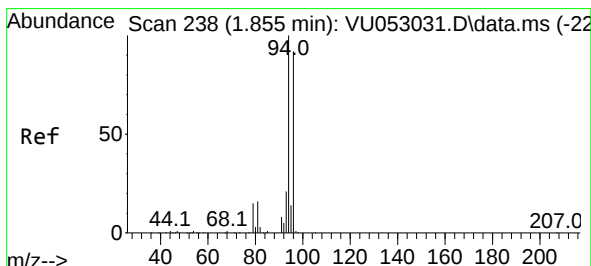
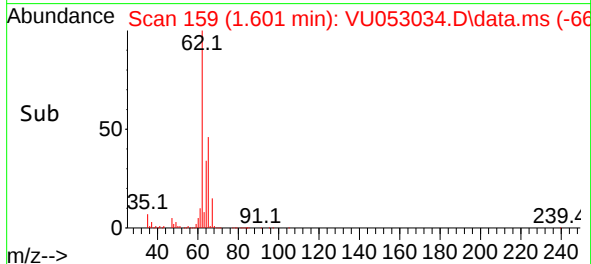
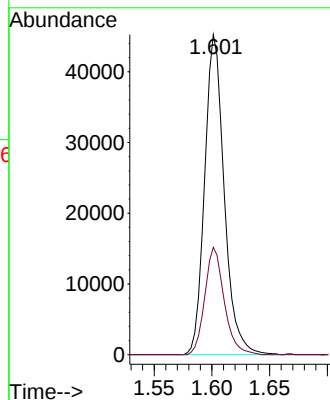
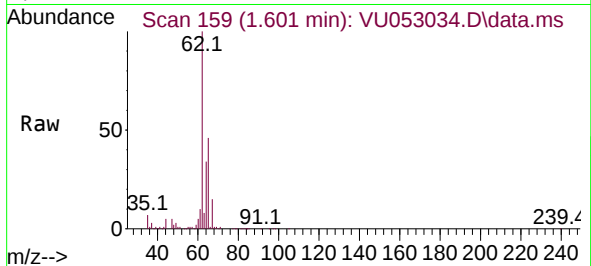




#5
 Vinyl chloride
 Concen: 4.858 ug/L
 RT: 1.601 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

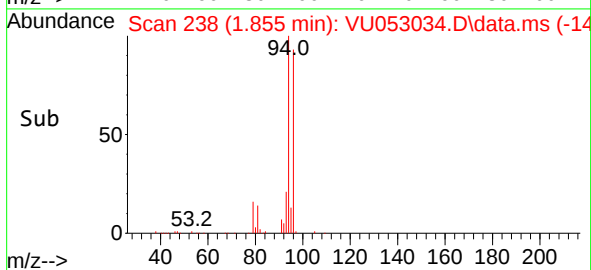
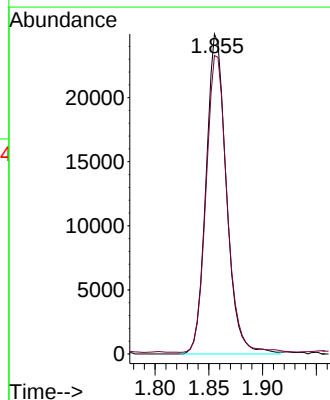
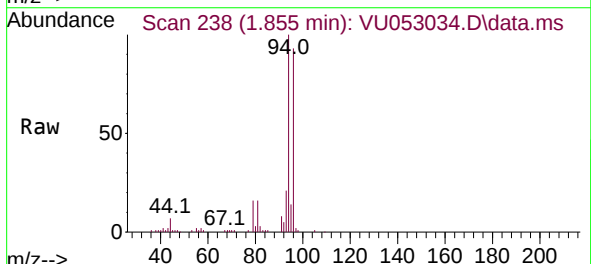
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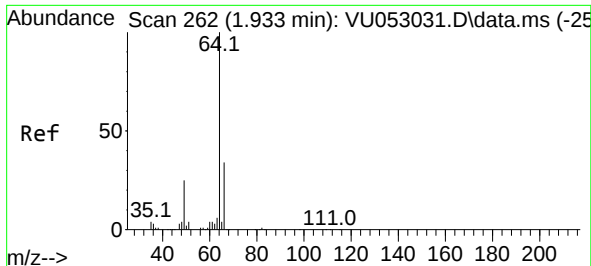
Tgt Ion: 62 Resp: 53378
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.5 41.9



#6
 Bromomethane
 Concen: 4.809 ug/L
 RT: 1.855 min Scan# 238
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

Tgt Ion: 94 Resp: 32859
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.3





#8

Chloroethane

Concen: 4.941 ug/L

RT: 1.932 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

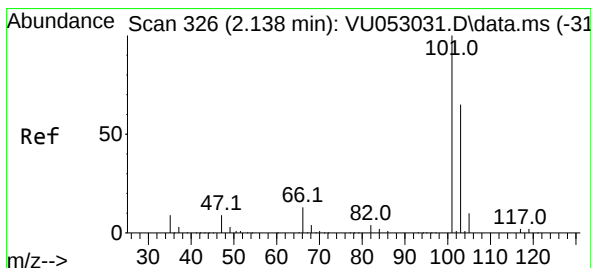
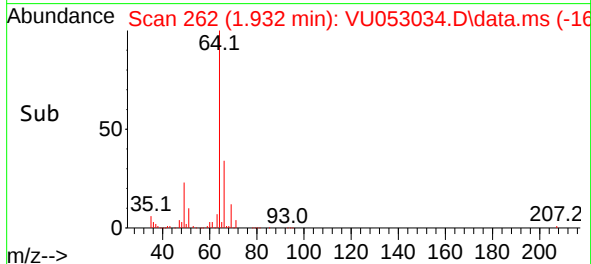
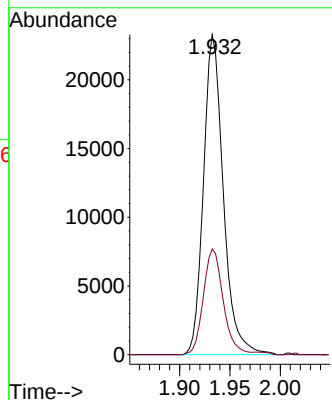
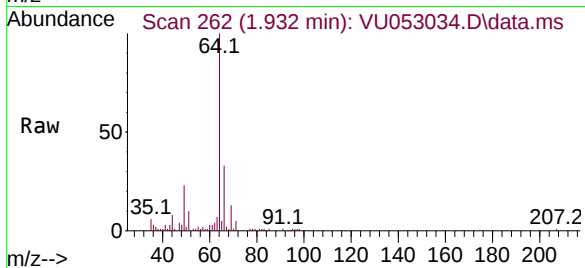
VICV012

Tgt Ion: 64 Resp: 31968

Ion Ratio Lower Upper

64 100

66 33.0 23.9 44.3



#9

Trichlorofluoromethane

Concen: 4.957 ug/L

RT: 2.138 min Scan# 326

Delta R.T. -0.000 min

Lab File: VU053034.D

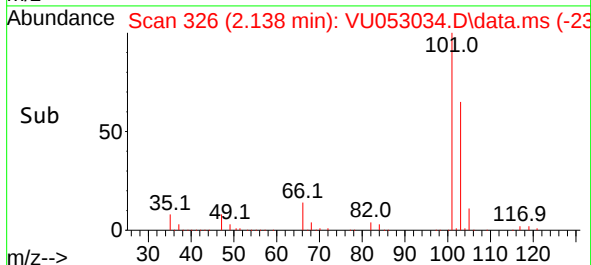
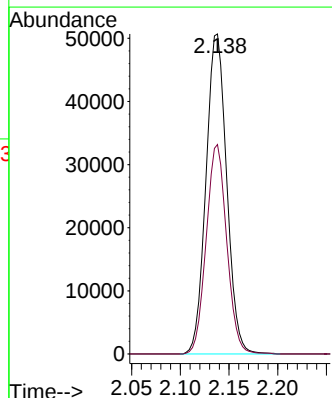
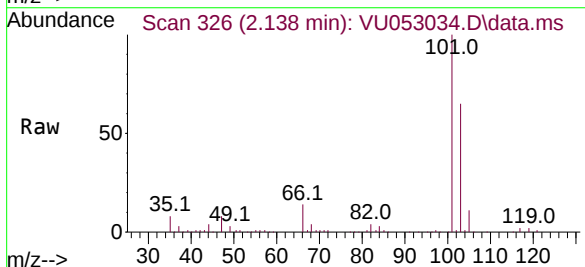
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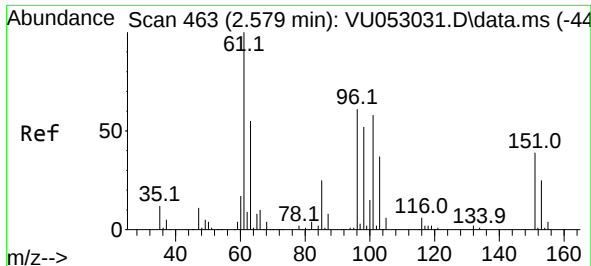
Tgt Ion: 101 Resp: 75028

Ion Ratio Lower Upper

101 100

103 64.8 52.6 78.8

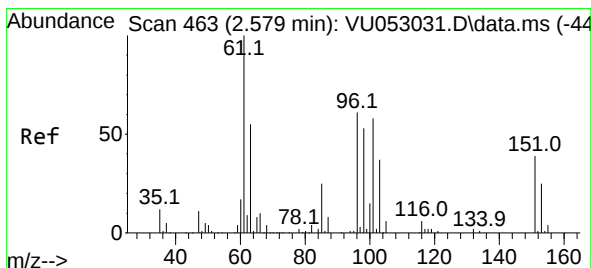
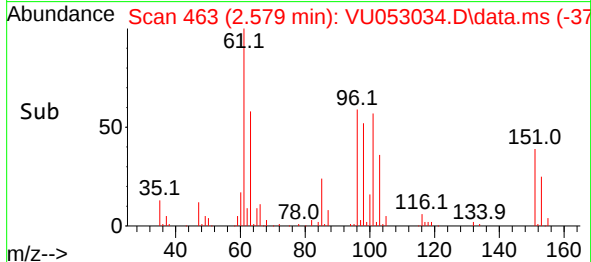
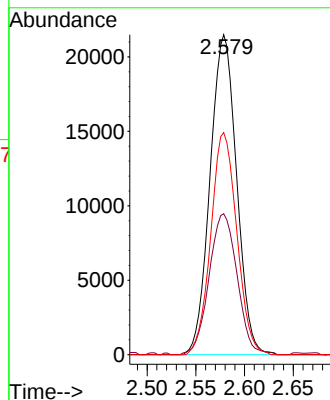
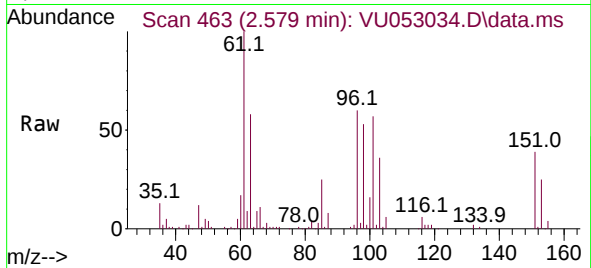




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.885 ug/L
 RT: 2.579 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

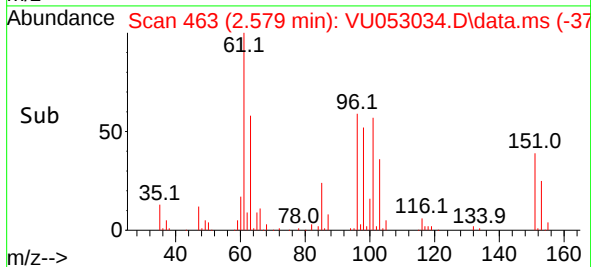
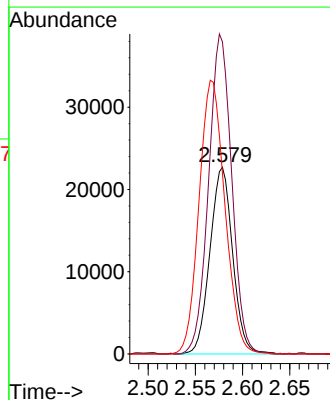
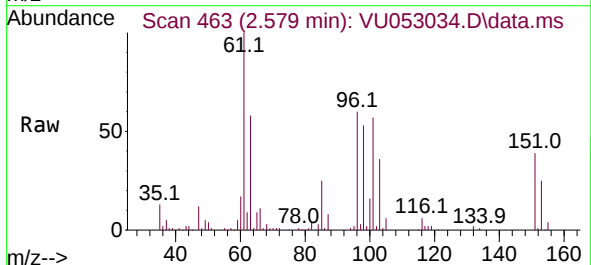
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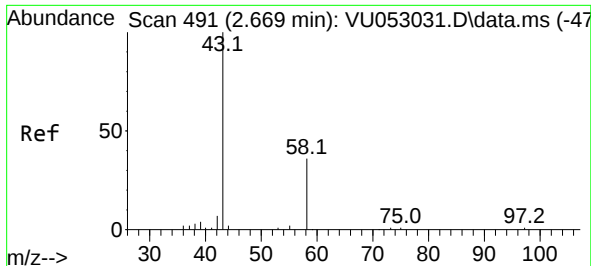
Tgt Ion:101 Resp: 40702
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.8 55.2
 151 68.2 53.8 80.8



#12
 1,1-Dichloroethene
 Concen: 4.923 ug/L
 RT: 2.579 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

Tgt Ion: 96 Resp: 37968
 Ion Ratio Lower Upper
 96 100
 61 167.2 115.1 213.7
 63 96.8 63.6 118.0





#13

Acetone

Concen: 13.604 ug/L

RT: 2.665 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

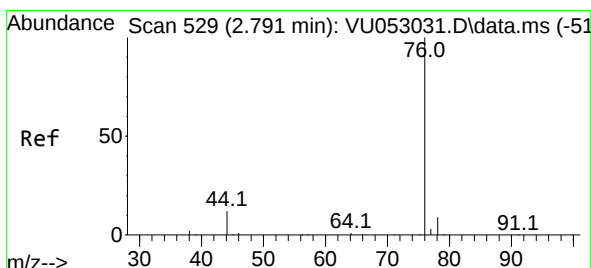
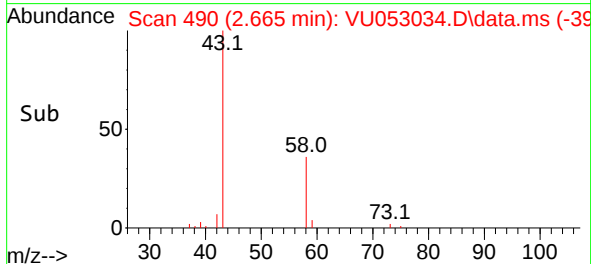
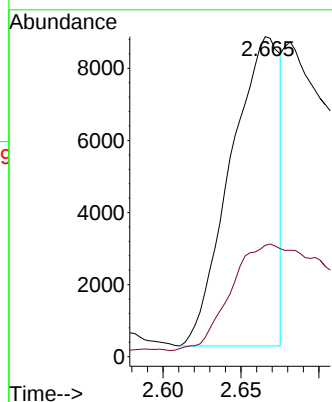
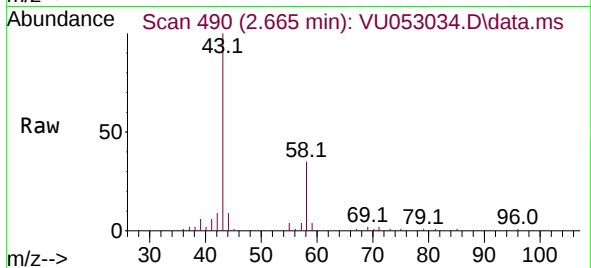
VICV012

Tgt Ion: 43 Resp: 18678

Ion Ratio Lower Upper

43 100

58 94.0 0.0 19.6#



#14

Carbon disulfide

Concen: 4.963 ug/L

RT: 2.791 min Scan# 529

Delta R.T. -0.000 min

Lab File: VU053034.D

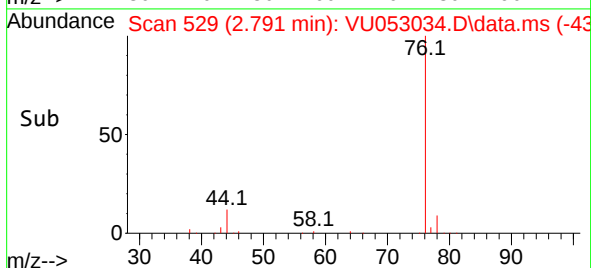
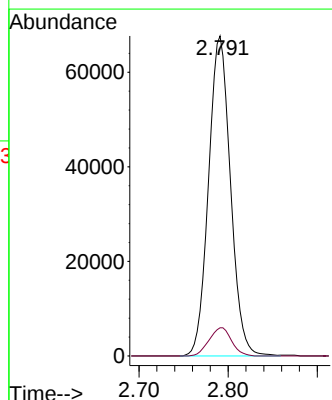
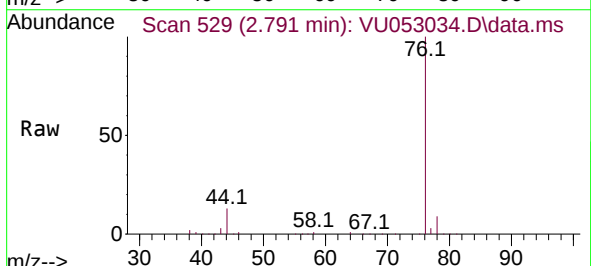
Acq: 10 Feb 2023 13:21

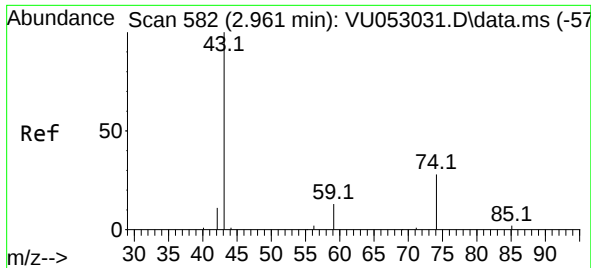
Tgt Ion: 76 Resp: 115574

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

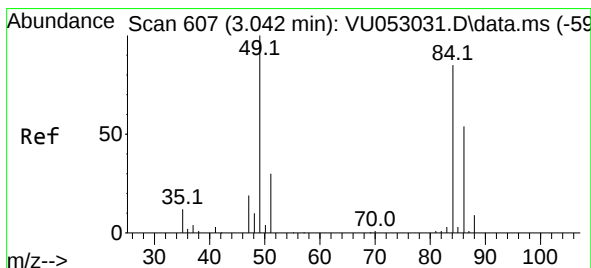
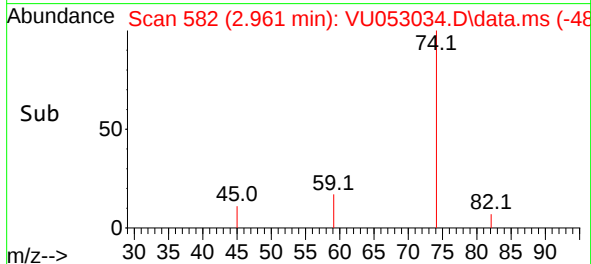
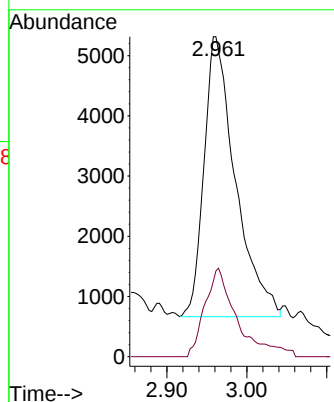
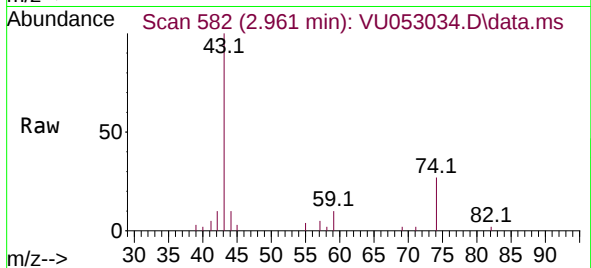




#15
Methyl Acetate
Concen: 3.786 ug/L
RT: 2.961 min Scan# 582
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

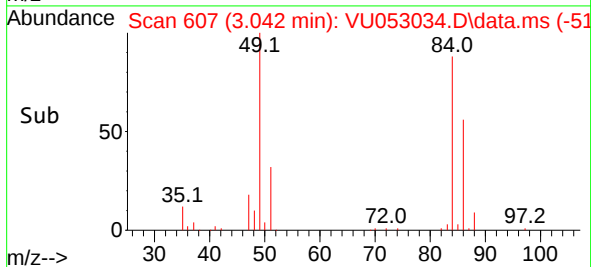
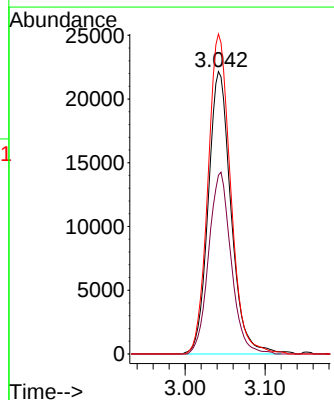
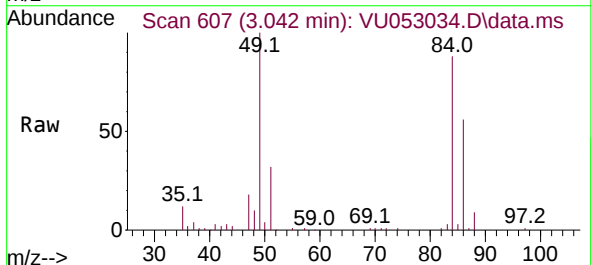
Instrument :
MSVOA_U
ClientSampleId :
VICV012

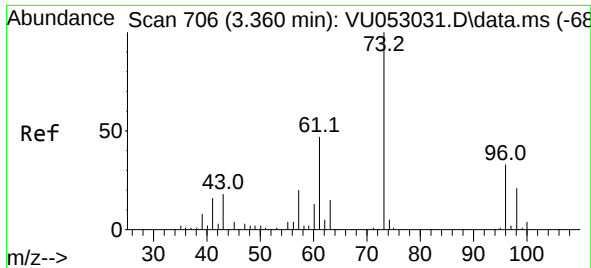
Tgt Ion: 43 Resp: 12692
Ion Ratio Lower Upper
43 100
74 32.4 14.3 21.5#



#16
Methylene chloride
Concen: 4.915 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion: 84 Resp: 43859
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.3
49 113.3 82.6 153.4

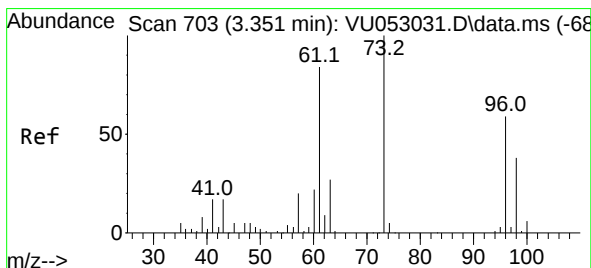
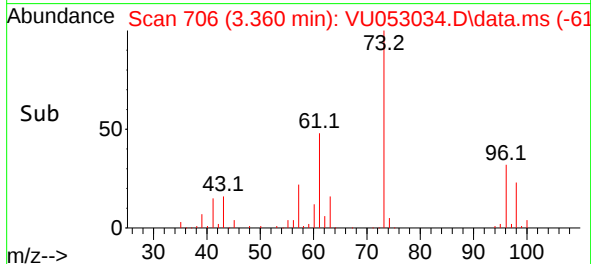
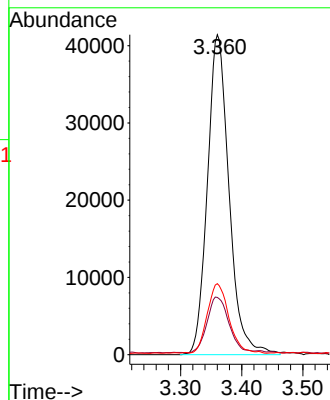
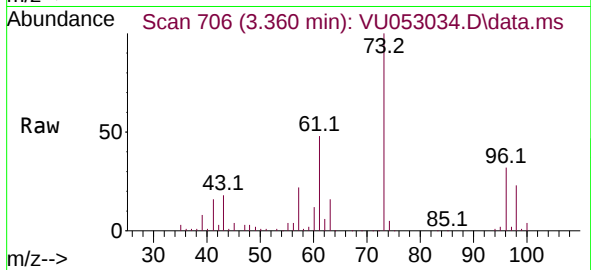




#17
Methyl tert-butyl Ether
Concen: 4.869 ug/L
RT: 3.360 min Scan# 706
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

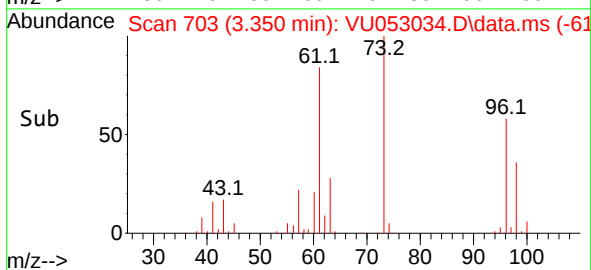
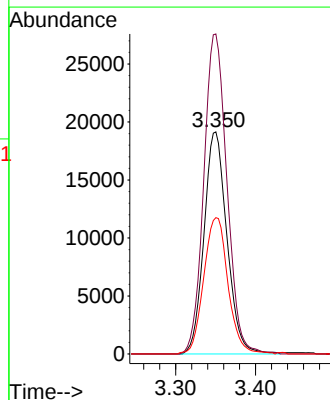
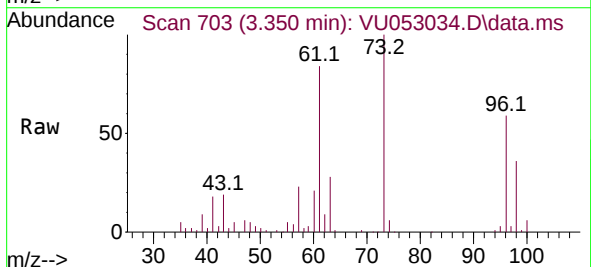
Instrument :
MSVOA_U
ClientSampleId :
VICV012

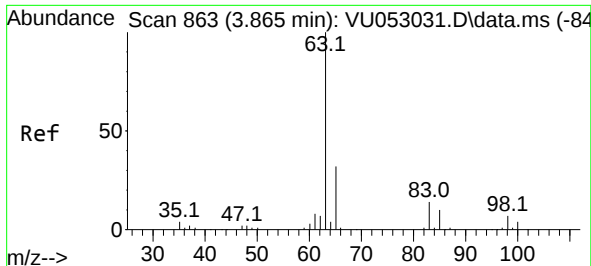
Tgt Ion: 73 Resp: 101973
Ion Ratio Lower Upper
73 100
43 17.6 14.6 21.8
57 21.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.695 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion: 96 Resp: 38314
Ion Ratio Lower Upper
96 100
61 144.1 99.5 184.9
98 61.4 44.8 83.2





#19

1,1-Dichloroethane

Concen: 4.947 ug/L

RT: 3.865 min Scan# 863

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VICV012

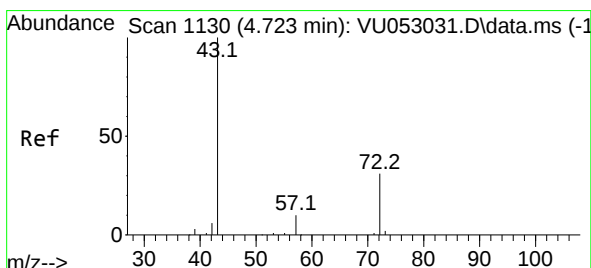
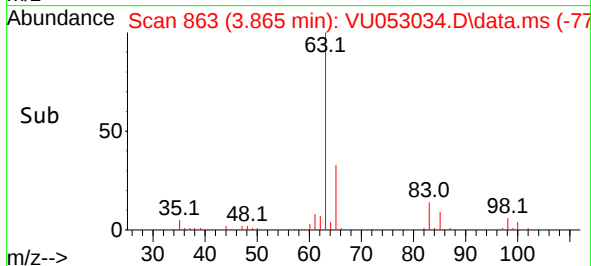
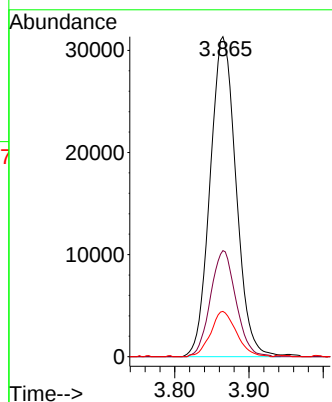
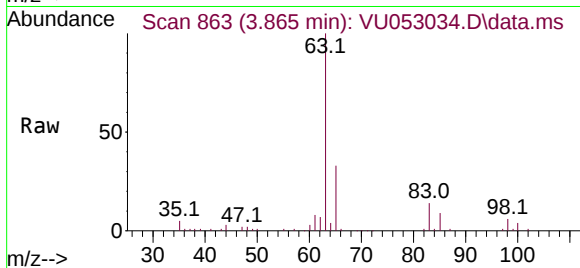
Tgt Ion: 63 Resp: 76040

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.3

83 14.1 9.8 18.2



#21

2-Butanone

Concen: 45.600 ug/L

RT: 4.726 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU053034.D

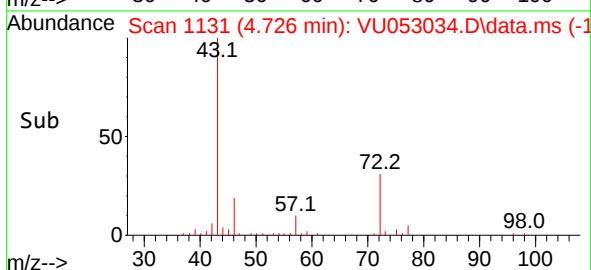
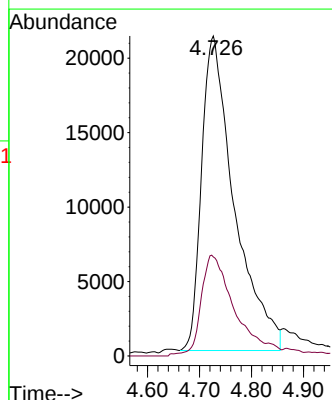
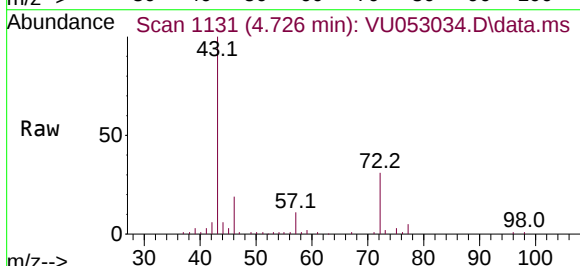
Acq: 10 Feb 2023 13:21

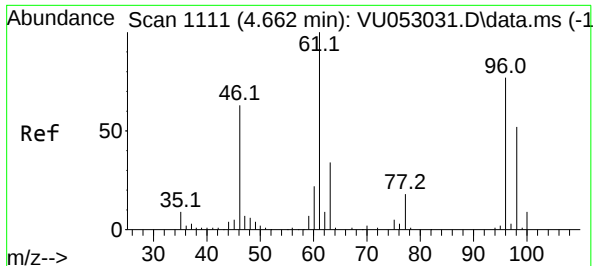
Tgt Ion: 43 Resp: 92492

Ion Ratio Lower Upper

43 100

72 31.7 14.5 43.5

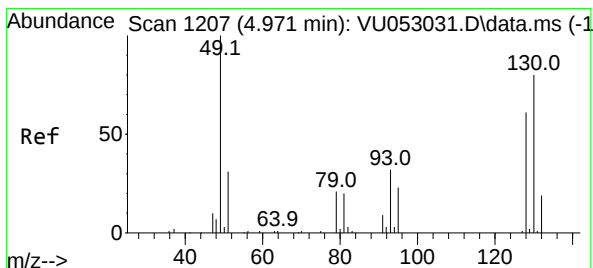
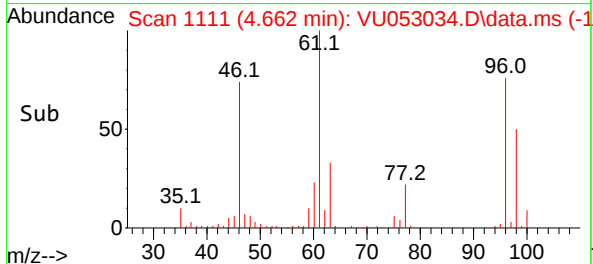
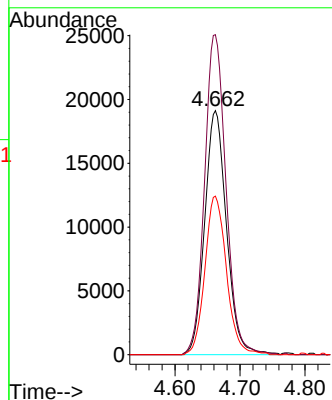
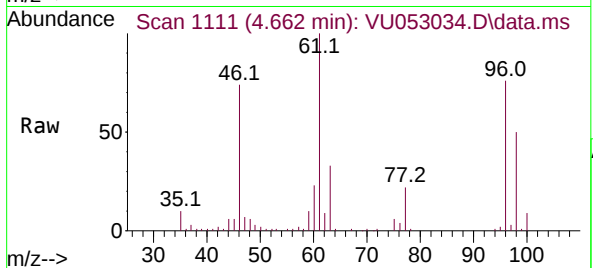




#22
 cis-1,2-Dichloroethene
 Concen: 4.857 ug/L
 RT: 4.662 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

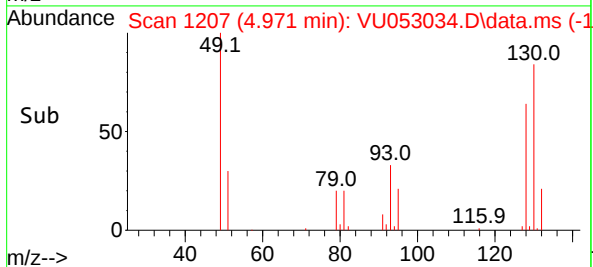
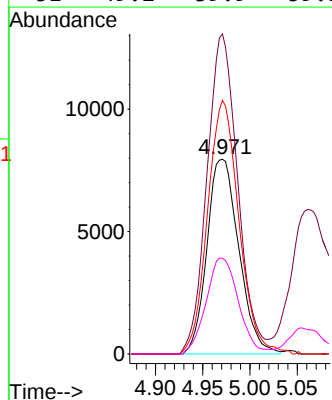
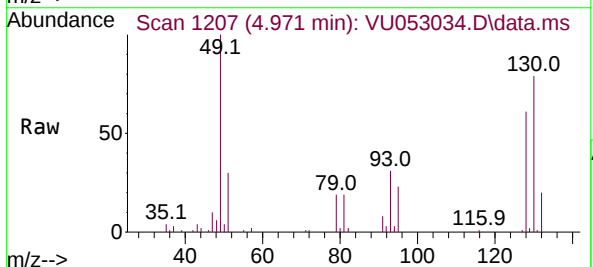
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

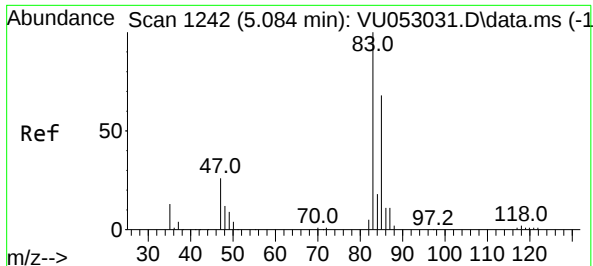
Tgt Ion: 96 Resp: 44734
 Ion Ratio Lower Upper
 96 100
 61 131.1 90.9 168.9
 98 65.0 47.0 87.4



#23
 Bromochloromethane
 Concen: 5.118 ug/L
 RT: 4.971 min Scan# 1207
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

Tgt Ion: 128 Resp: 18668
 Ion Ratio Lower Upper
 128 100
 49 164.3 114.2 212.0
 130 130.2 91.6 170.2
 51 49.2 39.9 59.9





#25

Chloroform

Concen: 4.792 ug/L

RT: 5.083 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

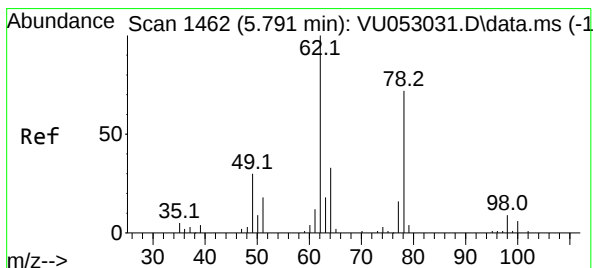
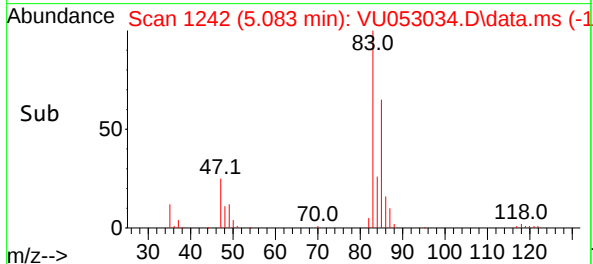
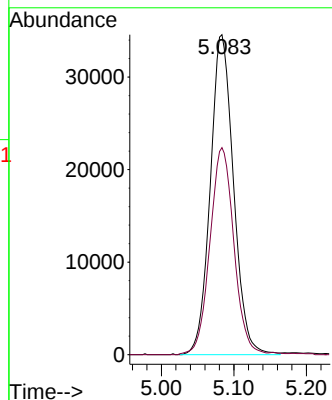
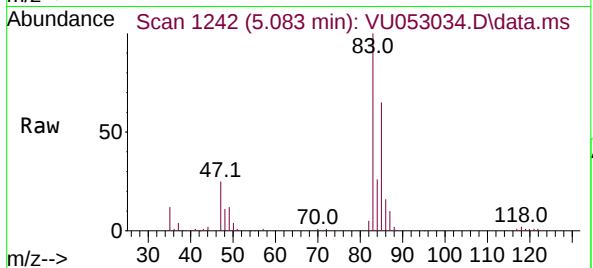
VICV012

Tgt Ion: 83 Resp: 76995

Ion Ratio Lower Upper

83 100

85 64.7 47.7 88.5



#27

1,2-Dichloroethane

Concen: 4.970 ug/L

RT: 5.791 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VU053034.D

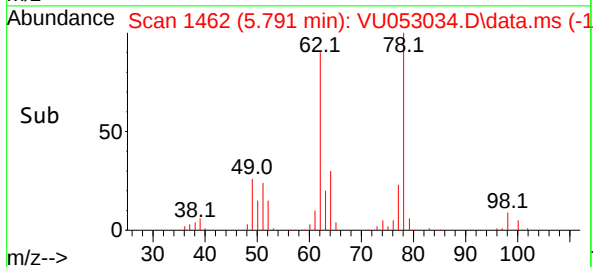
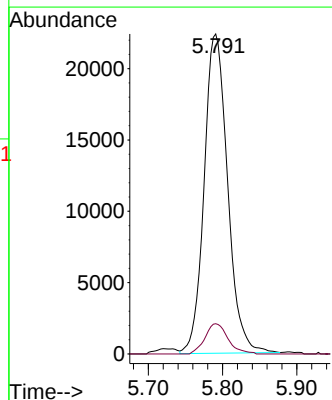
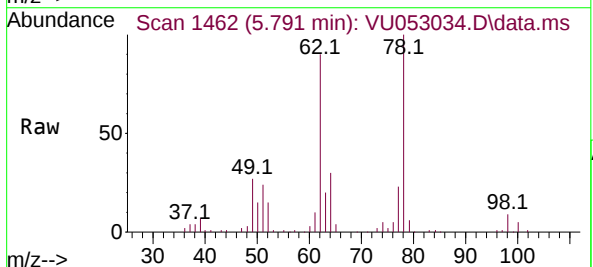
Acq: 10 Feb 2023 13:21

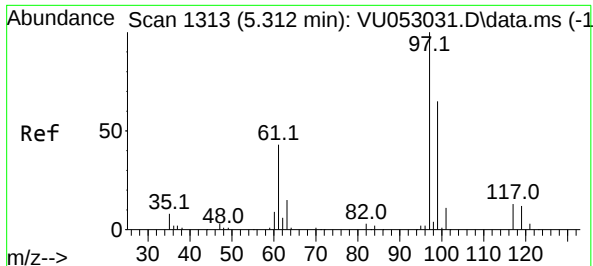
Tgt Ion: 62 Resp: 49087

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.919 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VICV012

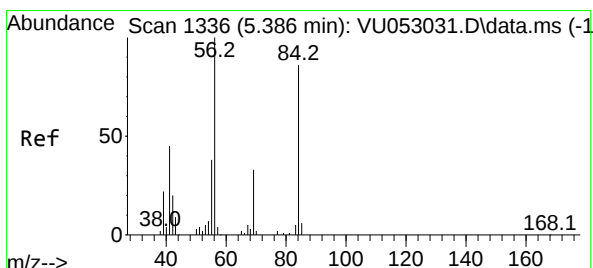
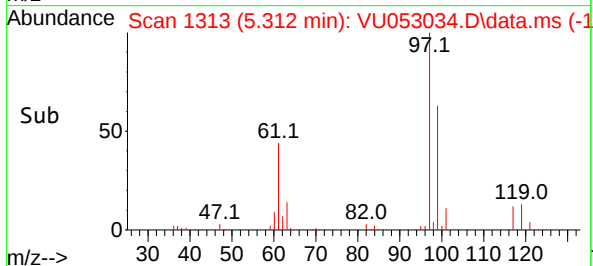
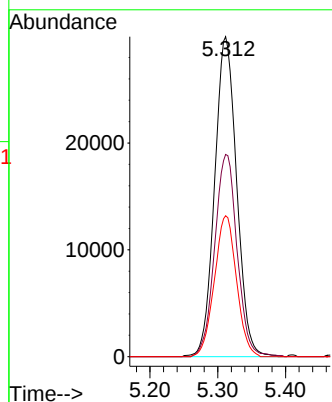
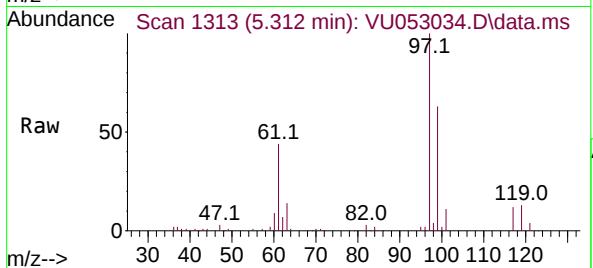
Tgt Ion: 97 Resp: 67581

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 44.3 34.2 51.4



#30

Cyclohexane

Concen: 4.860 ug/L

RT: 5.382 min Scan# 1335

Delta R.T. -0.003 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

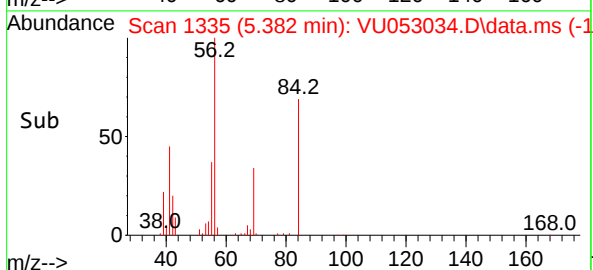
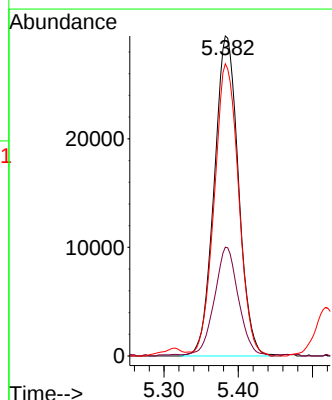
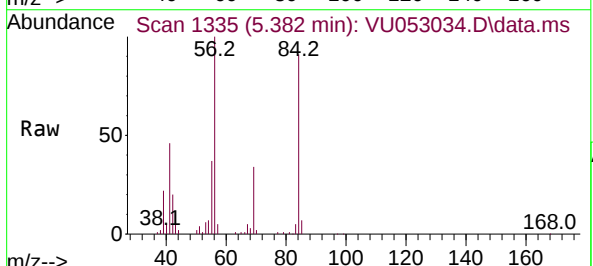
Tgt Ion: 56 Resp: 66757

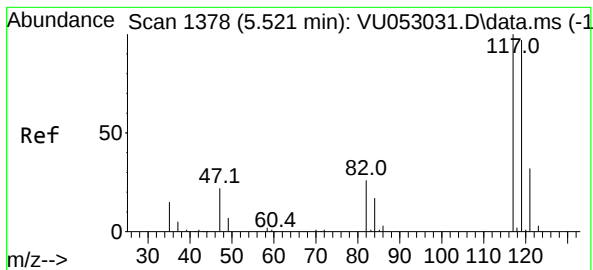
Ion Ratio Lower Upper

56 100

69 33.9 27.0 40.6

84 92.0 70.8 106.2

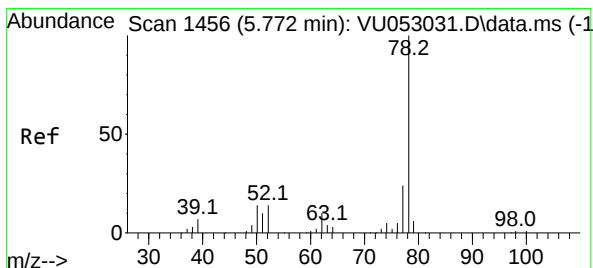
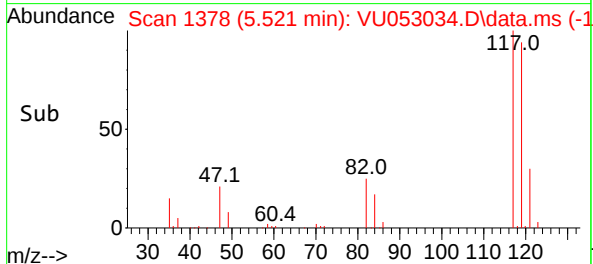
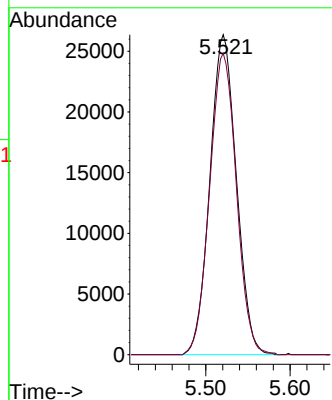
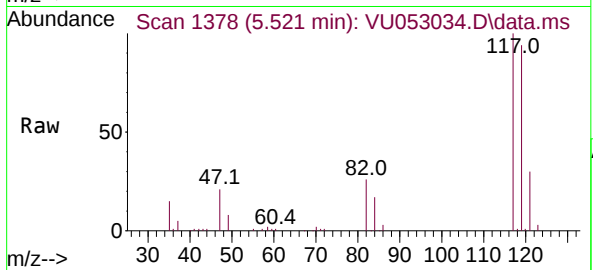




#31
Carbon tetrachloride
Concen: 5.020 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

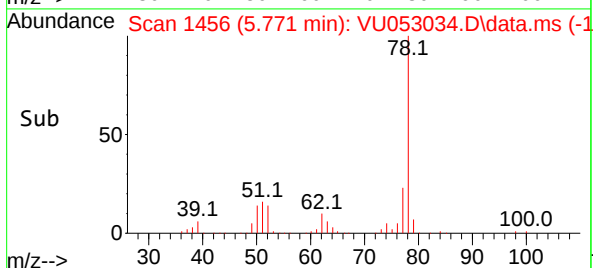
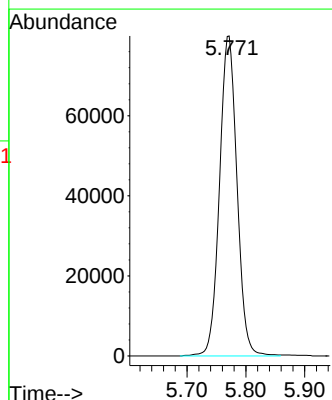
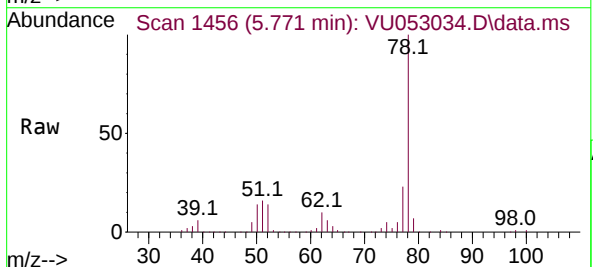
Instrument :
MSVOA_U
ClientSampleId :
VICV012

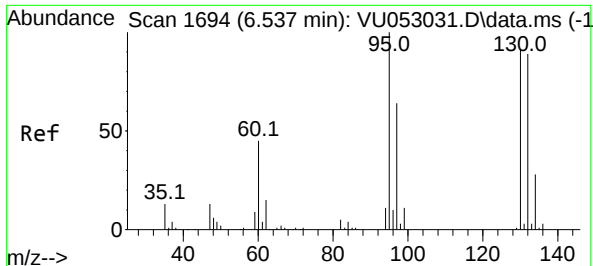
Tgt Ion:117 Resp: 57562
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0



#33
Benzene
Concen: 4.986 ug/L
RT: 5.771 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion: 78 Resp: 165223

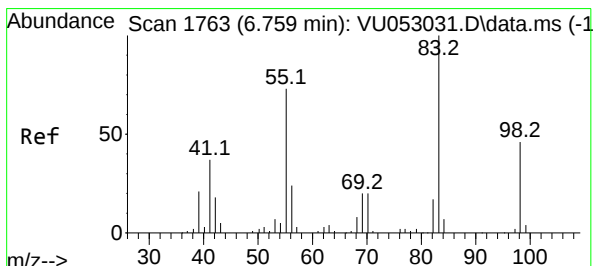
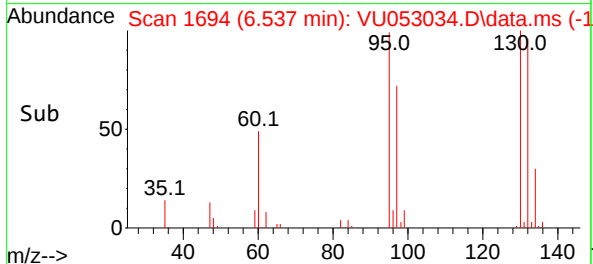
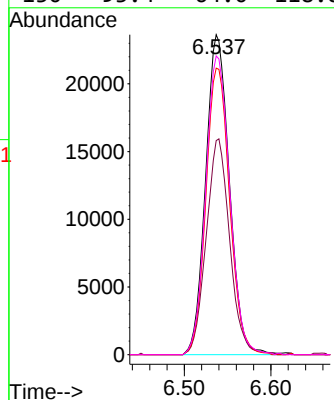
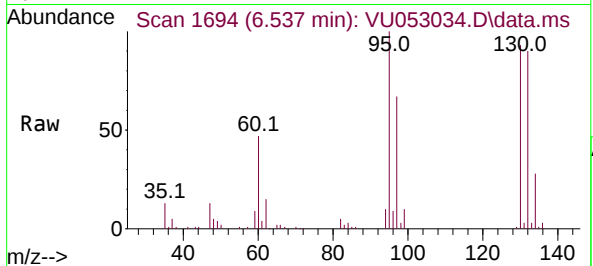




#34
Trichloroethene
Concen: 4.830 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

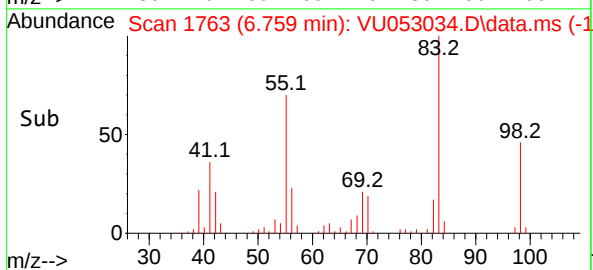
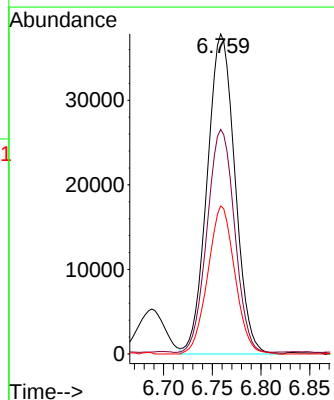
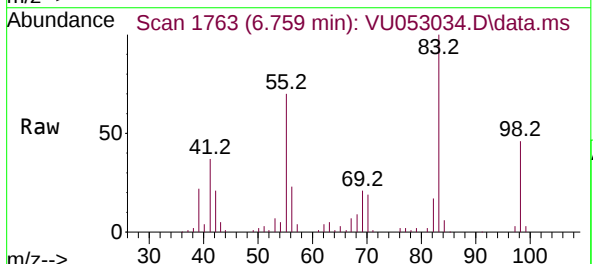
Instrument :
MSVOA_U
ClientSampleId :
VICV012

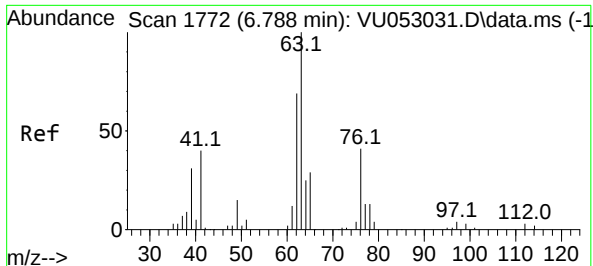
Tgt Ion: 95 Resp: 45038
Ion Ratio Lower Upper
95 100
97 66.9 44.7 82.9
132 89.5 62.3 115.7
130 93.4 64.0 118.8



#35
Methylcyclohexane
Concen: 4.979 ug/L
RT: 6.759 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion: 83 Resp: 75166
Ion Ratio Lower Upper
83 100
55 68.8 57.9 86.9
98 45.0 36.4 54.6





#37

1,2-Dichloropropane

Concen: 4.973 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

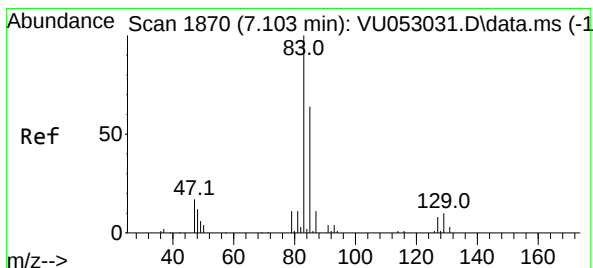
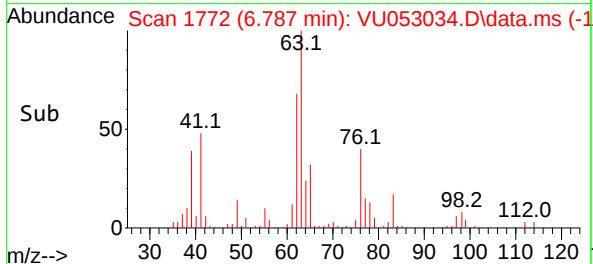
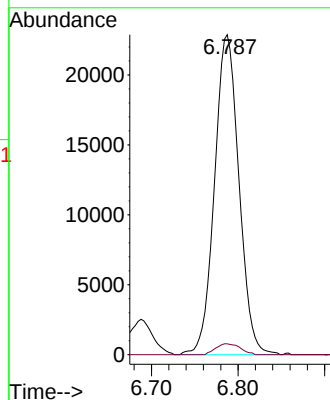
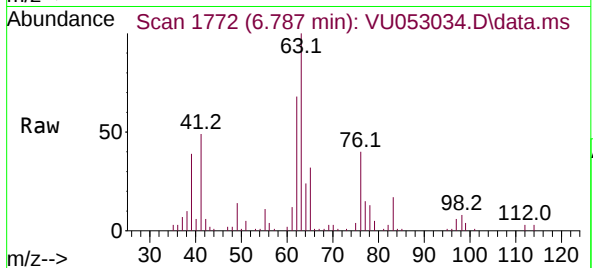
VICV012

Tgt Ion: 63 Resp: 44877

Ion Ratio Lower Upper

63 100

112 3.4 2.7 4.1



#38

Bromodichloromethane

Concen: 4.872 ug/L

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

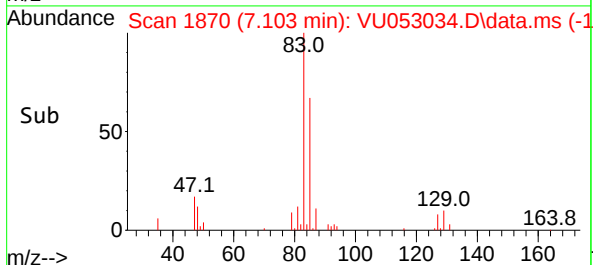
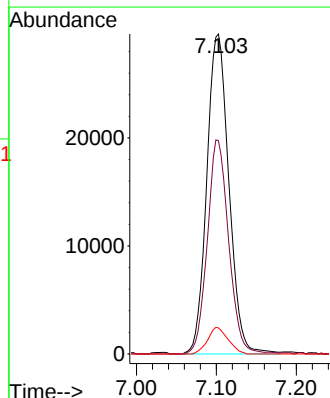
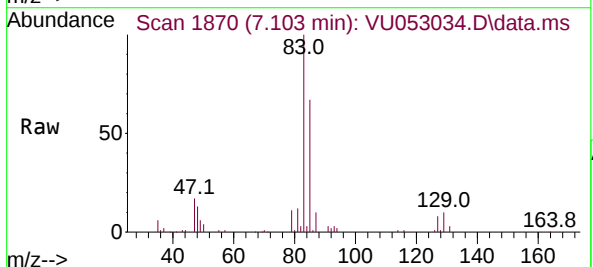
Tgt Ion: 83 Resp: 57003

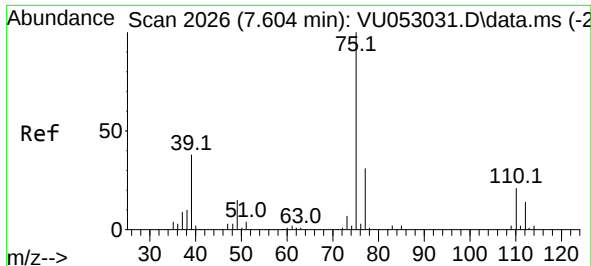
Ion Ratio Lower Upper

83 100

85 66.6 44.7 82.9

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.040 ug/L

RT: 7.604 min Scan# 2026

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

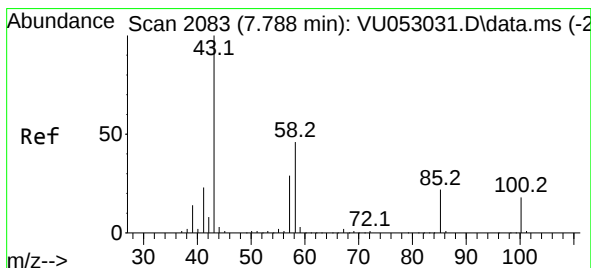
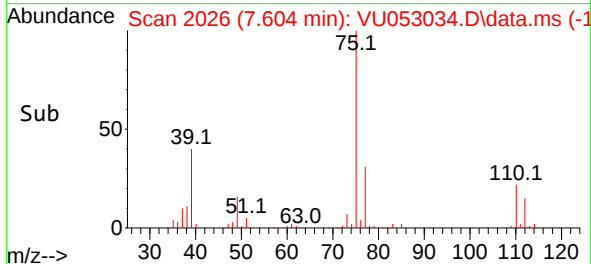
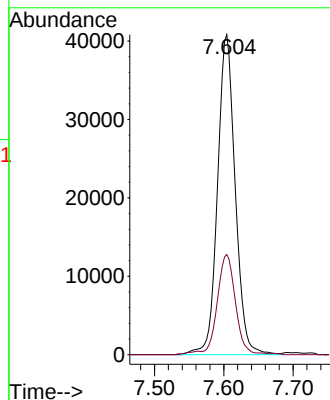
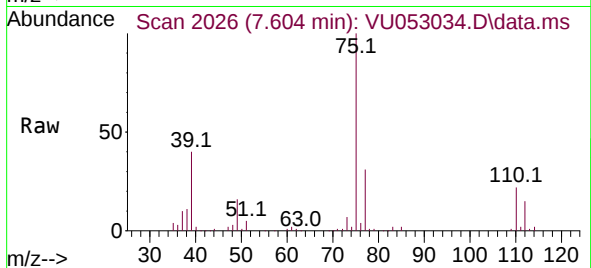
VICV012

Tgt Ion: 75 Resp: 72538

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 50.373 ug/L

RT: 7.787 min Scan# 2083

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

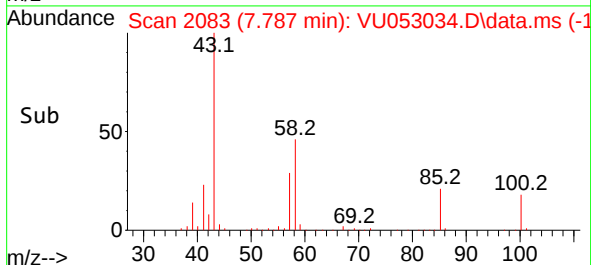
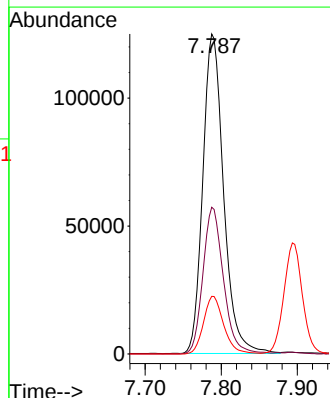
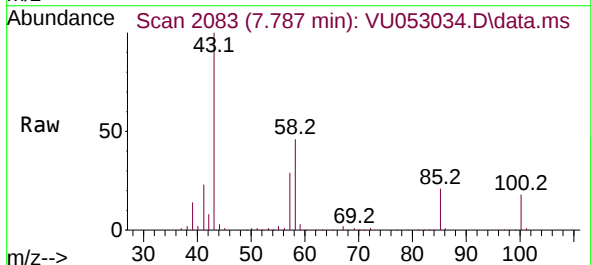
Tgt Ion: 43 Resp: 237280

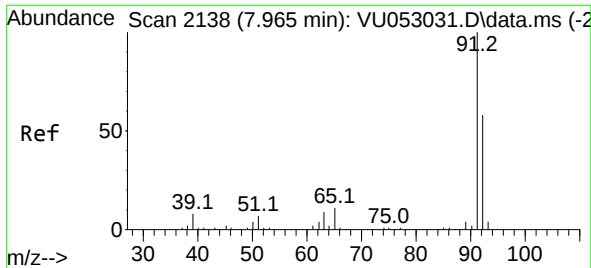
Ion Ratio Lower Upper

43 100

58 45.4 35.9 53.9

100 17.5 13.8 20.6





#42

Toluene

Concen: 4.969 ug/L

RT: 7.964 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

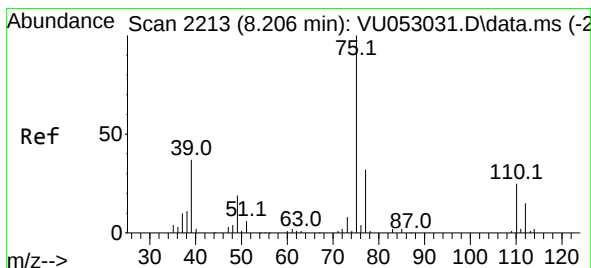
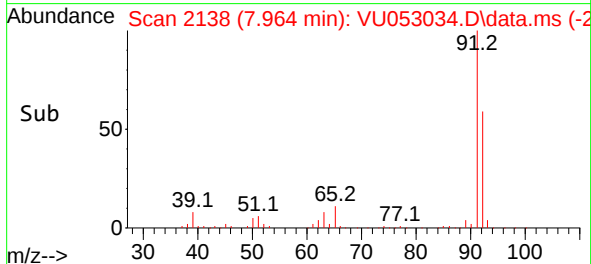
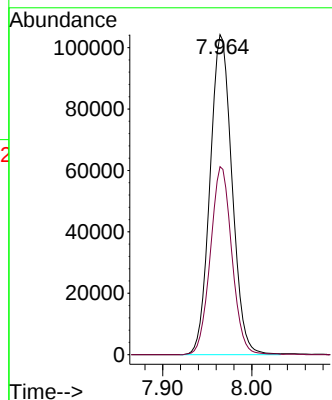
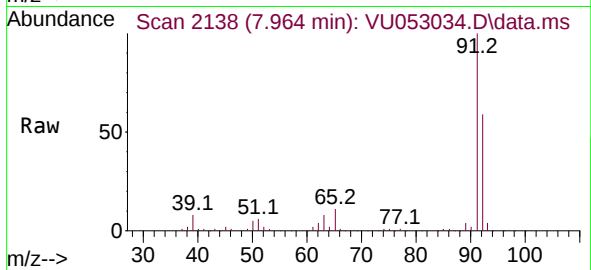
VICV012

Tgt Ion: 91 Resp: 178854

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.977 ug/L

RT: 8.205 min Scan# 2213

Delta R.T. -0.000 min

Lab File: VU053034.D

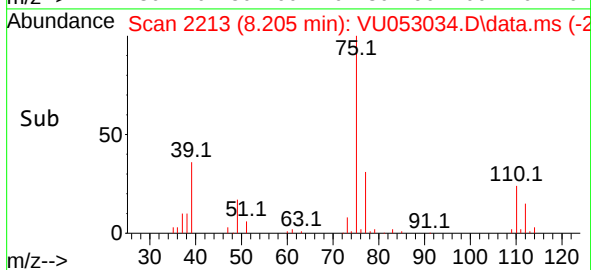
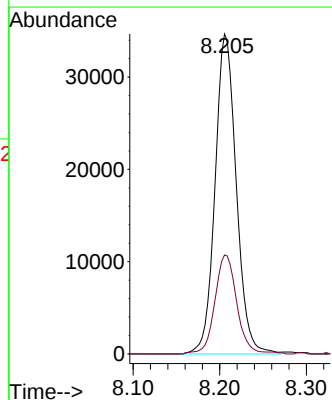
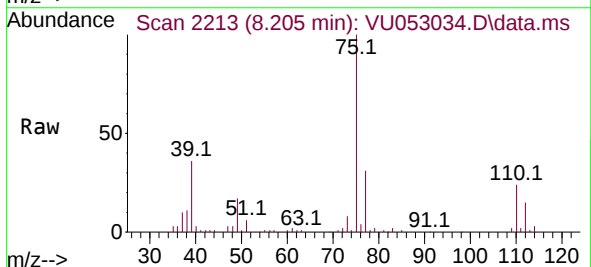
Acq: 10 Feb 2023 13:21

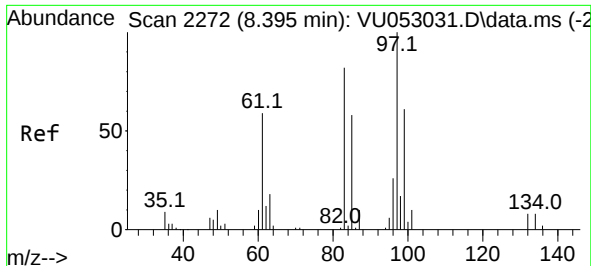
Tgt Ion: 75 Resp: 59087

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 4.908 ug/L

RT: 8.395 min Scan# 2272

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VICV012

Tgt Ion: 97 Resp: 31907

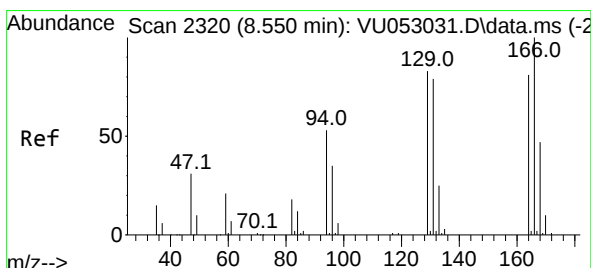
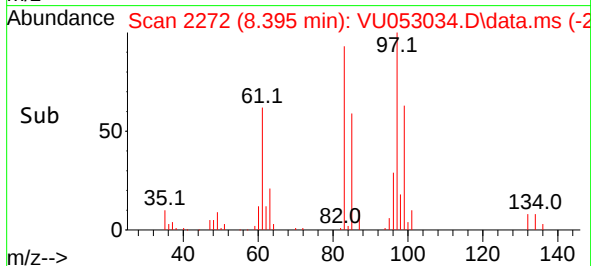
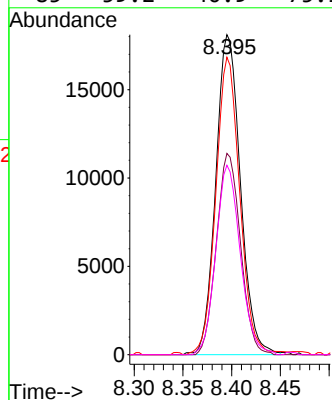
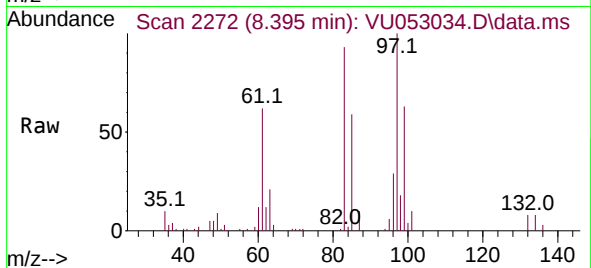
Ion Ratio Lower Upper

97 100

99 62.9 43.0 79.8

83 92.9 58.0 107.8

85 59.2 40.9 75.9



#47

Tetrachloroethene

Concen: 4.921 ug/L

RT: 8.549 min Scan# 2320

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Tgt Ion:164 Resp: 29824

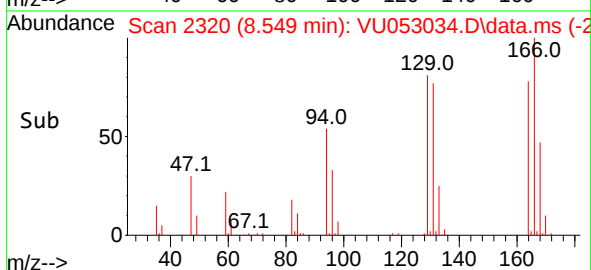
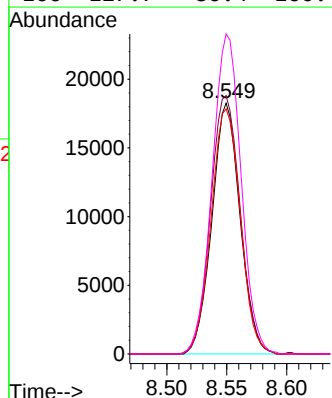
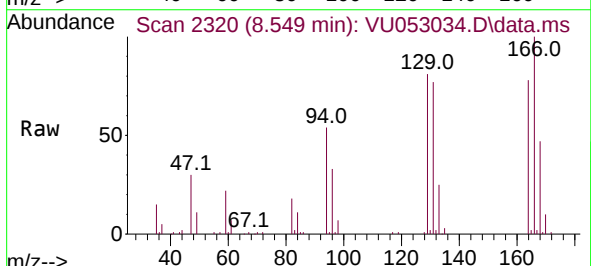
Ion Ratio Lower Upper

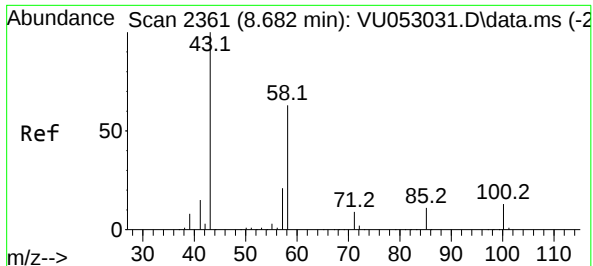
164 100

129 103.1 71.7 133.1

131 97.8 67.8 126.0

166 127.7 86.4 160.4



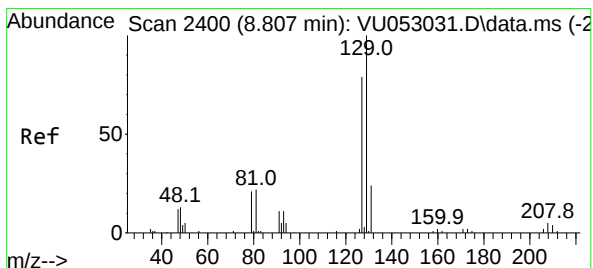
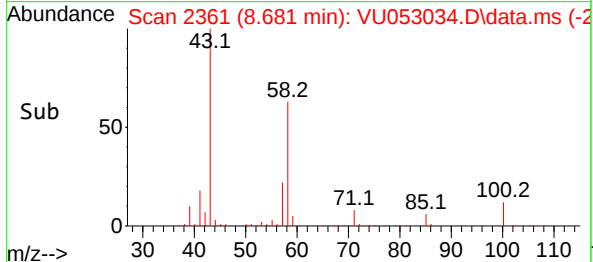
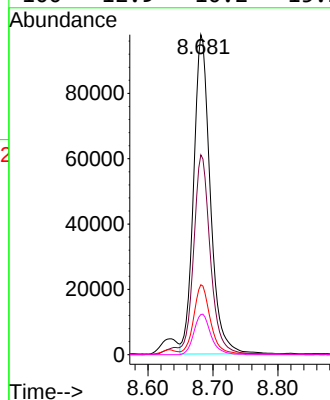
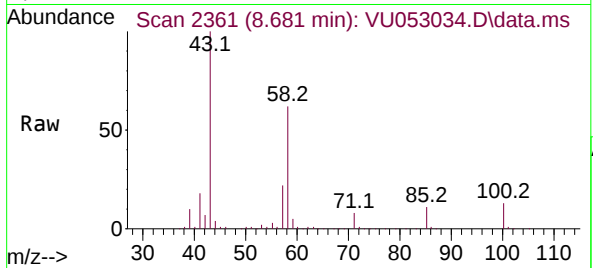


#48
2-Hexanone
Concen: 50.590 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VICV012

Tgt Ion: 43 Resp: 174898

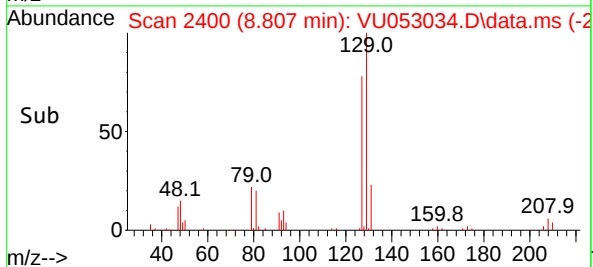
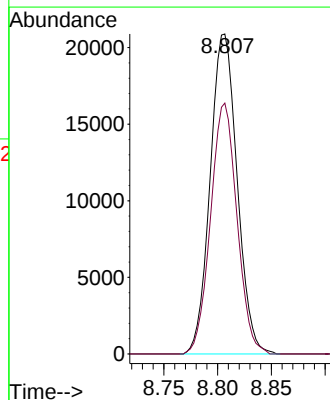
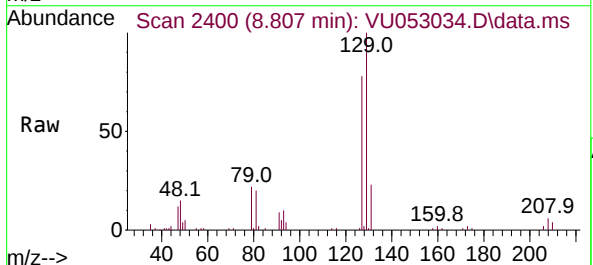
Ion	Ratio	Lower	Upper
43	100		
58	64.5	50.3	75.5
57	21.7	17.4	26.0
100	12.9	10.2	15.2

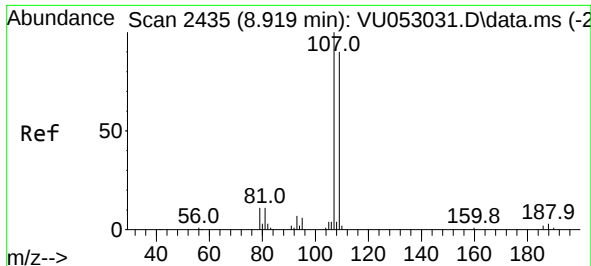


#49
Dibromochloromethane
Concen: 5.147 ug/L
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion: 129 Resp: 36485

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	102.1

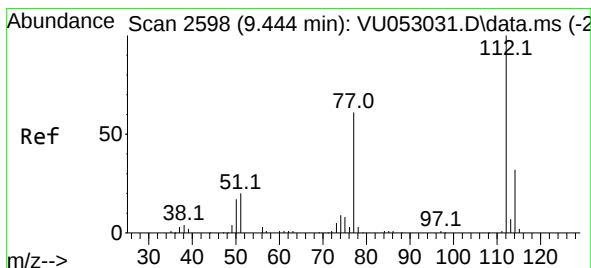
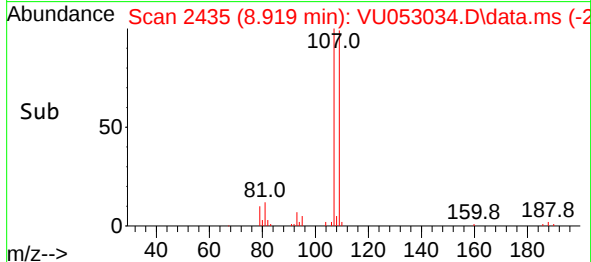
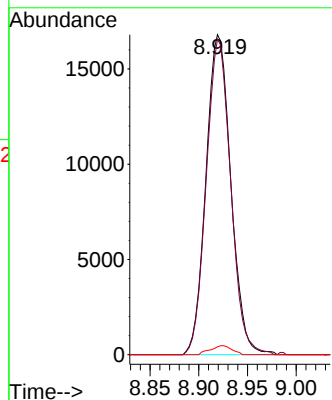
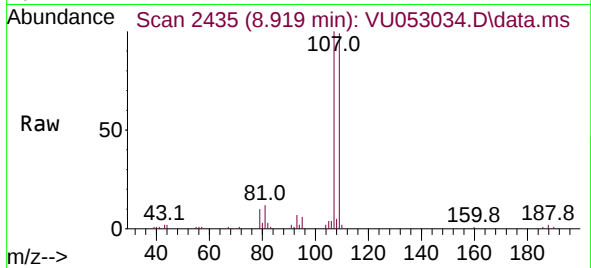




#50
1,2-Dibromoethane
Concen: 4.978 ug/L
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

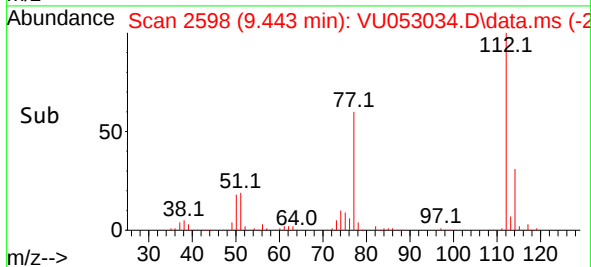
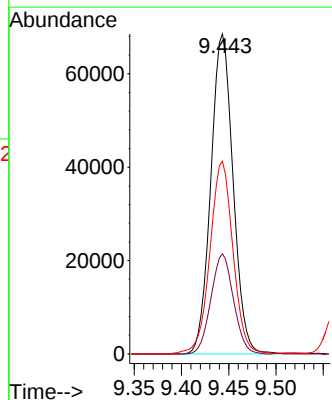
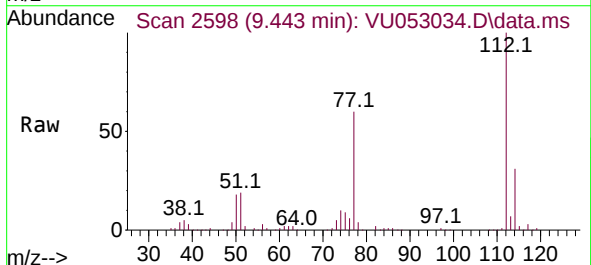
Instrument :
MSVOA_U
ClientSampleId :
VICV012

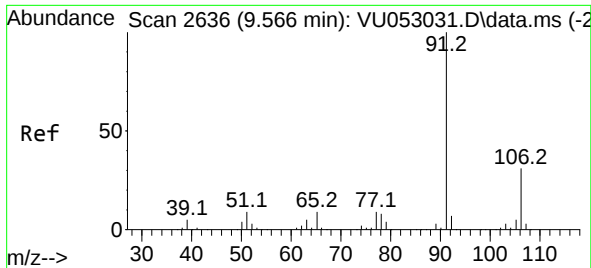
Tgt Ion:107 Resp: 29859
Ion Ratio Lower Upper
107 100
109 98.6 63.1 117.1
188 2.5 2.5 3.7#



#51
Chlorobenzene
Concen: 5.002 ug/L
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion:112 Resp: 112331
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 60.2 48.9 73.3

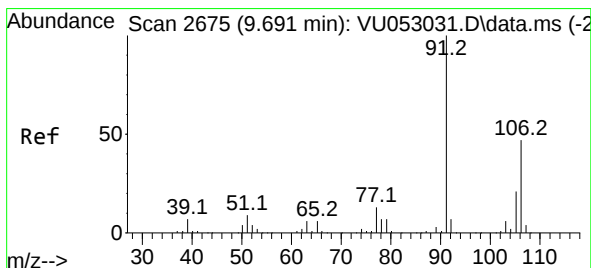
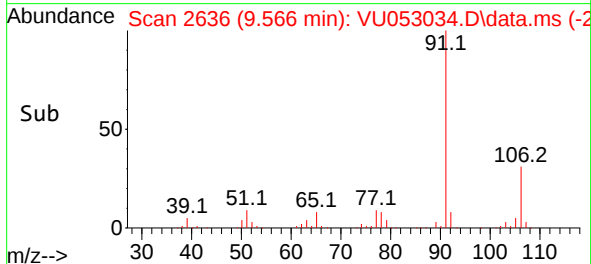
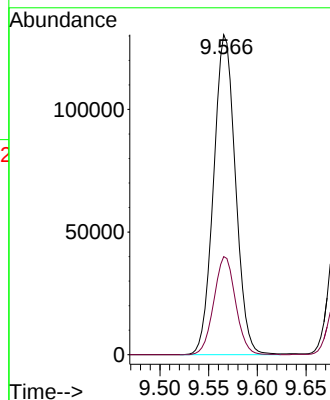
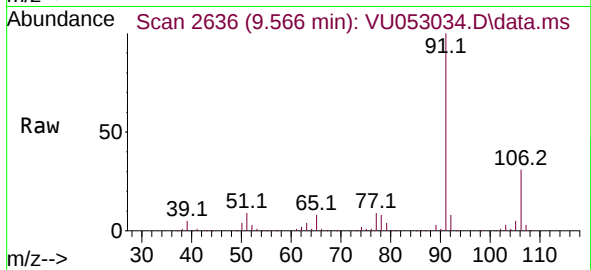




#52
Ethylbenzene
Concen: 4.987 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

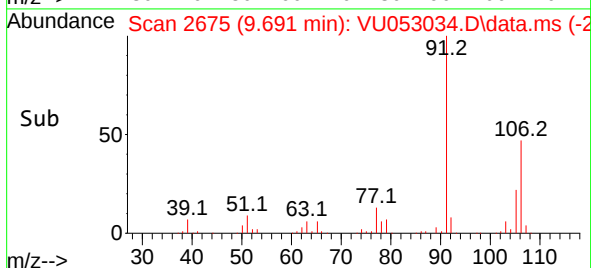
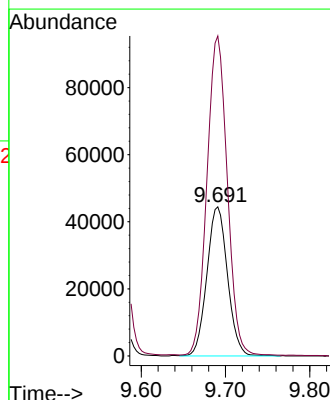
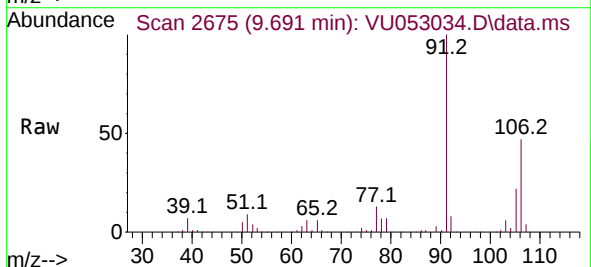
Instrument :
MSVOA_U
ClientSampleId :
VICV012

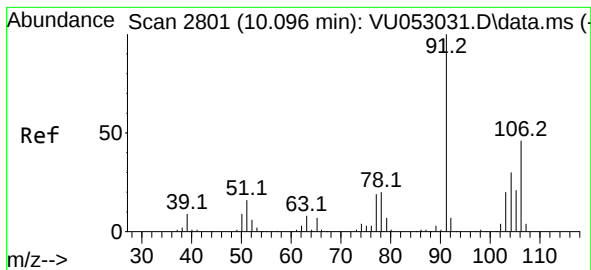
Tgt Ion: 91 Resp: 203722
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.960 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion: 106 Resp: 75757
Ion Ratio Lower Upper
106 100
91 214.5 149.9 278.3





#54

o-Xylene

Concen: 5.025 ug/L

RT: 10.096 min Scan# 2801

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

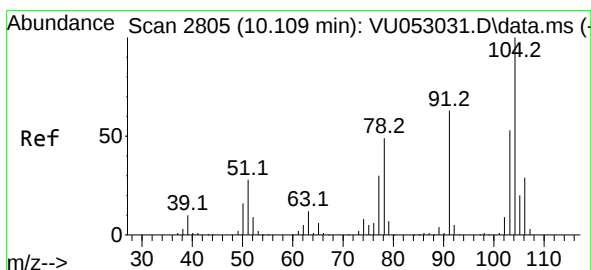
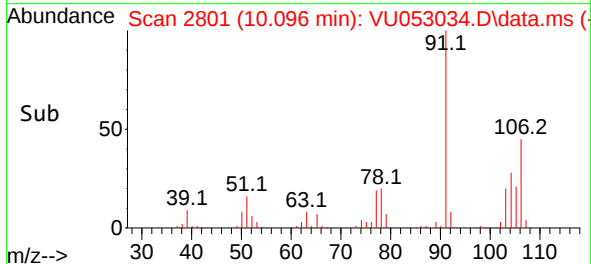
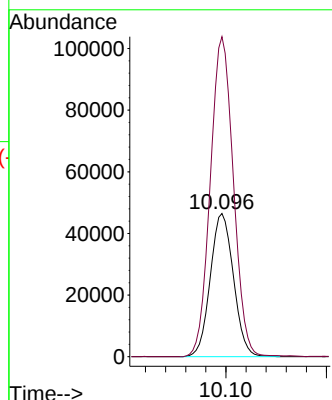
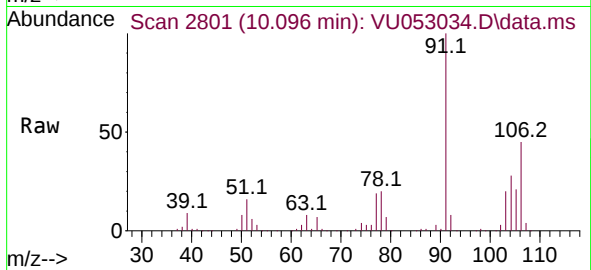
VICV012

Tgt Ion:106 Resp: 74412

Ion Ratio Lower Upper

106 100

91 223.4 153.6 285.2



#55

Styrene

Concen: 5.087 ug/L

RT: 10.109 min Scan# 2805

Delta R.T. -0.000 min

Lab File: VU053034.D

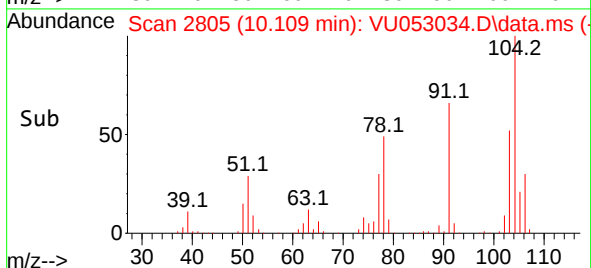
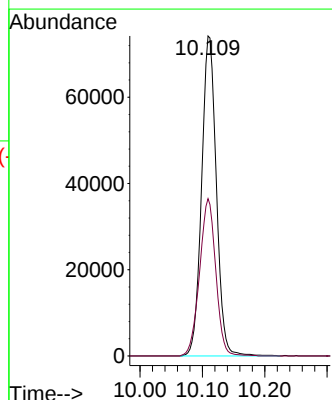
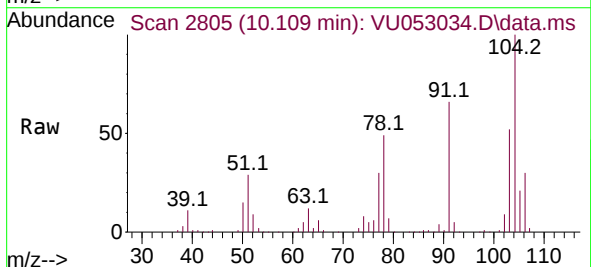
Acq: 10 Feb 2023 13:21

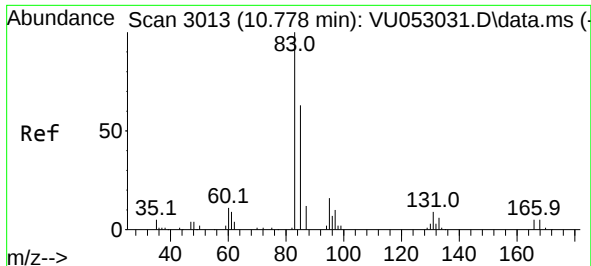
Tgt Ion:104 Resp: 122196

Ion Ratio Lower Upper

104 100

78 49.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.050 ug/L

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VICV012

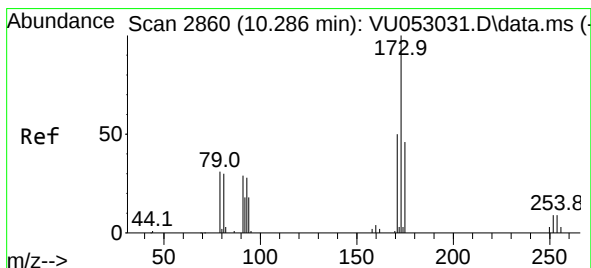
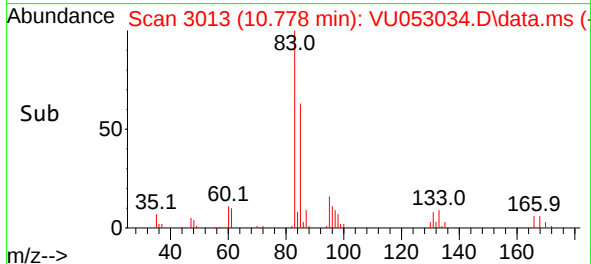
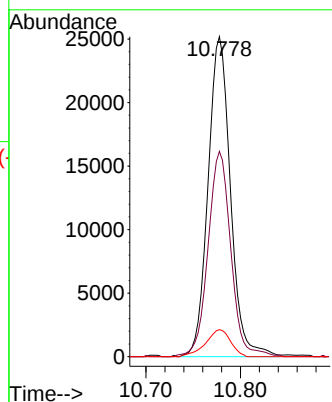
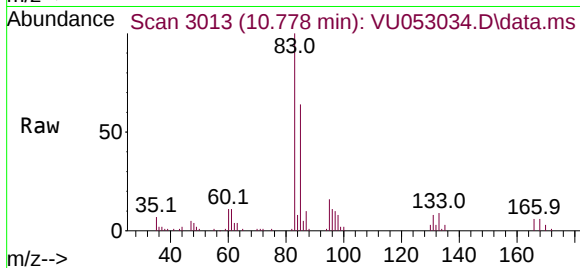
Tgt Ion: 83 Resp: 41538

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

131 8.4 7.8 11.6



#59

Bromoform

Concen: 5.015 ug/L

RT: 10.286 min Scan# 2860

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

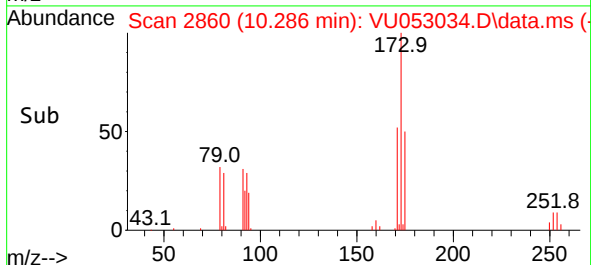
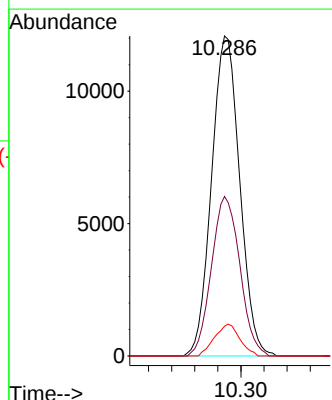
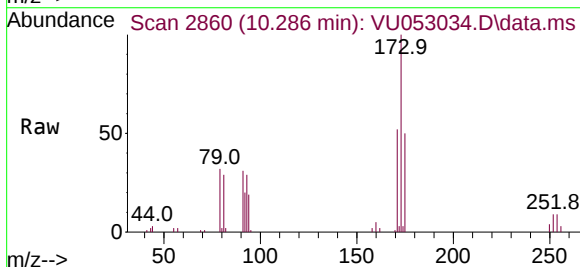
Tgt Ion:173 Resp: 20421

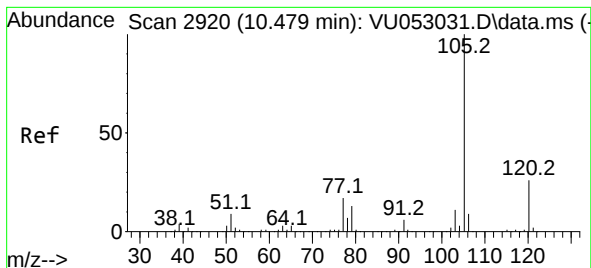
Ion Ratio Lower Upper

173 100

175 50.3 38.9 58.3

254 8.9 7.0 10.4





#60

Isopropylbenzene

Concen: 4.987 ug/L

RT: 10.479 min Scan# 2920

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VICV012

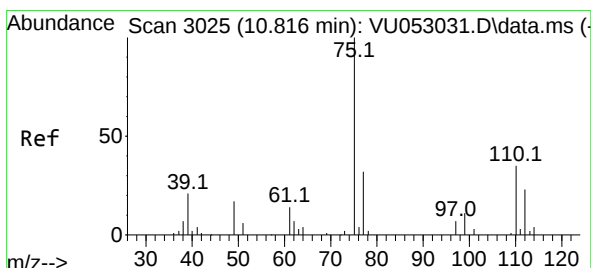
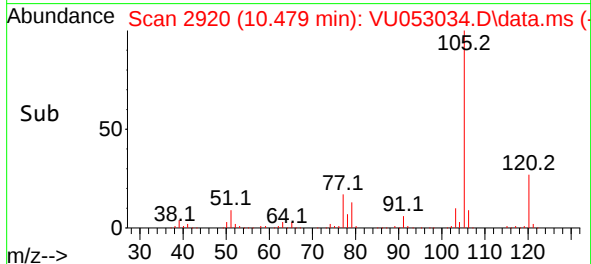
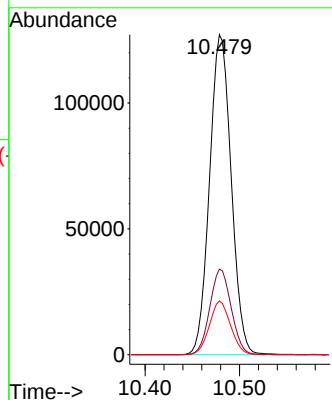
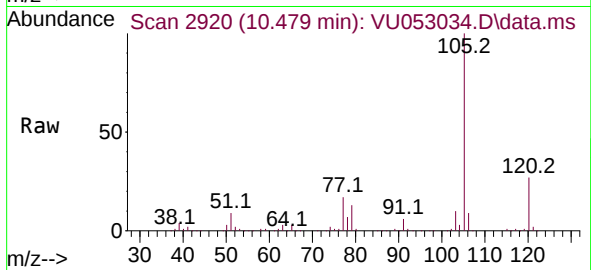
Tgt Ion:105 Resp: 202114

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 16.5 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.161 ug/L

RT: 10.816 min Scan# 3025

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

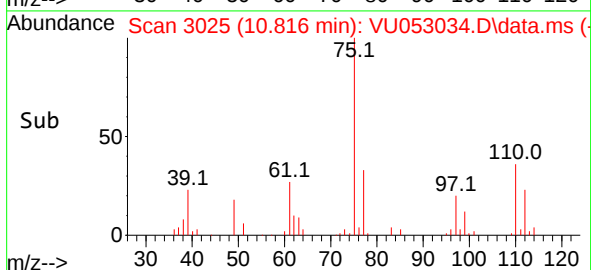
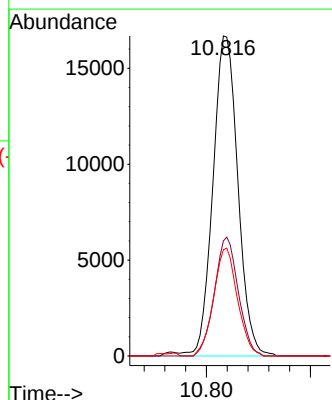
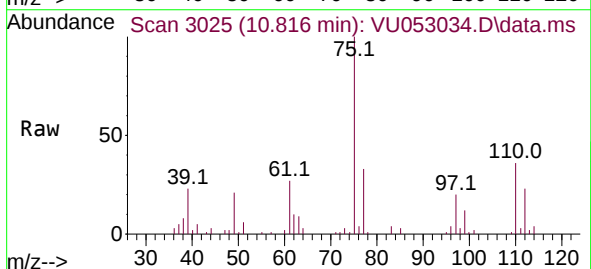
Tgt Ion: 75 Resp: 27759

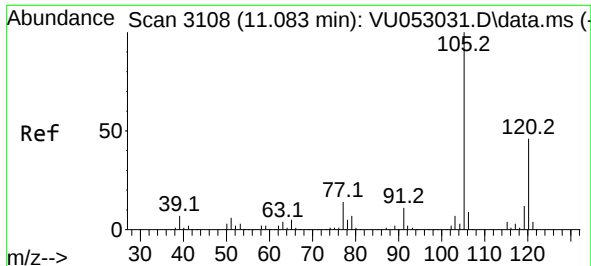
Ion Ratio Lower Upper

75 100

110 35.5 28.6 42.8

77 32.3 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 4.985 ug/L

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

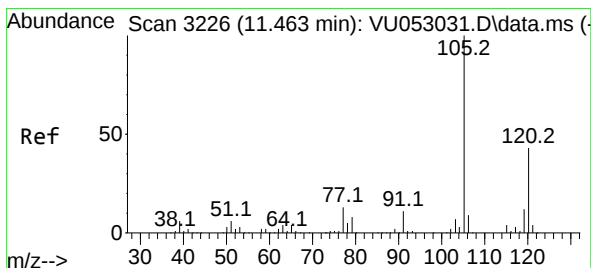
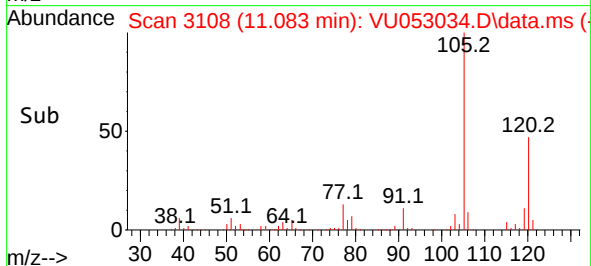
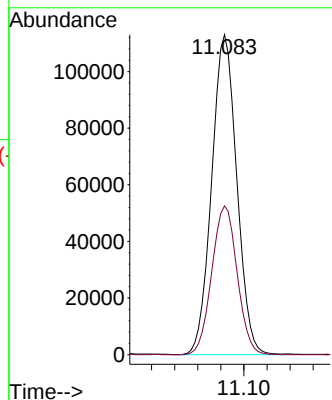
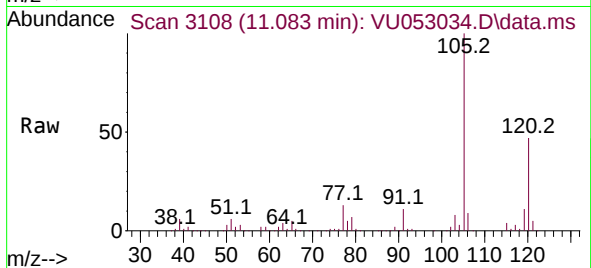
VICV012

Tgt Ion:105 Resp: 170628

Ion Ratio Lower Upper

105 100

120 46.9 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 5.034 ug/L

RT: 11.463 min Scan# 3226

Delta R.T. -0.000 min

Lab File: VU053034.D

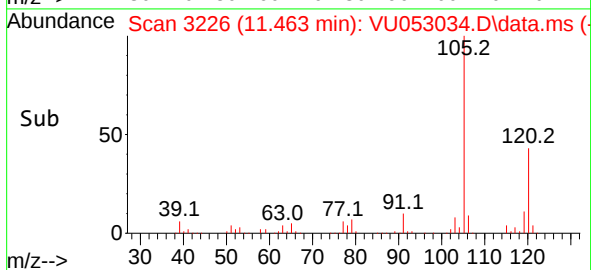
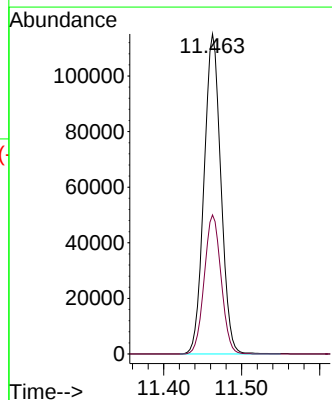
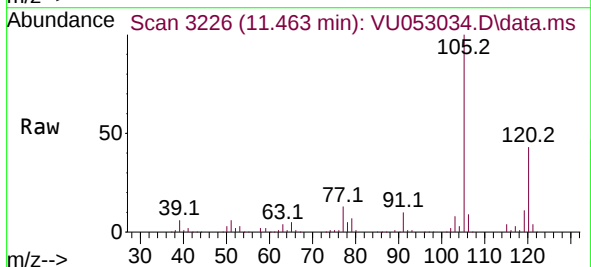
Acq: 10 Feb 2023 13:21

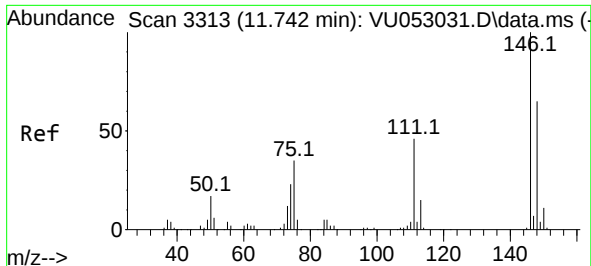
Tgt Ion:105 Resp: 172431

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1

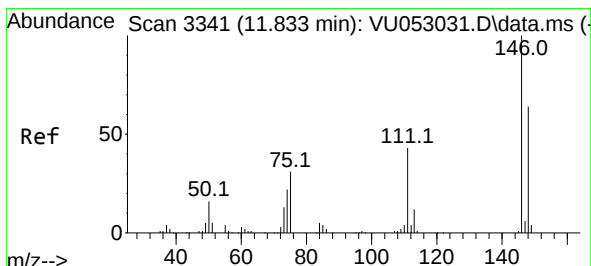
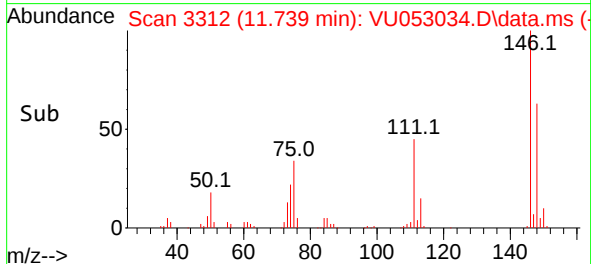
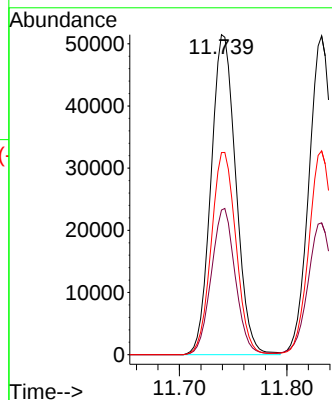
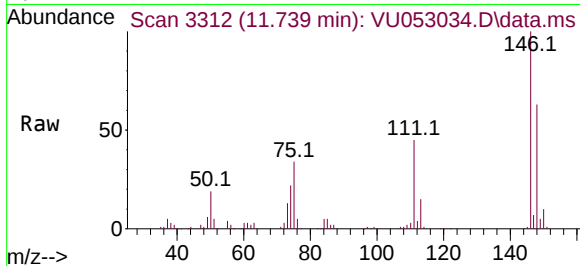




#64
1,3-Dichlorobenzene
Concen: 5.041 ug/L
RT: 11.739 min Scan# 3312
Delta R.T. -0.003 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

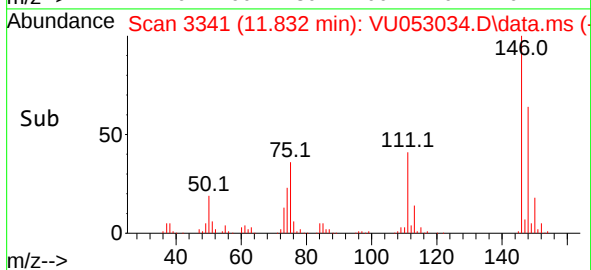
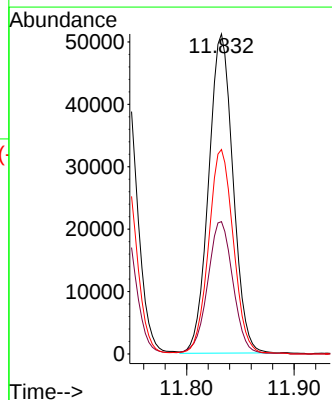
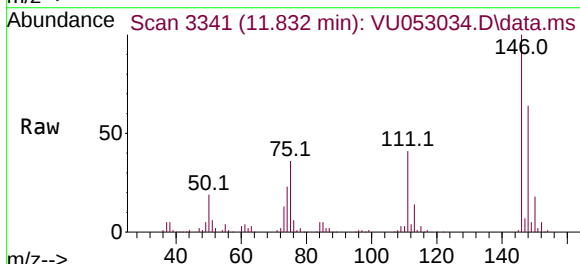
Instrument :
MSVOA_U
ClientSampleId :
VICV012

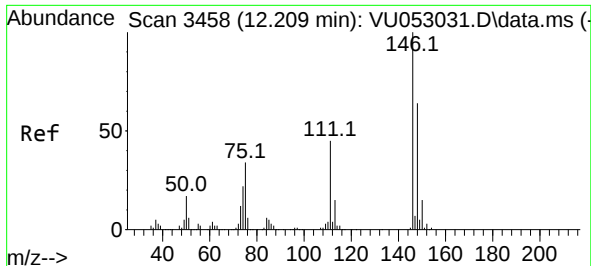
Tgt Ion:146 Resp: 82742
Ion Ratio Lower Upper
146 100
111 45.2 32.0 59.4
148 63.2 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 4.904 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion:146 Resp: 80648
Ion Ratio Lower Upper
146 100
111 41.3 30.3 56.3
148 63.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.001 ug/L

RT: 12.208 min Scan# 3458

Delta R.T. -0.000 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VICV012

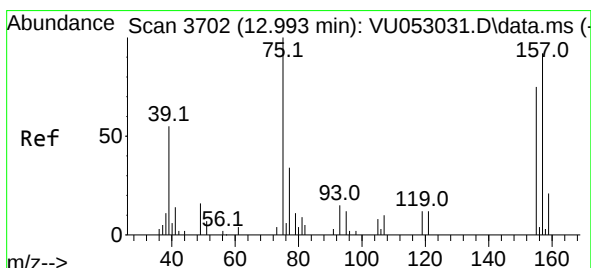
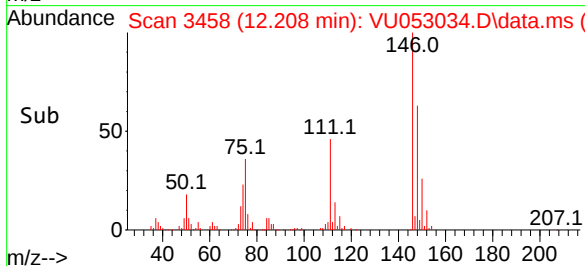
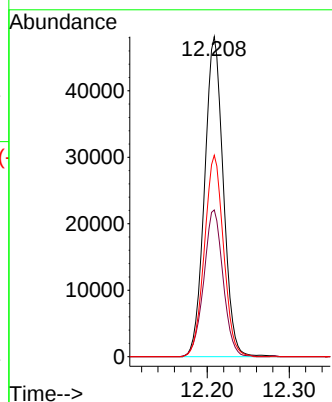
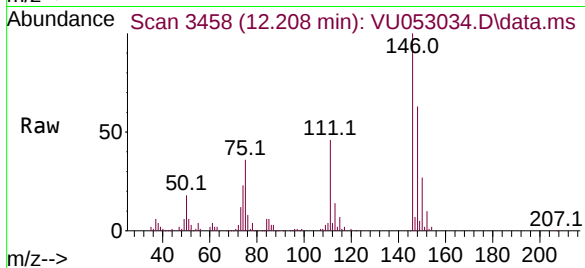
Tgt Ion:146 Resp: 76532

Ion Ratio Lower Upper

146 100

111 45.8 36.3 54.5

148 63.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.192 ug/L

RT: 12.990 min Scan# 3701

Delta R.T. -0.003 min

Lab File: VU053034.D

Acq: 10 Feb 2023 13:21

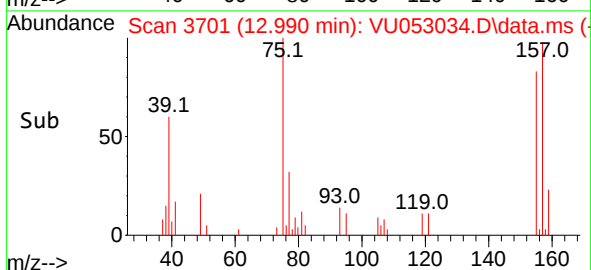
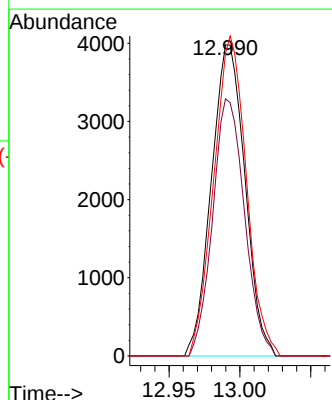
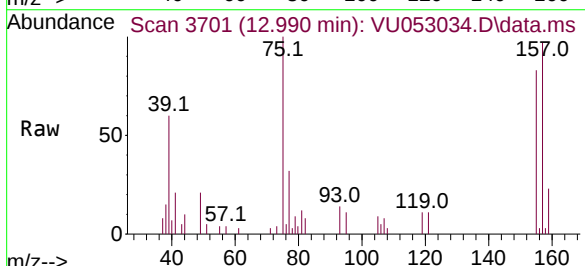
Tgt Ion: 75 Resp: 6564

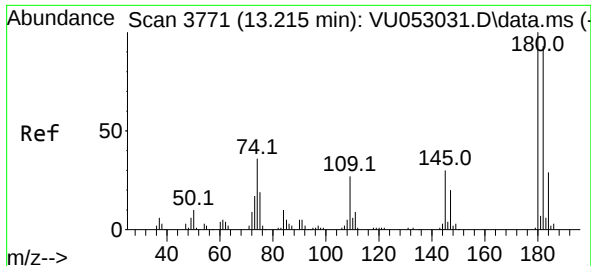
Ion Ratio Lower Upper

75 100

155 82.7 59.8 89.8

157 97.3 73.2 109.8

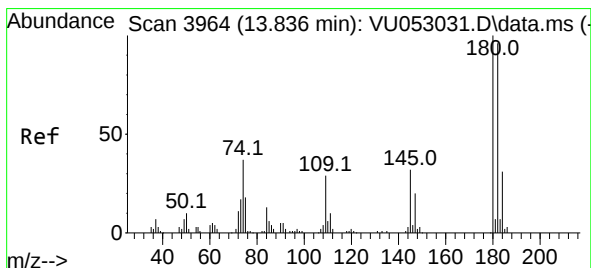
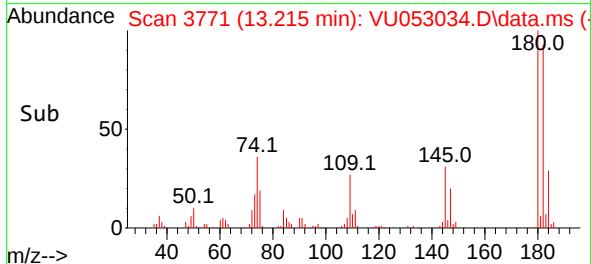
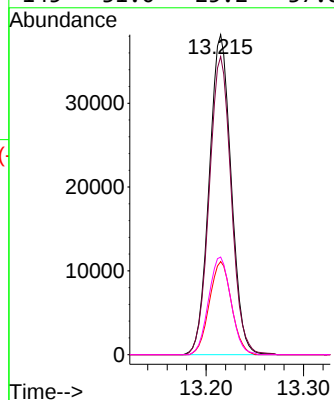
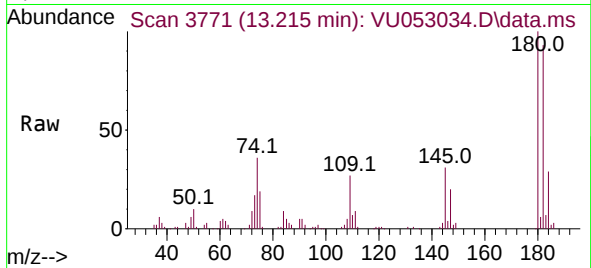




#69
 1,3,5-Trichlorobenzene
 Concen: 5.098 ug/L
 RT: 13.215 min Scan# 3771
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

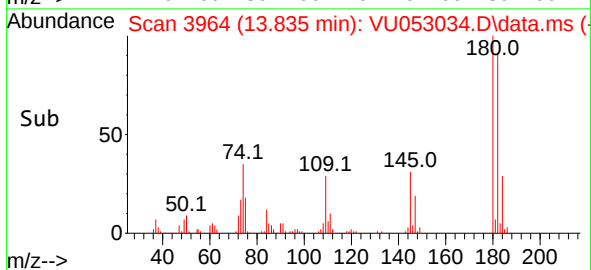
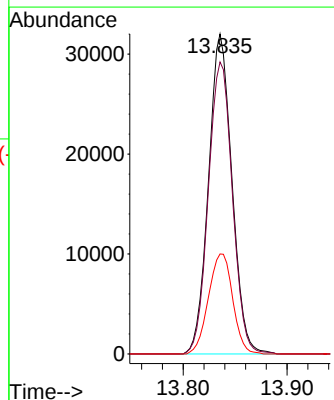
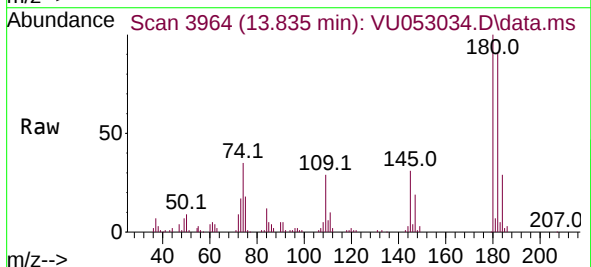
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

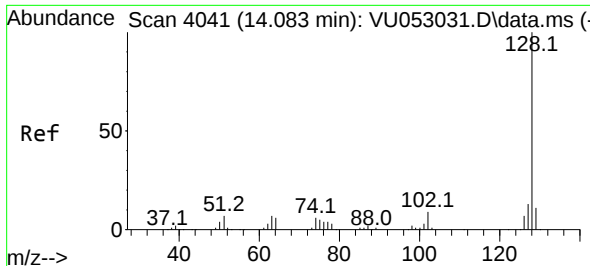
Tgt Ion:180	Resp:	59604
Ion Ratio	Lower	Upper
180	100	
182	93.4	75.4 113.0
184	29.3	23.8 35.6
145	31.0	25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.169 ug/L
 RT: 13.835 min Scan# 3964
 Delta R.T. -0.000 min
 Lab File: VU053034.D
 Acq: 10 Feb 2023 13:21

Tgt Ion:180	Resp:	50167
Ion Ratio	Lower	Upper
180	100	
182	93.5	74.9 112.3
145	32.4	25.1 37.7

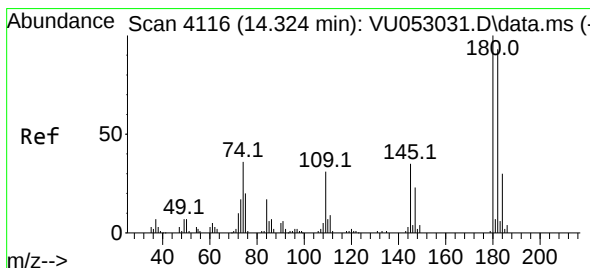
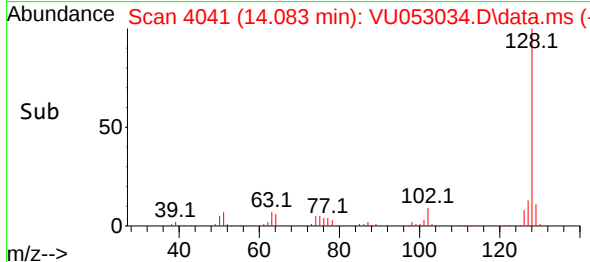
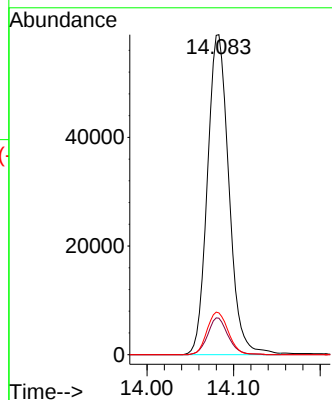
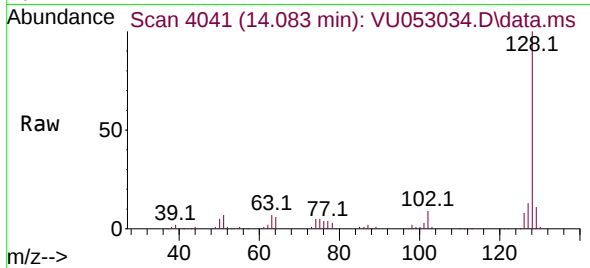




#71
Naphthalene
Concen: 5.224 ug/L
RT: 14.083 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VICV012

Tgt Ion:128 Resp: 101676
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.266 ug/L
RT: 14.324 min Scan# 4116
Delta R.T. -0.000 min
Lab File: VU053034.D
Acq: 10 Feb 2023 13:21

Tgt Ion:180 Resp: 45107
Ion Ratio Lower Upper
180 100
182 96.9 76.2 114.4
145 32.5 28.2 42.2

