

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053195.D
 Acq On : 15 Mar 2023 12:09
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV010

Quant Time: Mar 16 04:00:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	169412	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	167096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	89067	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	74829	47.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.760%
7) Chloroethane-d5	1.916	69	61404	48.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.140%
11) 1,1-Dichloroethene-d2	2.568	63	130427	48.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
21) 2-Butanone-d5	4.620	46	79533	109.717	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.720%
24) Chloroform-d	5.057	84	134288	52.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
26) 1,2-Dichloroethane-d4	5.697	65	85319	53.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.740%
32) Benzene-d6	5.722	84	272511	50.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.560%
36) 1,2-Dichloropropane-d6	6.687	67	88890	50.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	7.893	98	249998	49.544	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.080%
43) trans-1,3-Dichloroprop...	8.172	79	44159	51.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.340%
47) 2-Hexanone-d5	8.626	63	59598	108.980	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.980%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	117767	51.972	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	12.188	152	86174	49.968	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	84669	47.881	ug/L	98
3) Chloromethane	1.520	50	79445	48.757	ug/L	100
5) Vinyl chloride	1.604	62	86087	48.297	ug/L	99
6) Bromomethane	1.858	94	54376	50.751	ug/L	98
8) Chloroethane	1.935	64	50953	48.394	ug/L	99
9) Trichlorofluoromethane	2.137	101	106100	47.708	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	63868	47.475	ug/L	99
12) 1,1-Dichloroethene	2.581	96	59752	48.026	ug/L	98
13) Acetone	2.633	43	77168	93.470	ug/L	98
14) Carbon disulfide	2.793	76	185201	49.147	ug/L	100
15) Methyl Acetate	2.948	43	59228	52.340	ug/L	99
16) Methylene chloride	3.044	84	73611	48.770	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	62992	49.900	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	222052	52.311	ug/L	99
19) 1,1-Dichloroethane	3.864	63	127879	49.626	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	76675	51.713	ug/L	92
22) 2-Butanone	4.700	43	96382	102.472	ug/L	100
23) Bromochloromethane	4.970	128	36770	52.010	ug/L	96
25) Chloroform	5.083	83	130780	50.718	ug/L	99

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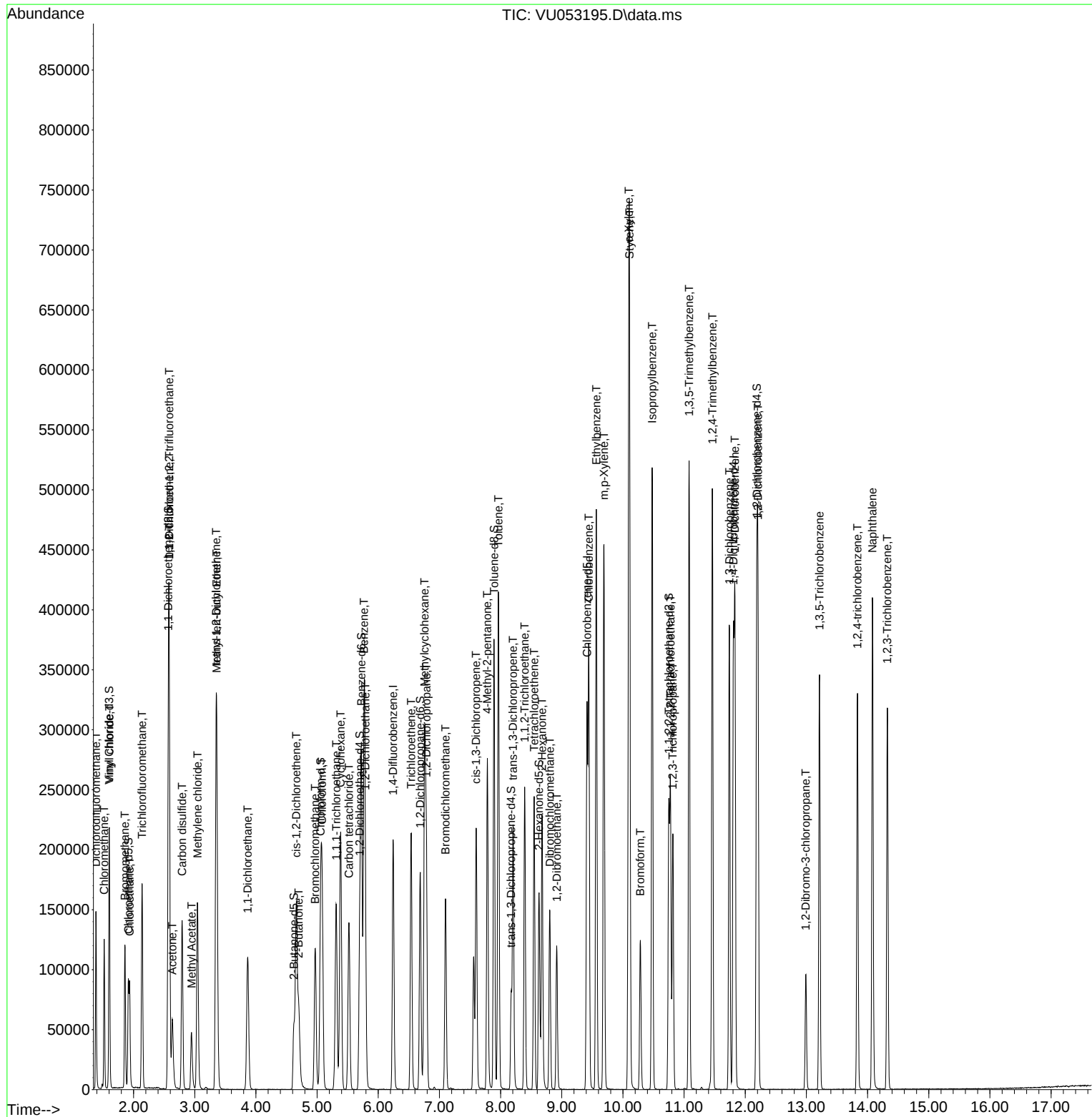
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	103356	50.776	ug/L	98
29) Cyclohexane	5.385	56	115915	46.556	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	109483	48.069	ug/L	99
31) Carbon tetrachloride	5.520	117	89706	48.075	ug/L	99
33) Benzene	5.767	78	287517	49.631	ug/L	100
34) Trichloroethene	6.539	95	73074	48.377	ug/L	96
35) Methylcyclohexane	6.758	83	124587	47.054	ug/L	99
37) 1,2-Dichloropropane	6.787	63	80944	50.082	ug/L	100
38) Bromodichloromethane	7.099	83	102067	50.745	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	135189	50.911	ug/L	99
40) 4-Methyl-2-pentanone	7.783	43	170675	102.739	ug/L	99
42) Toluene	7.964	91	306365	49.192	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	125596	51.743	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	75629	51.389	ug/L	99
46) Tetrachloroethene	8.549	164	47874	48.716	ug/L	99
48) 2-Hexanone	8.677	43	140701	101.143	ug/L	99
49) Dibromochloromethane	8.806	129	76639	50.908	ug/L	97
50) 1,2-Dibromoethane	8.918	107	80426	51.287	ug/L	100
51) Chlorobenzene	9.443	112	193760	49.917	ug/L	99
52) Ethylbenzene	9.565	91	348874	49.397	ug/L	100
53) m,p-Xylene	9.690	106	130738	49.596	ug/L	99
54) o-Xylene	10.095	106	131249	50.342	ug/L	96
55) Styrene	10.108	104	222380	51.178	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	122626	50.822	ug/L	100
59) Bromoform	10.285	173	52153	51.454	ug/L	99
60) 1,2,3-Trichloropropane	10.815	75	91848	51.896	ug/L	98
61) Isopropylbenzene	10.478	105	341247	48.491	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	287550	49.364	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	280670	49.431	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	147575	50.002	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	151981	51.295	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	147567	50.025	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	26293	53.724	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	96203	51.413	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	89714	53.359	ug/L	100
71) Naphthalene	14.079	128	319637	56.404	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	87055	54.599	ug/L	99

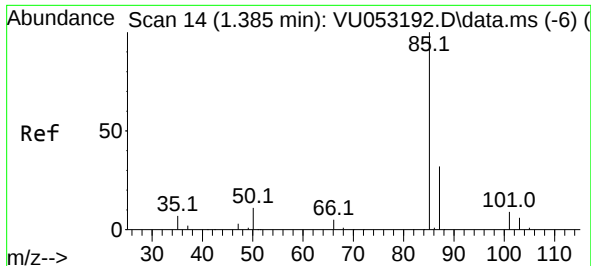
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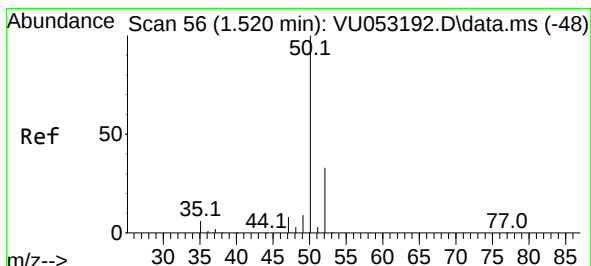
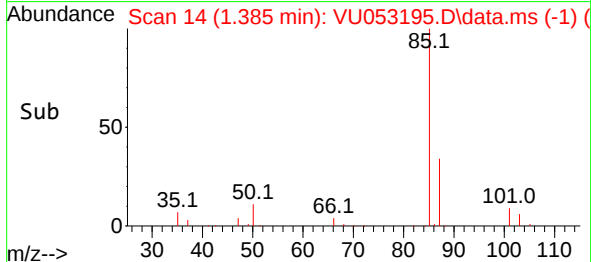
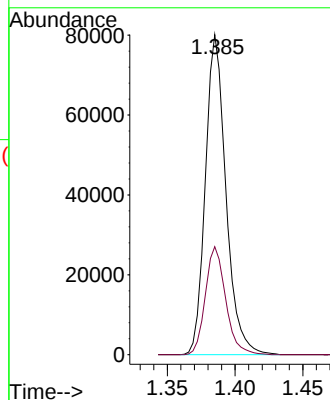
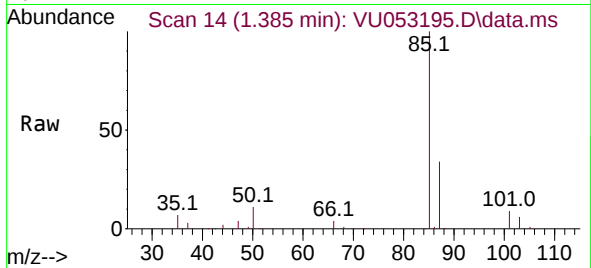




#2
Dichlorodifluoromethane
Concen: 47.881 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

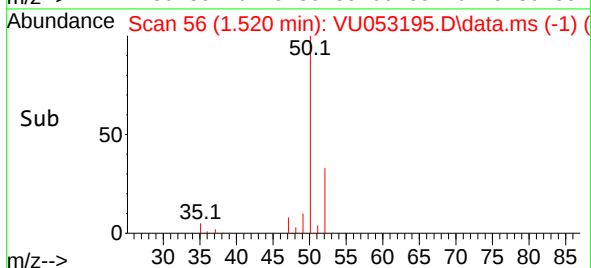
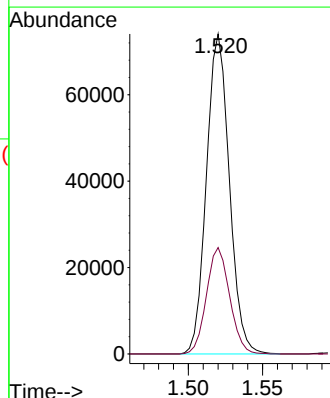
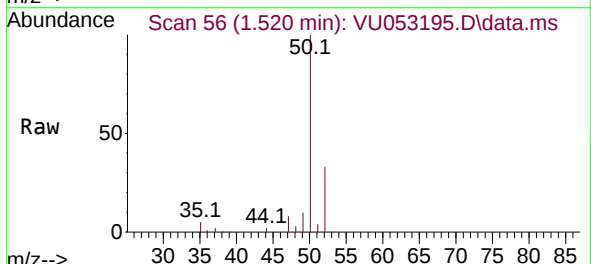
Instrument :
MSVOA_U
ClientSampleId :
VICV010

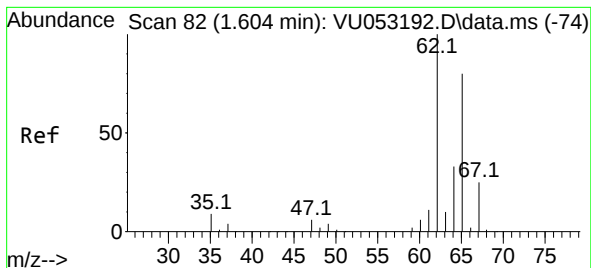
Tgt Ion: 85 Resp: 84669
Ion Ratio Lower Upper
85 100
87 33.3 25.8 38.8



#3
Chloromethane
Concen: 48.757 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 50 Resp: 79445
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4





#5

Vinyl chloride

Concen: 48.297 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

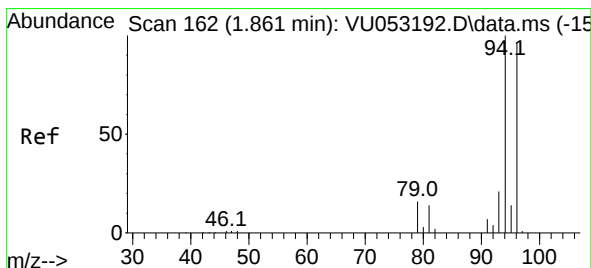
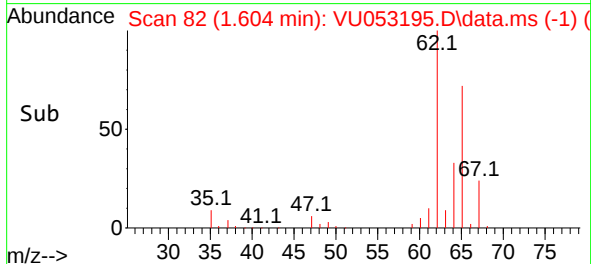
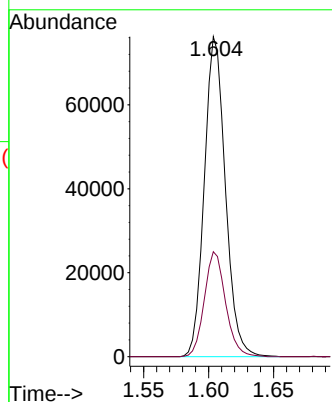
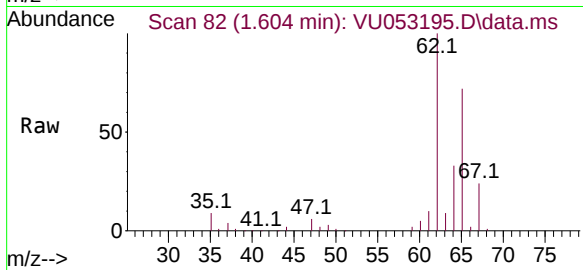
VICV010

Tgt Ion: 62 Resp: 86087

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#6

Bromomethane

Concen: 50.751 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU053195.D

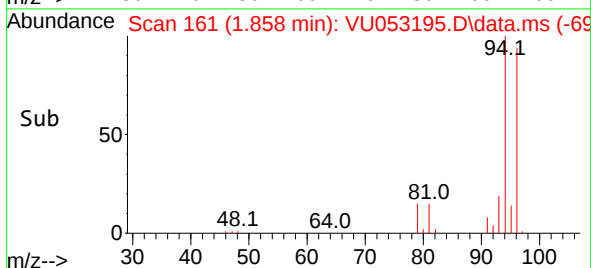
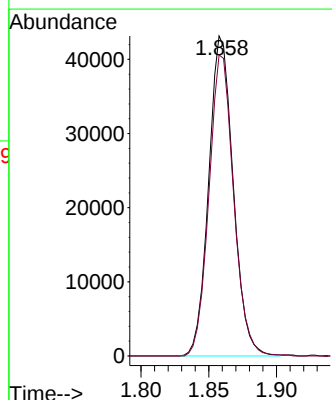
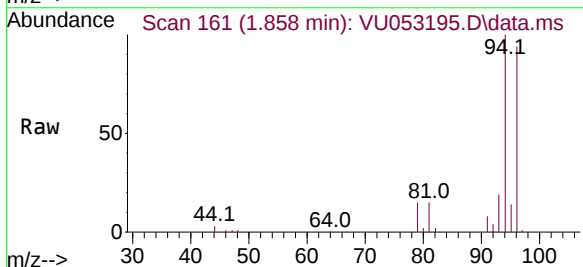
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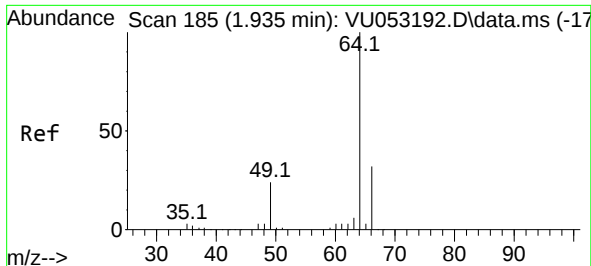
Tgt Ion: 94 Resp: 54376

Ion Ratio Lower Upper

94 100

96 94.0 67.5 125.3





#8

Chloroethane

Concen: 48.394 ug/L

RT: 1.935 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

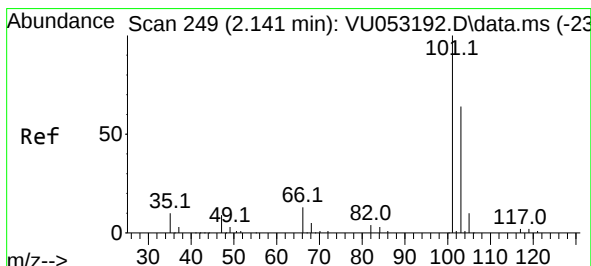
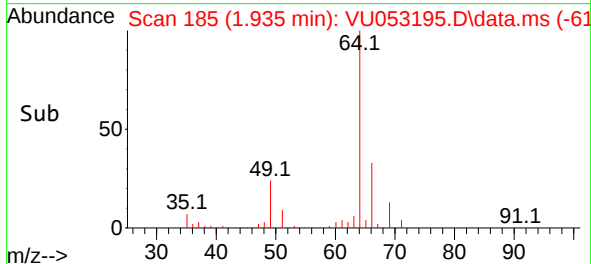
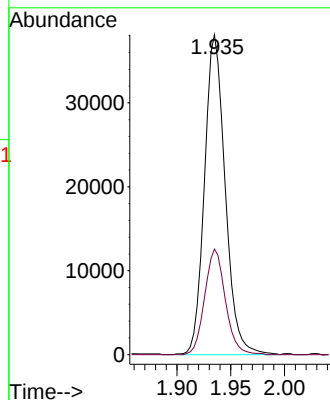
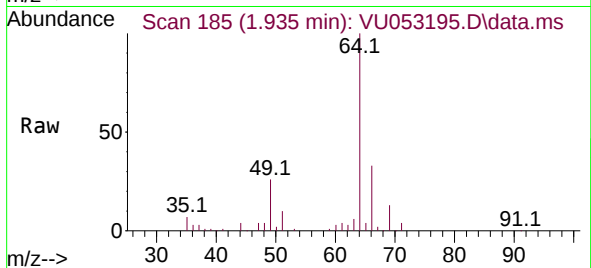
VICV010

Tgt Ion: 64 Resp: 50953

Ion Ratio Lower Upper

64 100

66 33.0 22.6 42.0



#9

Trichlorofluoromethane

Concen: 47.708 ug/L

RT: 2.137 min Scan# 248

Delta R.T. -0.003 min

Lab File: VU053195.D

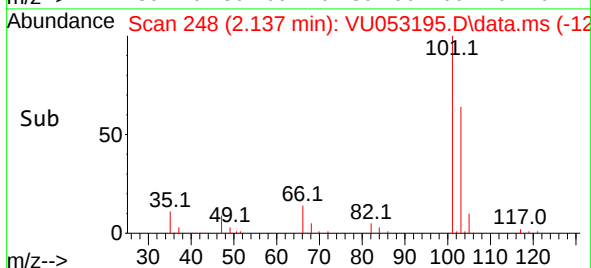
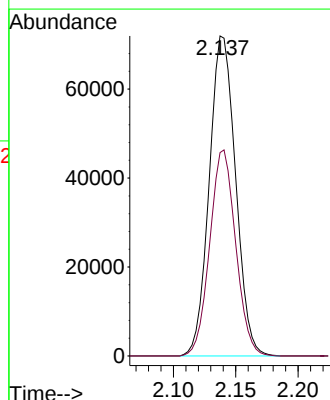
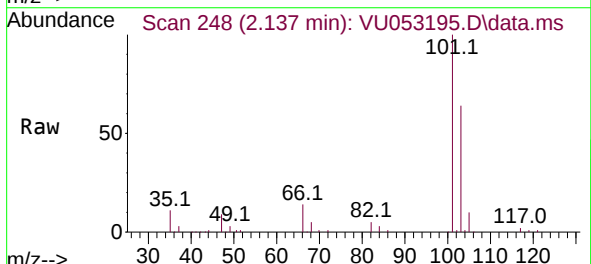
Acq: 15 Mar 2023 12:09

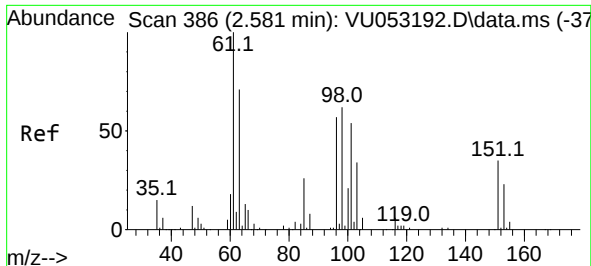
Tgt Ion: 101 Resp: 106100

Ion Ratio Lower Upper

101 100

103 63.3 52.0 78.0

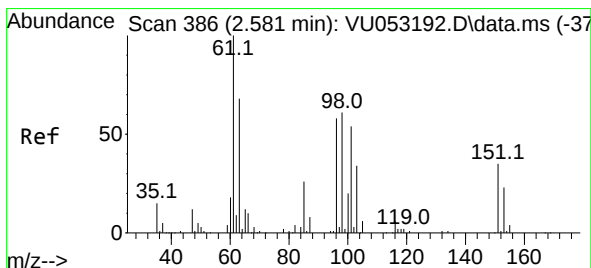
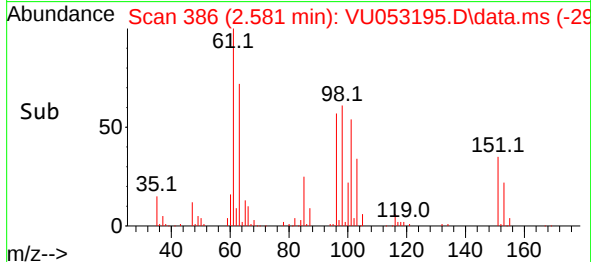
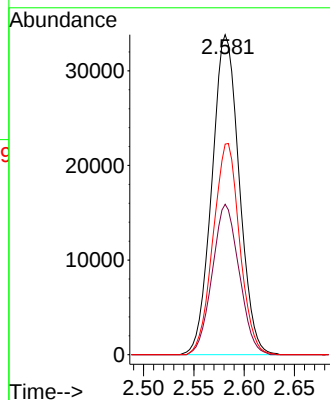
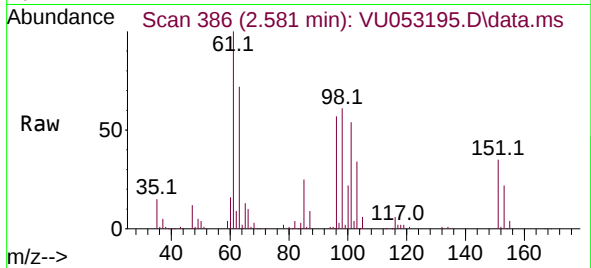




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.475 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU053195.D
 Acq: 15 Mar 2023 12:09

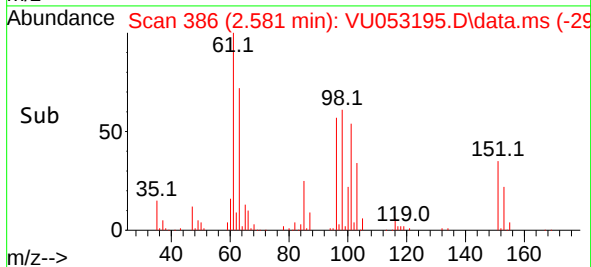
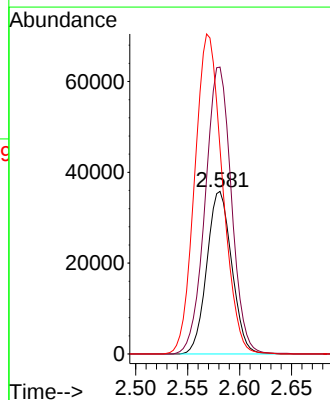
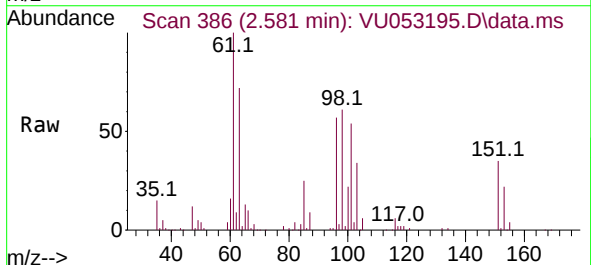
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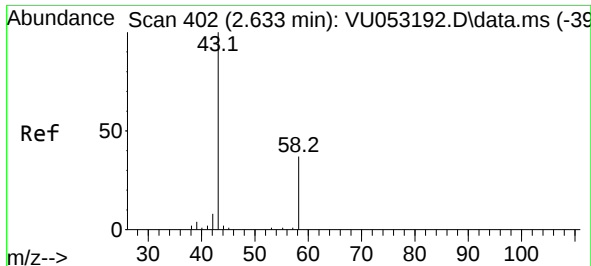
Tgt Ion:101 Resp: 63868
 Ion Ratio Lower Upper
 101 100
 85 46.2 37.0 55.6
 151 64.2 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 48.026 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU053195.D
 Acq: 15 Mar 2023 12:09

Tgt Ion: 96 Resp: 59752
 Ion Ratio Lower Upper
 96 100
 61 176.5 122.2 226.9
 63 126.3 89.9 166.9





#13

Acetone

Concen: 93.470 ug/L

RT: 2.633 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

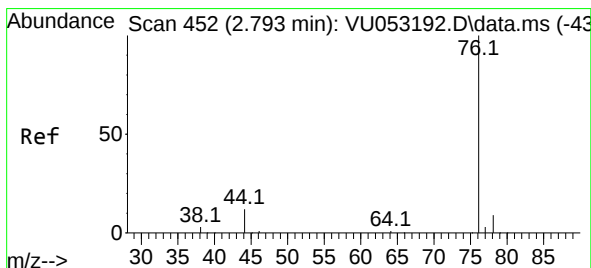
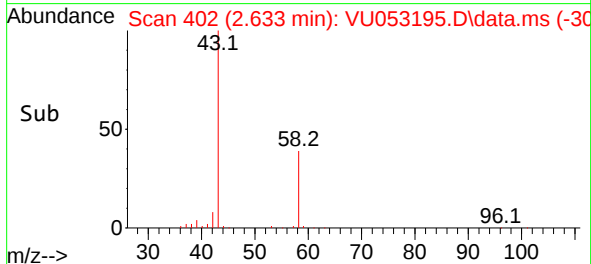
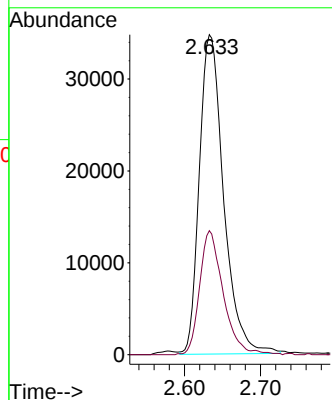
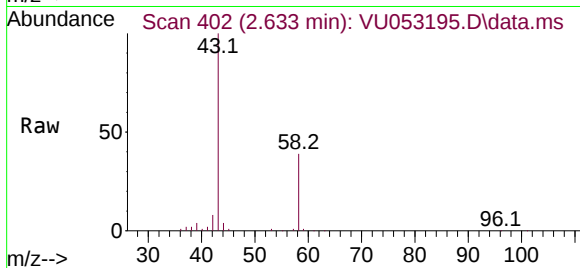
VICV010

Tgt Ion: 43 Resp: 77168

Ion Ratio Lower Upper

43 100

58 36.3 0.0 75.0



#14

Carbon disulfide

Concen: 49.147 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

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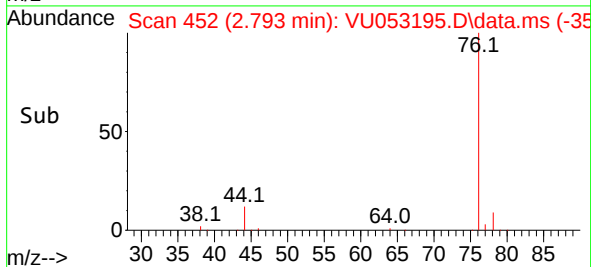
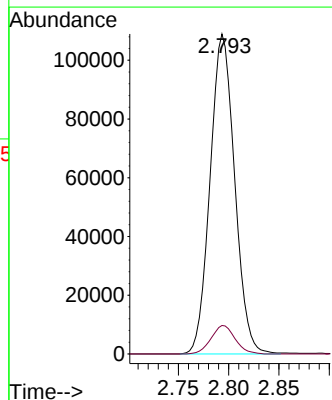
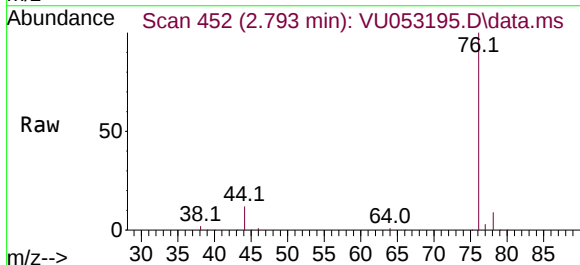
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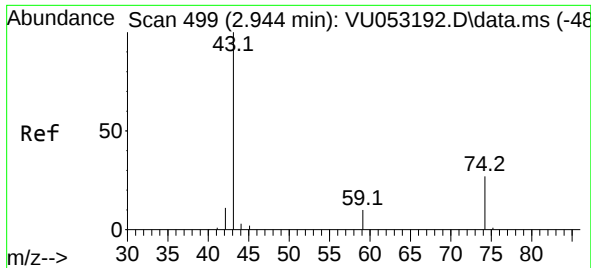
Tgt Ion: 76 Resp: 185201

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

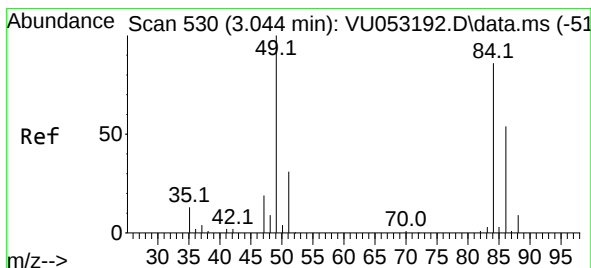
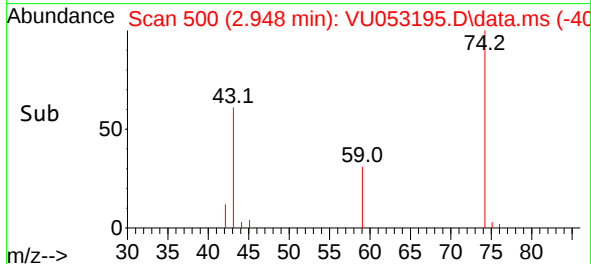
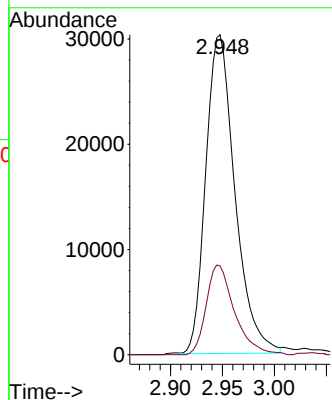
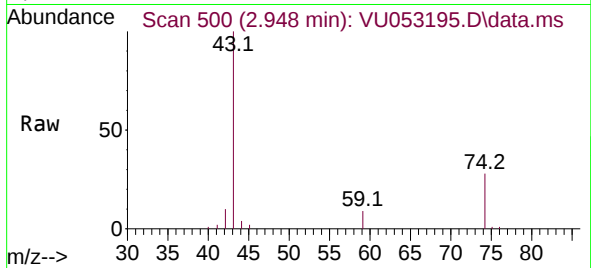




#15
Methyl Acetate
Concen: 52.340 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

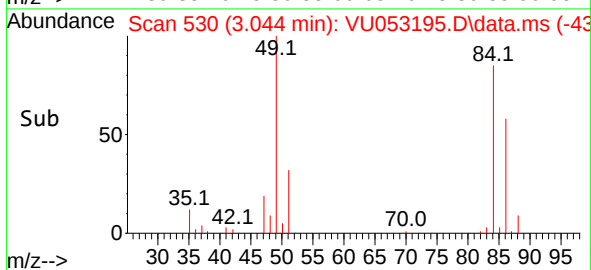
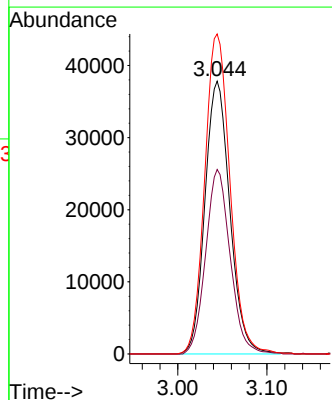
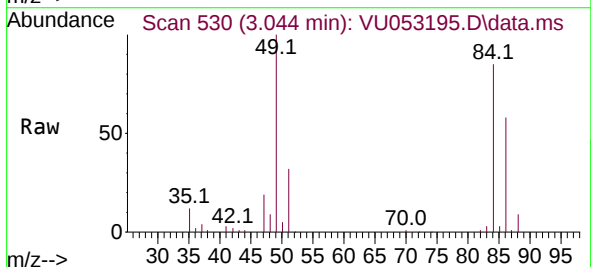
Instrument :
MSVOA_U
ClientSampleId :
VICV010

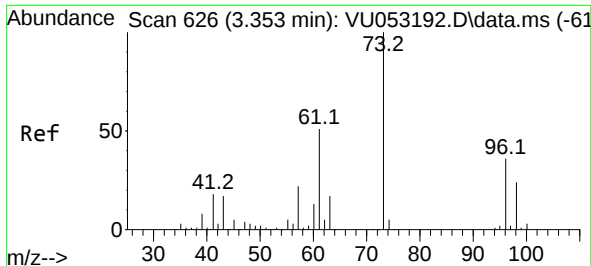
Tgt Ion: 43 Resp: 59228
Ion Ratio Lower Upper
43 100
74 27.1 21.4 32.0



#16
Methylene chloride
Concen: 48.770 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 84 Resp: 73611
Ion Ratio Lower Upper
84 100
86 67.6 44.4 82.4
49 117.3 81.6 151.6





#17

trans-1,2-Dichloroethene

Concen: 49.900 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VICV010

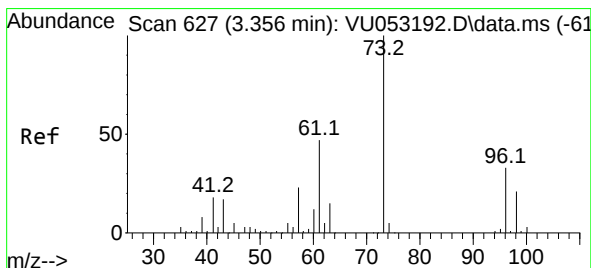
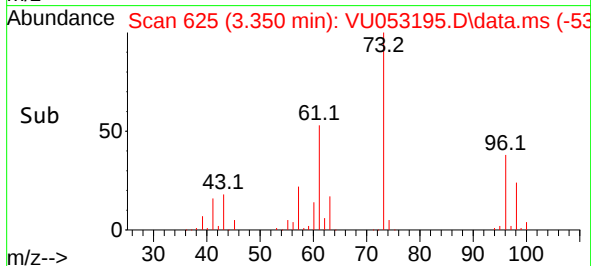
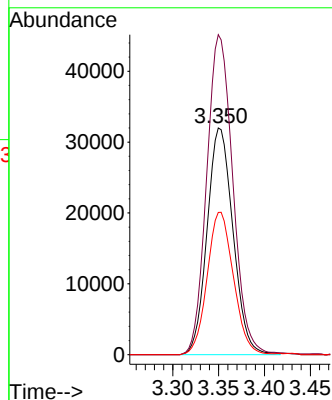
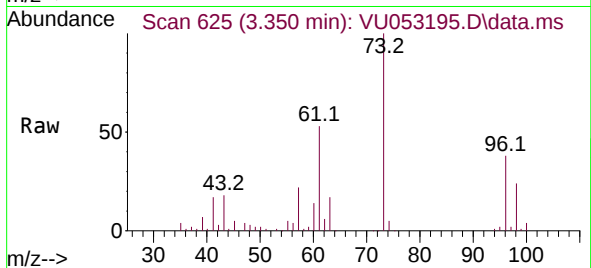
Tgt Ion: 96 Resp: 62992

Ion Ratio Lower Upper

96 100

61 141.2 99.6 185.0

98 62.8 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 52.311 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.003 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

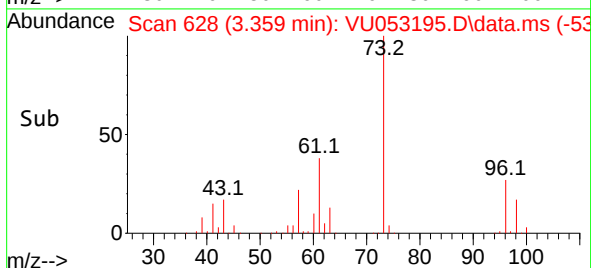
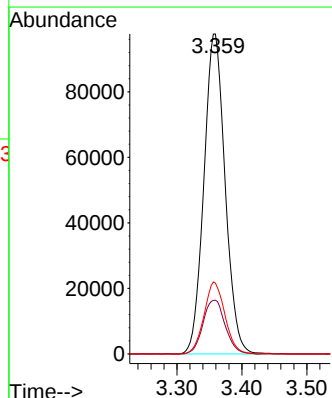
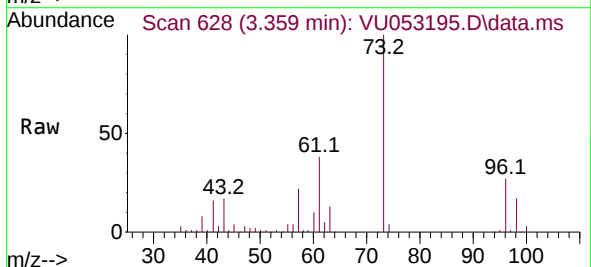
Tgt Ion: 73 Resp: 222052

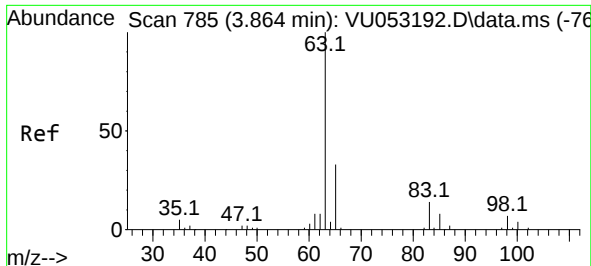
Ion Ratio Lower Upper

73 100

43 17.6 14.2 21.2

57 22.1 18.0 27.0





#19

1,1-Dichloroethane

Concen: 49.626 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VICV010

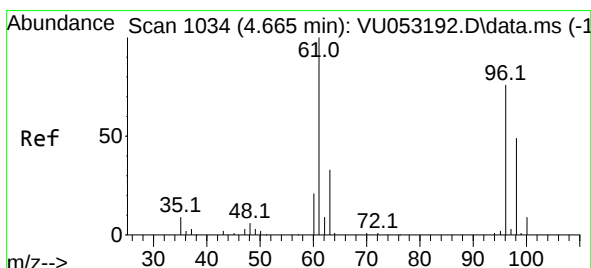
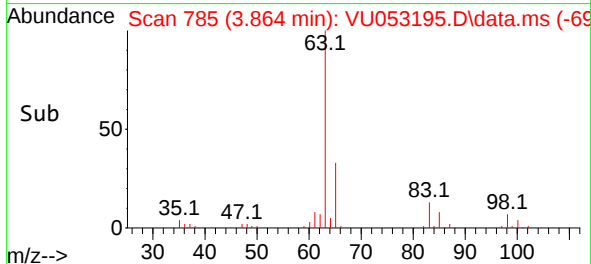
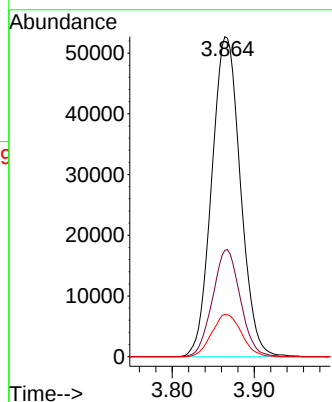
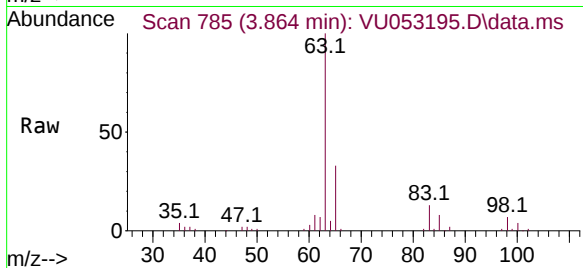
Tgt Ion: 63 Resp: 127879

Ion Ratio Lower Upper

63 100

65 33.3 22.8 42.4

83 13.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 51.713 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

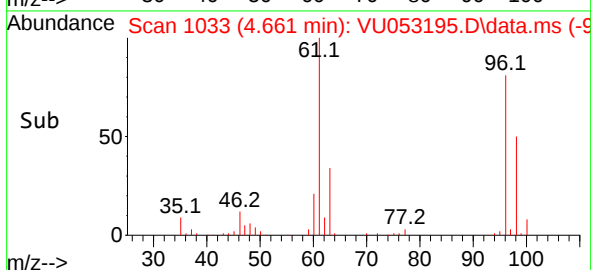
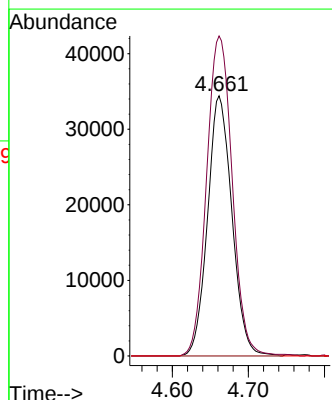
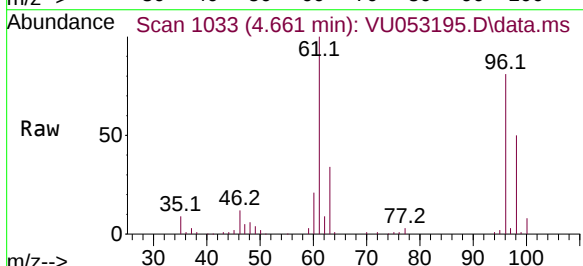
Tgt Ion: 96 Resp: 76675

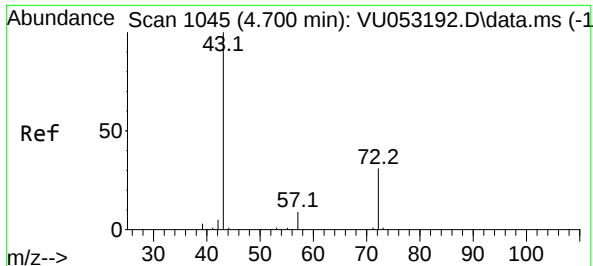
Ion Ratio Lower Upper

96 100

61 123.0 92.5 171.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.472 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

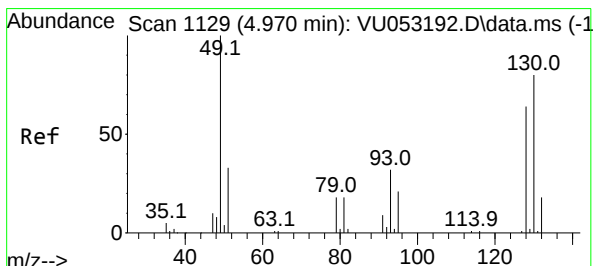
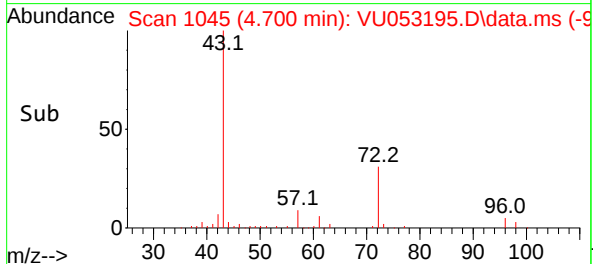
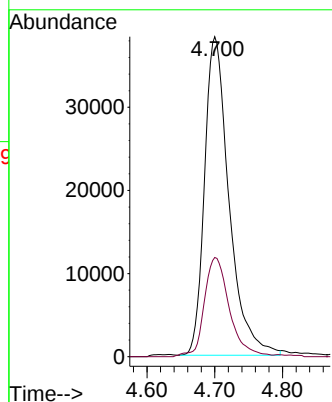
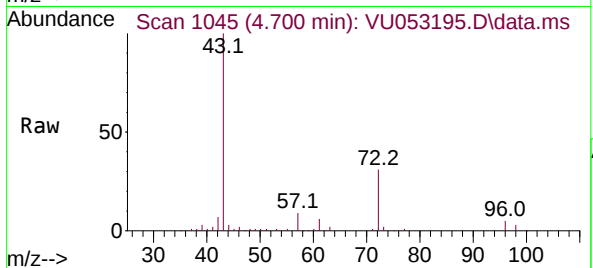
VICV010

Tgt Ion: 43 Resp: 96382

Ion Ratio Lower Upper

43 100

72 31.7 16.0 47.9



#23

Bromochloromethane

Concen: 52.010 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Tgt Ion:128 Resp: 36770

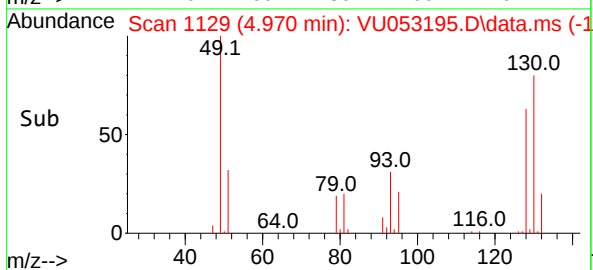
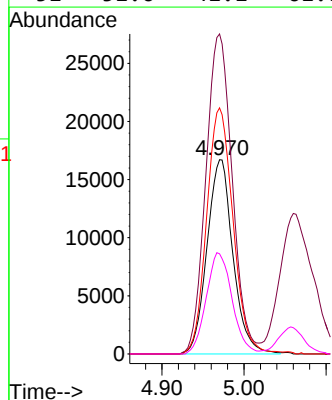
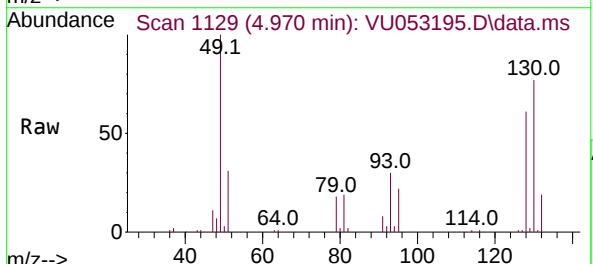
Ion Ratio Lower Upper

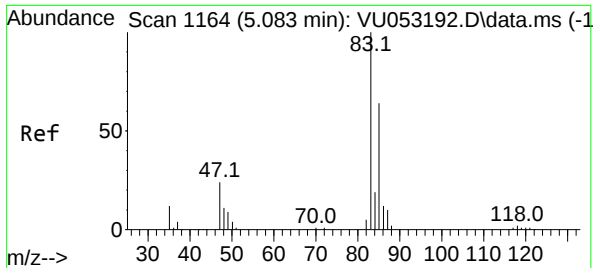
128 100

49 164.8 109.9 204.1

130 126.7 87.2 161.9

51 51.6 41.1 61.7

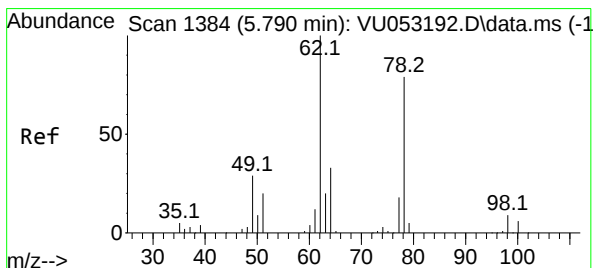
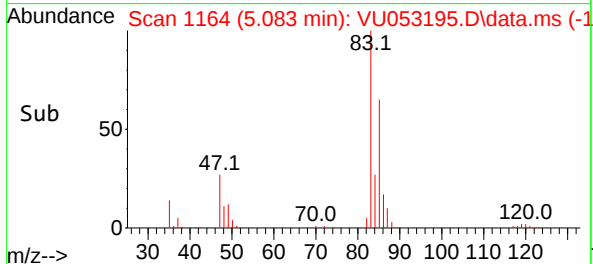
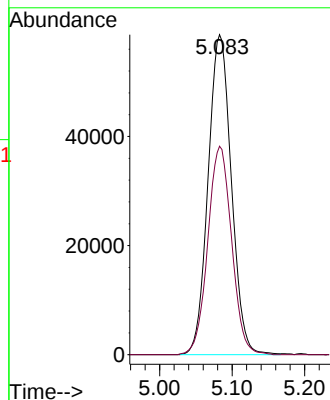
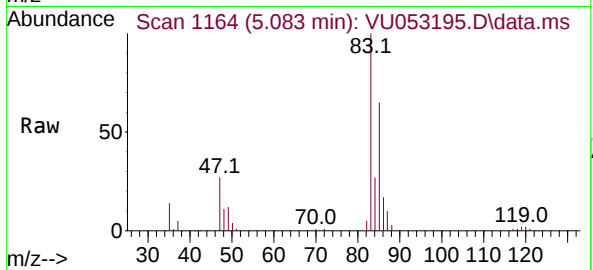




#25
Chloroform
Concen: 50.718 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

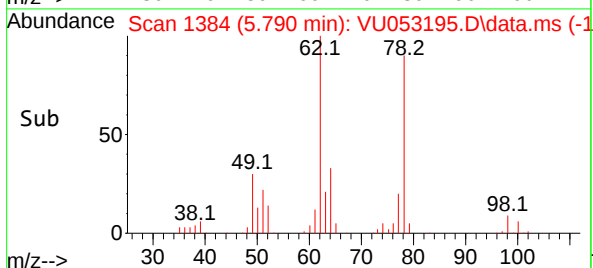
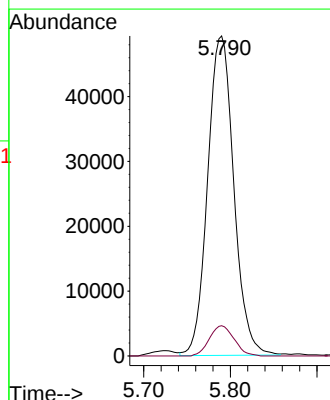
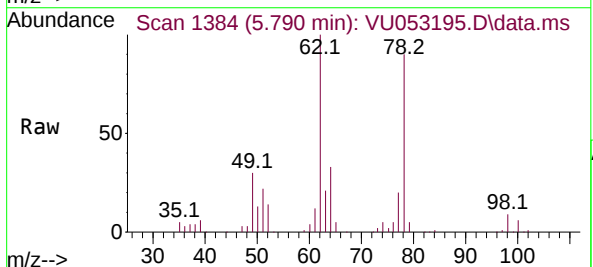
Instrument :
MSVOA_U
ClientSampleId :
VICV010

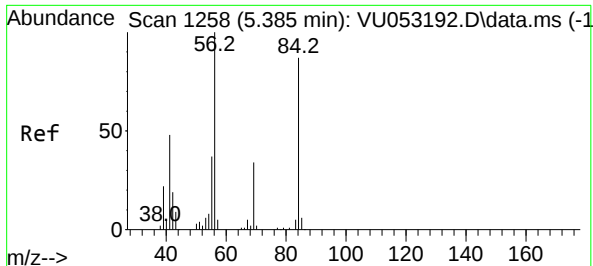
Tgt Ion: 83 Resp: 130780
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.3



#27
1,2-Dichloroethane
Concen: 50.776 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 62 Resp: 103356
Ion Ratio Lower Upper
62 100
98 9.5 7.0 10.6





#29

Cyclohexane

Concen: 46.556 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VICV010

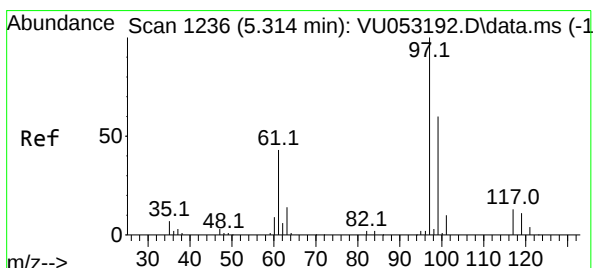
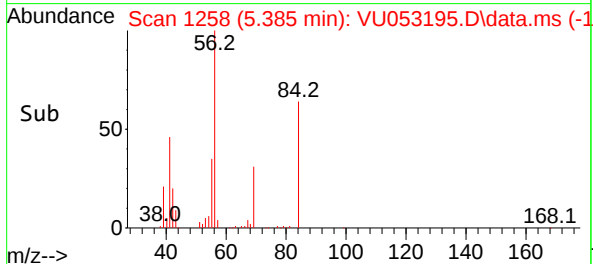
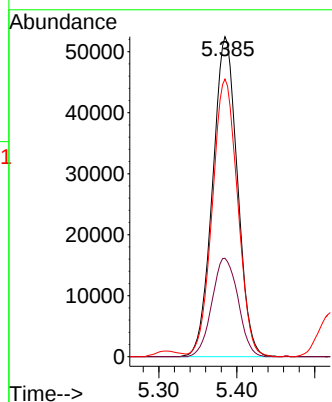
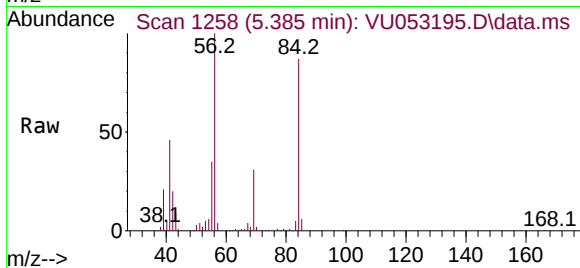
Tgt Ion: 56 Resp: 115915

Ion Ratio Lower Upper

56 100

69 32.4 25.4 38.0

84 88.5 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 48.069 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

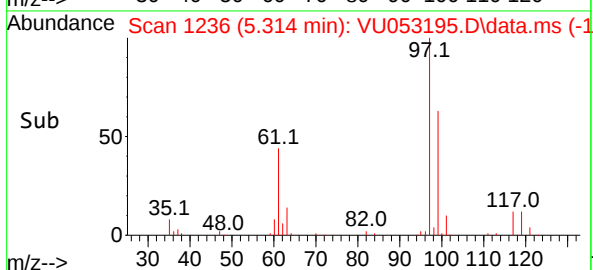
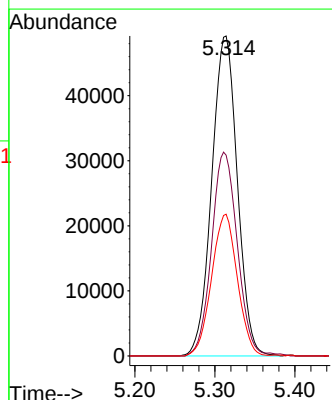
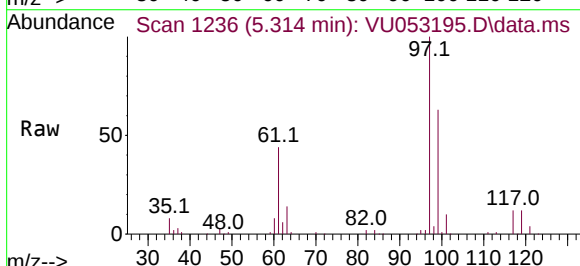
Tgt Ion: 97 Resp: 109483

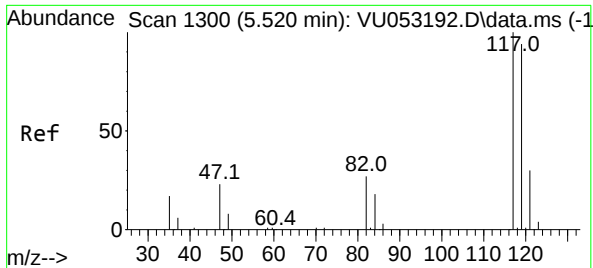
Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 44.6 36.0 54.0

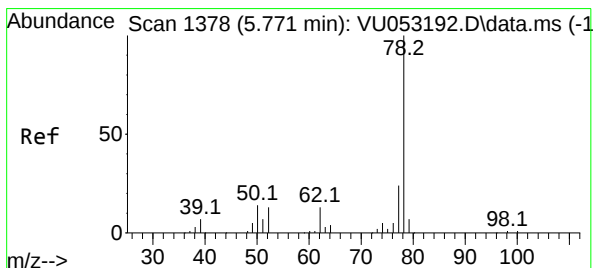
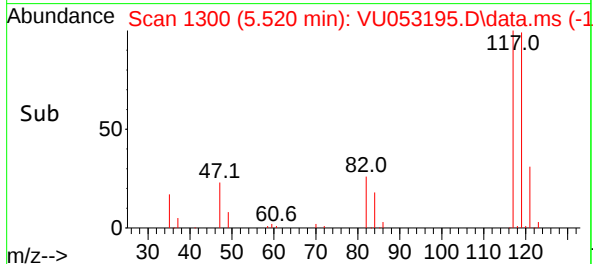
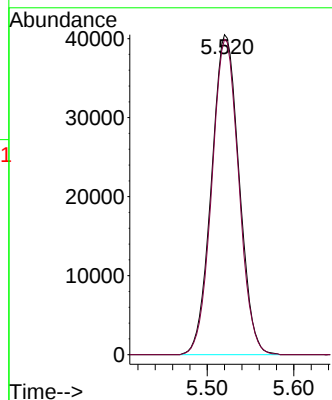
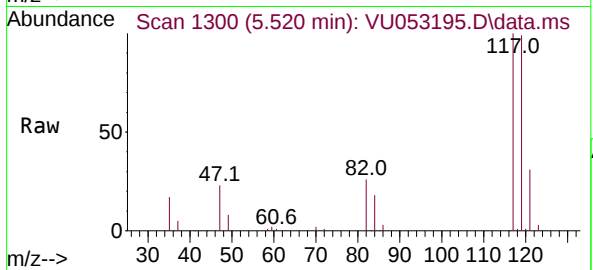




#31
Carbon tetrachloride
Concen: 48.075 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

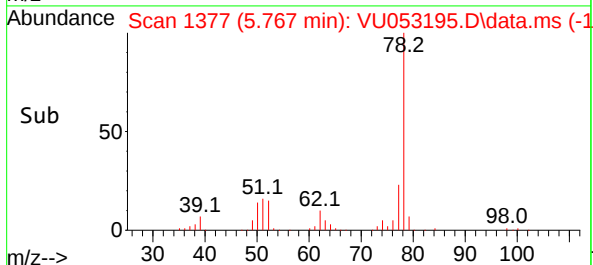
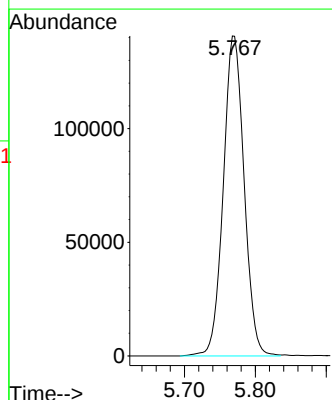
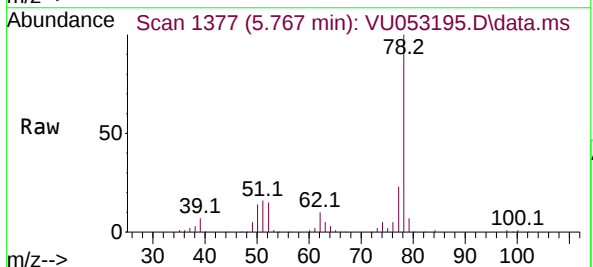
Instrument :
MSVOA_U
ClientSampleId :
VICV010

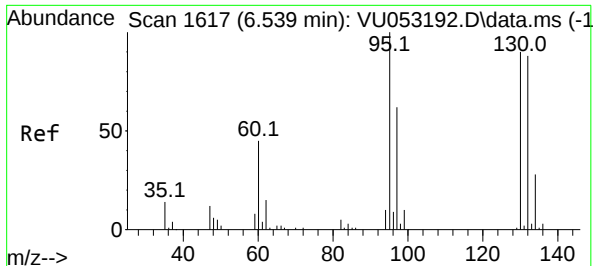
Tgt Ion:117 Resp: 89706
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2



#33
Benzene
Concen: 49.631 ug/L
RT: 5.767 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 78 Resp: 287517



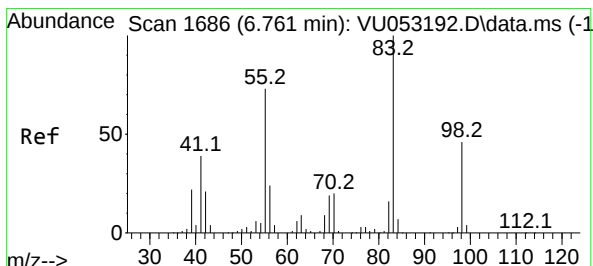
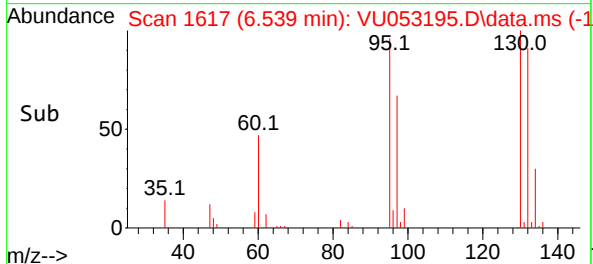
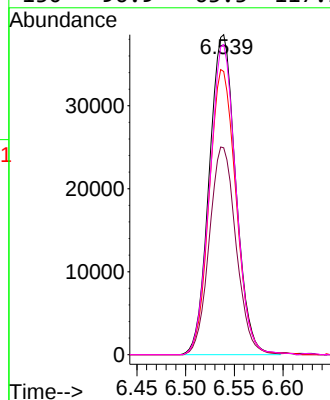
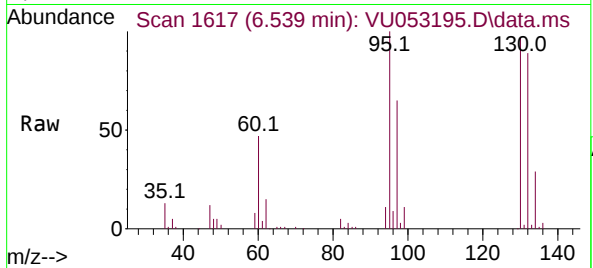


#34
Trichloroethene
Concen: 48.377 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :
VICV010

Tgt Ion: 95 Resp: 73074

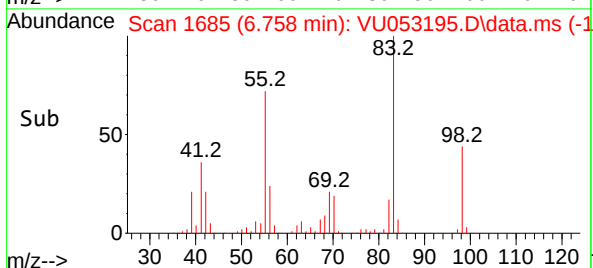
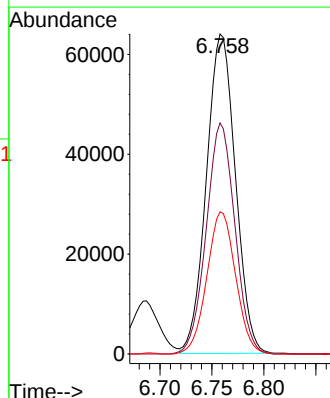
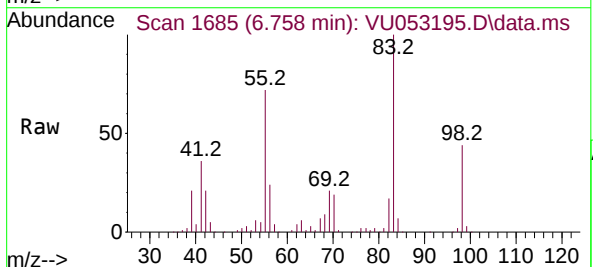
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.8	81.3
132	88.5	61.5	114.3
130	96.9	63.3	117.5

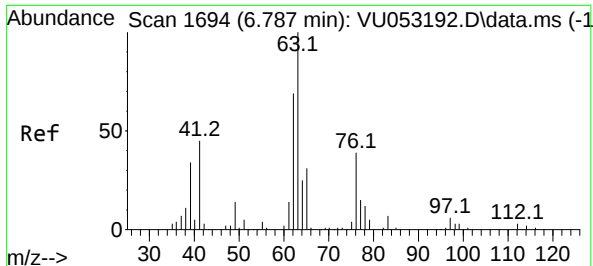


#35
Methylcyclohexane
Concen: 47.054 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 83 Resp: 124587

Ion	Ratio	Lower	Upper
83	100		
55	71.3	58.2	87.4
98	44.0	35.4	53.2





#37

1,2-Dichloropropane

Concen: 50.082 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

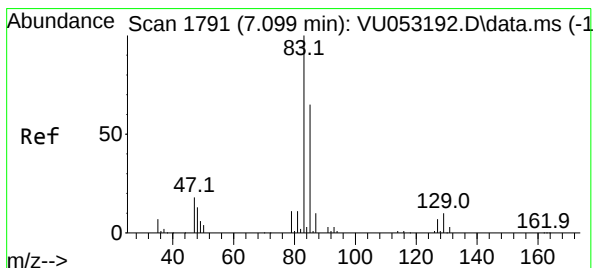
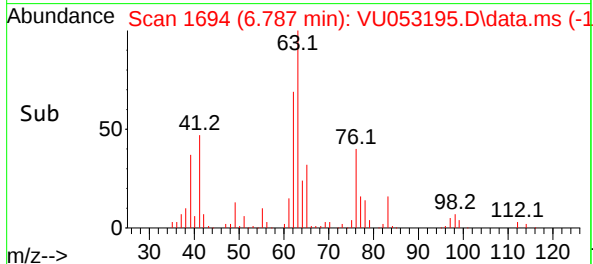
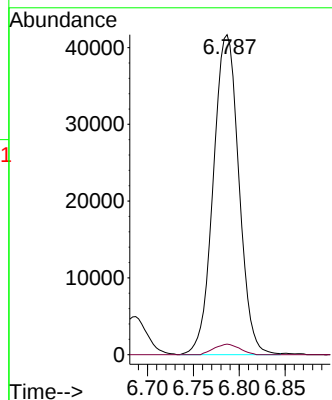
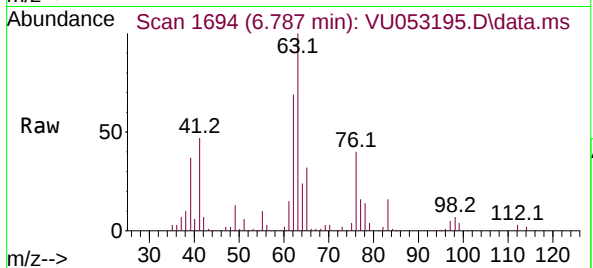
VICV010

Tgt Ion: 63 Resp: 80944

Ion Ratio Lower Upper

63 100

112 3.3 2.6 3.8



#38

Bromodichloromethane

Concen: 50.745 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

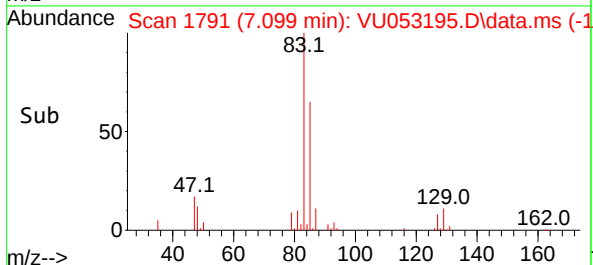
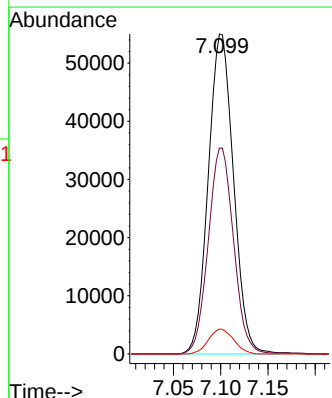
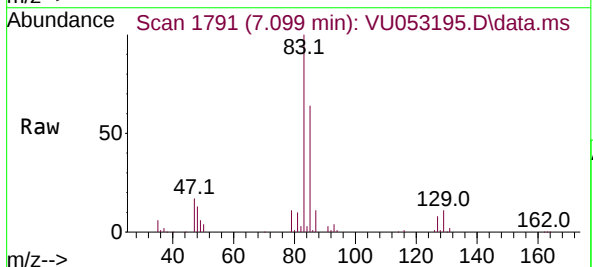
Tgt Ion: 83 Resp: 102067

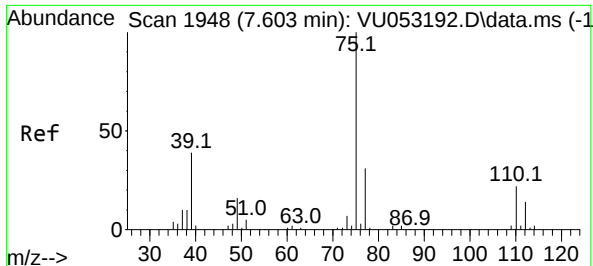
Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2

127 7.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 50.911 ug/L

RT: 7.600 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

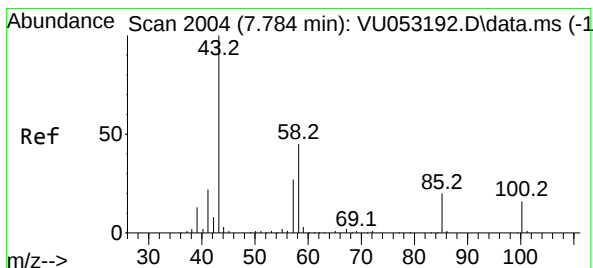
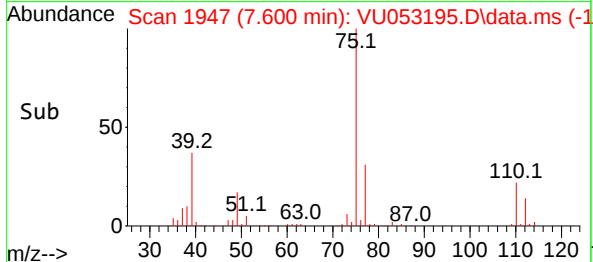
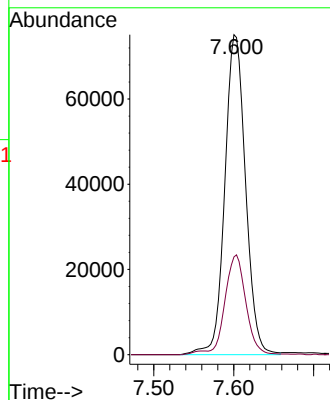
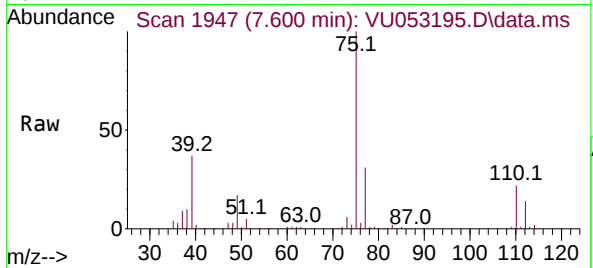
VICV010

Tgt Ion: 75 Resp: 135189

Ion Ratio Lower Upper

75 100

77 30.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 102.739 ug/L

RT: 7.783 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

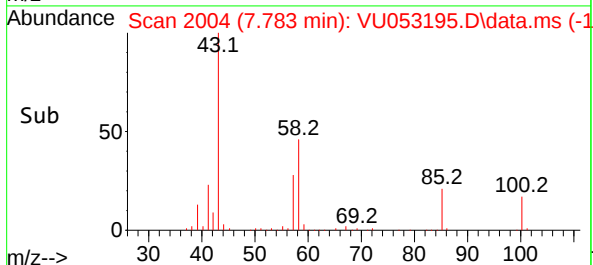
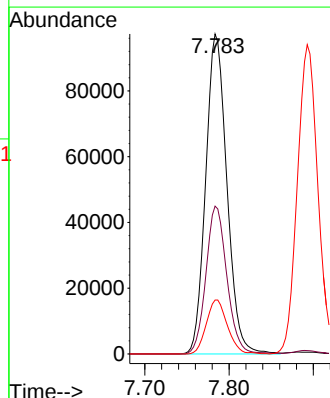
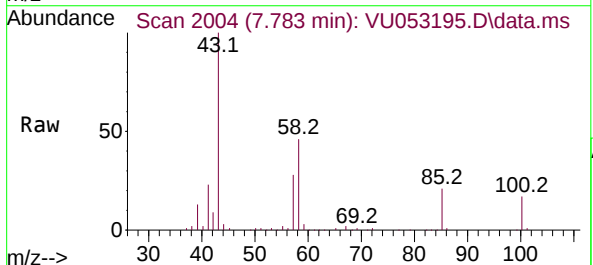
Tgt Ion: 43 Resp: 170675

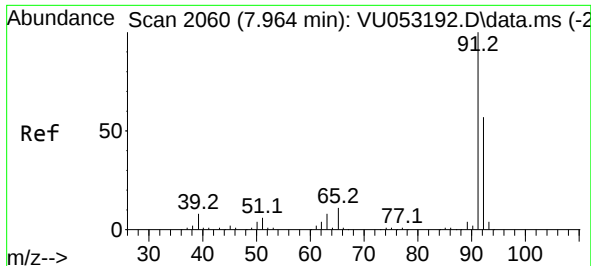
Ion Ratio Lower Upper

43 100

58 45.6 35.8 53.6

100 16.6 13.0 19.6





#42

Toluene

Concen: 49.192 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

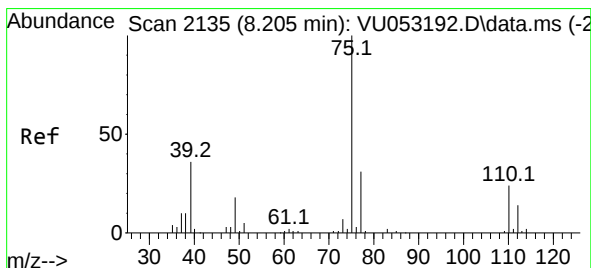
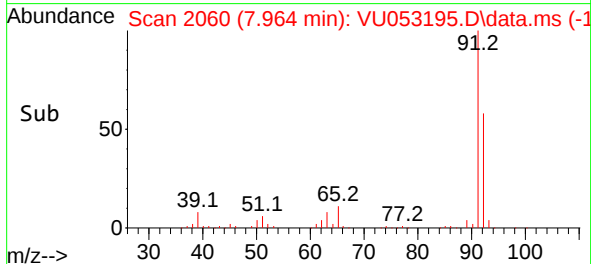
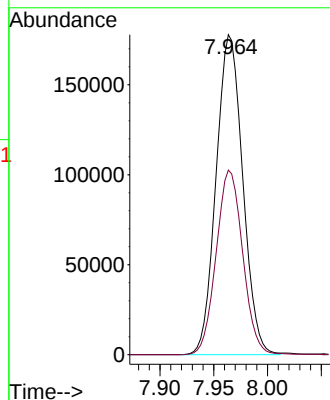
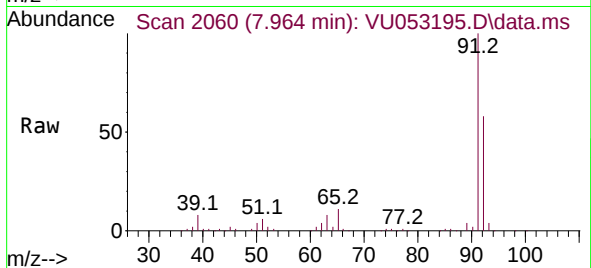
VICV010

Tgt Ion: 91 Resp: 306365

Ion Ratio Lower Upper

91 100

92 57.7 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 51.743 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053195.D

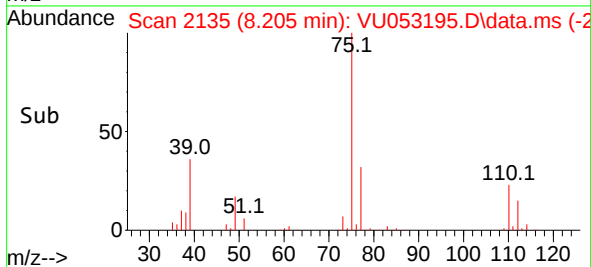
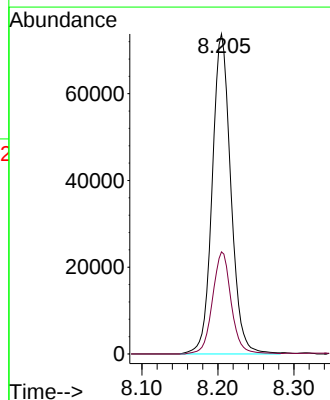
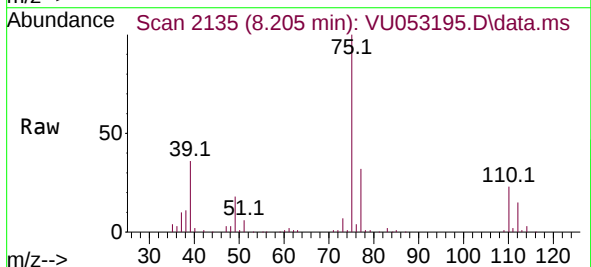
Acq: 15 Mar 2023 12:09

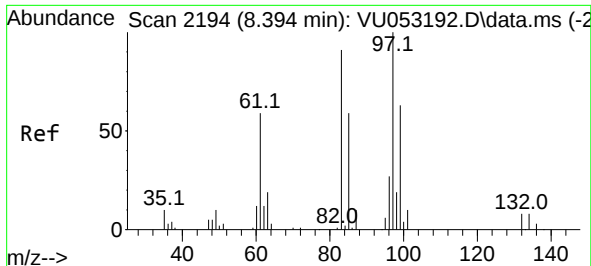
Tgt Ion: 75 Resp: 125596

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



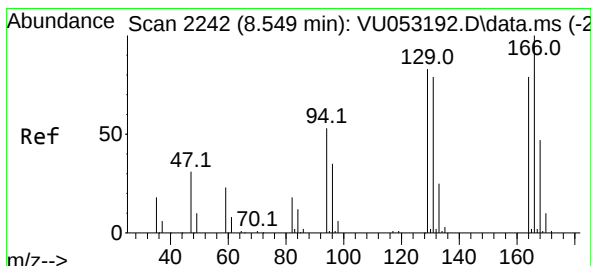
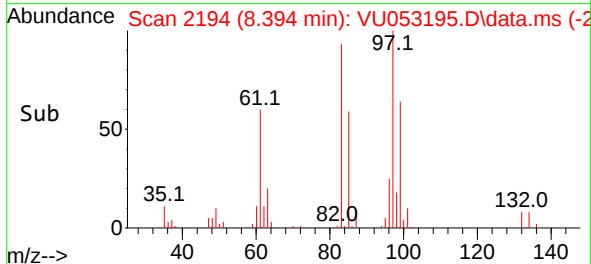
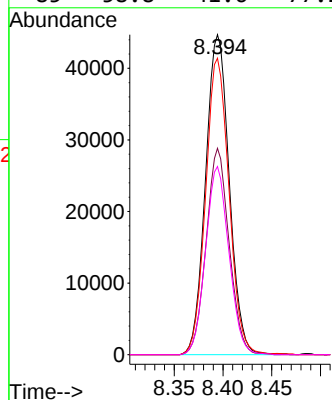
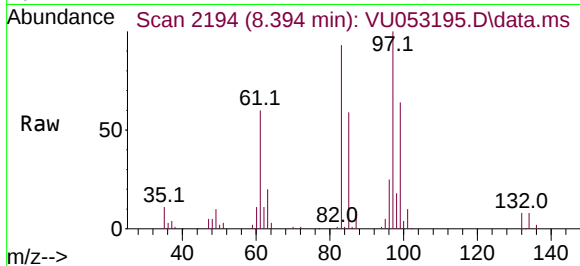


#45
1,1,2-Trichloroethane
Concen: 51.389 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :
VICV010

Tgt Ion: 97 Resp: 75629

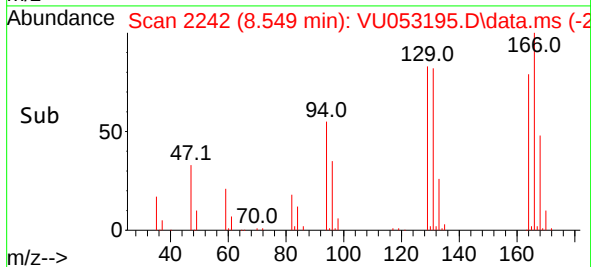
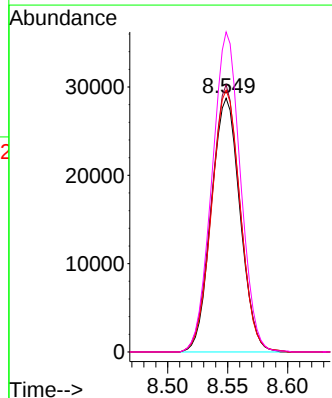
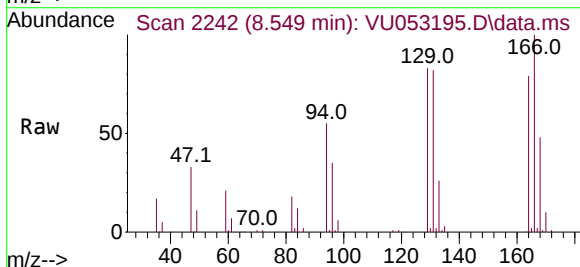
Ion	Ratio	Lower	Upper
97	100		
99	64.5	44.4	82.4
83	92.6	63.8	118.6
85	58.8	41.6	77.2

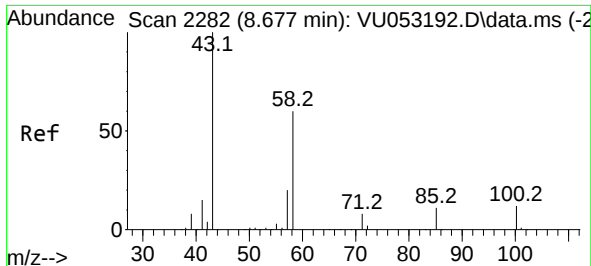


#46
Tetrachloroethene
Concen: 48.716 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 164 Resp: 47874

Ion	Ratio	Lower	Upper
164	100		
129	105.3	73.6	136.8
131	103.2	70.3	130.7
166	126.1	88.9	165.1

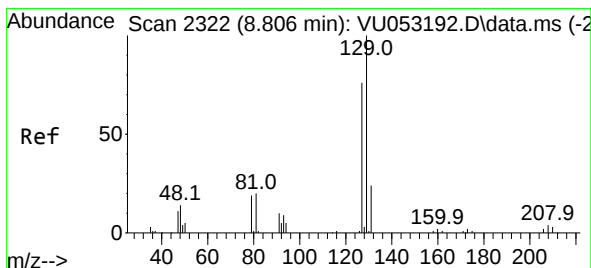
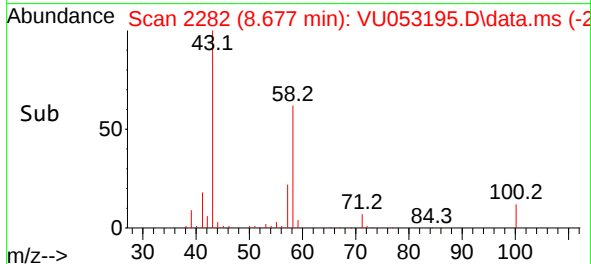
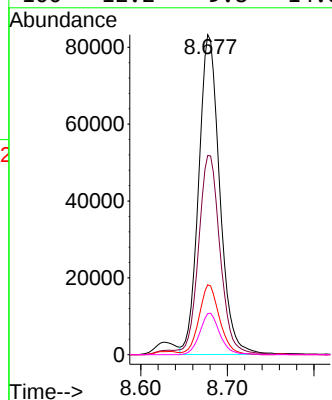
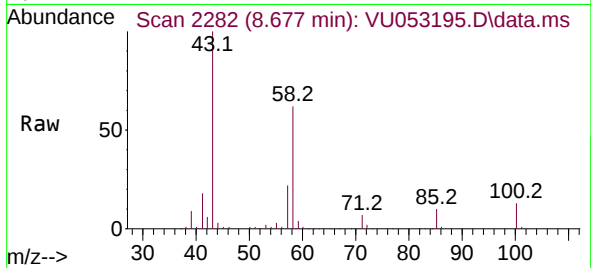




#48
2-Hexanone
Concen: 101.143 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

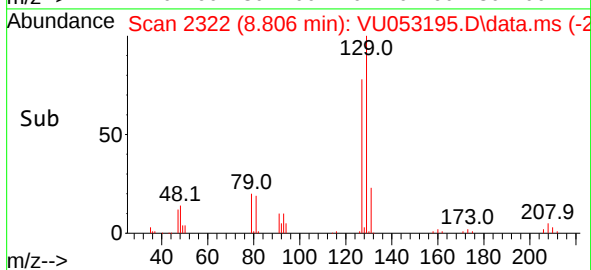
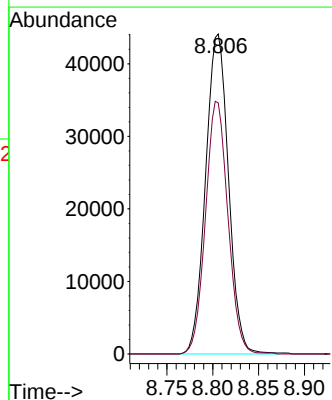
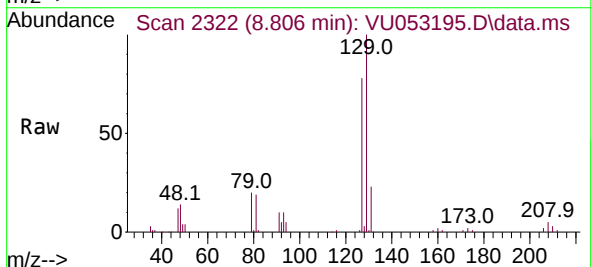
Instrument :
MSVOA_U
ClientSampleId :
VICV010

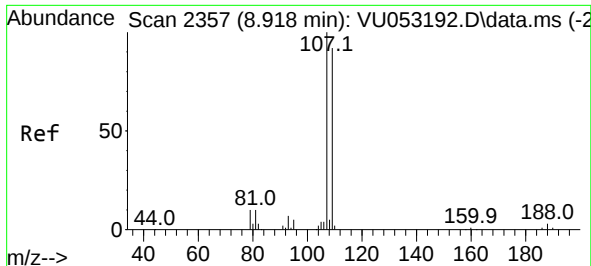
Tgt Ion: 43	Resp: 140701
Ion Ratio	Lower Upper
43 100	
58 63.1	49.4 74.0
57 21.4	16.9 25.3
100 12.2	9.8 14.8



#49
Dibromochloromethane
Concen: 50.908 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:129	Resp: 76639		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	53.1	98.5	

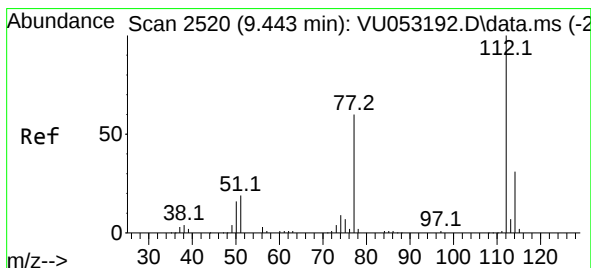
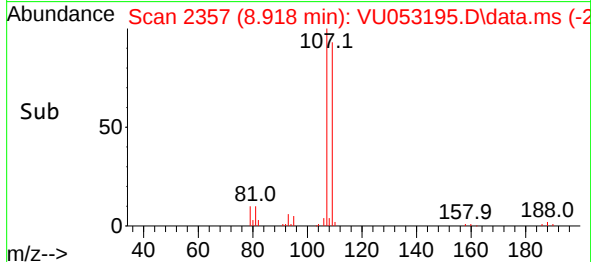
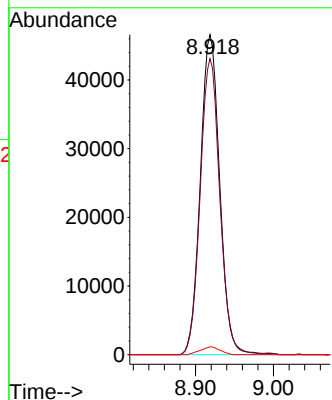
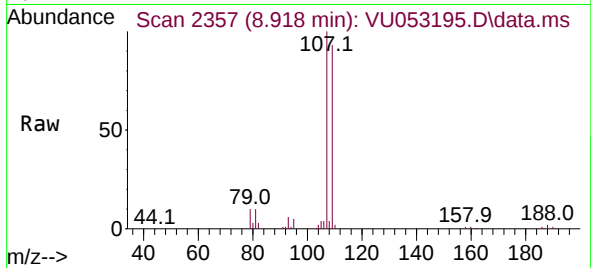




#50
1,2-Dibromoethane
Concen: 51.287 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

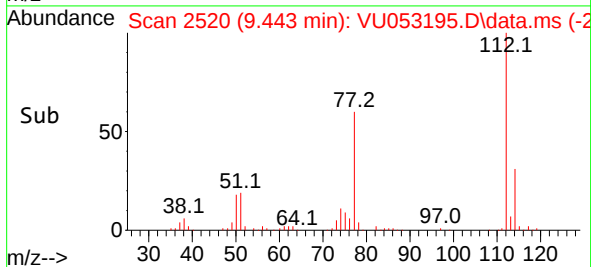
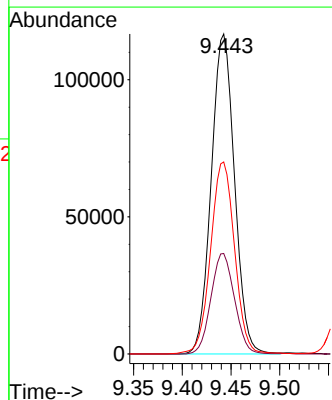
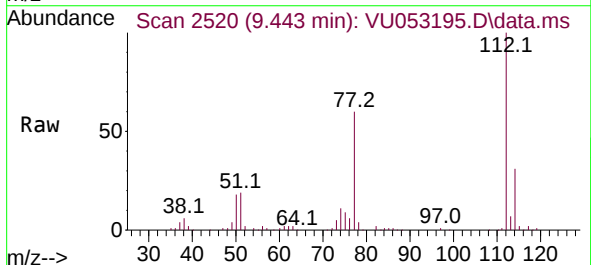
Instrument :
MSVOA_U
ClientSampleId :
VICV010

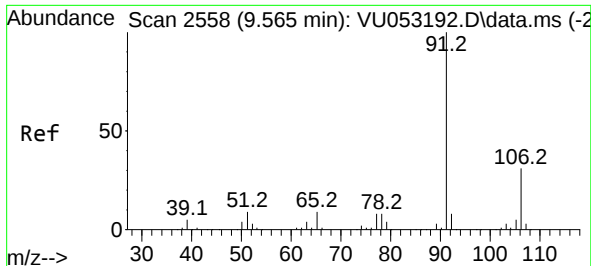
Tgt Ion:107 Resp: 80426
Ion Ratio Lower Upper
107 100
109 92.5 64.6 120.0
188 2.4 2.2 3.4



#51
Chlorobenzene
Concen: 49.917 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:112 Resp: 193760
Ion Ratio Lower Upper
112 100
114 31.4 21.8 40.6
77 60.0 48.8 73.2

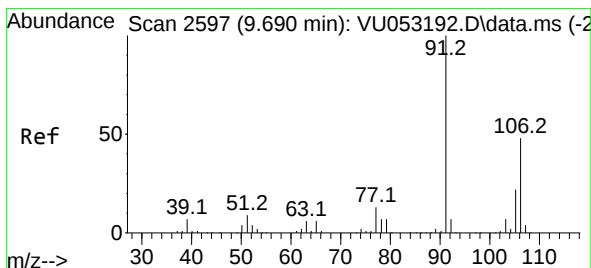
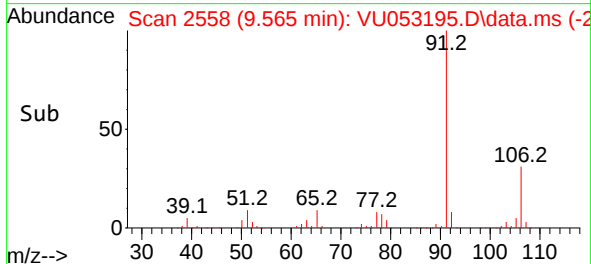
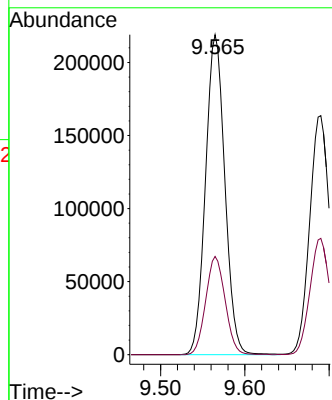
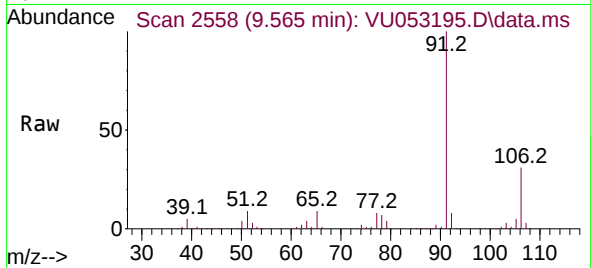




#52
Ethylbenzene
Concen: 49.397 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

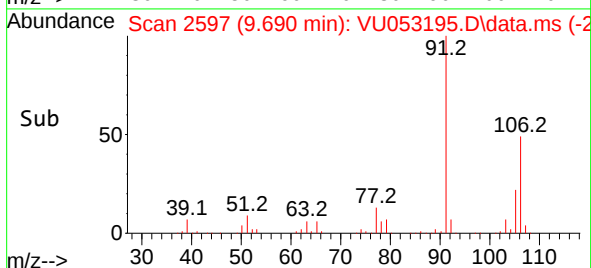
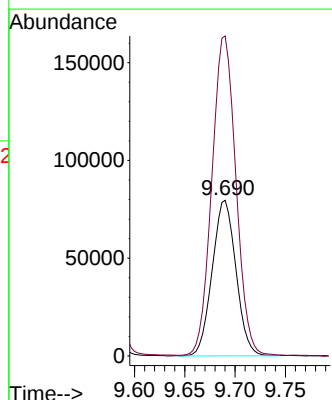
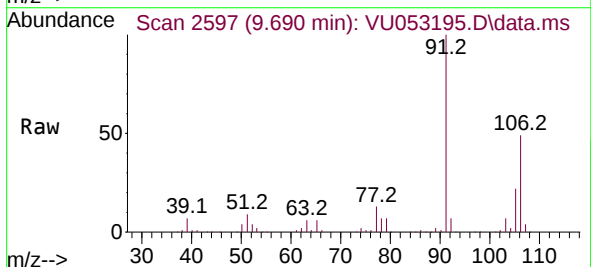
Instrument :
MSVOA_U
ClientSampleId :
VICV010

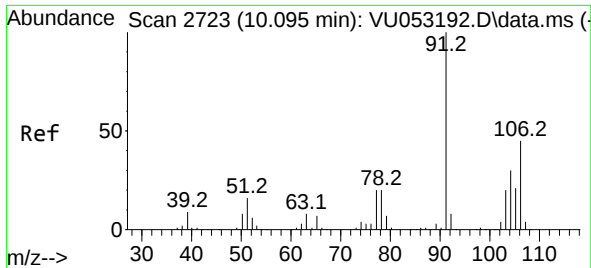
Tgt Ion: 91 Resp: 348874
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#53
m,p-Xylene
Concen: 49.596 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:106 Resp: 130738
Ion Ratio Lower Upper
106 100
91 205.6 145.3 269.8

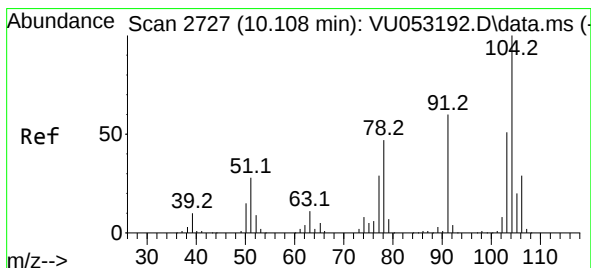
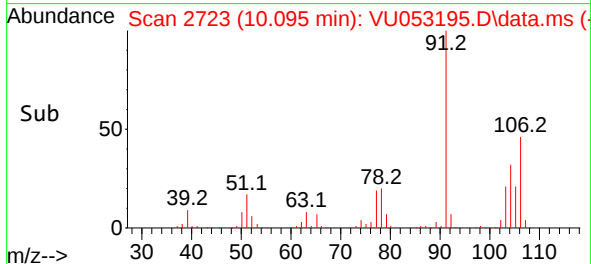
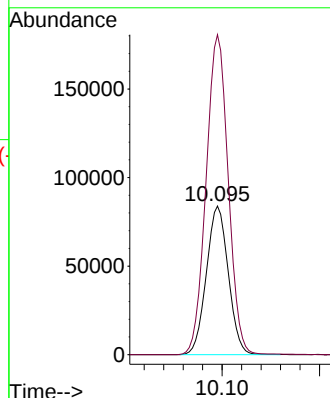
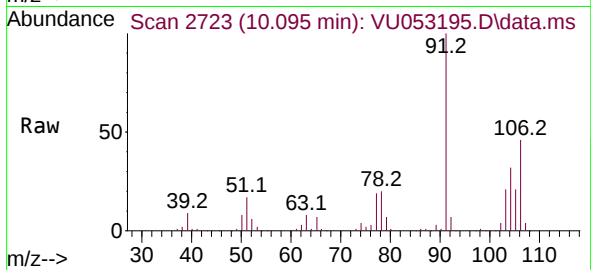




#54
o-Xylene
Concen: 50.342 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

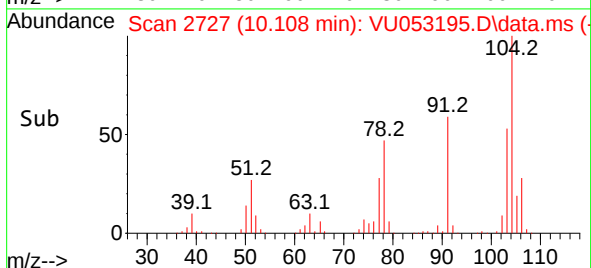
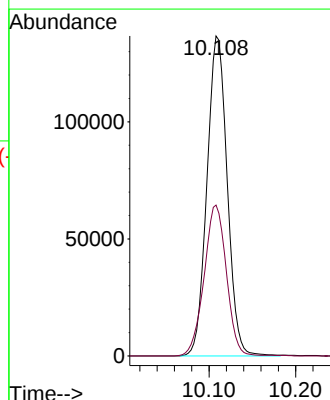
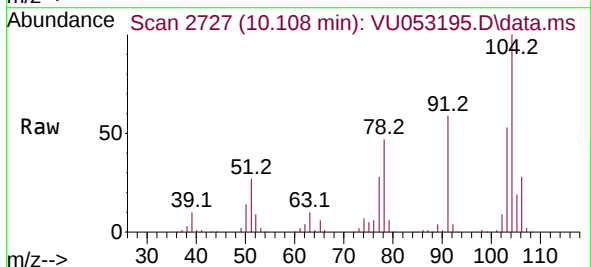
Instrument :
MSVOA_U
ClientSampleId :
VICV010

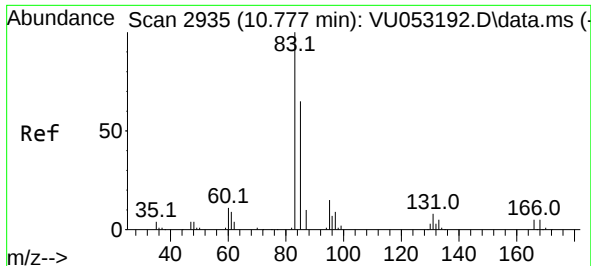
Tgt Ion:106 Resp: 131249
Ion Ratio Lower Upper
106 100
91 215.4 154.9 287.7



#55
Styrene
Concen: 51.178 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:104 Resp: 222380
Ion Ratio Lower Upper
104 100
78 47.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 50.822 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VICV010

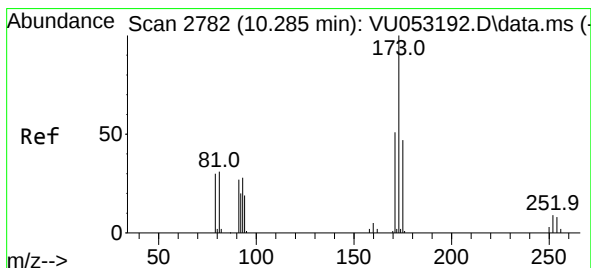
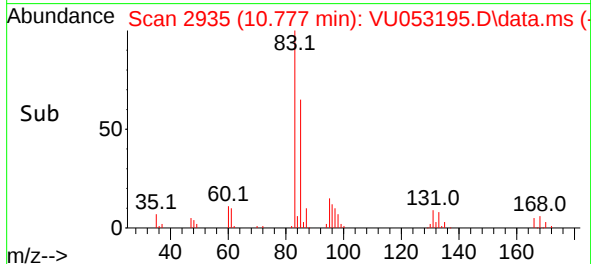
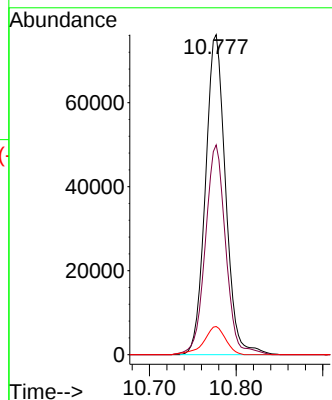
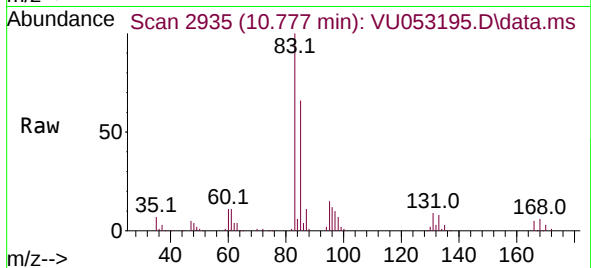
Tgt Ion: 83 Resp: 122626

Ion Ratio Lower Upper

83 100

85 65.6 46.0 85.4

131 8.8 6.6 10.0



#59

Bromoform

Concen: 51.454 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

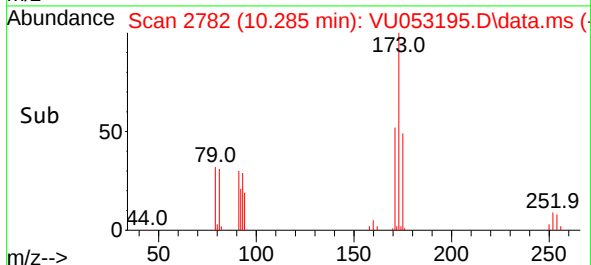
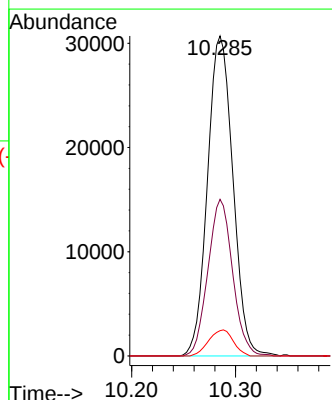
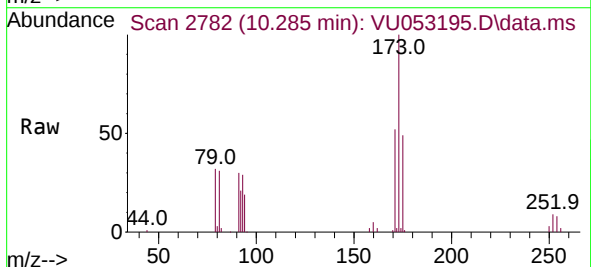
Tgt Ion:173 Resp: 52153

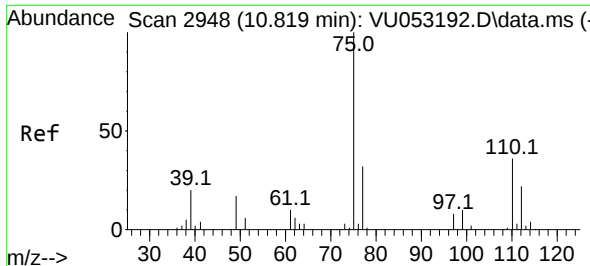
Ion Ratio Lower Upper

173 100

175 47.5 38.5 57.7

254 7.9 6.5 9.7

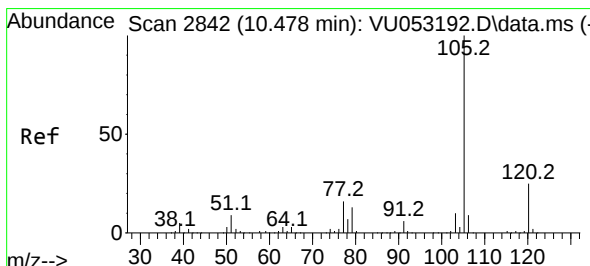
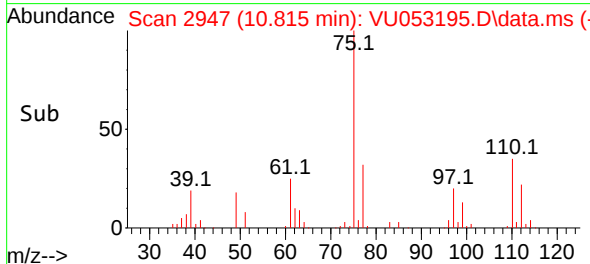
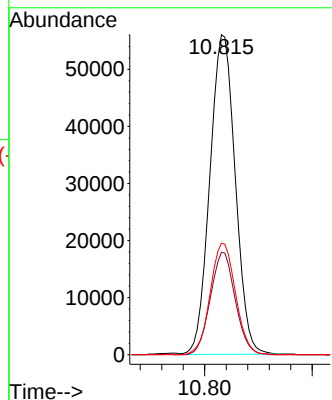
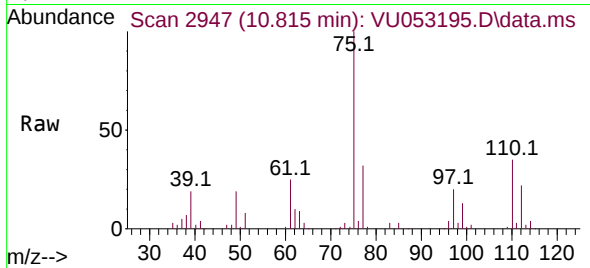




#60
1,2,3-Trichloropropane
Concen: 51.896 ug/L
RT: 10.815 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

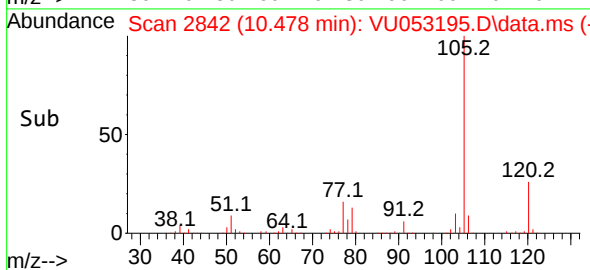
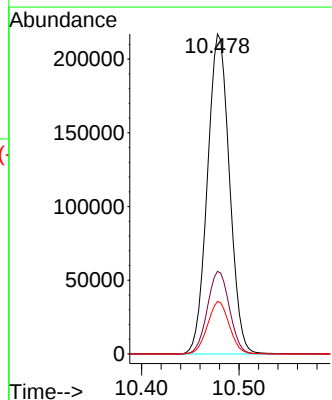
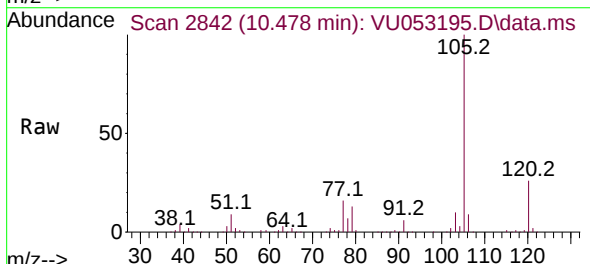
Instrument :
MSVOA_U
ClientSampleId :
VICV010

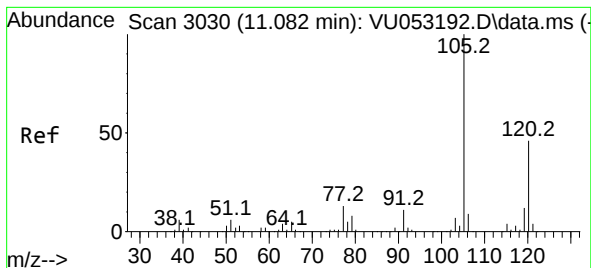
Tgt Ion: 75	Resp: 91848
Ion Ratio	Lower Upper
75 100	
77 31.3	26.6 40.0
110 34.8	28.6 42.8



#61
Isopropylbenzene
Concen: 48.491 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion: 105	Resp: 341247
Ion Ratio	Lower Upper
105 100	
120 26.0	20.4 30.6
77 16.2	13.0 19.4

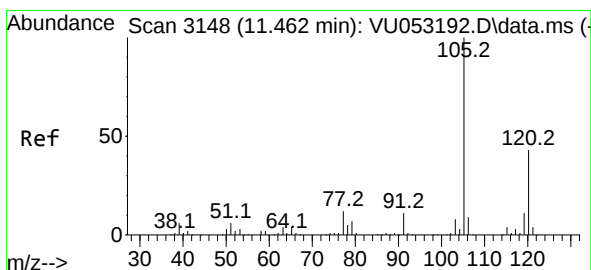
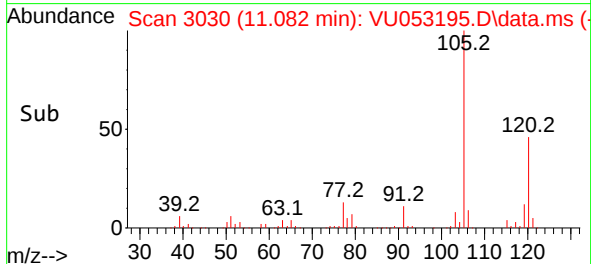
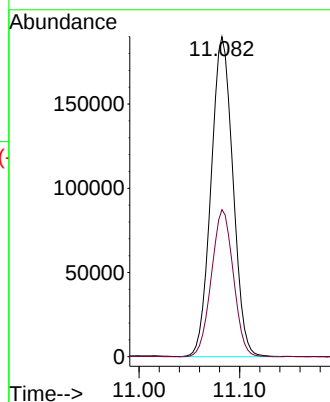
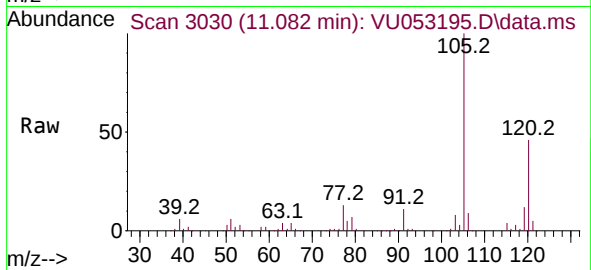




#62
1,3,5-Trimethylbenzene
Concen: 49.364 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

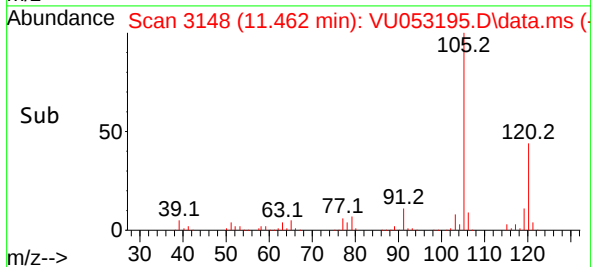
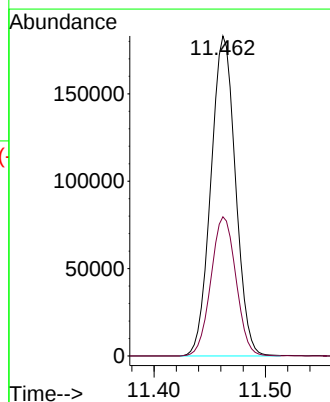
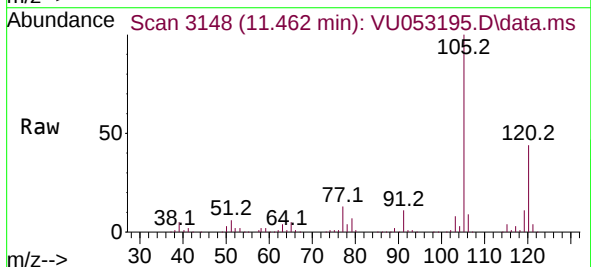
Instrument :
MSVOA_U
ClientSampleId :
VICV010

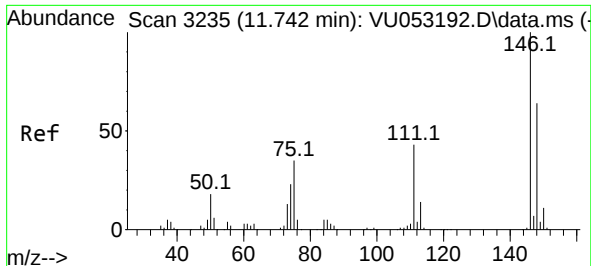
Tgt Ion:105 Resp: 287550
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 49.431 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:105 Resp: 280670
Ion Ratio Lower Upper
105 100
120 44.2 34.6 52.0

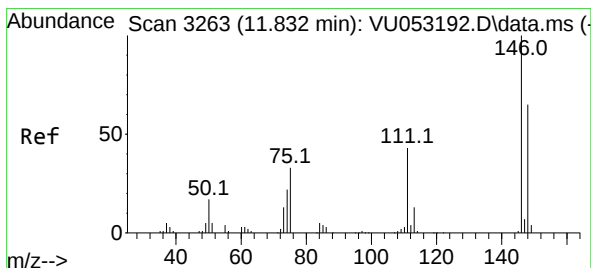
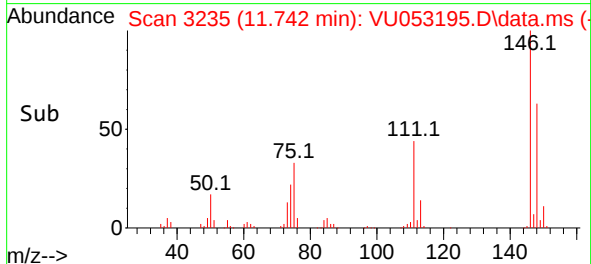
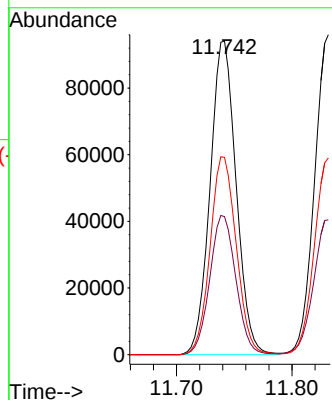
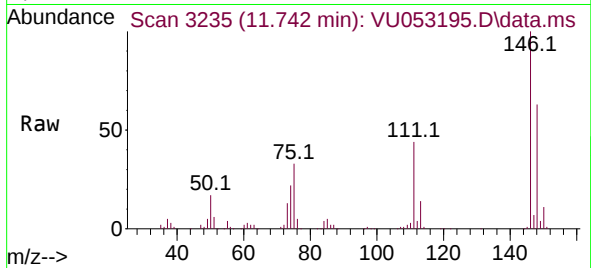




#64
1,3-Dichlorobenzene
Concen: 50.002 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

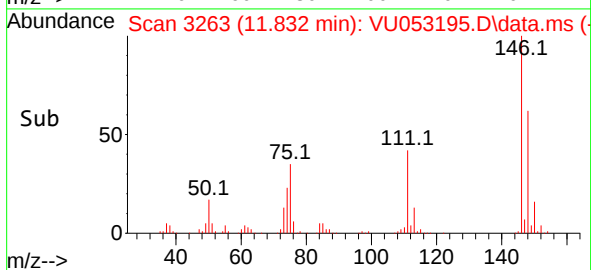
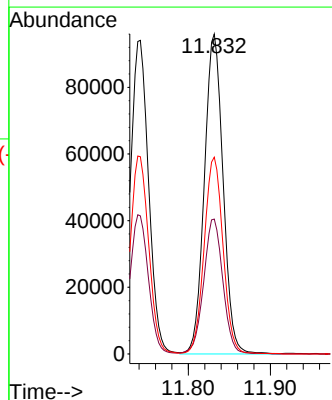
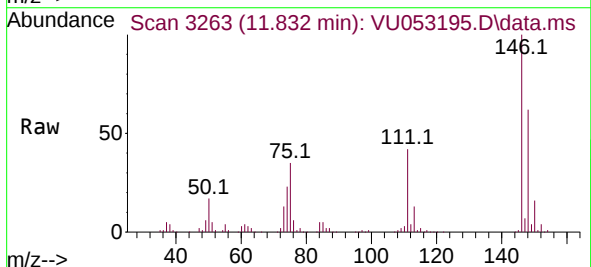
Instrument :
MSVOA_U
ClientSampleId :
VICV010

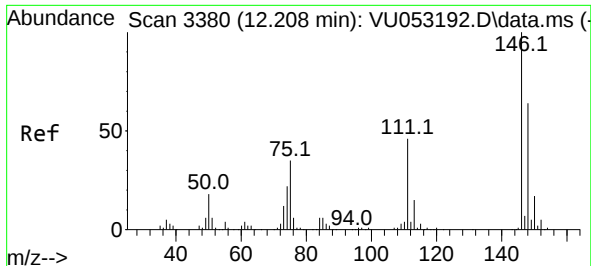
Tgt Ion:146 Resp: 147575
Ion Ratio Lower Upper
146 100
111 44.0 30.2 56.0
148 62.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.295 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:146 Resp: 151981
Ion Ratio Lower Upper
146 100
111 42.2 30.7 57.1
148 61.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 50.025 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VICV010

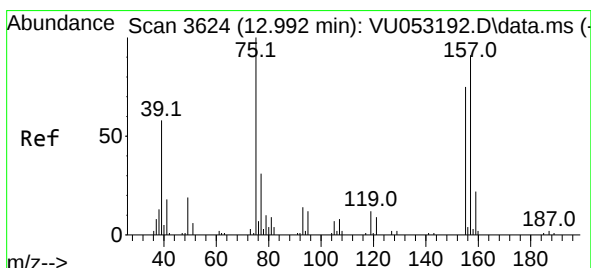
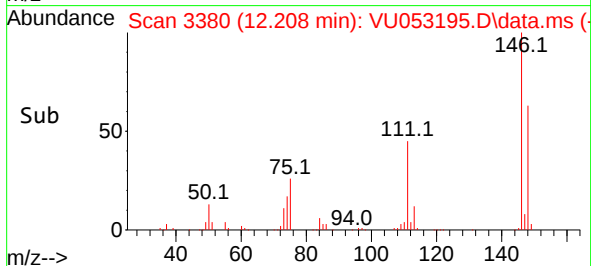
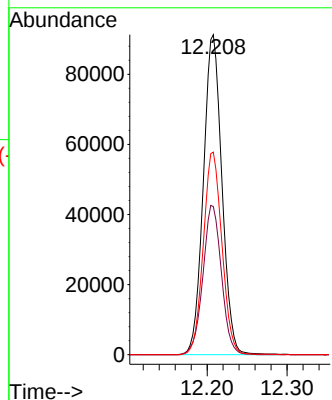
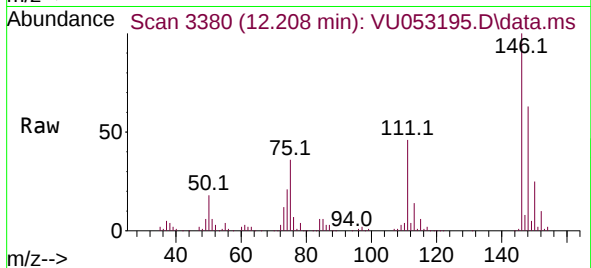
Tgt Ion:146 Resp: 147567

Ion Ratio Lower Upper

146 100

111 46.3 37.0 55.4

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 53.724 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU053195.D

Acq: 15 Mar 2023 12:09

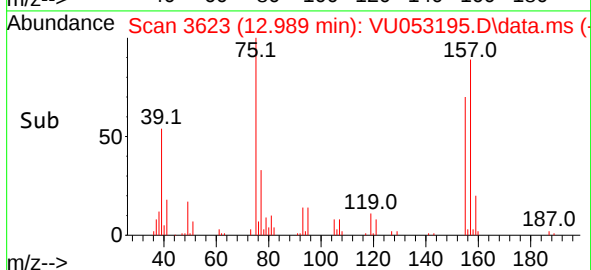
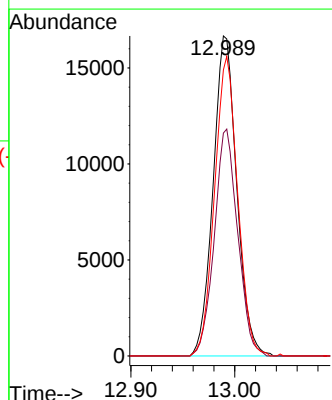
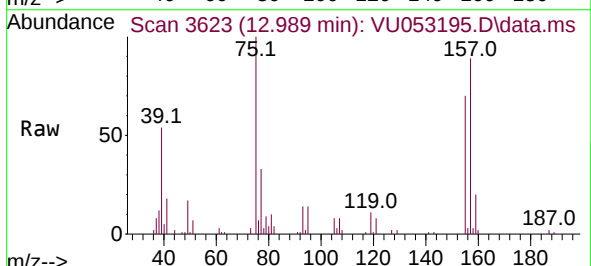
Tgt Ion: 75 Resp: 26293

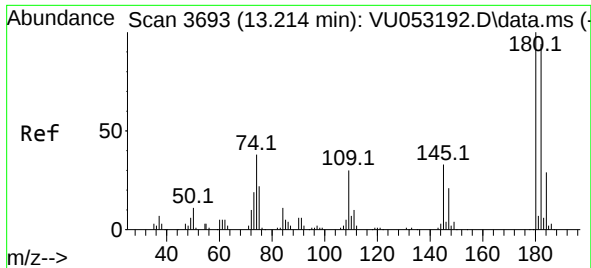
Ion Ratio Lower Upper

75 100

155 69.7 60.2 90.4

157 89.4 73.0 109.4

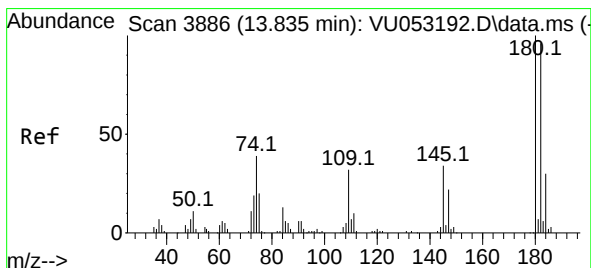
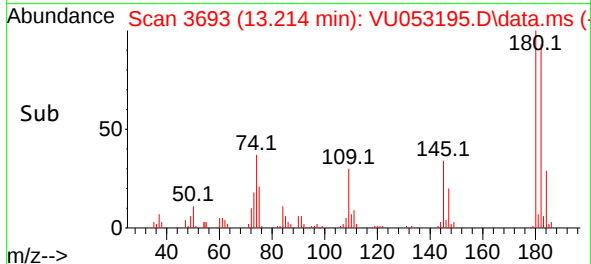
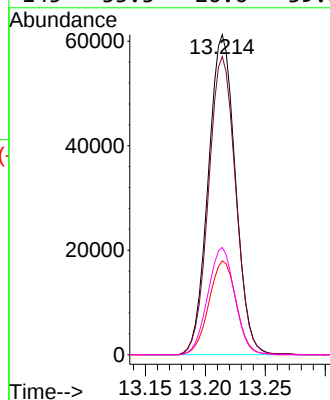
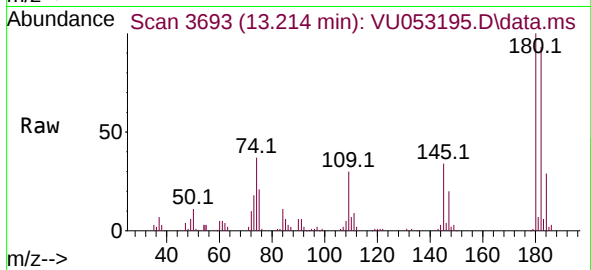




#69
1,3,5-Trichlorobenzene
Concen: 51.413 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

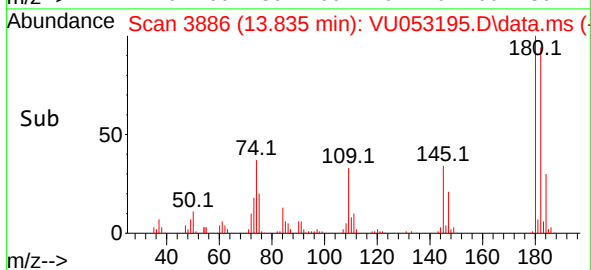
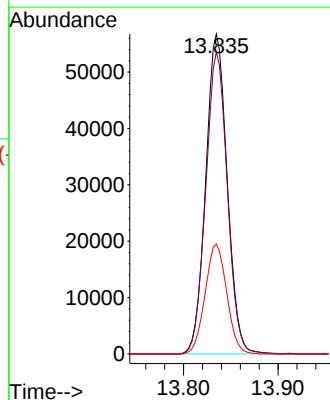
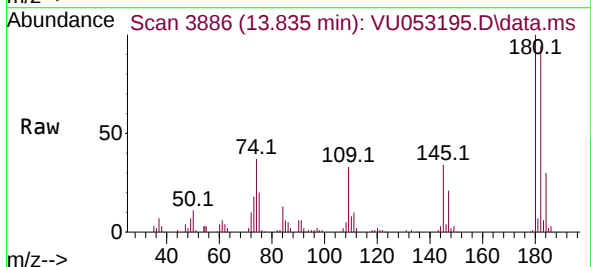
Instrument :
MSVOA_U
ClientSampleId :
VICV010

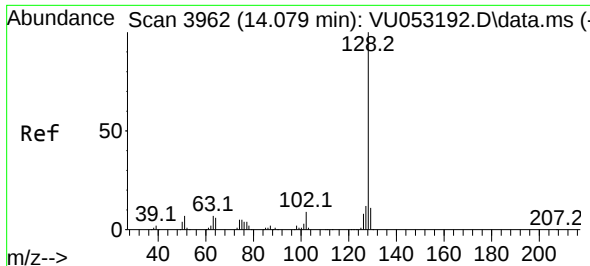
Tgt Ion:180	Resp:	96203
Ion Ratio	Lower	Upper
180	100	
182	93.4	74.5 111.7
184	29.6	23.2 34.8
145	33.3	26.6 39.8



#70
1,2,4-trichlorobenzene
Concen: 53.359 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:180	Resp:	89714
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.8 113.8
145	34.5	27.2 40.8

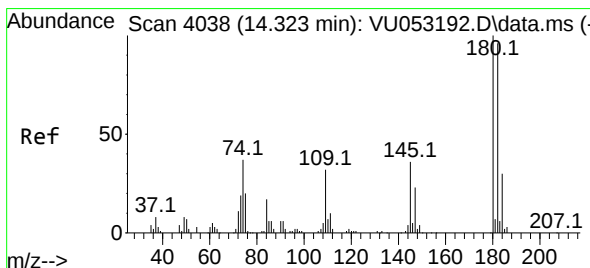
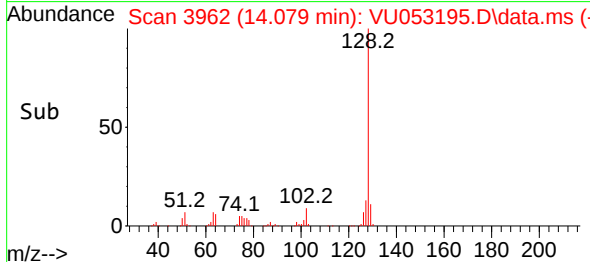
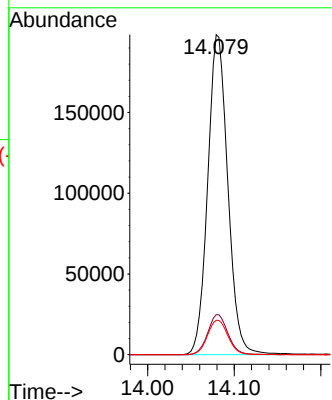
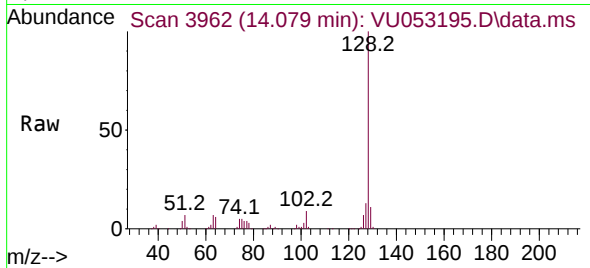




#71
Naphthalene
Concen: 56.404 ug/L
RT: 14.079 min Scan# 319637
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Instrument : MSVOA_U
ClientSampleId : VICV010

Tgt Ion:	128	Resp:	319637
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.0	15.0
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.599 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053195.D
Acq: 15 Mar 2023 12:09

Tgt Ion:	180	Resp:	87055
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.7	115.1
145	37.1	28.6	42.8

