

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053238.D
 Acq On : 16 Mar 2023 19:51
 Operator : JC/MD
 Sample : 01929-21MS 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3MS

Quant Time: Mar 17 02:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	147444	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	74485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57769	42.469	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.940%		
7) Chloroethane-d5	1.909	69	46820	42.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.100%		
11) 1,1-Dichloroethene-d2	2.565	63	102720	43.592	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.180%		
21) 2-Butanone-d5	4.610	46	72082	114.254	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.250%		
24) Chloroform-d	5.057	84	102979	45.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.920%		
26) 1,2-Dichloroethane-d4	5.694	65	65434	47.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.060%		
32) Benzene-d6	5.719	84	208897	45.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.140%		
36) 1,2-Dichloropropane-d6	6.684	67	69563	47.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.040%		
41) Toluene-d8	7.893	98	188054	44.060	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.120%		
43) trans-1,3-Dichloroprop...	8.173	79	32690	44.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.560%		
47) 2-Hexanone-d5	8.626	63	52525	113.551	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.550%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97316	50.774	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.540%		
66) 1,2-Dichlorobenzene-d4	12.188	152	65611	45.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	75521	49.071	ug/L	99
3) Chloromethane	1.520	50	72008	50.777	ug/L	100
5) Vinyl chloride	1.604	62	249614	160.905	ug/L	98
6) Bromomethane	1.851	94	43816	46.988	ug/L	96
8) Chloroethane	1.932	64	45540	49.697	ug/L	98
9) Trichlorofluoromethane	2.137	101	95957	49.576	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	54857	46.852	ug/L	96
12) 1,1-Dichloroethene	2.578	96	50051	46.223	ug/L	92
13) Acetone	2.617	43	46270	64.395	ug/L	98
14) Carbon disulfide	2.790	76	152321	46.444	ug/L	99
15) Methyl Acetate	2.941	43	55417	56.268	ug/L	99
16) Methylene chloride	3.041	84	63734	48.518	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	52606	47.881	ug/L	92
18) Methyl tert-butyl Ether	3.356	73	194575	52.668	ug/L	99
19) 1,1-Dichloroethane	3.864	63	113359	50.546	ug/L	100
20) cis-1,2-Dichloroethene	4.658	96	175157	135.734	ug/L	95
22) 2-Butanone	4.690	43	77429	94.587	ug/L	97
23) Bromochloromethane	4.967	128	30622	49.768	ug/L	90
25) Chloroform	5.079	83	114162	50.870	ug/L	99

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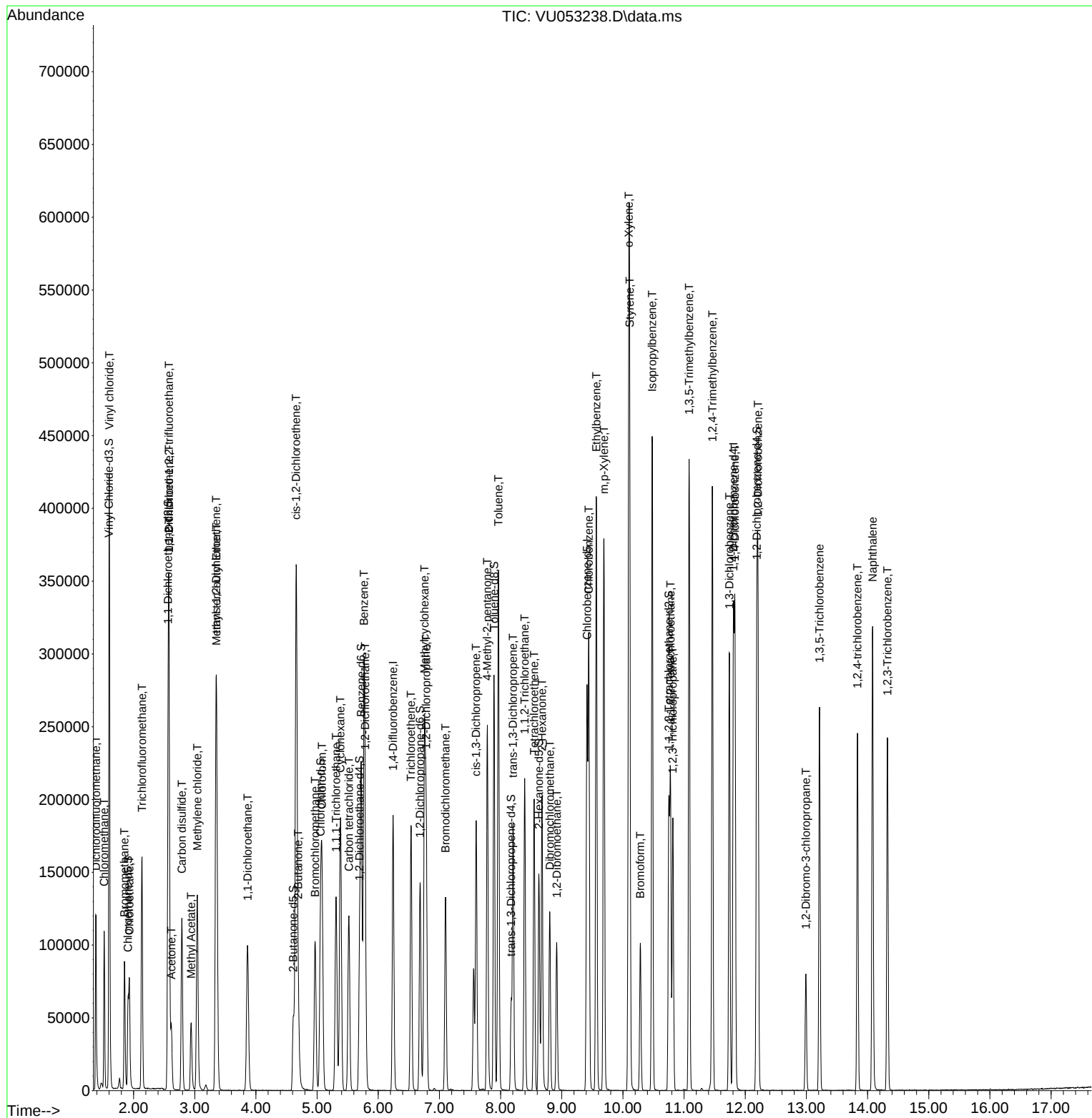
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	89262	50.386	ug/L	99
29) Cyclohexane	5.382	56	101593	48.240	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	92364	47.944	ug/L	98
31) Carbon tetrachloride	5.520	117	75486	47.827	ug/L	99
33) Benzene	5.768	78	244578	49.914	ug/L	100
34) Trichloroethene	6.536	95	62058	48.572	ug/L	100
35) Methylcyclohexane	6.758	83	104824	46.806	ug/L	100
37) 1,2-Dichloropropane	6.784	63	71015	51.946	ug/L	100
38) Bromodichloromethane	7.099	83	84195	49.488	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	111964	49.849	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	156575	111.429	ug/L	99
42) Toluene	7.964	91	258218	49.017	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	102558	49.952	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	62660	50.337	ug/L	98
46) Tetrachloroethene	8.549	164	38879	46.773	ug/L	98
48) 2-Hexanone	8.677	43	117976	100.263	ug/L	99
49) Dibromochloromethane	8.806	129	61147	48.019	ug/L	99
50) 1,2-Dibromoethane	8.919	107	66362	50.031	ug/L	98
51) Chlorobenzene	9.443	112	158739	48.348	ug/L	98
52) Ethylbenzene	9.565	91	291886	48.860	ug/L	99
53) m,p-Xylene	9.690	106	108910	48.845	ug/L	97
54) o-Xylene	10.095	106	107388	48.696	ug/L	99
55) Styrene	10.111	104	181284	49.324	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	105999	51.937	ug/L	100
59) Bromoform	10.285	173	40216	47.445	ug/L	97
60) 1,2,3-Trichloropropane	10.816	75	79676	53.832	ug/L	97
61) Isopropylbenzene	10.478	105	286566	48.693	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	234248	48.086	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	226121	47.621	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	114611	46.435	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	116944	47.197	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	116407	47.187	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	21234	51.881	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	69958	44.706	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	63788	45.367	ug/L	98
71) Naphthalene	14.082	128	247246	52.171	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	65241	48.928	ug/L	98

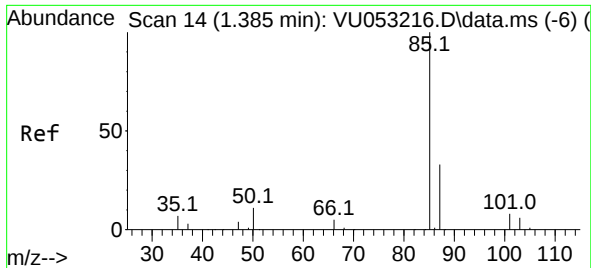
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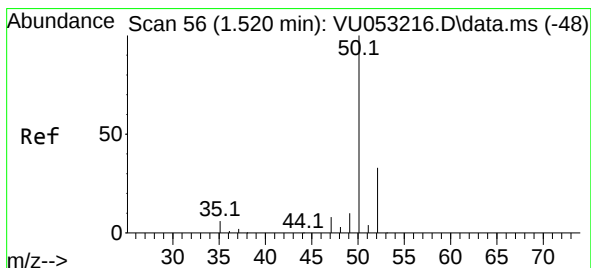
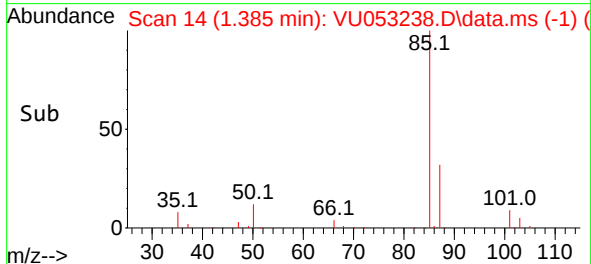
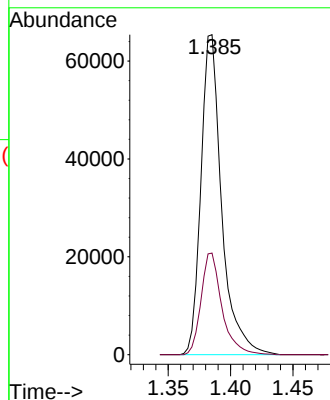
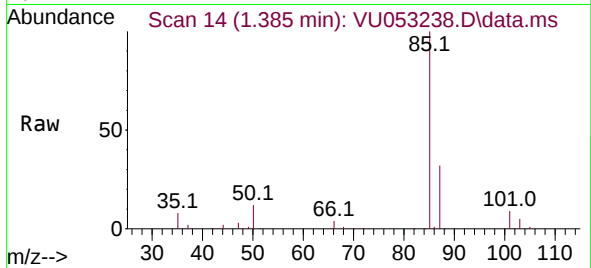




#2
Dichlorodifluoromethane
Concen: 49.071 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

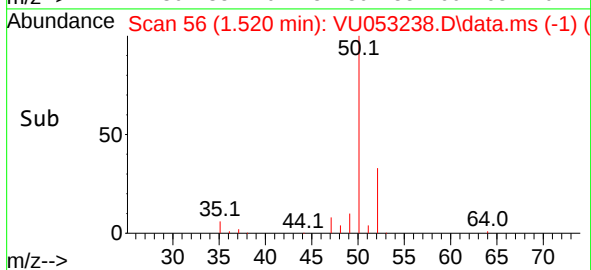
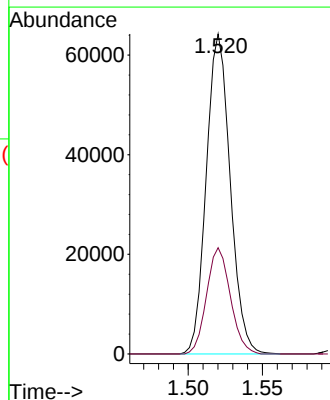
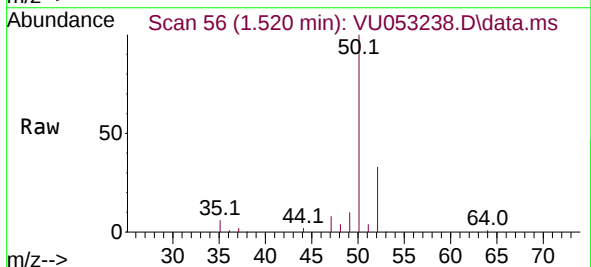
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MSVOA_U
ClientSampleId :
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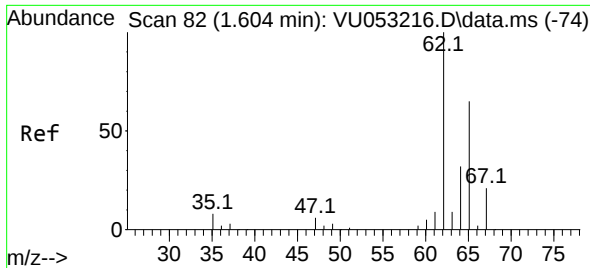
Tgt Ion: 85 Resp: 75521
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 50.777 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 50 Resp: 72008
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.4

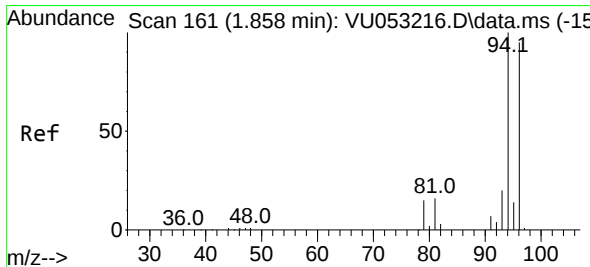
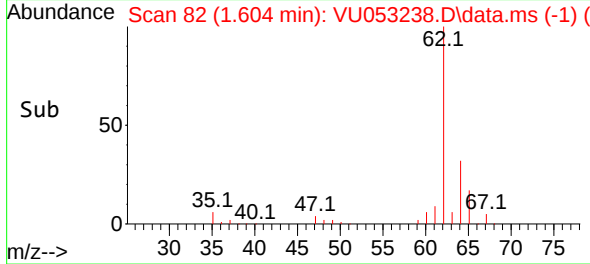
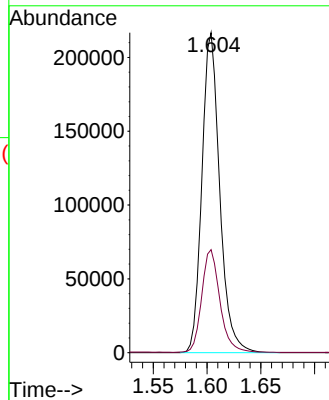
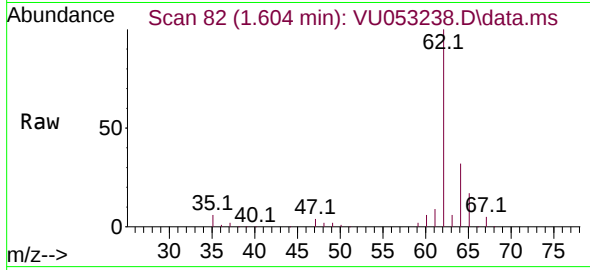




#5
 Vinyl chloride
 Concen: 160.905 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053238.D
 Acq: 16 Mar 2023 19:51

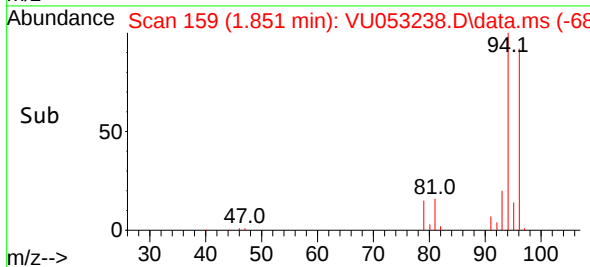
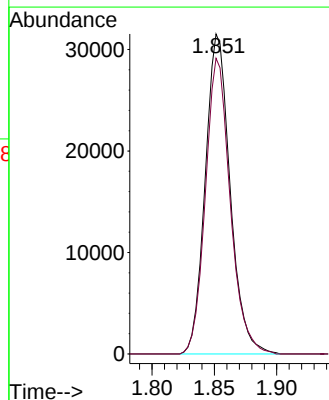
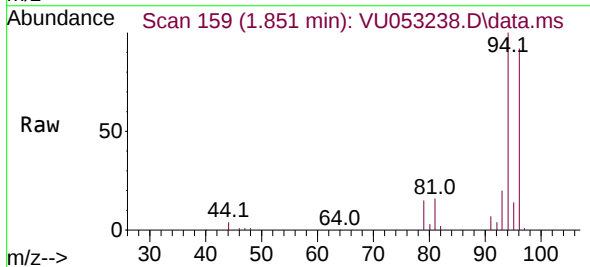
Instrument :
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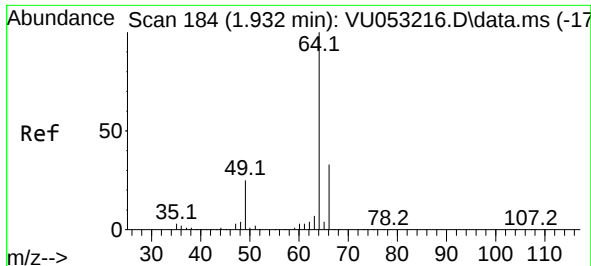
Tgt Ion: 62 Resp: 249614
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.2 43.0



#6
 Bromomethane
 Concen: 46.988 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.007 min
 Lab File: VU053238.D
 Acq: 16 Mar 2023 19:51

Tgt Ion: 94 Resp: 43816
 Ion Ratio Lower Upper
 94 100
 96 92.4 67.5 125.3

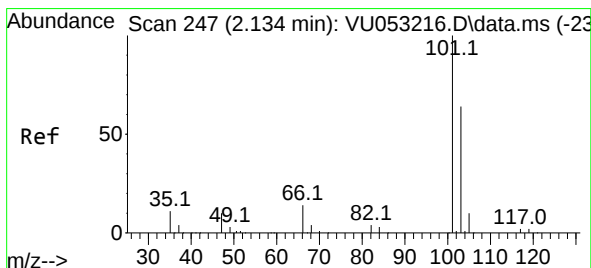
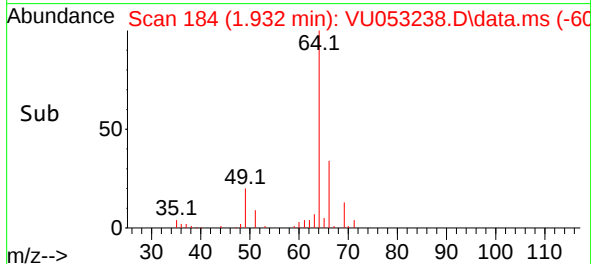
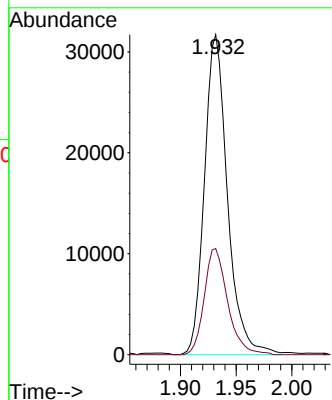
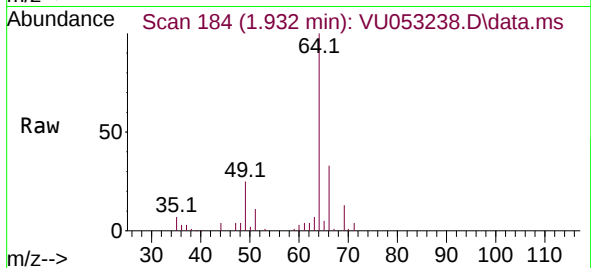




#8
Chloroethane
Concen: 49.697 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

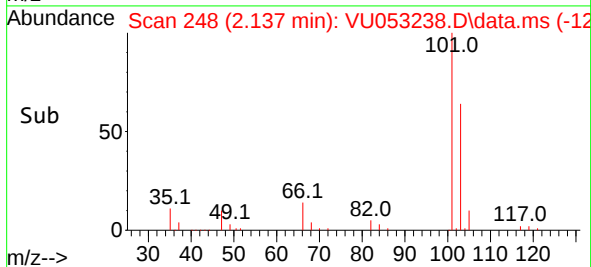
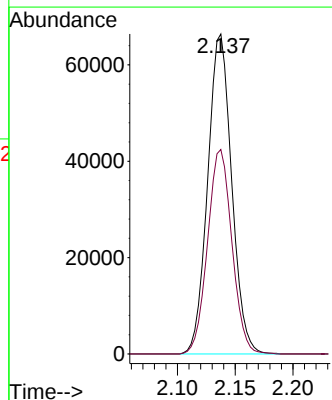
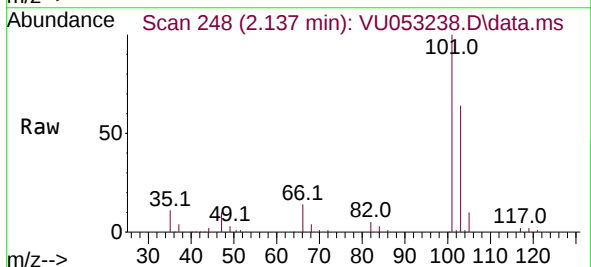
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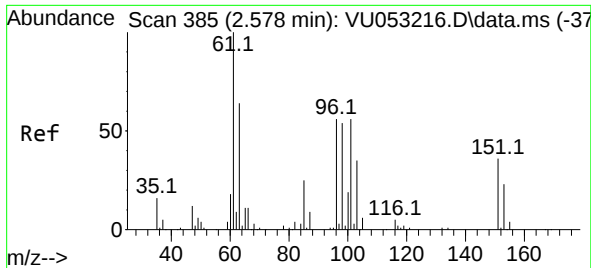
Tgt Ion: 64 Resp: 45540
Ion Ratio Lower Upper
64 100
66 33.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 49.576 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:101 Resp: 95957
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

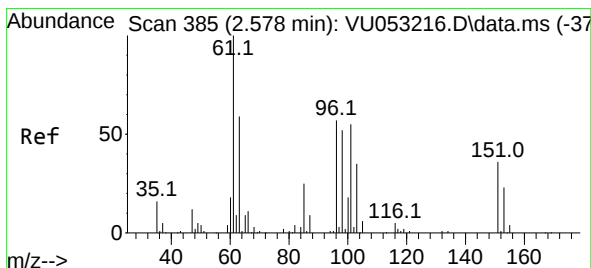
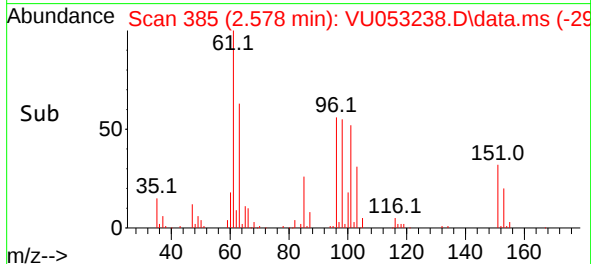
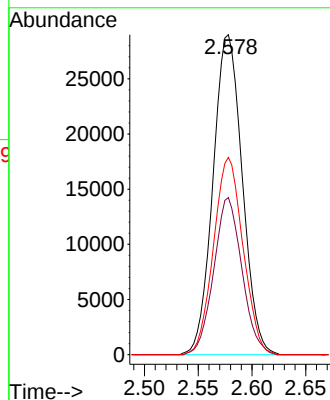
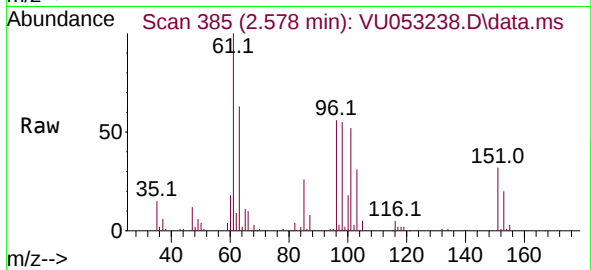




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.852 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053238.D
 Acq: 16 Mar 2023 19:51

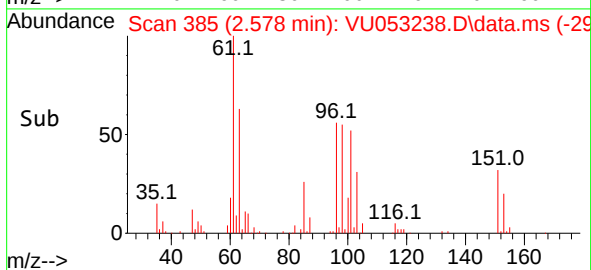
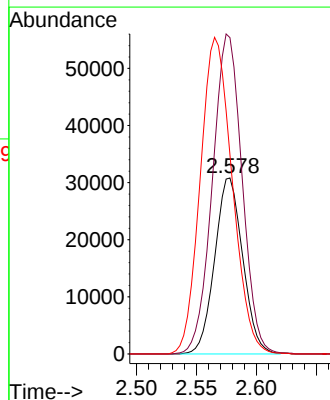
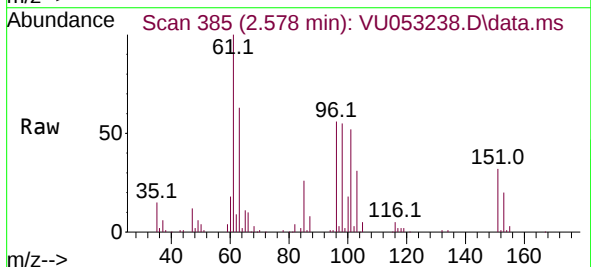
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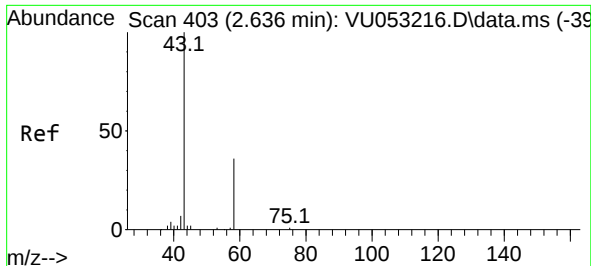
Tgt Ion:	101	Resp:	54857
Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.0	55.6
151	62.1	52.9	79.3



#12
 1,1-Dichloroethene
 Concen: 46.223 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053238.D
 Acq: 16 Mar 2023 19:51

Tgt Ion:	96	Resp:	50051
Ion	Ratio	Lower	Upper
96	100		
61	179.8	122.2	226.9
63	113.1	89.9	166.9





#13

Acetone

Concen: 64.395 ug/L

RT: 2.617 min Scan# 397

Delta R.T. -0.019 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

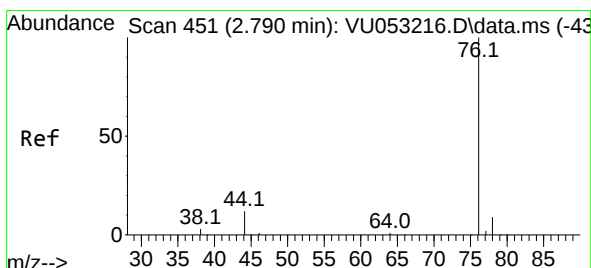
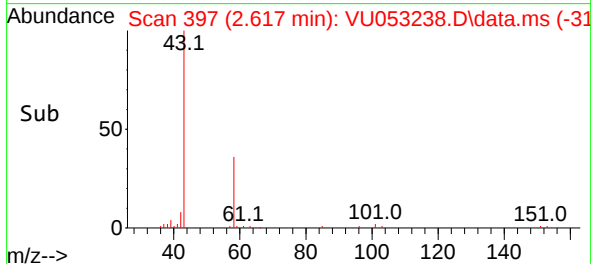
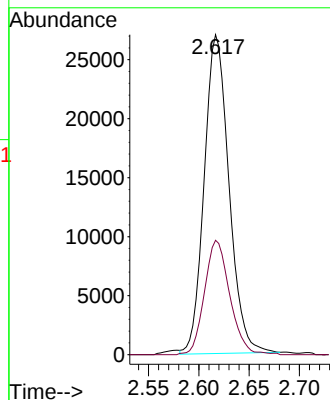
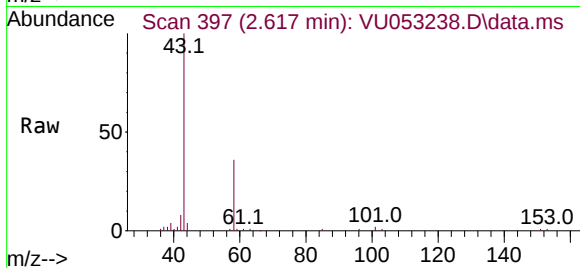
EYFG3MS

Tgt Ion: 43 Resp: 46270

Ion Ratio Lower Upper

43 100

58 36.6 0.0 75.0



#14

Carbon disulfide

Concen: 46.444 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053238.D

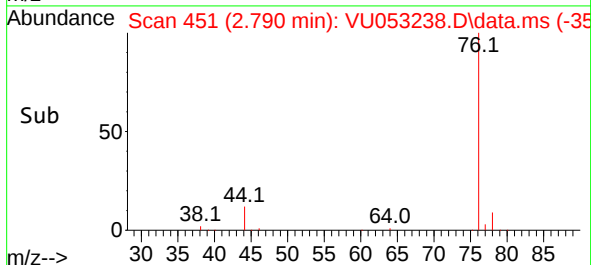
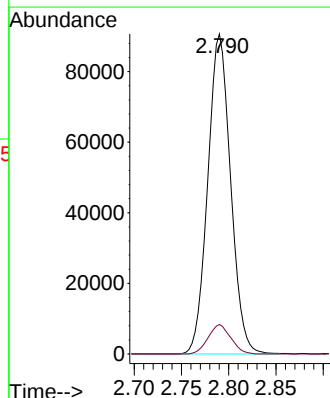
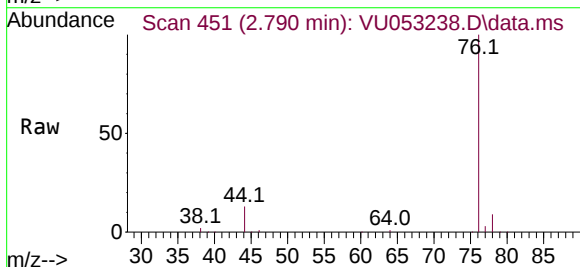
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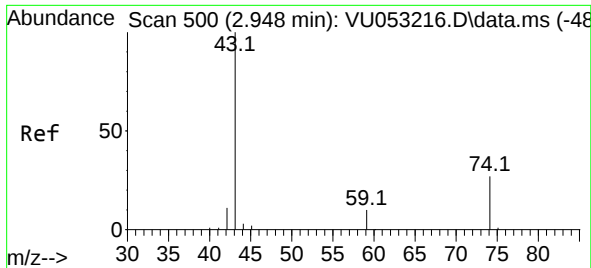
Tgt Ion: 76 Resp: 152321

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

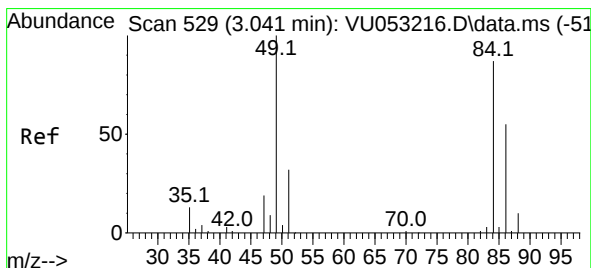
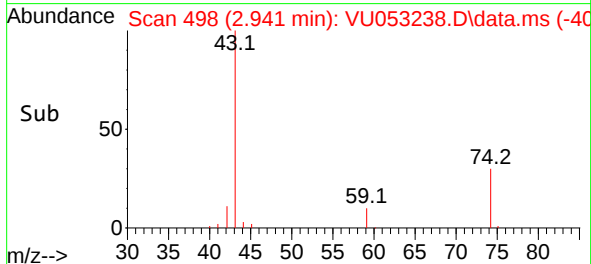
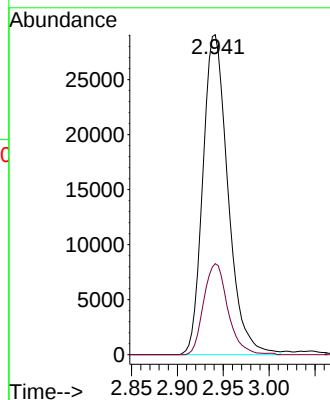
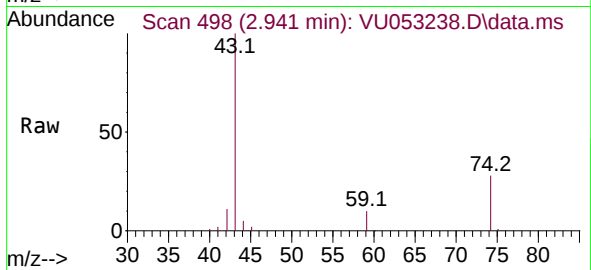




#15
Methyl Acetate
Concen: 56.268 ug/L
RT: 2.941 min Scan# 498
Delta R.T. -0.007 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

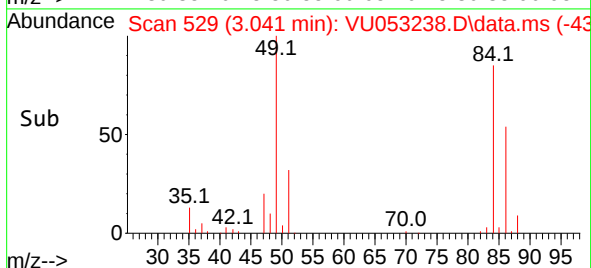
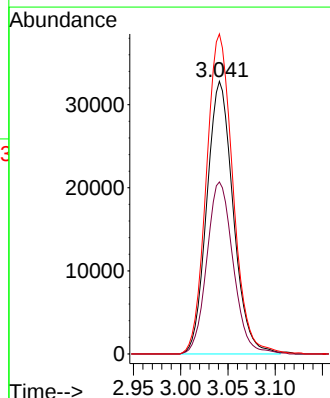
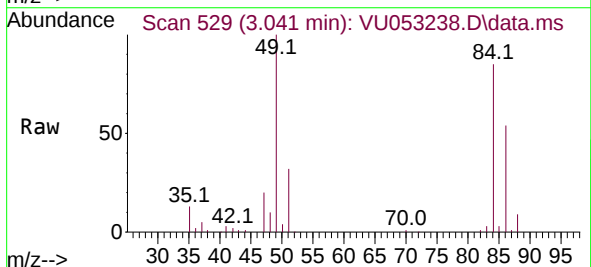
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

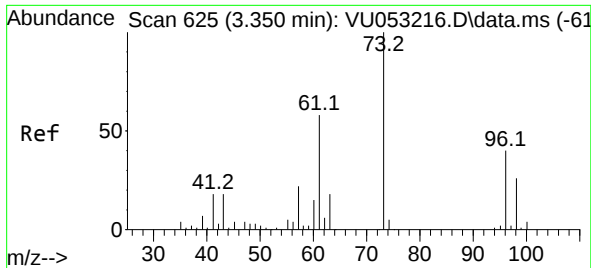
Tgt Ion: 43 Resp: 55417
Ion Ratio Lower Upper
43 100
74 27.2 21.4 32.0



#16
Methylene chloride
Concen: 48.518 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 84 Resp: 63734
Ion Ratio Lower Upper
84 100
86 63.1 44.4 82.4
49 117.4 81.6 151.6

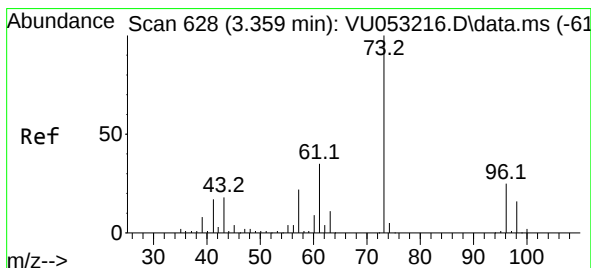
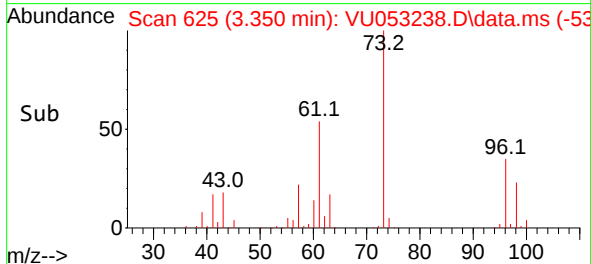
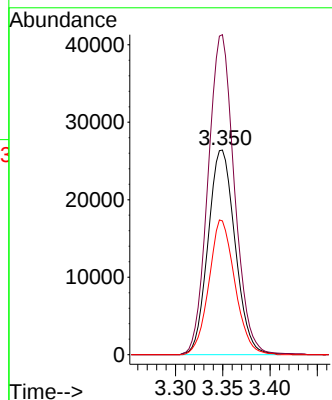
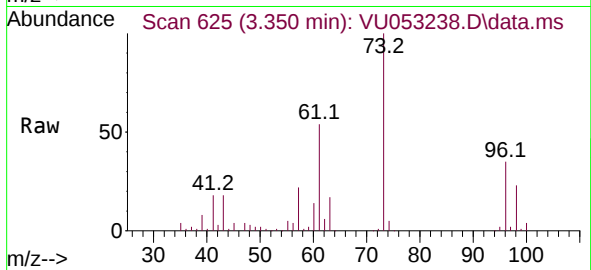




#17
trans-1,2-Dichloroethene
Concen: 47.881 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

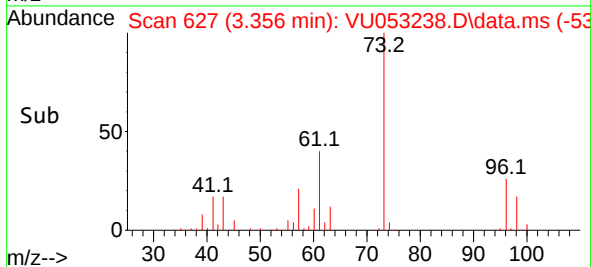
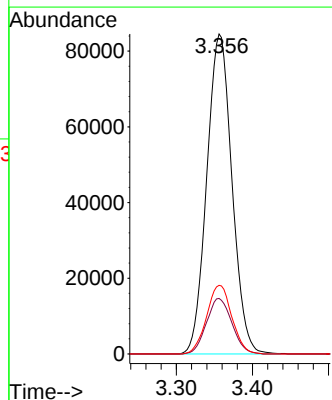
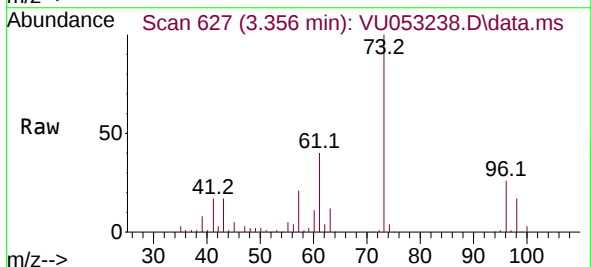
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

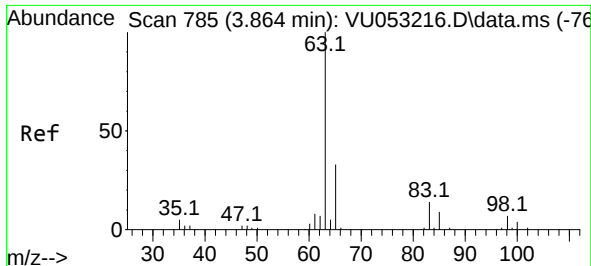
Tgt Ion: 96 Resp: 52606
Ion Ratio Lower Upper
96 100
61 156.3 99.6 185.0
98 65.3 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 52.668 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 73 Resp: 194575
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.2
57 21.5 18.0 27.0





#19

1,1-Dichloroethane

Concen: 50.546 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MS

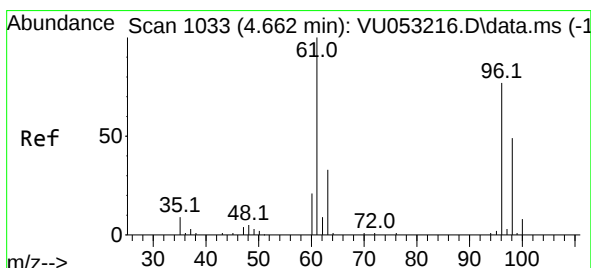
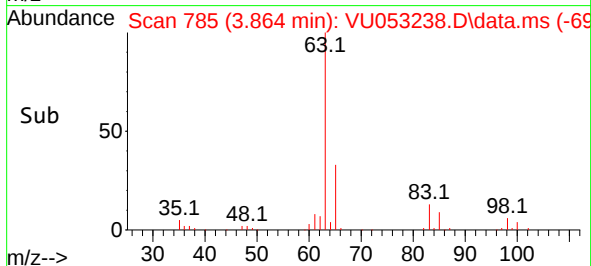
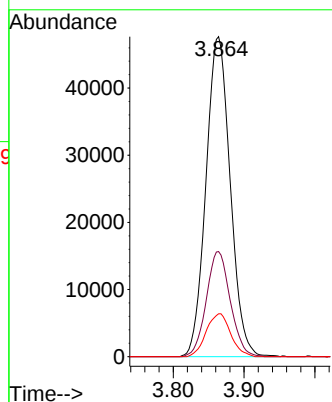
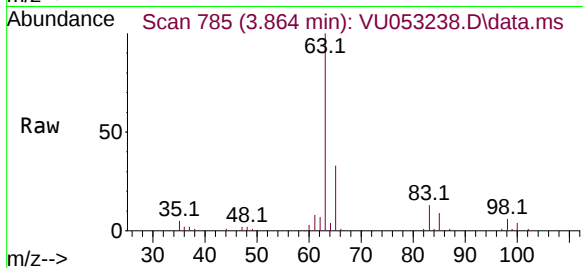
Tgt Ion: 63 Resp: 113359

Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 13.4 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 135.734 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

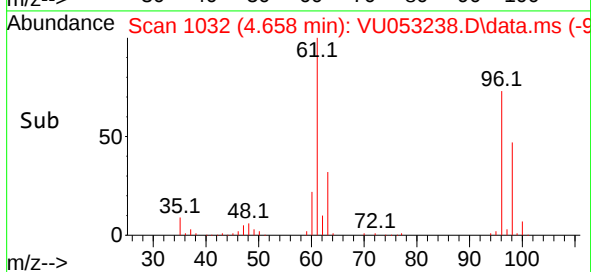
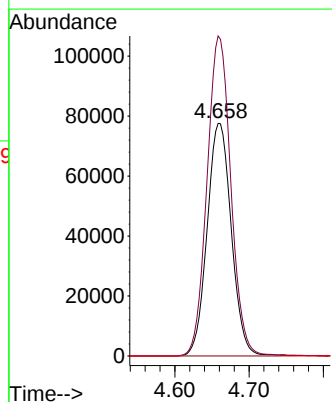
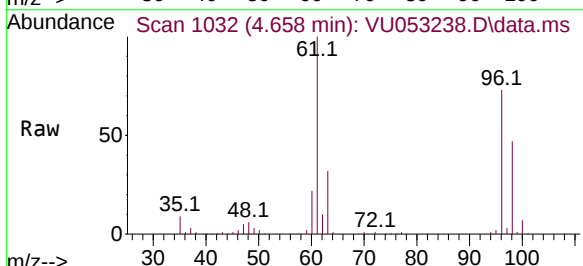
Tgt Ion: 96 Resp: 175157

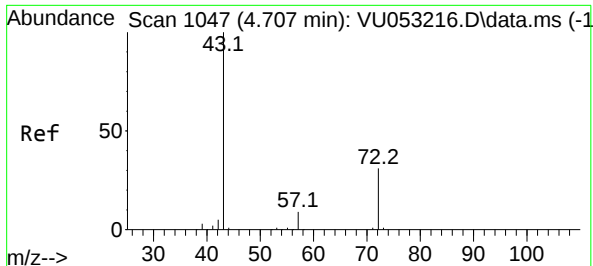
Ion Ratio Lower Upper

96 100

61 137.5 92.5 171.7

68 0.0 0.0 0.0

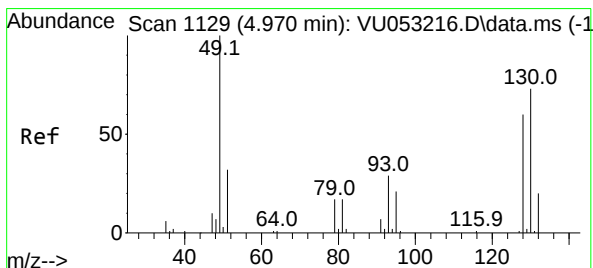
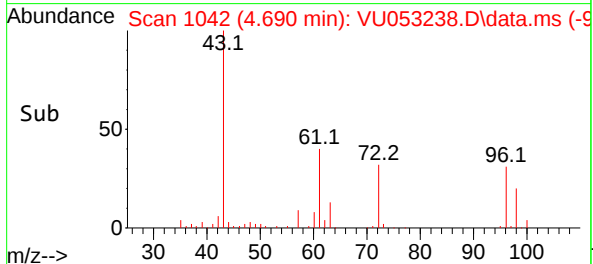
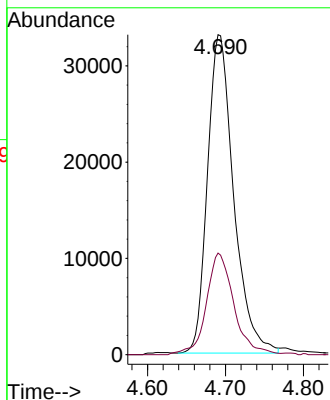
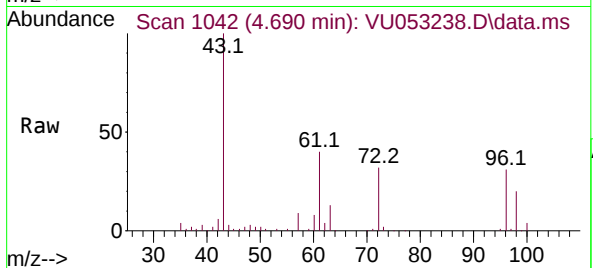




#22
2-Butanone
Concen: 94.587 ug/L
RT: 4.690 min Scan# 1042
Delta R.T. -0.016 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

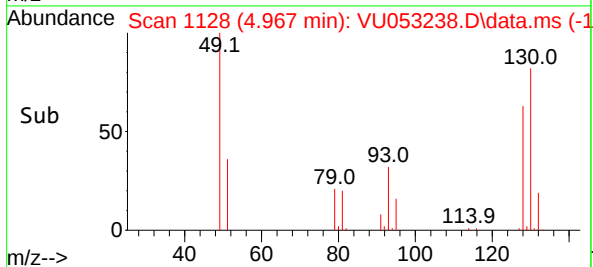
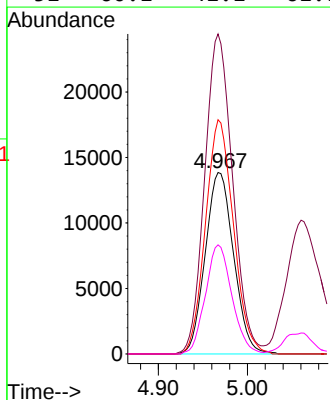
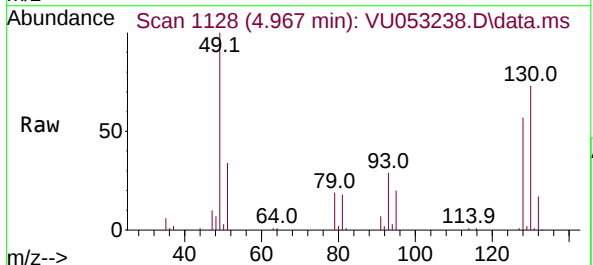
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

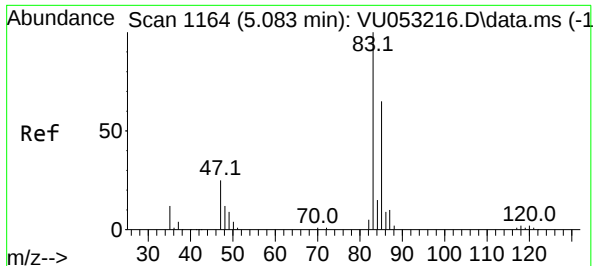
Tgt Ion: 43 Resp: 77429
Ion Ratio Lower Upper
43 100
72 33.4 16.0 47.9



#23
Bromochloromethane
Concen: 49.768 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:128 Resp: 30622
Ion Ratio Lower Upper
128 100
49 176.3 109.9 204.1
130 129.0 87.2 161.9
51 60.1 41.1 61.7





#25

Chloroform

Concen: 50.870 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

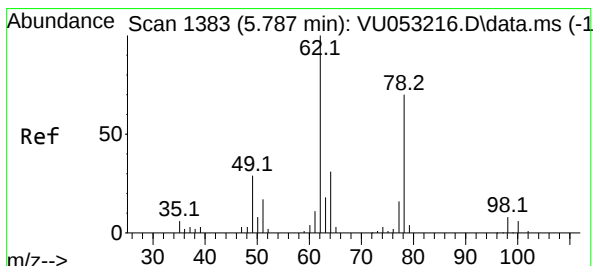
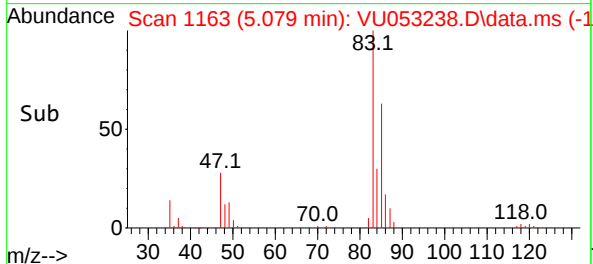
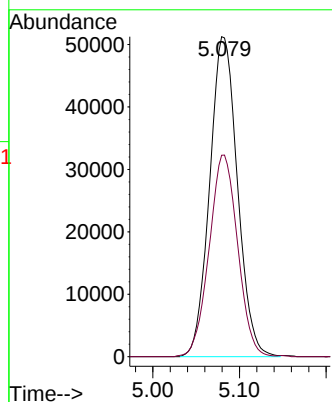
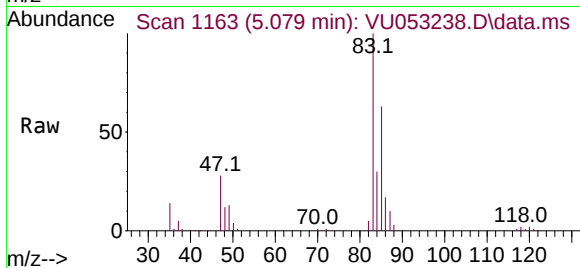
EYFG3MS

Tgt Ion: 83 Resp: 114162

Ion Ratio Lower Upper

83 100

85 63.0 44.9 83.3



#27

1,2-Dichloroethane

Concen: 50.386 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VU053238.D

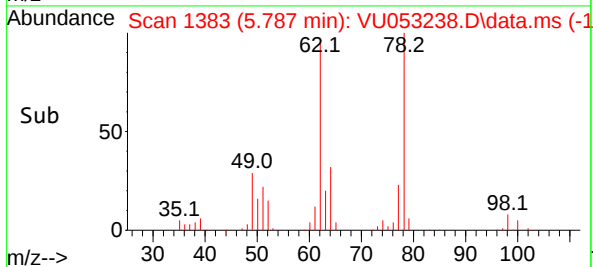
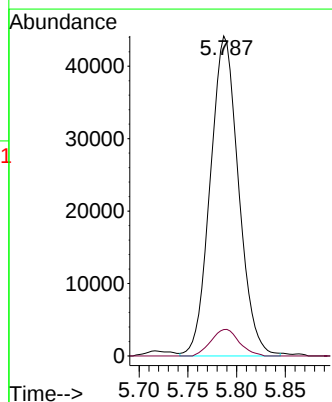
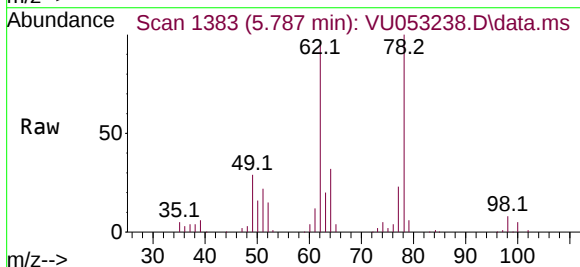
Acq: 16 Mar 2023 19:51

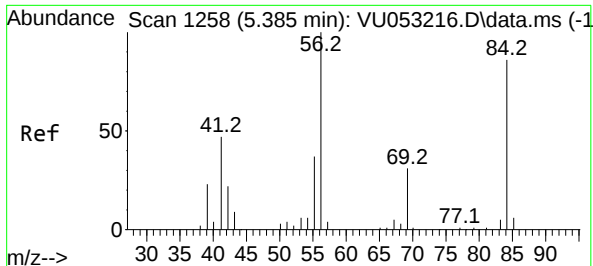
Tgt Ion: 62 Resp: 89262

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

Cyclohexane

Concen: 48.240 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MS

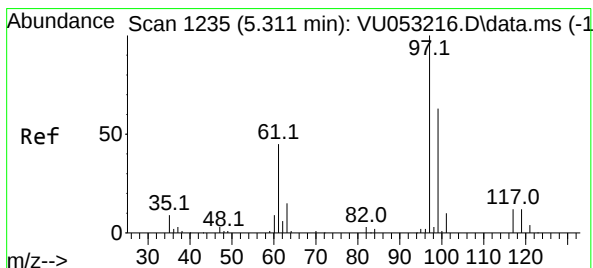
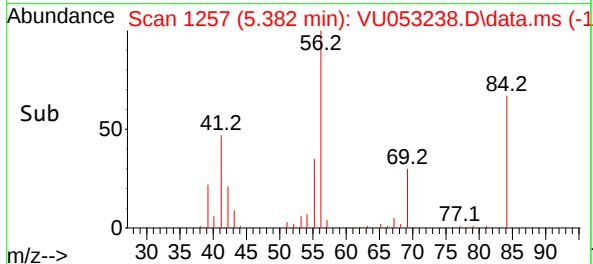
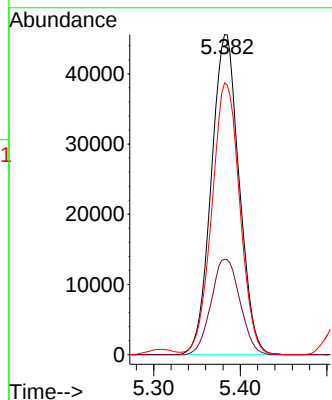
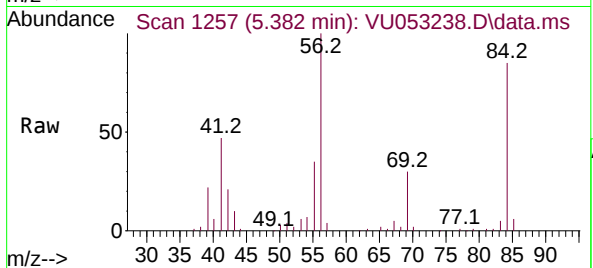
Tgt Ion: 56 Resp: 101593

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.0

84 85.5 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 47.944 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

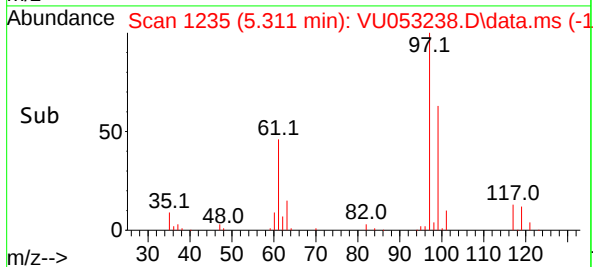
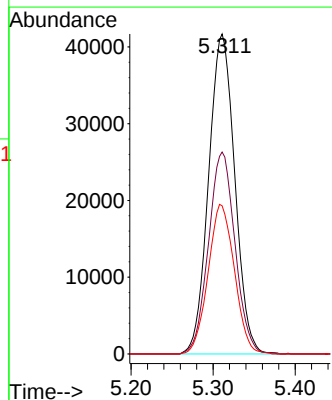
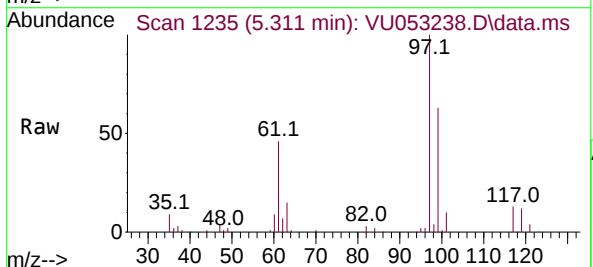
Tgt Ion: 97 Resp: 92364

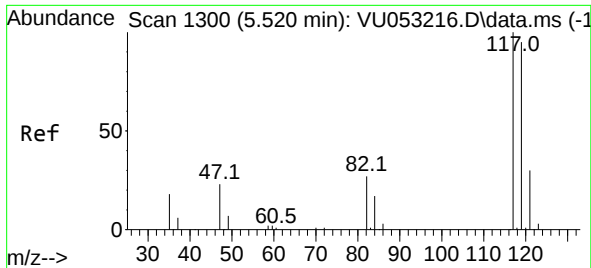
Ion Ratio Lower Upper

97 100

99 64.0 50.6 76.0

61 47.0 36.0 54.0

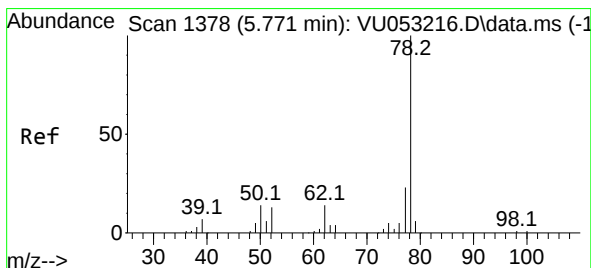
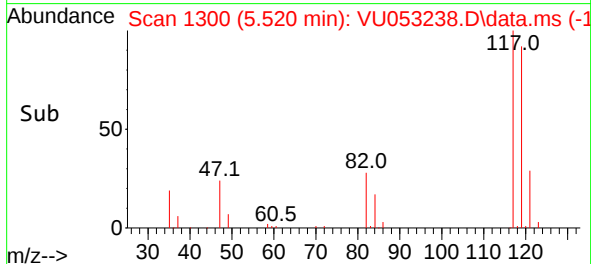
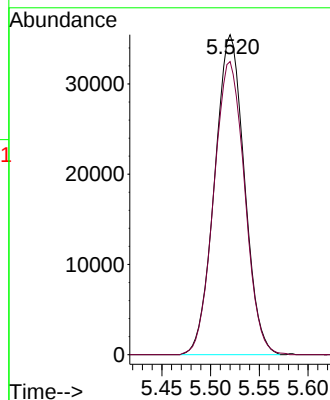
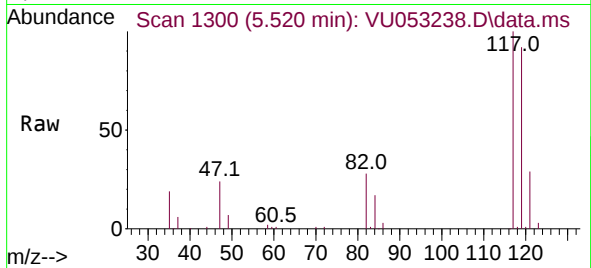




#31
Carbon tetrachloride
Concen: 47.827 ug/L
RT: 5.520 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

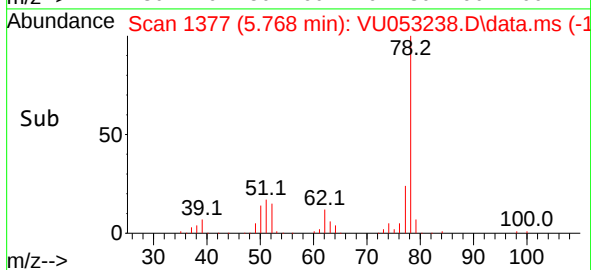
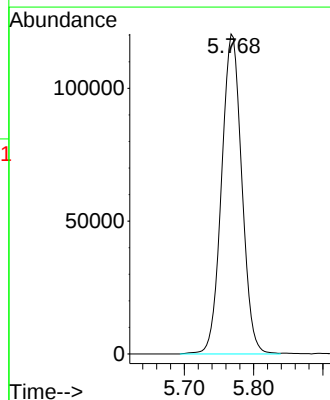
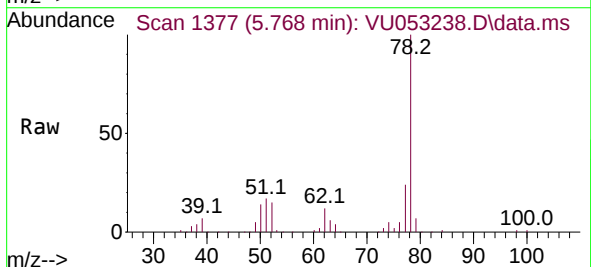
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

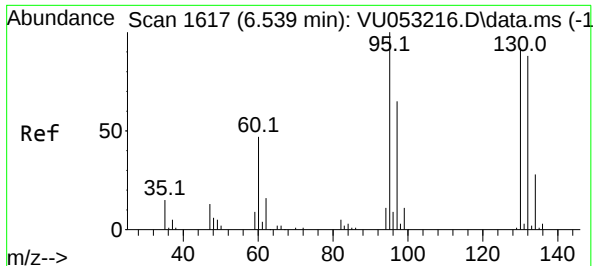
Tgt Ion:117 Resp: 75486
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2



#33
Benzene
Concen: 49.914 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 78 Resp: 244578





#34

Trichloroethene

Concen: 48.572 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MS

Tgt Ion: 95 Resp: 62058

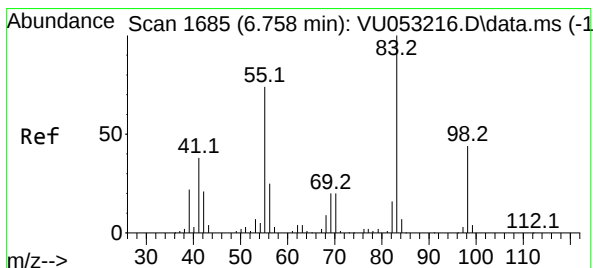
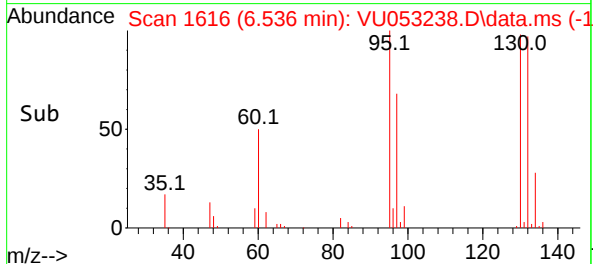
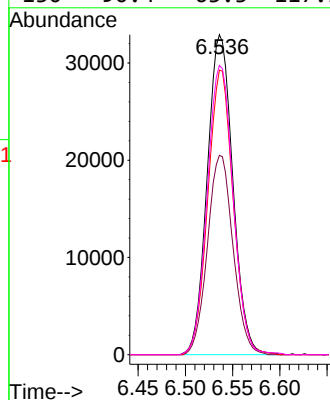
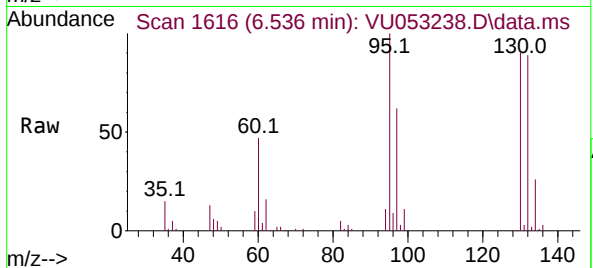
Ion Ratio Lower Upper

95 100

97 62.3 43.8 81.3

132 88.9 61.5 114.3

130 90.4 63.3 117.5



#35

Methylcyclohexane

Concen: 46.806 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

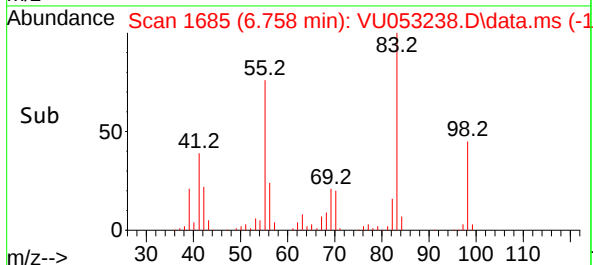
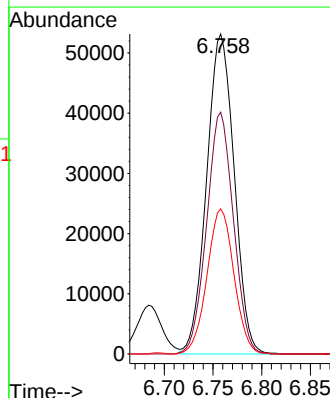
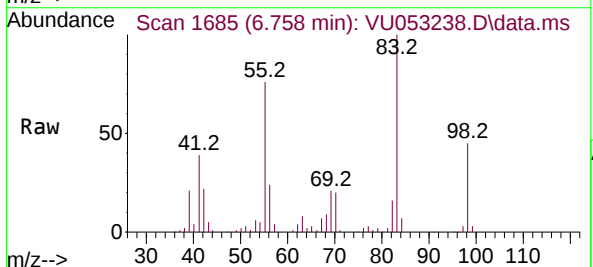
Tgt Ion: 83 Resp: 104824

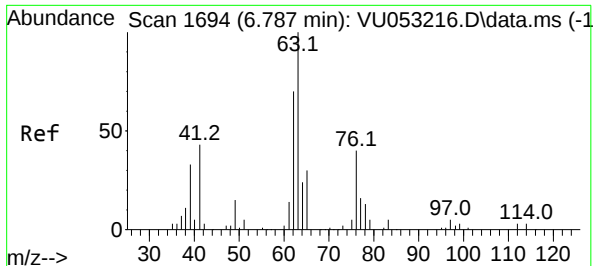
Ion Ratio Lower Upper

83 100

55 73.4 58.2 87.4

98 44.2 35.4 53.2





#37

1,2-Dichloropropane

Concen: 51.946 ug/L

RT: 6.784 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

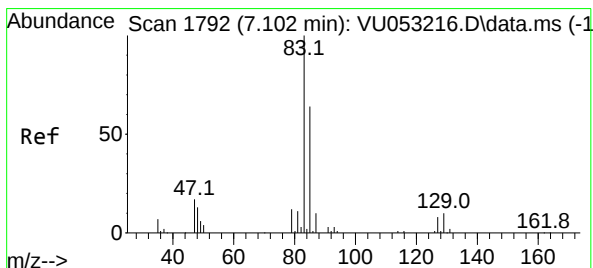
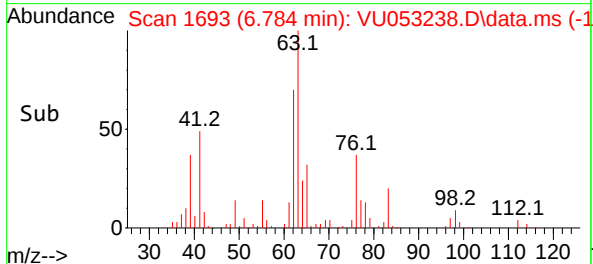
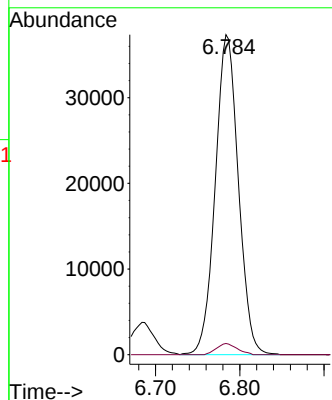
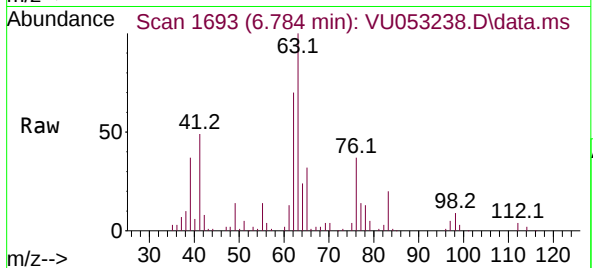
EYFG3MS

Tgt Ion: 63 Resp: 71015

Ion Ratio Lower Upper

63 100

112 3.1 2.6 3.8



#38

Bromodichloromethane

Concen: 49.488 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

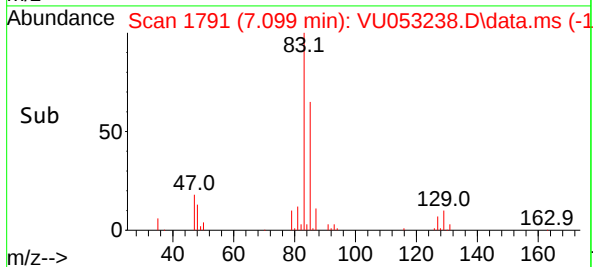
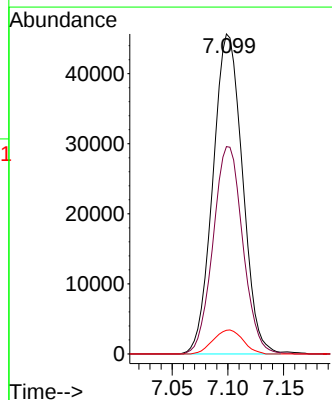
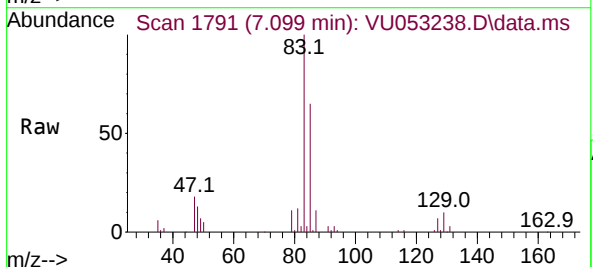
Tgt Ion: 83 Resp: 84195

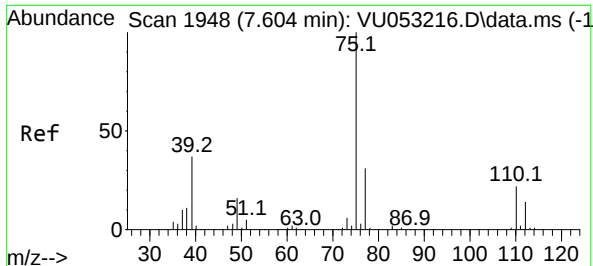
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 49.849 ug/L

RT: 7.600 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

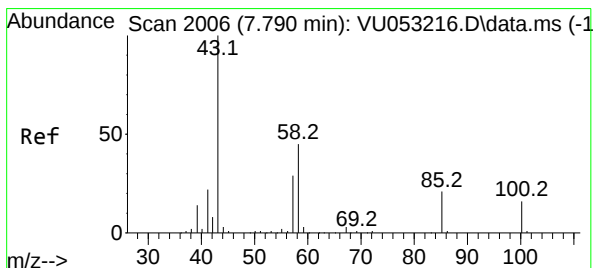
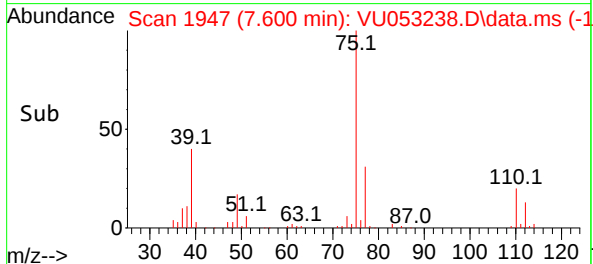
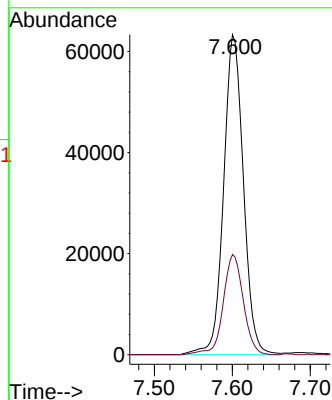
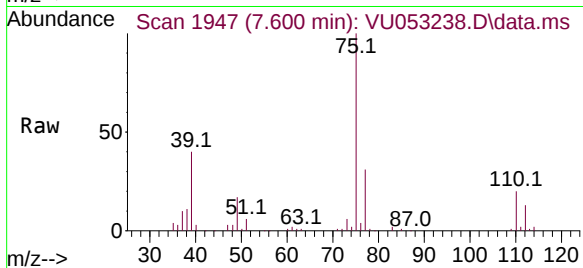
EYFG3MS

Tgt Ion: 75 Resp: 111964

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 111.429 ug/L

RT: 7.784 min Scan# 2004

Delta R.T. -0.007 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

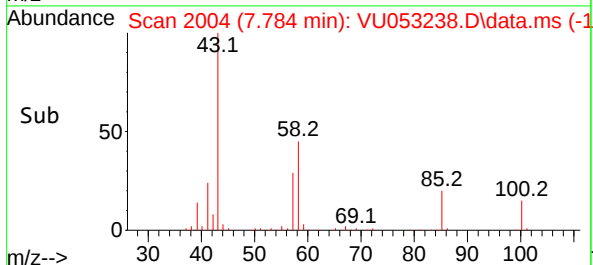
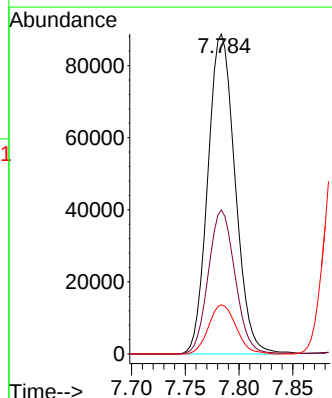
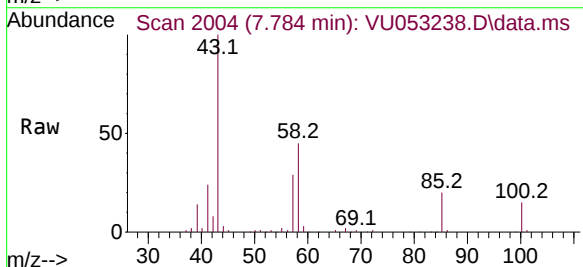
Tgt Ion: 43 Resp: 156575

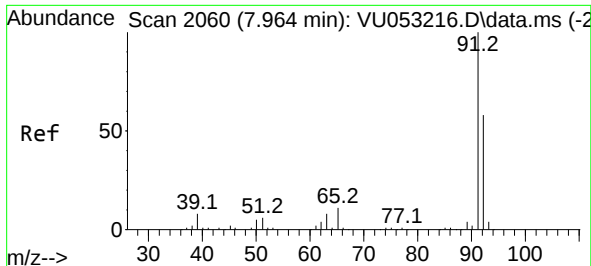
Ion Ratio Lower Upper

43 100

58 44.2 35.8 53.6

100 15.5 13.0 19.6





#42

Toluene

Concen: 49.017 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

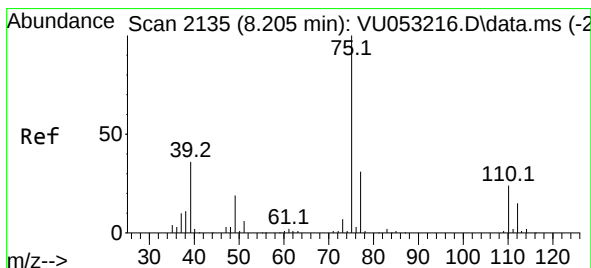
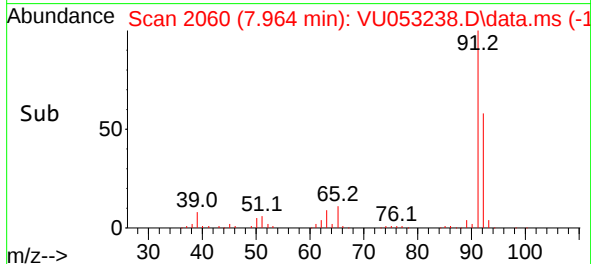
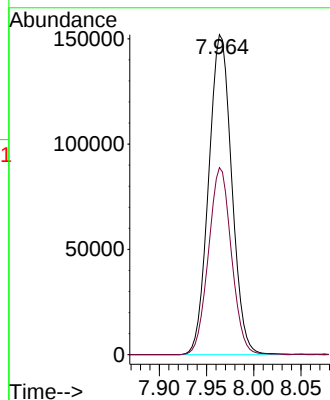
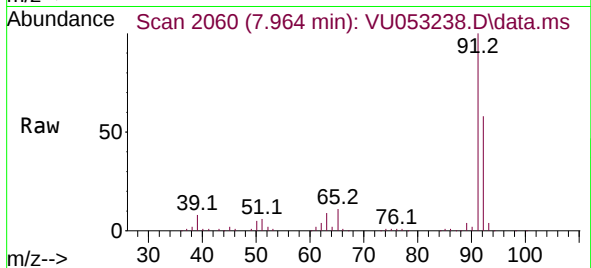
EYFG3MS

Tgt Ion: 91 Resp: 258218

Ion Ratio Lower Upper

91 100

92 58.5 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 49.952 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053238.D

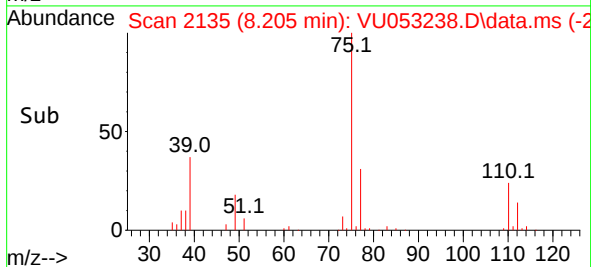
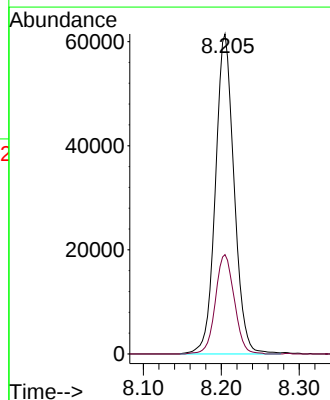
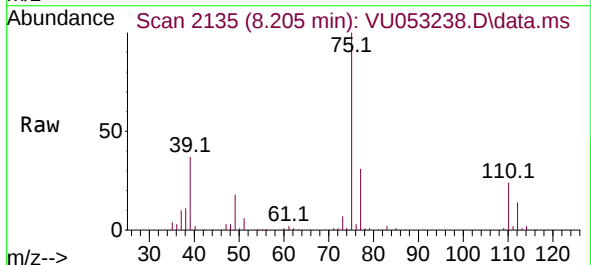
Acq: 16 Mar 2023 19:51

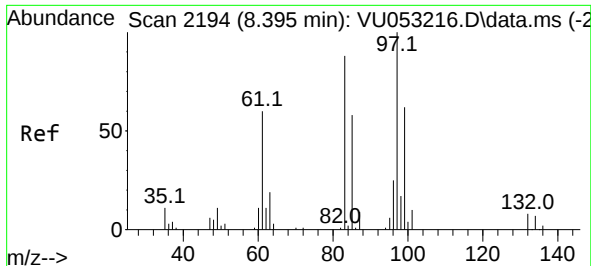
Tgt Ion: 75 Resp: 102558

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8



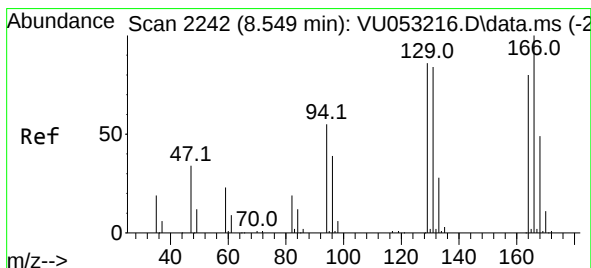
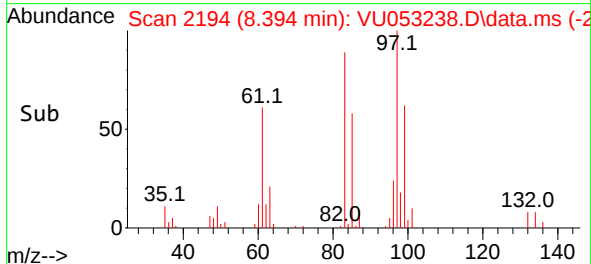
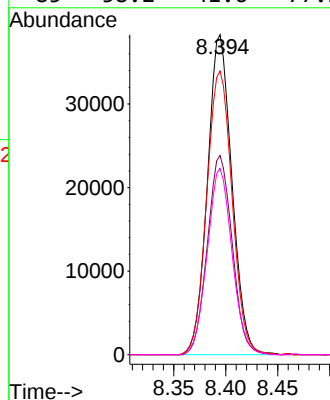
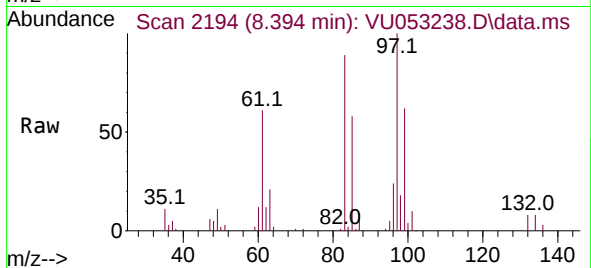


#45
1,1,2-Trichloroethane
Concen: 50.337 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

Tgt Ion: 97 Resp: 62660

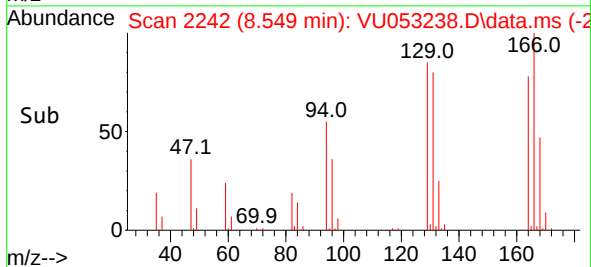
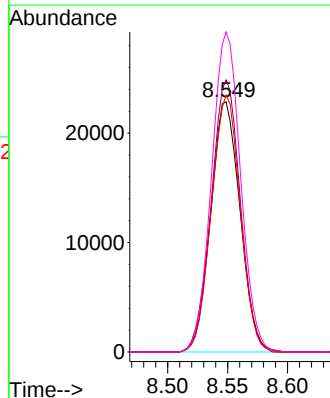
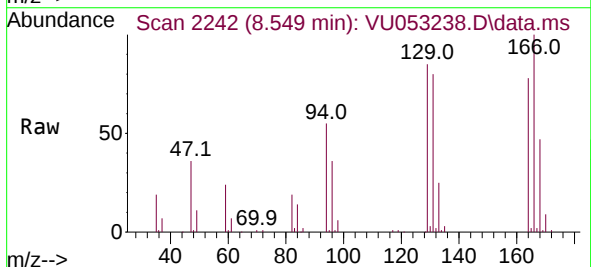
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.4	82.4
83	88.6	63.8	118.6
85	58.2	41.6	77.2

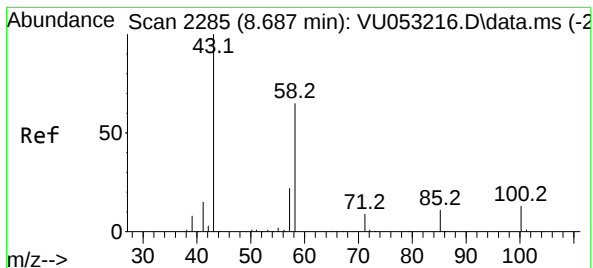


#46
Tetrachloroethene
Concen: 46.773 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 164 Resp: 38879

Ion	Ratio	Lower	Upper
164	100		
129	108.8	73.6	136.8
131	102.8	70.3	130.7
166	128.0	88.9	165.1





#48

2-Hexanone

Concen: 100.263 ug/L

RT: 8.677 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MS

Tgt Ion: 43 Resp: 117976

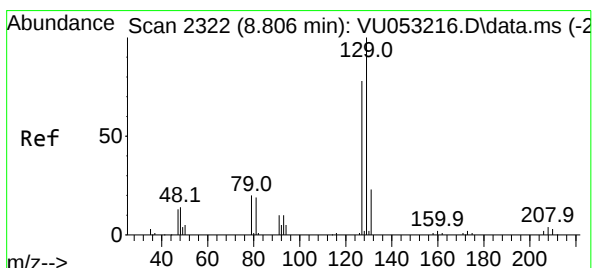
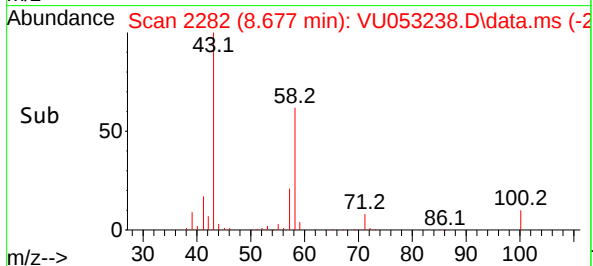
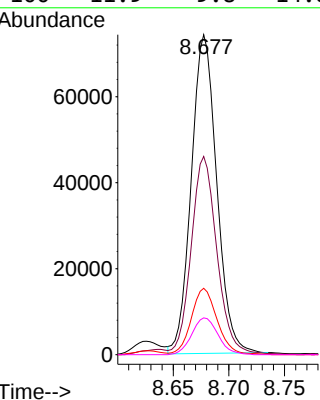
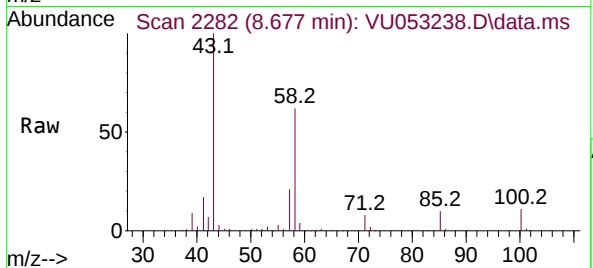
Ion Ratio Lower Upper

43 100

58 63.0 49.4 74.0

57 21.2 16.9 25.3

100 11.9 9.8 14.8



#49

Dibromochloromethane

Concen: 48.019 ug/L

RT: 8.806 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VU053238.D

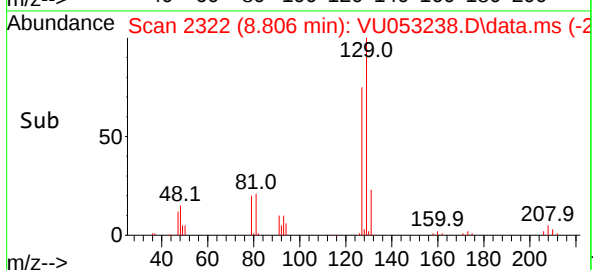
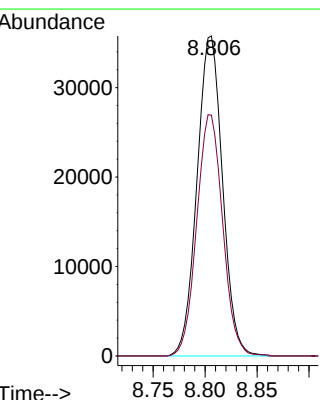
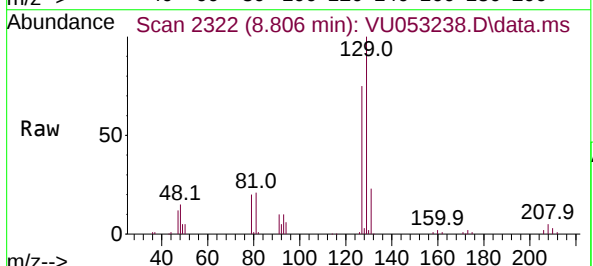
Acq: 16 Mar 2023 19:51

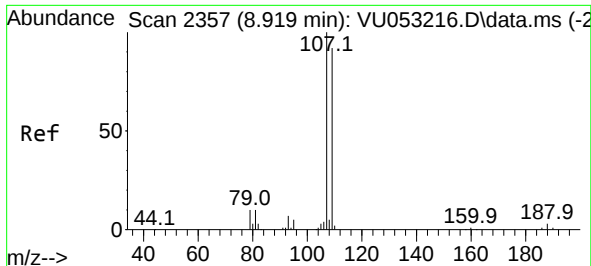
Tgt Ion:129 Resp: 61147

Ion Ratio Lower Upper

129 100

127 75.3 53.1 98.5

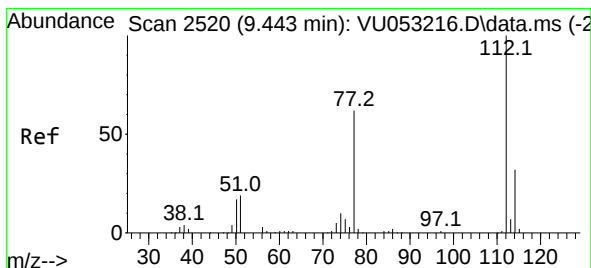
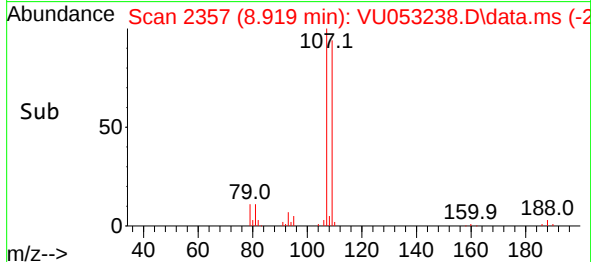
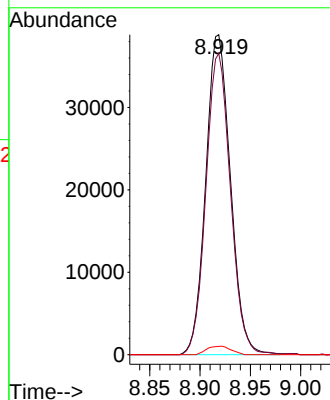
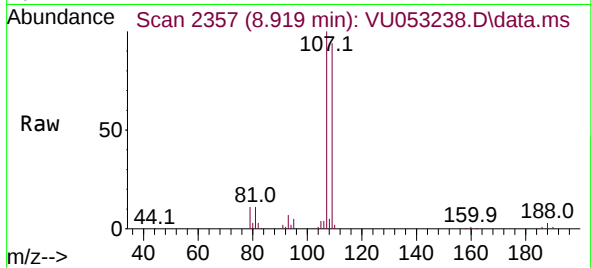




#50
1,2-Dibromoethane
Concen: 50.031 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

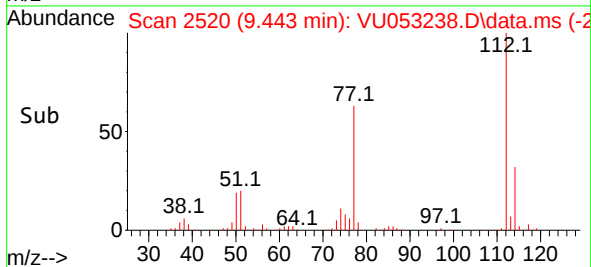
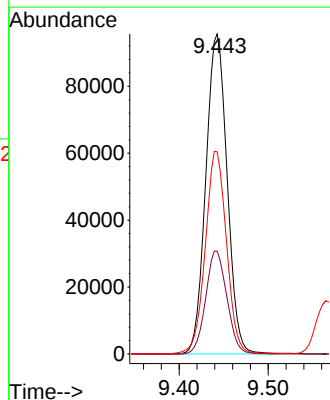
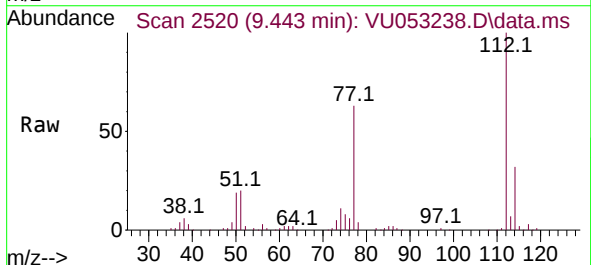
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

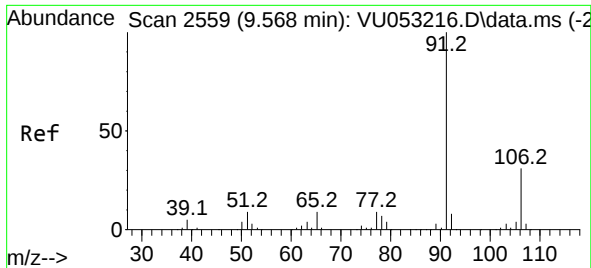
Tgt Ion:107 Resp: 66362
Ion Ratio Lower Upper
107 100
109 94.2 64.6 120.0
188 2.6 2.2 3.4



#51
Chlorobenzene
Concen: 48.348 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:112 Resp: 158739
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.6
77 63.2 48.8 73.2

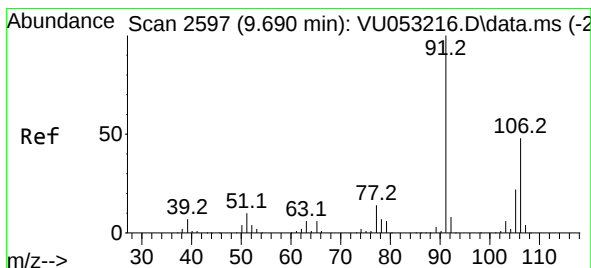
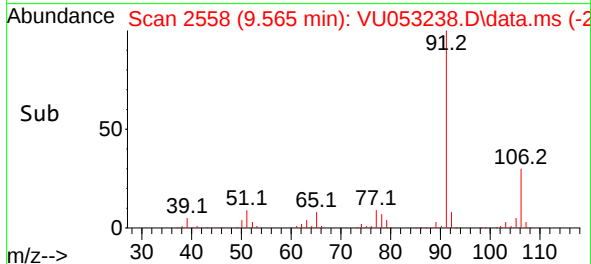
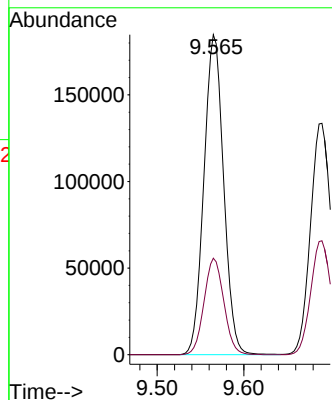
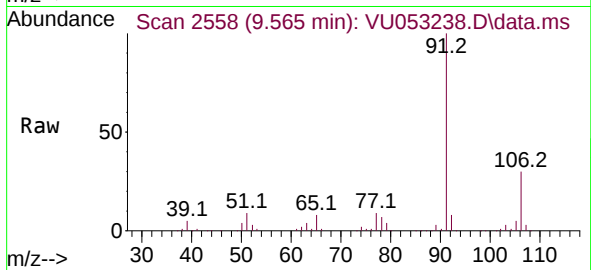




#52
Ethylbenzene
Concen: 48.860 ug/L
RT: 9.565 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

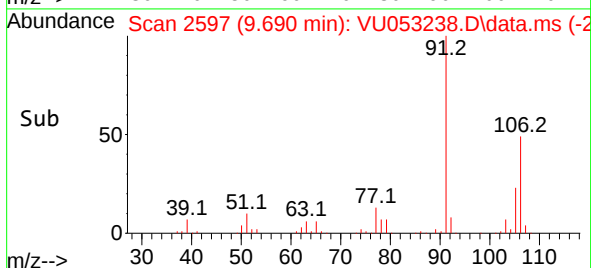
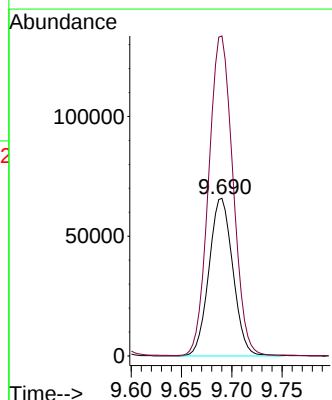
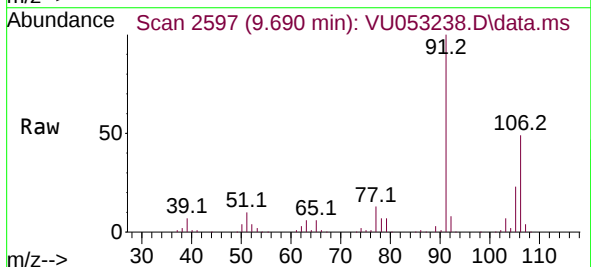
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

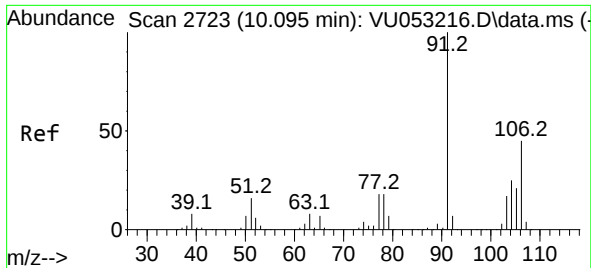
Tgt Ion: 91 Resp: 291886
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 48.845 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 106 Resp: 108910
Ion Ratio Lower Upper
106 100
91 203.1 145.3 269.8

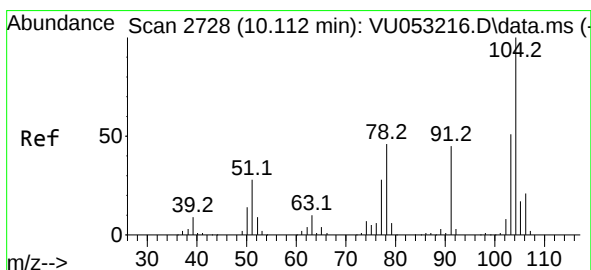
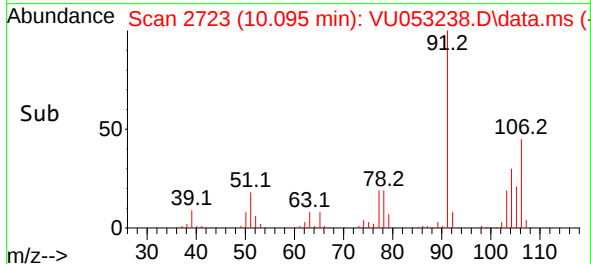
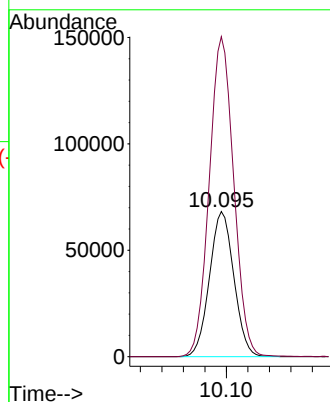
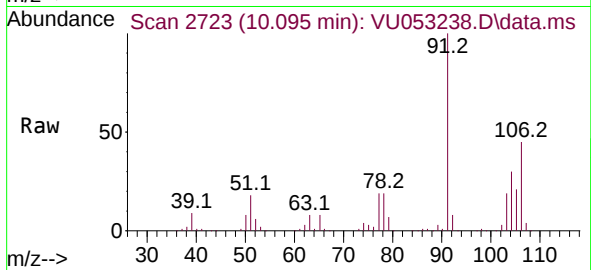




#54
o-Xylene
Concen: 48.696 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

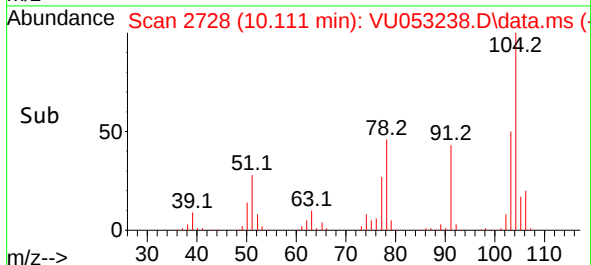
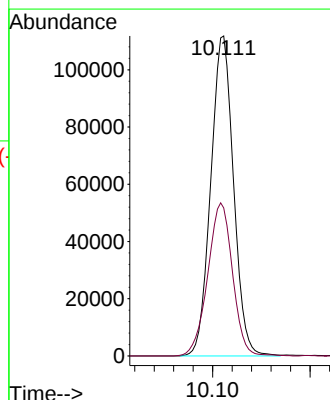
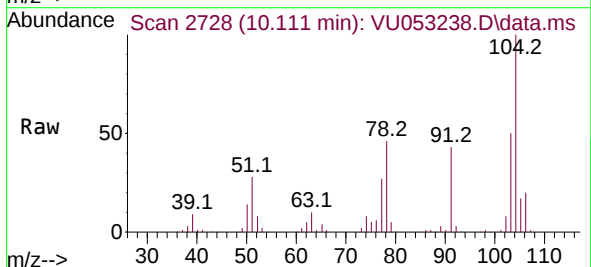
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

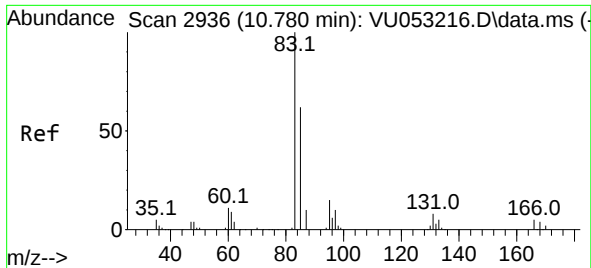
Tgt Ion:106 Resp: 107388
Ion Ratio Lower Upper
106 100
91 220.4 154.9 287.7



#55
Styrene
Concen: 49.324 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:104 Resp: 181284
Ion Ratio Lower Upper
104 100
78 46.3 32.9 61.1

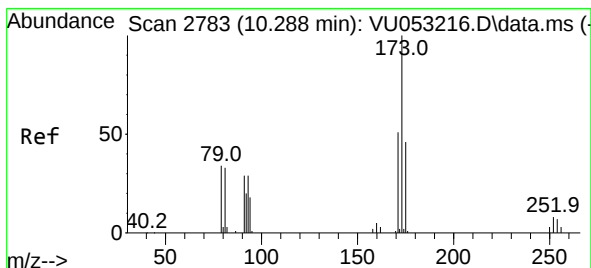
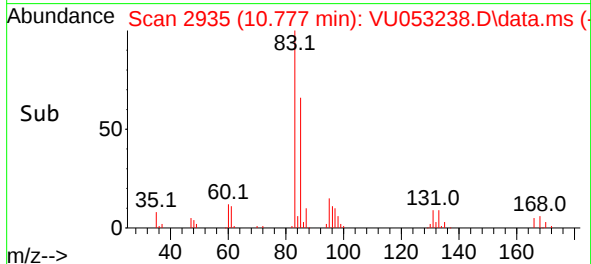
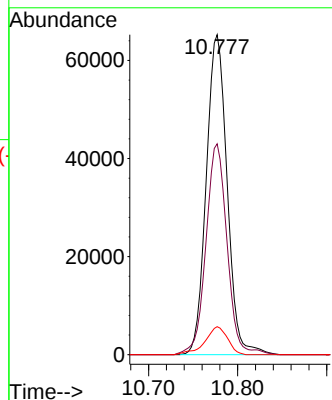
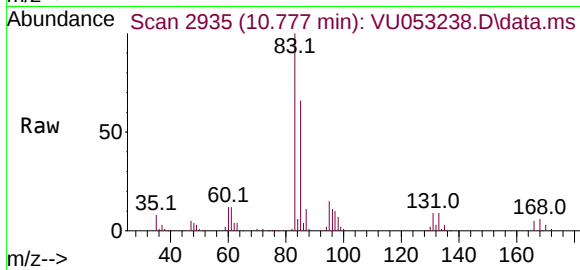




#57
1,1,2,2-Tetrachloroethane
Concen: 51.937 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

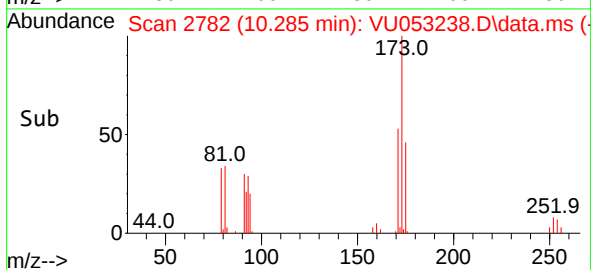
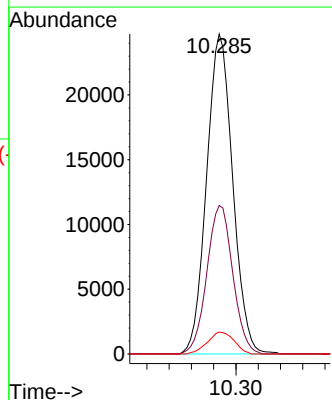
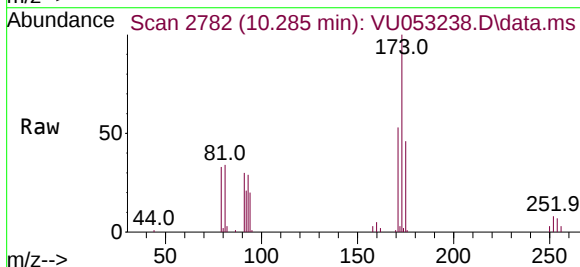
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

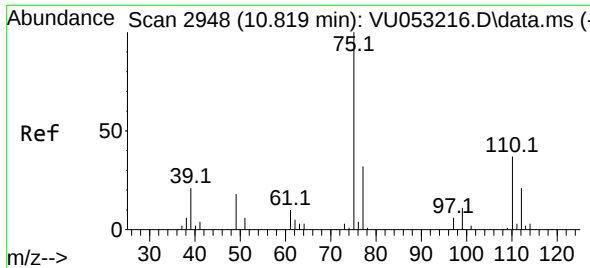
Tgt Ion: 83 Resp: 105999
Ion Ratio Lower Upper
83 100
85 65.9 46.0 85.4
131 8.7 6.6 10.0



#59
Bromoform
Concen: 47.445 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:173 Resp: 40216
Ion Ratio Lower Upper
173 100
175 46.0 38.5 57.7
254 7.0 6.5 9.7

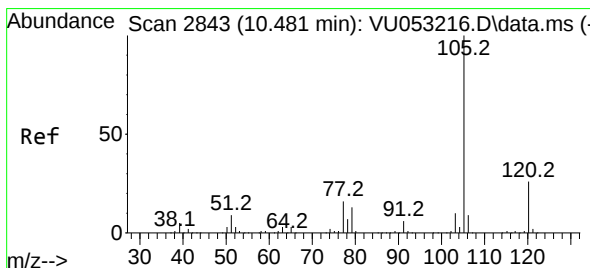
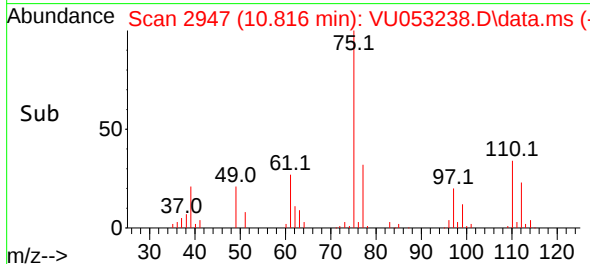
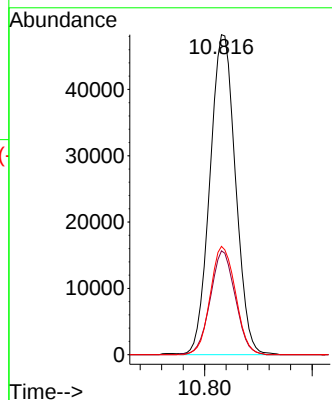
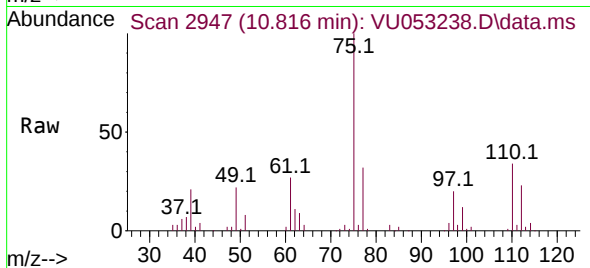




#60
1,2,3-Trichloropropane
Concen: 53.832 ug/L
RT: 10.816 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

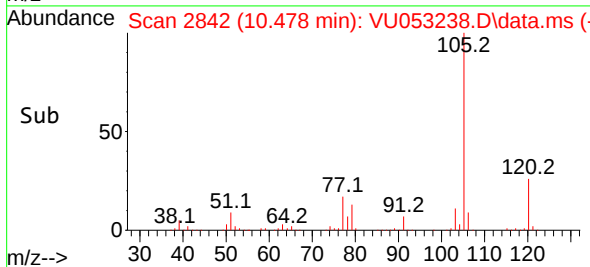
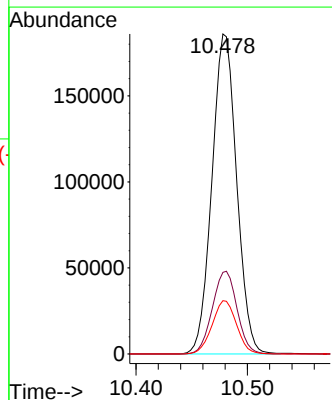
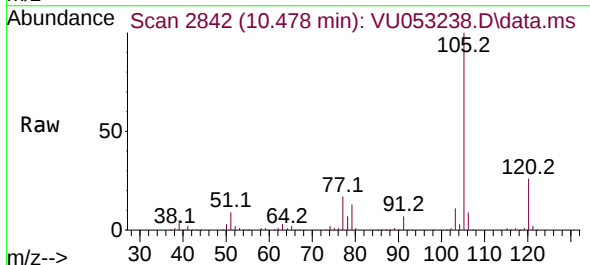
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

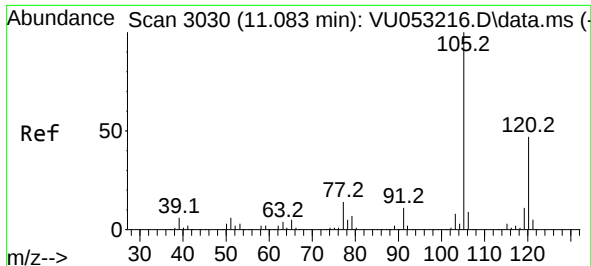
Tgt Ion: 75	Resp: 79676
Ion Ratio	Lower Upper
75 100	
77 31.6	26.6 40.0
110 33.4	28.6 42.8



#61
Isopropylbenzene
Concen: 48.693 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion: 105	Resp: 286566
Ion Ratio	Lower Upper
105 100	
120 25.8	20.4 30.6
77 16.4	13.0 19.4





#62

1,3,5-Trimethylbenzene

Concen: 48.086 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

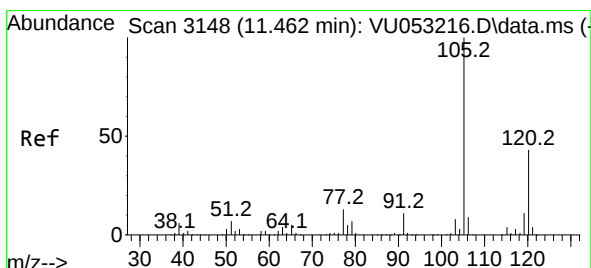
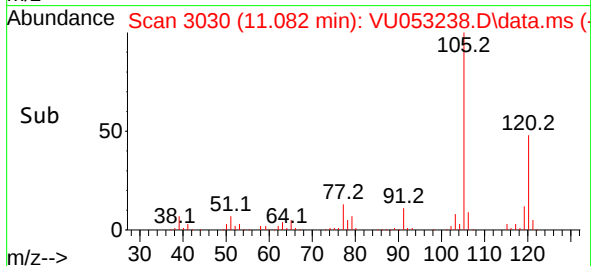
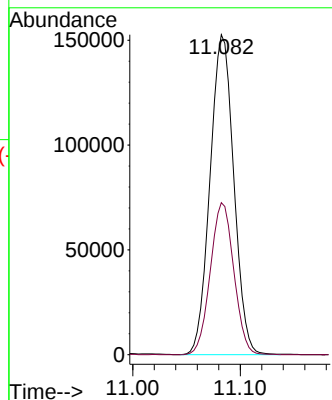
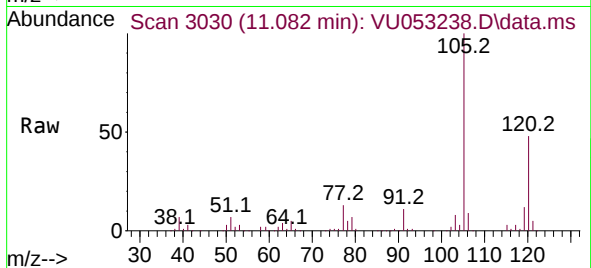
EYFG3MS

Tgt Ion:105 Resp: 234248

Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 47.621 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU053238.D

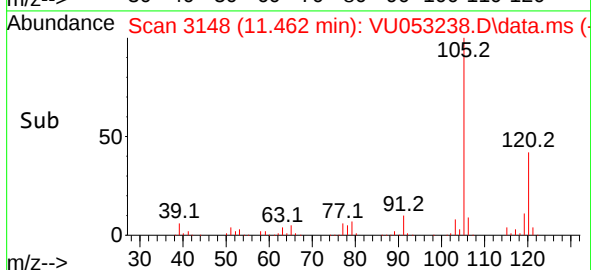
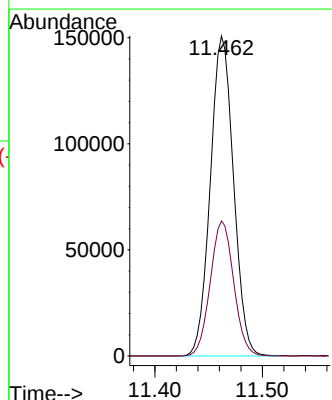
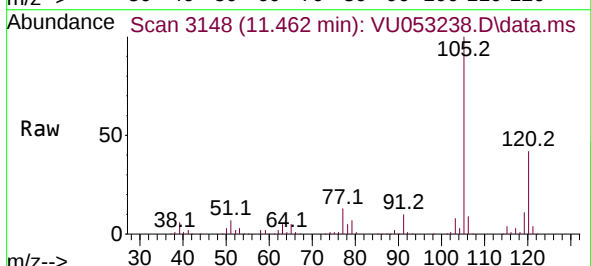
Acq: 16 Mar 2023 19:51

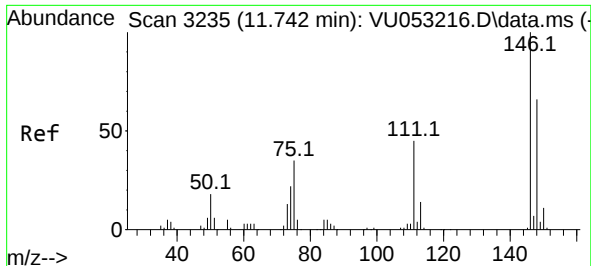
Tgt Ion:105 Resp: 226121

Ion Ratio Lower Upper

105 100

120 42.5 34.6 52.0

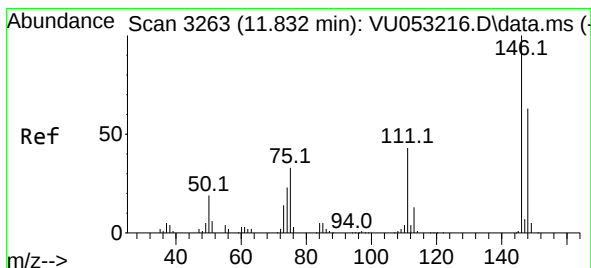
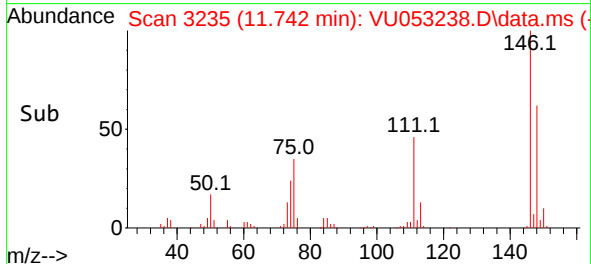
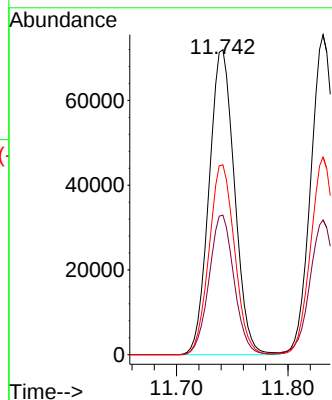
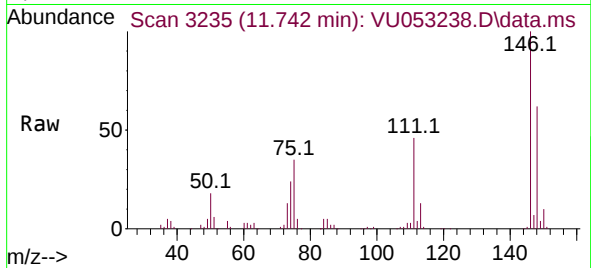




#64
1,3-Dichlorobenzene
Concen: 46.435 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

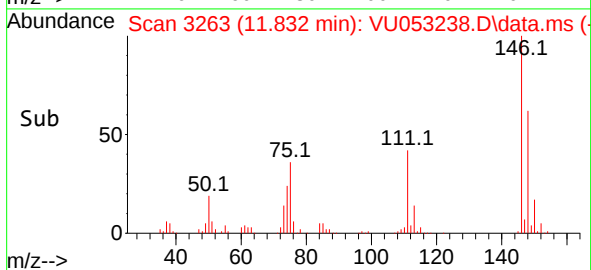
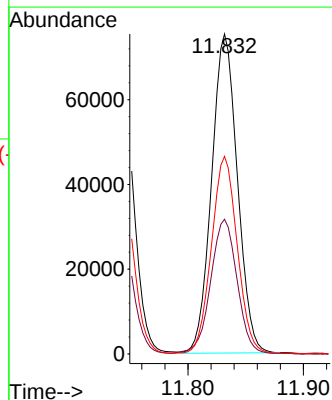
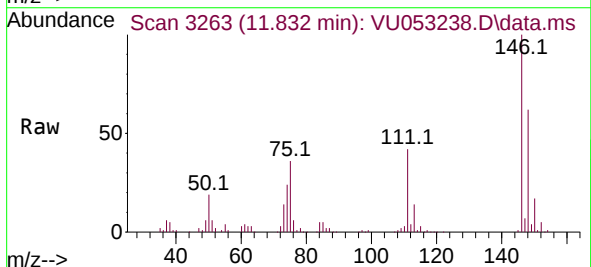
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

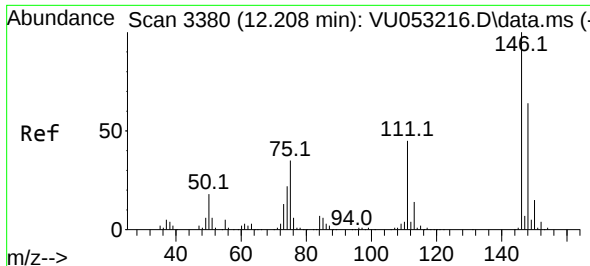
Tgt Ion:146 Resp: 114611
Ion Ratio Lower Upper
146 100
111 45.7 30.2 56.0
148 62.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 47.197 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:146 Resp: 116944
Ion Ratio Lower Upper
146 100
111 42.1 30.7 57.1
148 61.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 47.187 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MS

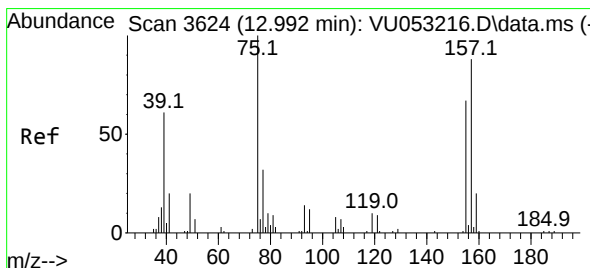
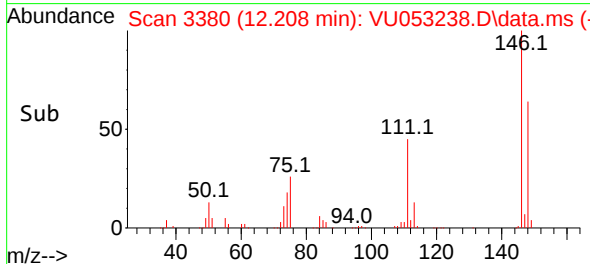
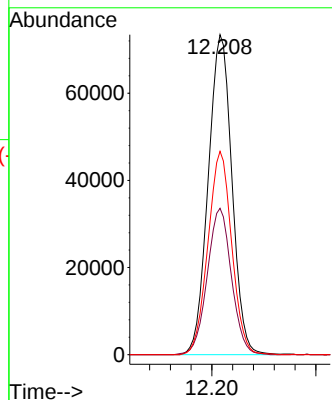
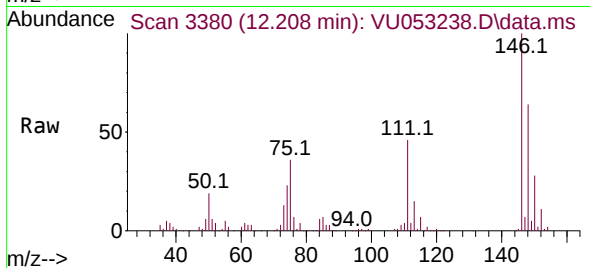
Tgt Ion:146 Resp: 116407

Ion Ratio Lower Upper

146 100

111 45.8 37.0 55.4

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 51.881 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

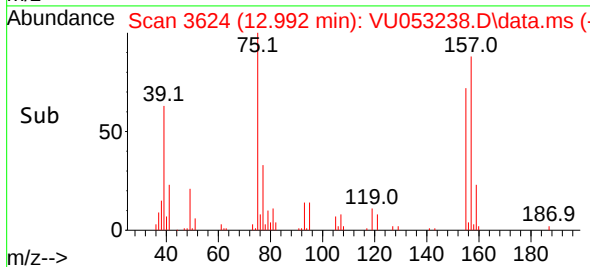
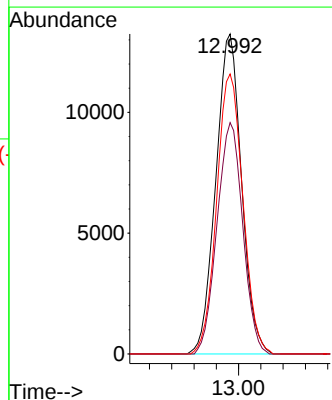
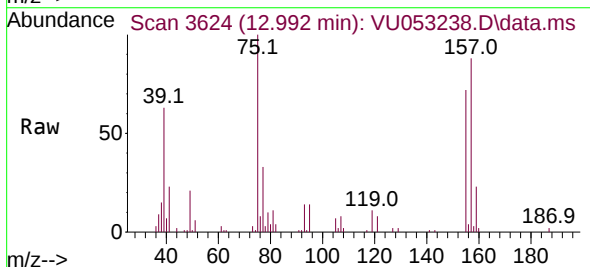
Tgt Ion: 75 Resp: 21234

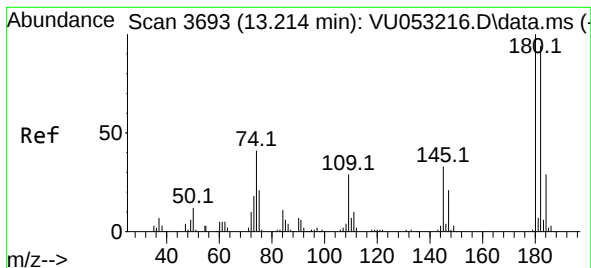
Ion Ratio Lower Upper

75 100

155 72.3 60.2 90.4

157 87.5 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 44.706 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MS

Tgt Ion:180 Resp: 69958

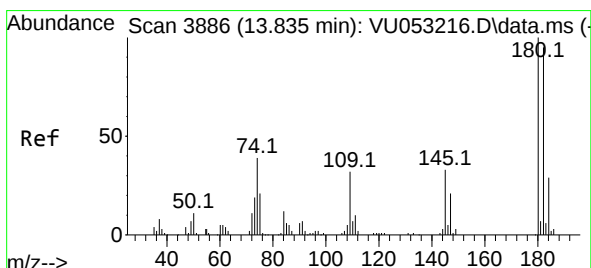
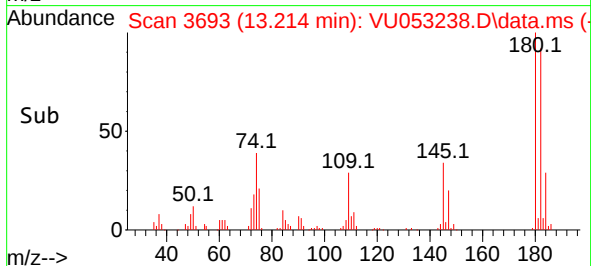
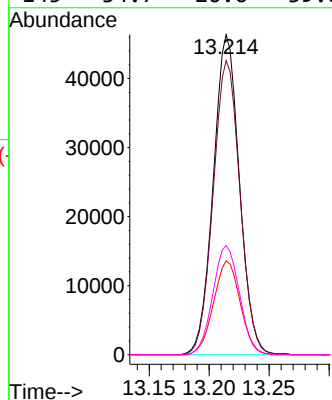
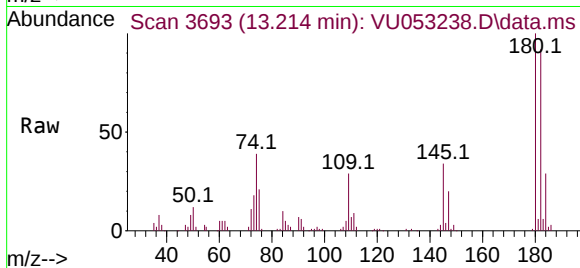
Ion Ratio Lower Upper

180 100

182 94.3 74.5 111.7

184 30.1 23.2 34.8

145 34.7 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 45.367 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU053238.D

Acq: 16 Mar 2023 19:51

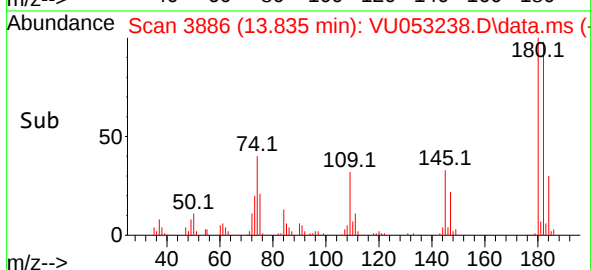
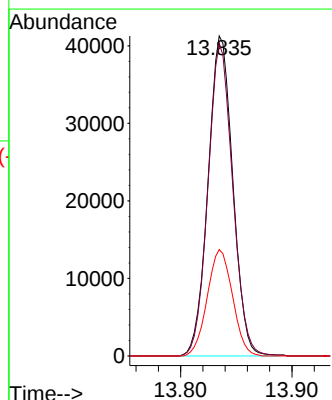
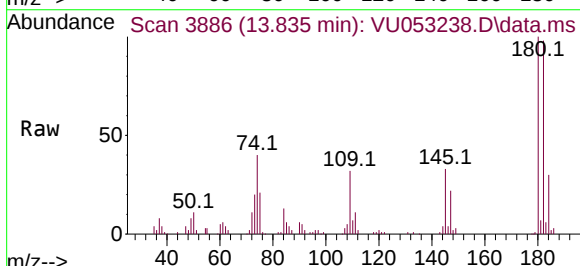
Tgt Ion:180 Resp: 63788

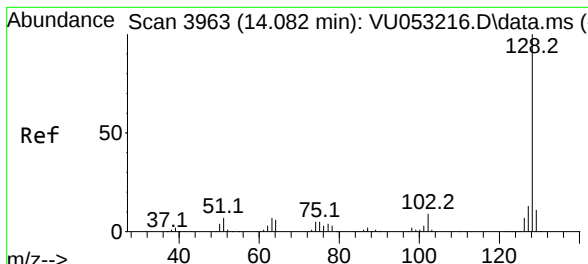
Ion Ratio Lower Upper

180 100

182 97.2 75.8 113.8

145 33.8 27.2 40.8

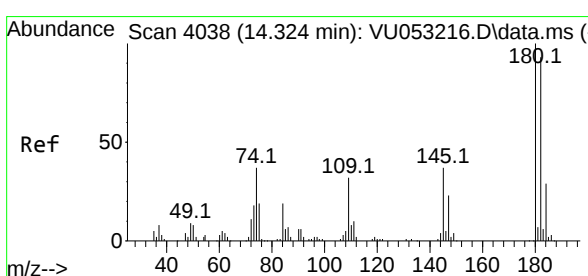
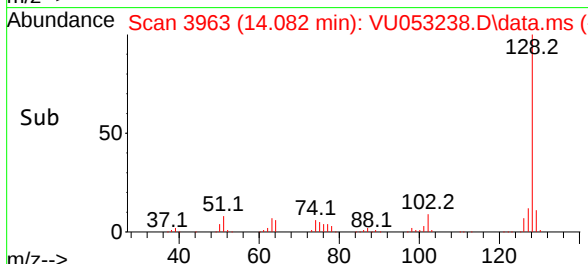
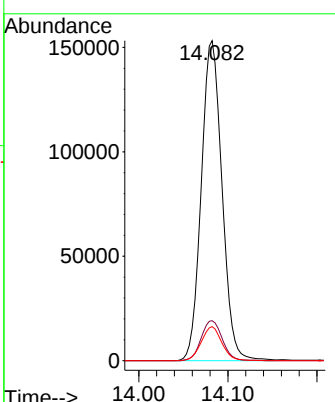
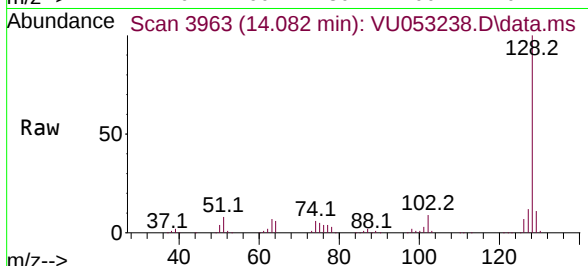




#71
Naphthalene
Concen: 52.171 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :
EYFG3MS

Tgt Ion:128	Resp: 247246
Ion Ratio	Lower Upper
128	100
127	12.7 10.0 15.0
129	10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.928 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053238.D
Acq: 16 Mar 2023 19:51

Tgt Ion:180	Resp: 65241
Ion Ratio	Lower Upper
180	100
182	93.7 76.7 115.1
145	35.9 28.6 42.8

