

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053239.D
 Acq On : 16 Mar 2023 20:14
 Operator : JC/MD
 Sample : 01929-22MSD 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3MSD

Quant Time: Mar 17 02:45:09 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	6.244	114	148586	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	140382	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	73943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56578	41.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.540%
7) Chloroethane-d5	1.909	69	46858	42.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.565	63	104164	43.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.740%
21) 2-Butanone-d5	4.610	46	70278	110.539	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.540%
24) Chloroform-d	5.057	84	102732	45.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.694	65	64919	46.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
32) Benzene-d6	5.723	84	209007	45.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.684	67	70005	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	7.893	98	187984	44.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	8.173	79	32880	45.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.700%
47) 2-Hexanone-d5	8.626	63	52574	114.430	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.430%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	95516	50.173	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.340%
66) 1,2-Dichlorobenzene-d4	12.189	152	64271	44.890	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	75762	48.849	ug/L	99
3) Chloromethane	1.520	50	70697	49.469	ug/L	99
5) Vinyl chloride	1.604	62	247914	158.581	ug/L	99
6) Bromomethane	1.851	94	45107	48.000	ug/L	99
8) Chloroethane	1.932	64	46615	50.480	ug/L	98
9) Trichlorofluoromethane	2.138	101	99166	50.840	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	55139	46.731	ug/L	97
12) 1,1-Dichloroethene	2.578	96	51785	47.457	ug/L	94
13) Acetone	2.617	43	45296	62.555	ug/L	98
14) Carbon disulfide	2.790	76	156840	47.454	ug/L	100
15) Methyl Acetate	2.938	43	55860	56.282	ug/L	98
16) Methylene chloride	3.041	84	64548	48.760	ug/L	98
17) trans-1,2-Dichloroethene	3.347	96	53479	48.302	ug/L	96
18) Methyl tert-butyl Ether	3.356	73	195549	52.525	ug/L	99
19) 1,1-Dichloroethane	3.861	63	116260	51.441	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	175748	135.146	ug/L	100
22) 2-Butanone	4.691	43	78052	94.615	ug/L	100
23) Bromochloromethane	4.967	128	29533	47.629	ug/L	88
25) Chloroform	5.083	83	112252	49.634	ug/L	100

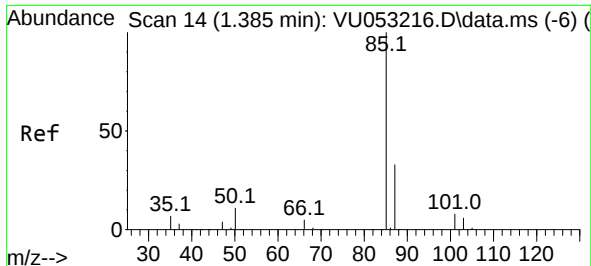
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	88820	49.751	ug/L	100
29) Cyclohexane	5.385	56	100562	48.075	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	93392	48.807	ug/L	98
31) Carbon tetrachloride	5.520	117	76258	48.645	ug/L	99
33) Benzene	5.768	78	245861	50.517	ug/L	100
34) Trichloroethene	6.536	95	61969	48.832	ug/L	98
35) Methylcyclohexane	6.758	83	104751	47.091	ug/L	99
37) 1,2-Dichloropropane	6.784	63	71424	52.601	ug/L	100
38) Bromodichloromethane	7.099	83	84127	49.785	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	113527	50.889	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	156500	112.133	ug/L	99
42) Toluene	7.964	91	261691	50.014	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	102018	50.027	ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	62913	50.884	ug/L	99
46) Tetrachloroethene	8.549	164	38297	46.386	ug/L	96
48) 2-Hexanone	8.677	43	119149	101.949	ug/L	99
49) Dibromochloromethane	8.803	129	60809	48.079	ug/L	98
50) 1,2-Dibromoethane	8.919	107	65443	49.674	ug/L	99
51) Chlorobenzene	9.443	112	160093	49.092	ug/L	99
52) Ethylbenzene	9.565	91	292205	49.246	ug/L	100
53) m,p-Xylene	9.690	106	111020	50.130	ug/L	98
54) o-Xylene	10.095	106	108290	49.439	ug/L	98
55) Styrene	10.108	104	181424	49.698	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	106316	52.447	ug/L	98
59) Bromoform	10.285	173	40675	48.338	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	79274	53.953	ug/L	98
61) Isopropylbenzene	10.478	105	290422	49.710	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	236731	48.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	229710	48.731	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	115530	47.151	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	118244	48.071	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	117958	48.166	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	22247	54.754	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	71809	46.225	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	66117	47.368	ug/L	99
71) Naphthalene	14.082	128	265458	56.424	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	67985	51.360	ug/L	99

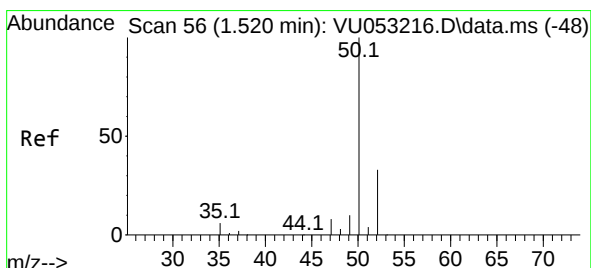
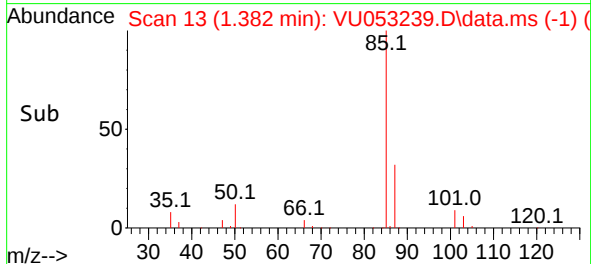
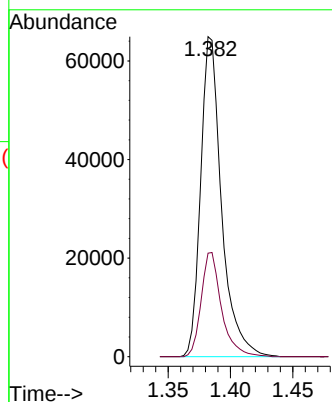
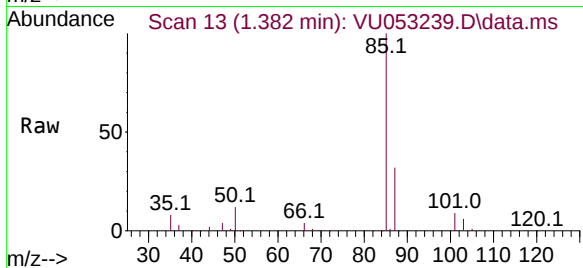
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#2
Dichlorodifluoromethane
Concen: 48.849 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

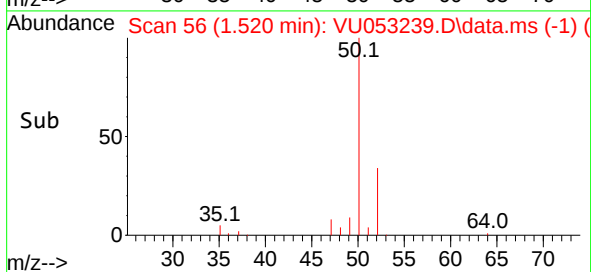
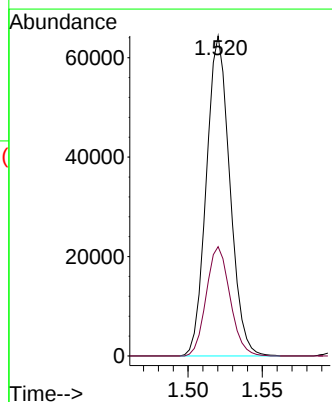
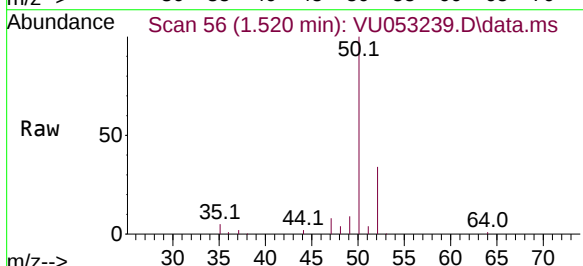
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MSVOA_U
ClientSampleId :
EYFG3MSD

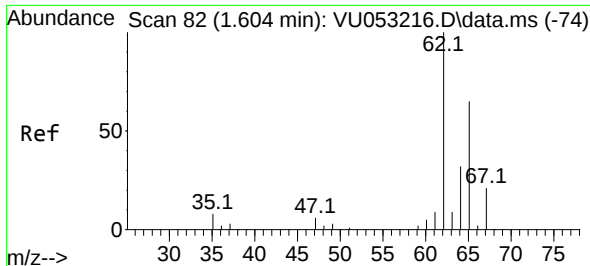
Tgt Ion: 85 Resp: 75762
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.8



#3
Chloromethane
Concen: 49.469 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 50 Resp: 70697
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.4

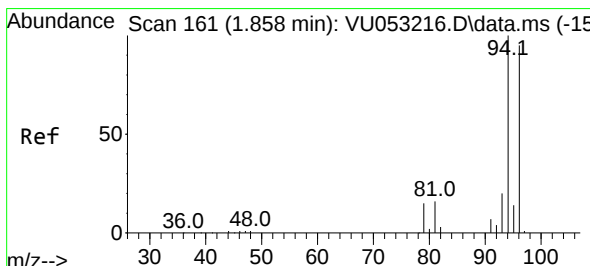
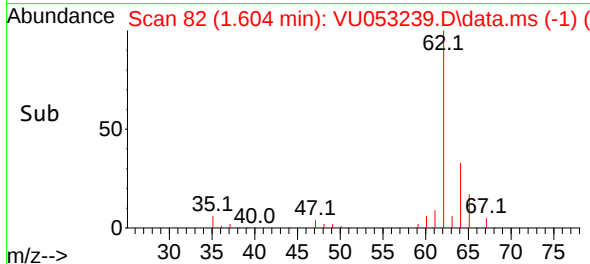
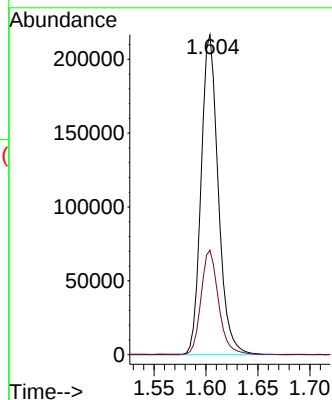
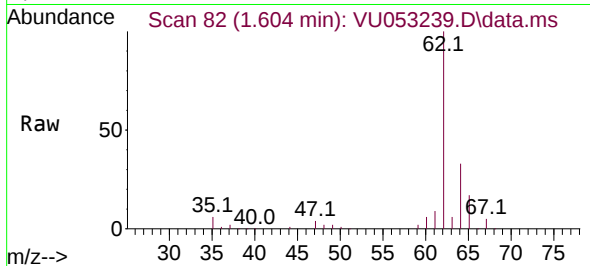




#5
 Vinyl chloride
 Concen: 158.581 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053239.D
 Acq: 16 Mar 2023 20:14

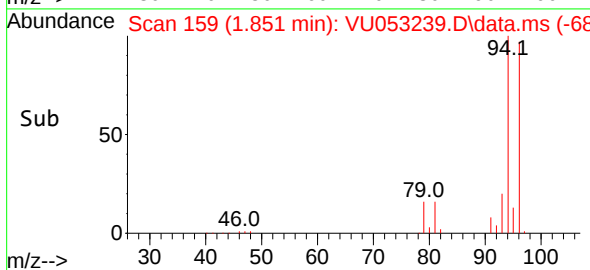
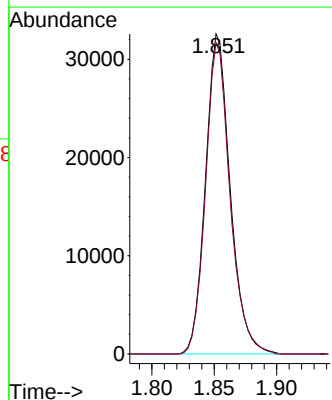
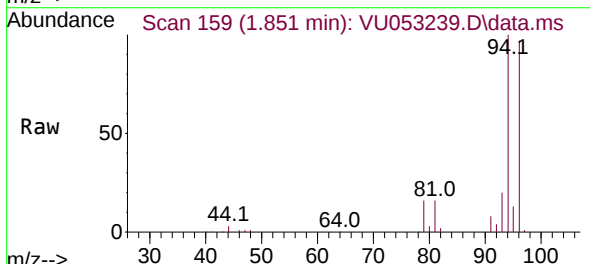
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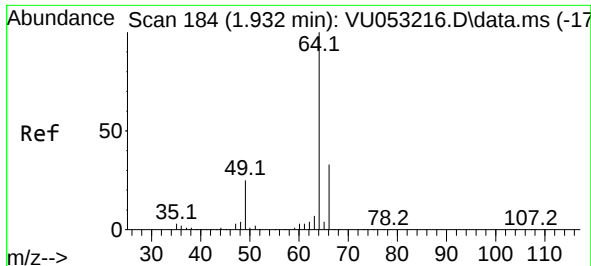
Tgt Ion: 62 Resp: 247914
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 48.000 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.006 min
 Lab File: VU053239.D
 Acq: 16 Mar 2023 20:14

Tgt Ion: 94 Resp: 45107
 Ion Ratio Lower Upper
 94 100
 96 97.3 67.5 125.3

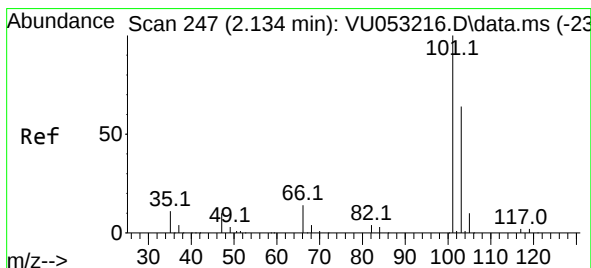
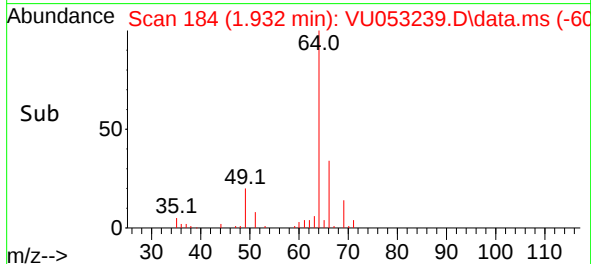
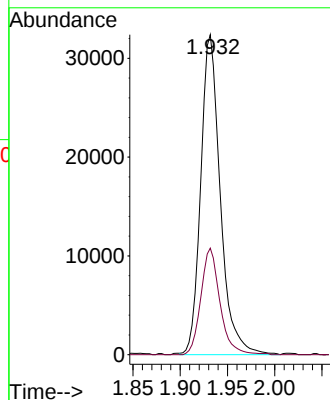
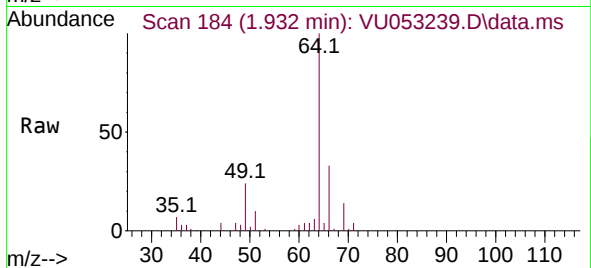




#8
Chloroethane
Concen: 50.480 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

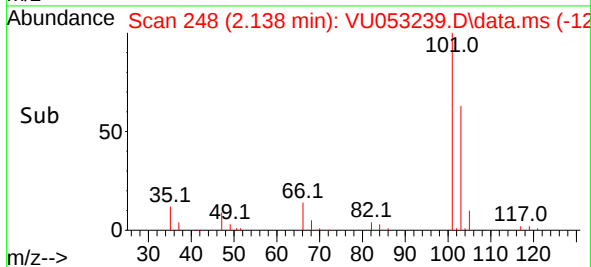
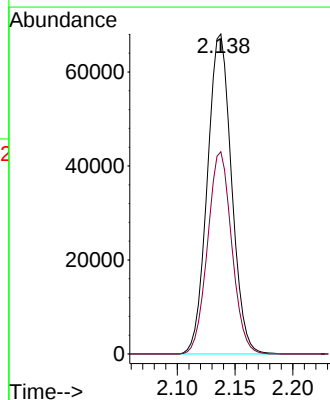
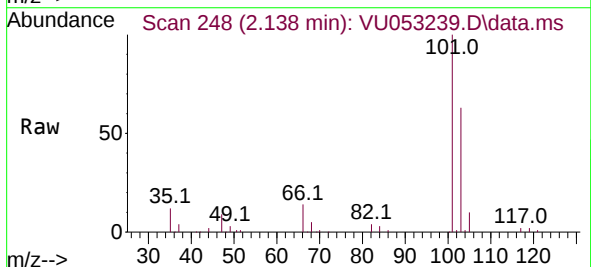
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ClientSampleId :
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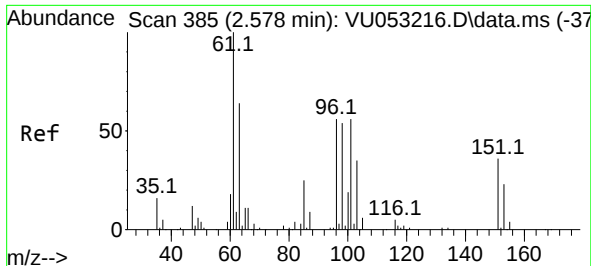
Tgt Ion: 64 Resp: 46615
Ion Ratio Lower Upper
64 100
66 33.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 50.840 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:101 Resp: 99166
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

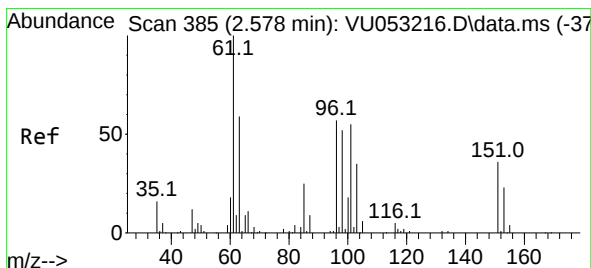
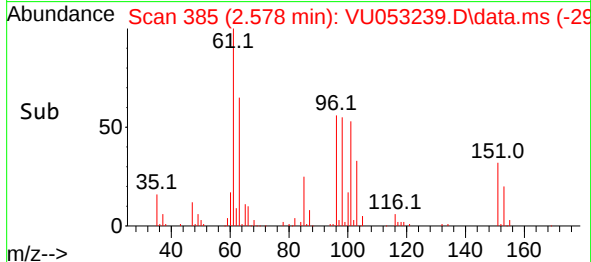
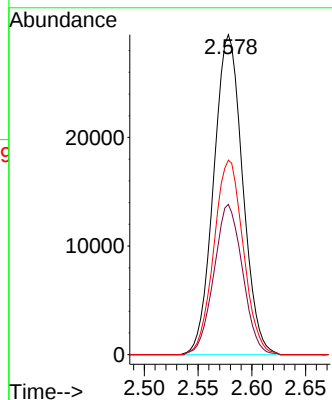
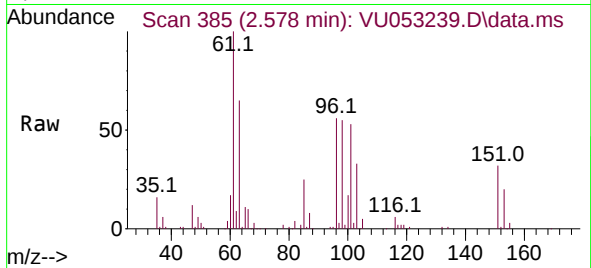




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.731 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053239.D
 Acq: 16 Mar 2023 20:14

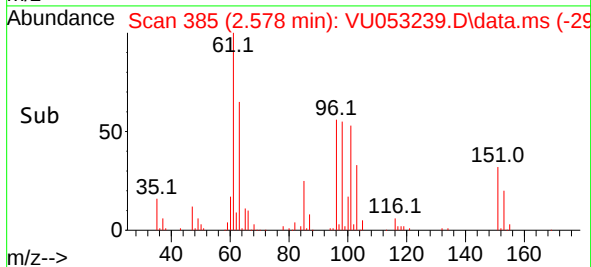
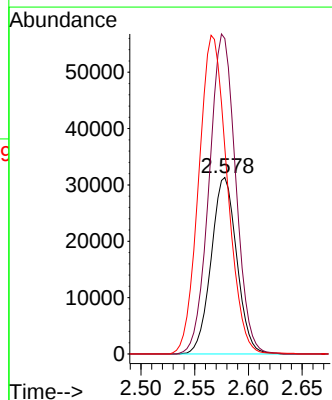
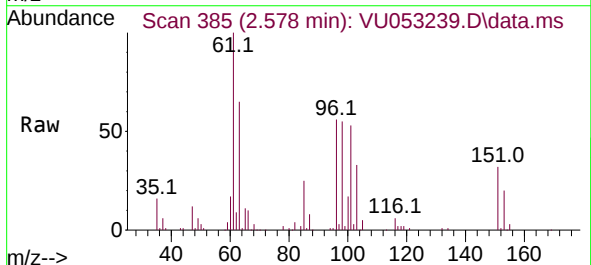
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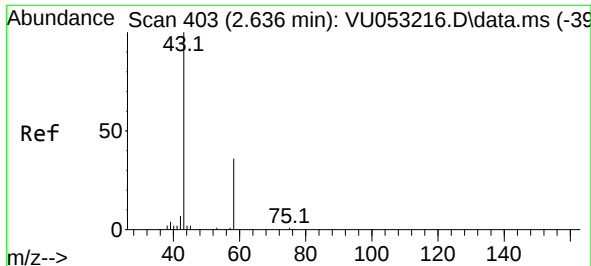
Tgt Ion:	101	Resp:	55139
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.0	55.6
151	61.9	52.9	79.3



#12
 1,1-Dichloroethene
 Concen: 47.457 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053239.D
 Acq: 16 Mar 2023 20:14

Tgt Ion:	96	Resp:	51785
Ion Ratio	Lower	Upper	
96	100		
61	178.6	122.2	226.9
63	116.7	89.9	166.9





#13

Acetone

Concen: 62.555 ug/L

RT: 2.617 min Scan# 397

Delta R.T. -0.019 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

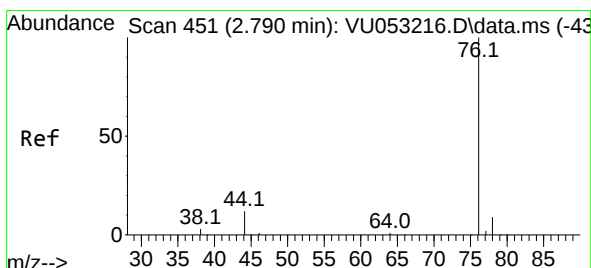
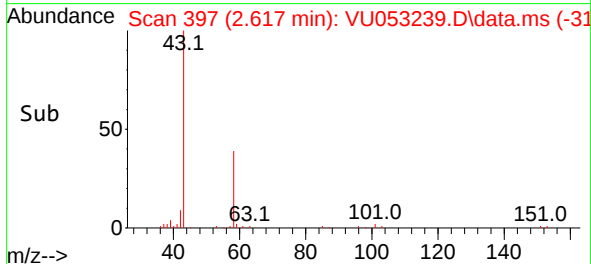
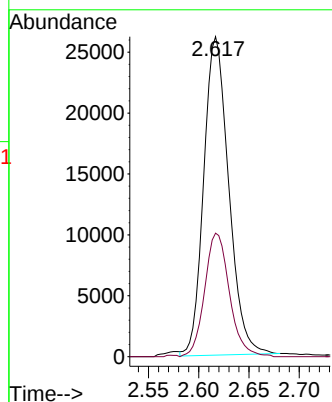
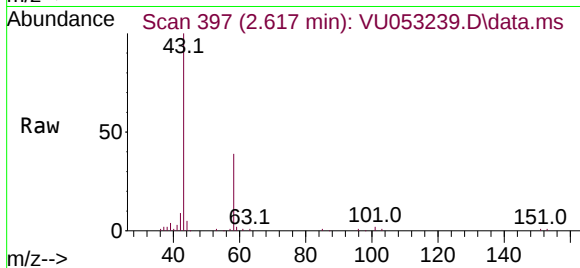
EYFG3MSD

Tgt Ion: 43 Resp: 45296

Ion Ratio Lower Upper

43 100

58 38.4 0.0 75.0



#14

Carbon disulfide

Concen: 47.454 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU053239.D

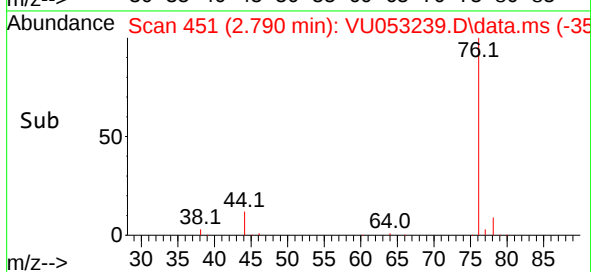
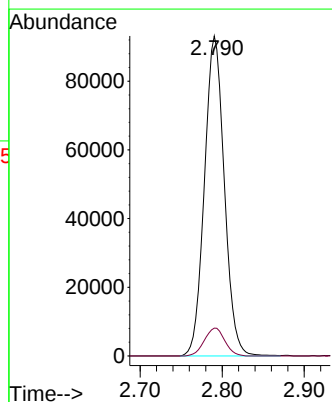
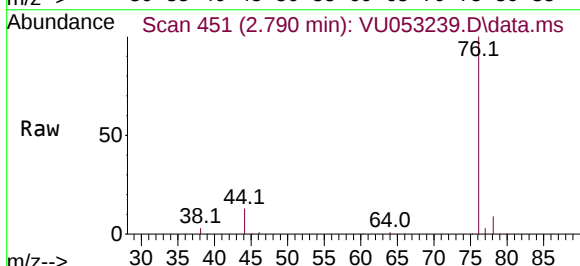
Acq: 16 Mar 2023 20:14

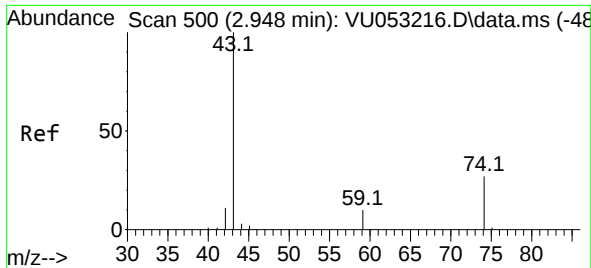
Tgt Ion: 76 Resp: 156840

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

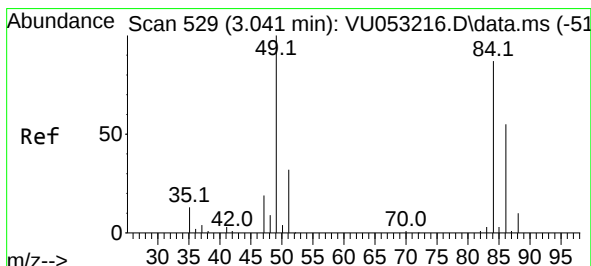
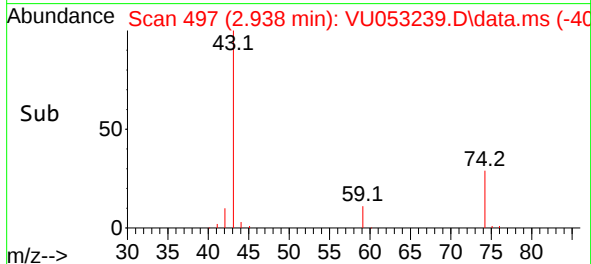
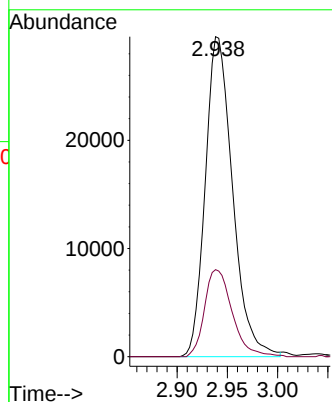
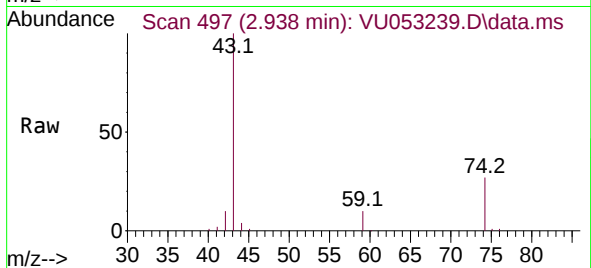




#15
Methyl Acetate
Concen: 56.282 ug/L
RT: 2.938 min Scan# 497
Delta R.T. -0.010 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

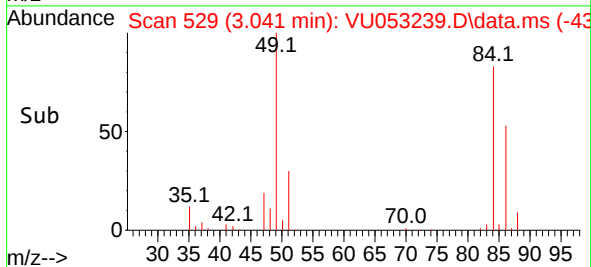
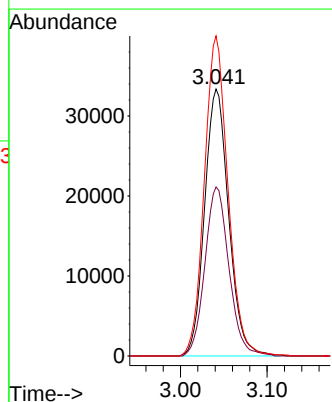
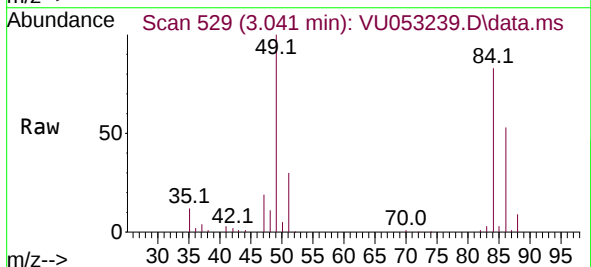
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

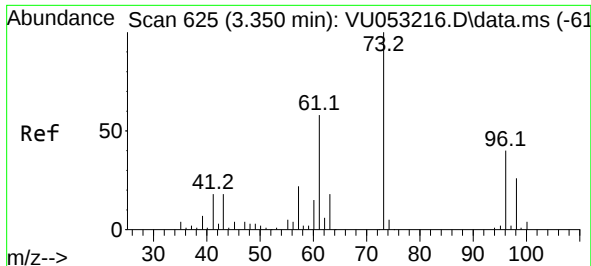
Tgt Ion: 43 Resp: 55860
Ion Ratio Lower Upper
43 100
74 27.5 21.4 32.0



#16
Methylene chloride
Concen: 48.760 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 84 Resp: 64548
Ion Ratio Lower Upper
84 100
86 63.3 44.4 82.4
49 119.9 81.6 151.6

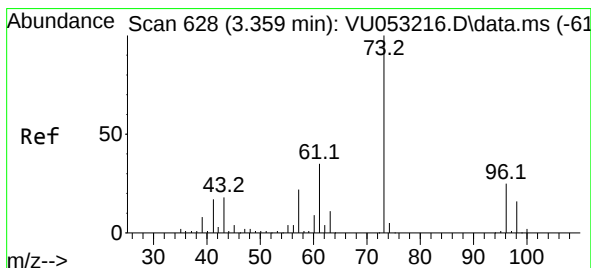
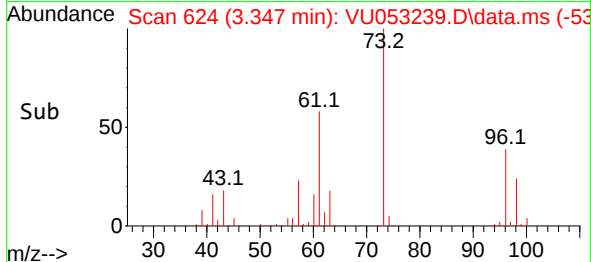
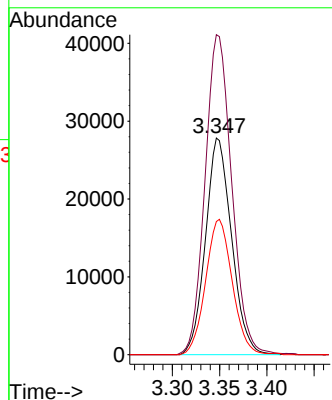
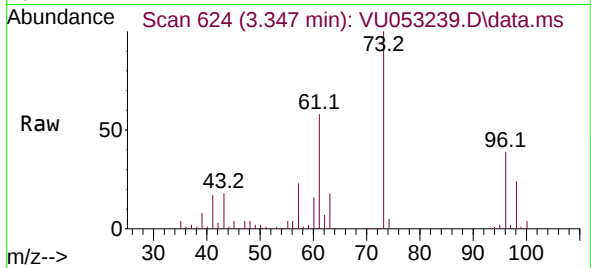




#17
trans-1,2-Dichloroethene
Concen: 48.302 ug/L
RT: 3.347 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

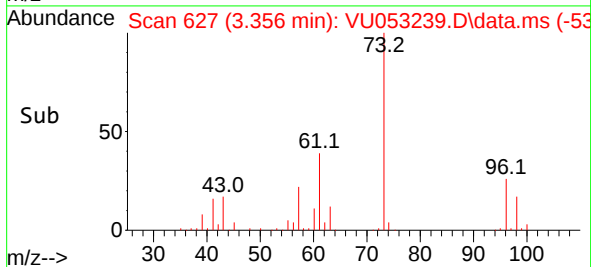
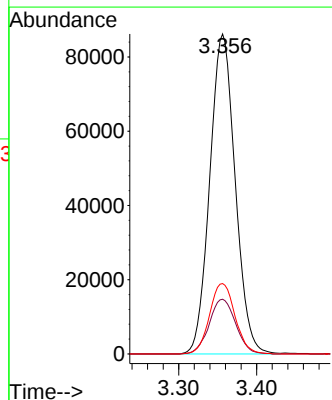
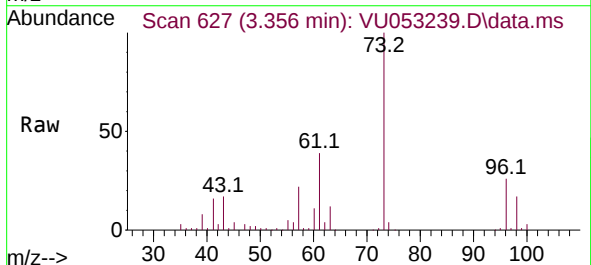
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

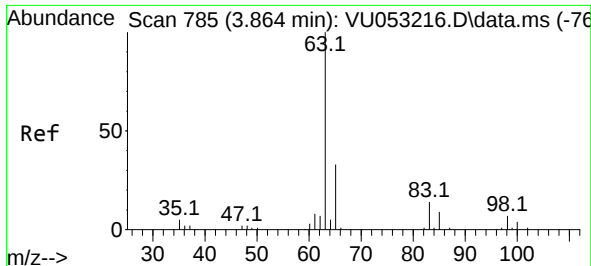
Tgt Ion: 96 Resp: 53479
Ion Ratio Lower Upper
96 100
61 147.8 99.6 185.0
98 61.5 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 52.525 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 73 Resp: 195549
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.2
57 22.1 18.0 27.0





#19

1,1-Dichloroethane

Concen: 51.441 ug/L

RT: 3.861 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MSD

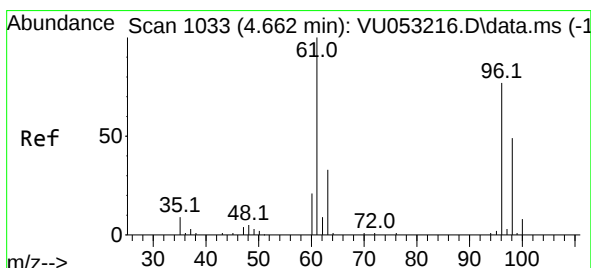
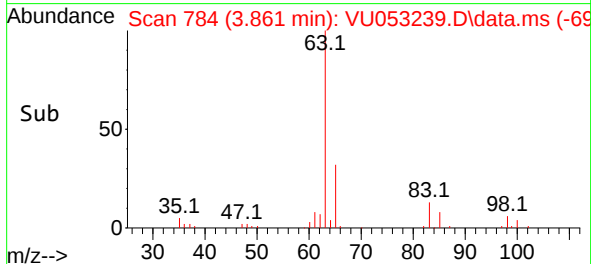
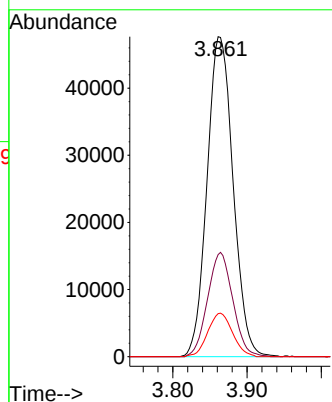
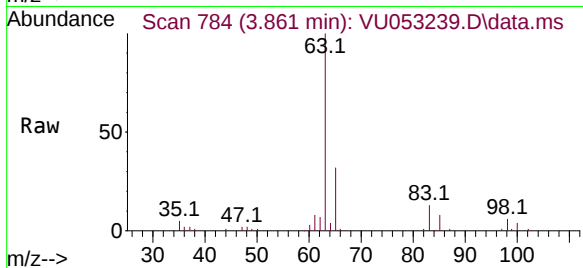
Tgt Ion: 63 Resp: 116260

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 13.5 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 135.146 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

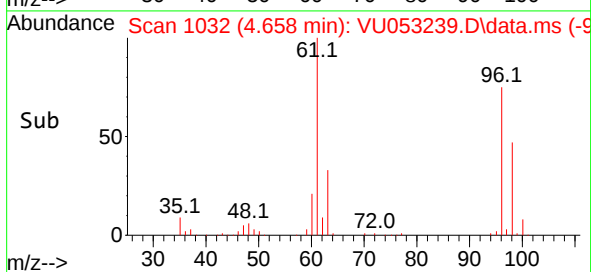
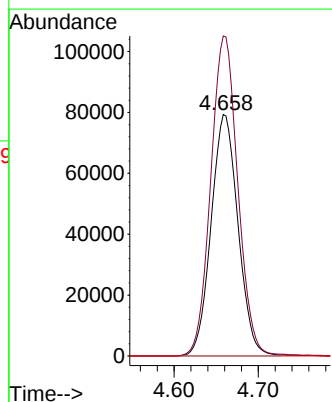
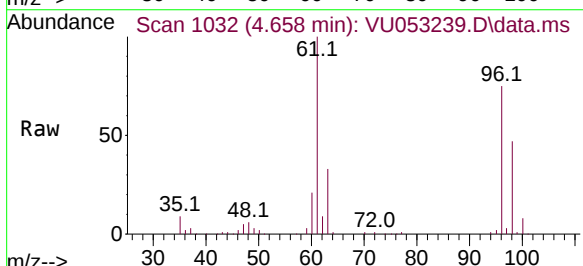
Tgt Ion: 96 Resp: 175748

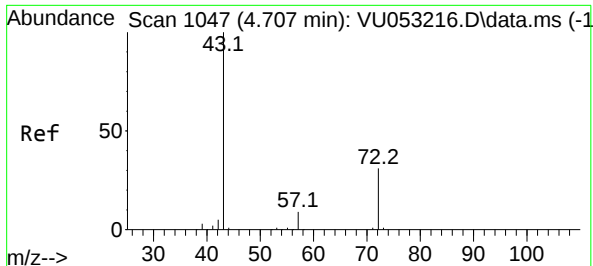
Ion Ratio Lower Upper

96 100

61 132.6 92.5 171.7

68 0.0 0.0 0.0

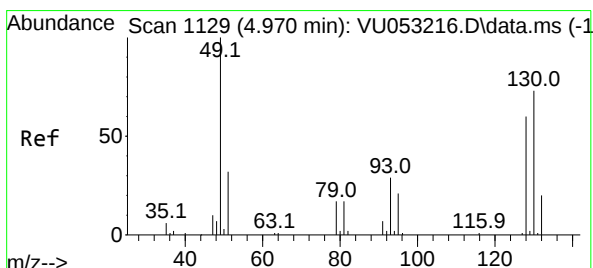
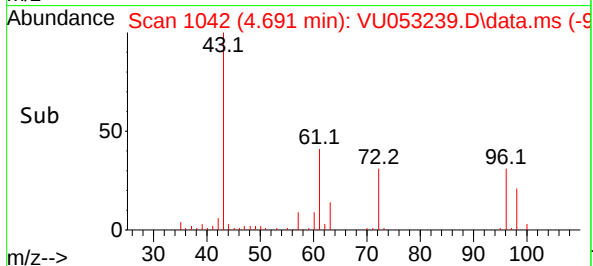
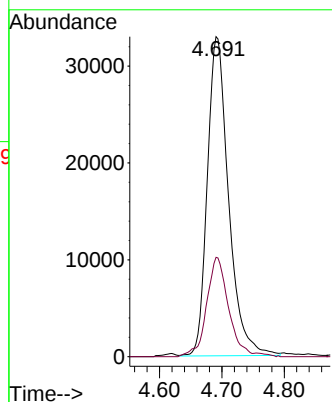
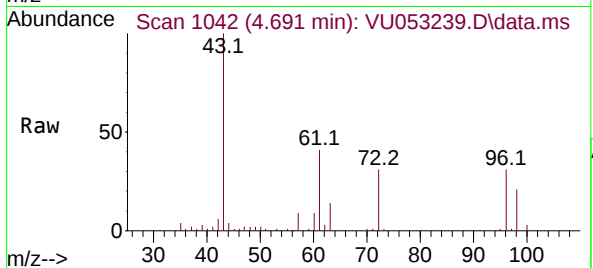




#22
2-Butanone
Concen: 94.615 ug/L
RT: 4.691 min Scan# 1042
Delta R.T. -0.016 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

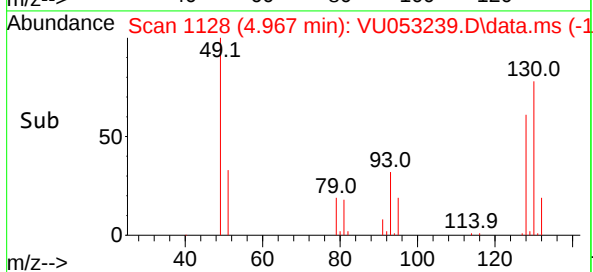
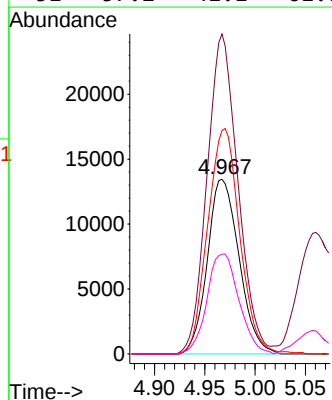
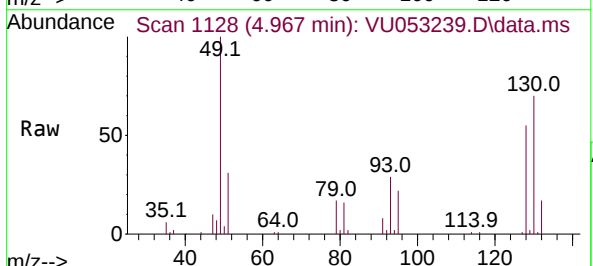
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

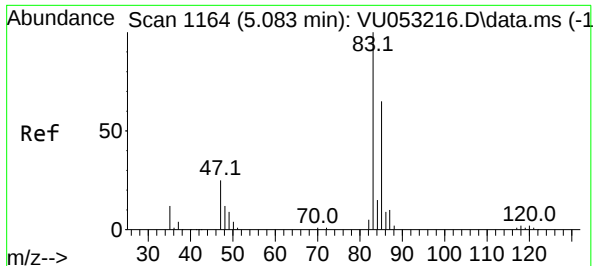
Tgt Ion: 43 Resp: 78052
Ion Ratio Lower Upper
43 100
72 31.8 16.0 47.9



#23
Bromochloromethane
Concen: 47.629 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:128 Resp: 29533
Ion Ratio Lower Upper
128 100
49 183.1 109.9 204.1
130 127.8 87.2 161.9
51 57.2 41.1 61.7





#25

Chloroform

Concen: 49.634 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

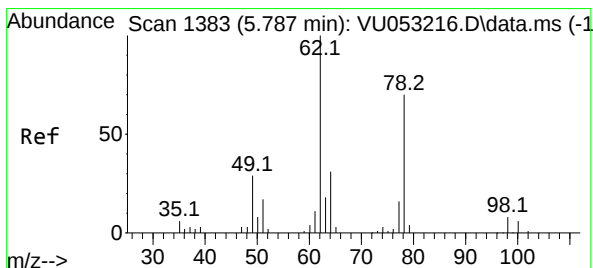
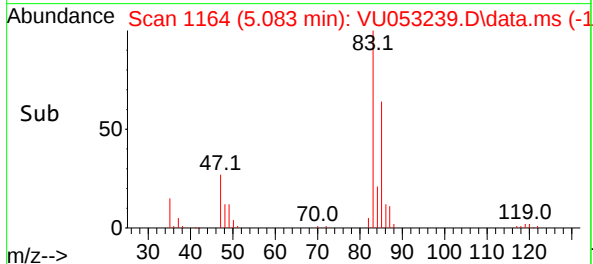
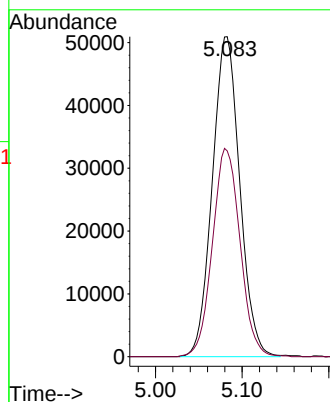
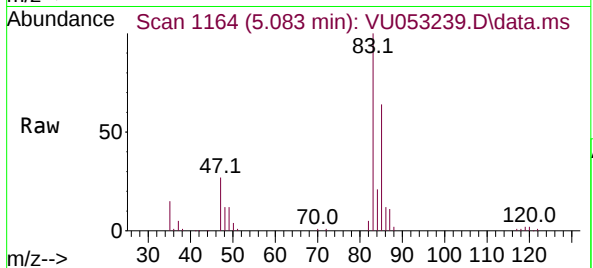
EYFG3MSD

Tgt Ion: 83 Resp: 112252

Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 49.751 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VU053239.D

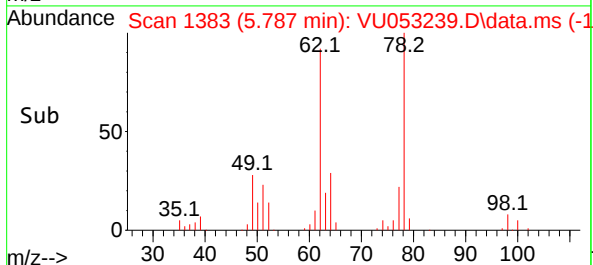
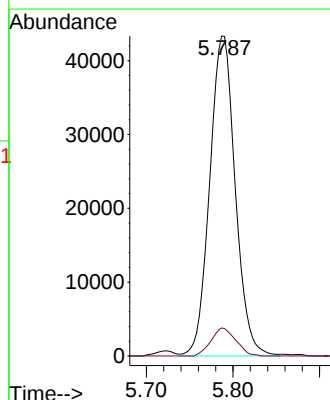
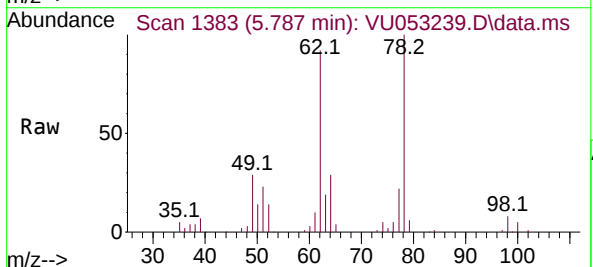
Acq: 16 Mar 2023 20:14

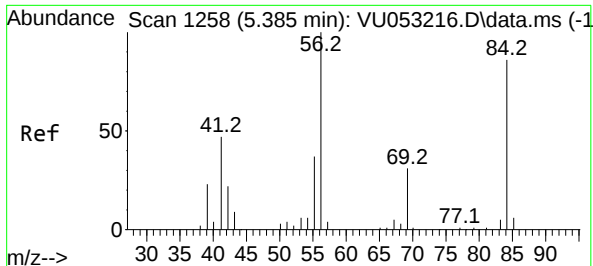
Tgt Ion: 62 Resp: 88820

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 48.075 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MSD

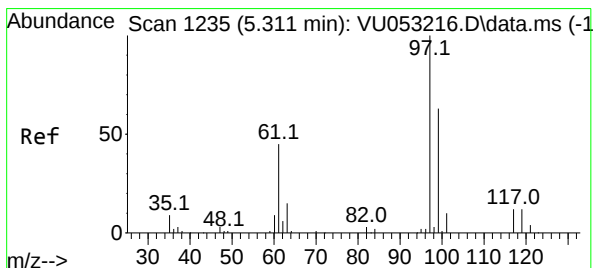
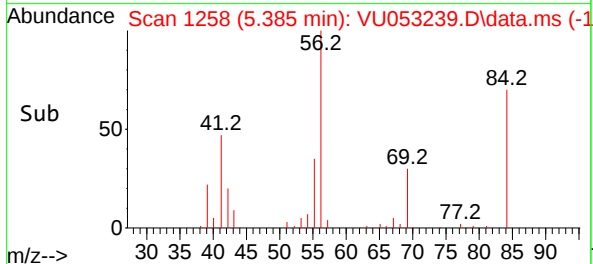
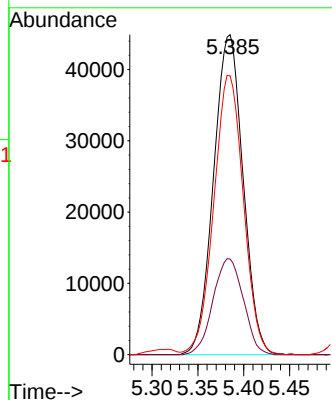
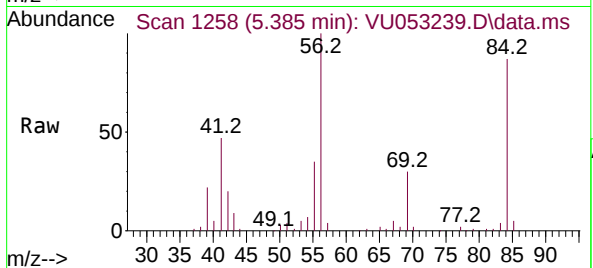
Tgt Ion: 56 Resp: 100562

Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.0

84 87.5 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 48.807 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

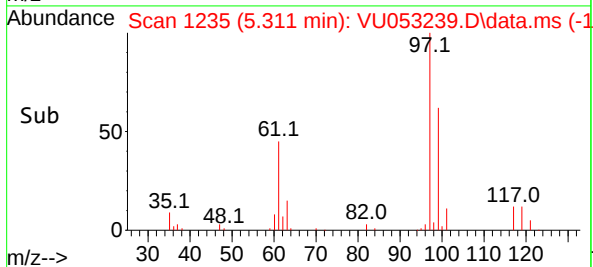
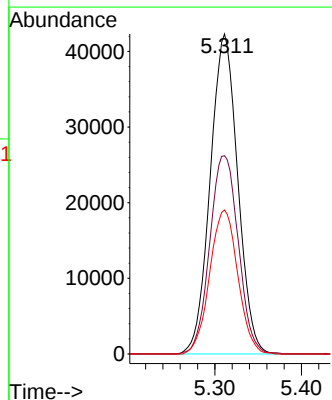
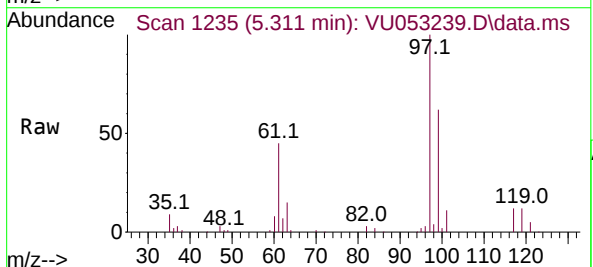
Tgt Ion: 97 Resp: 93392

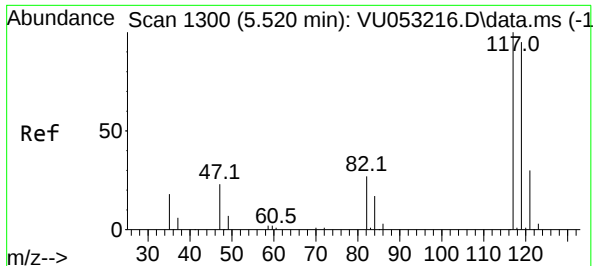
Ion Ratio Lower Upper

97 100

99 64.5 50.6 76.0

61 46.0 36.0 54.0

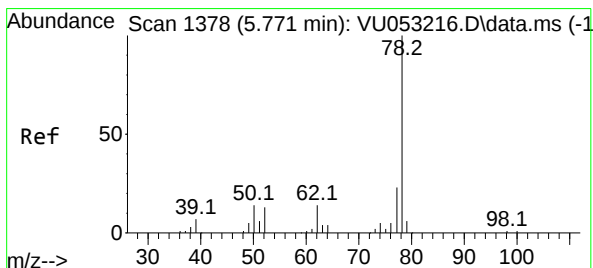
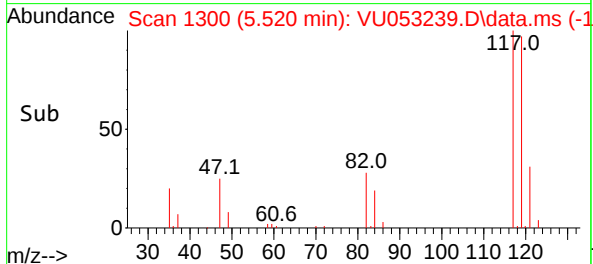
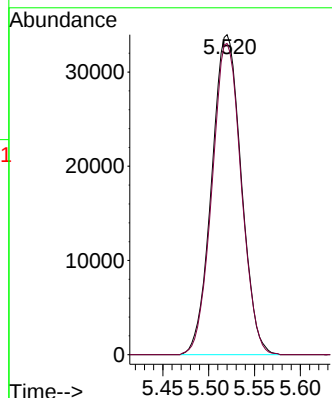
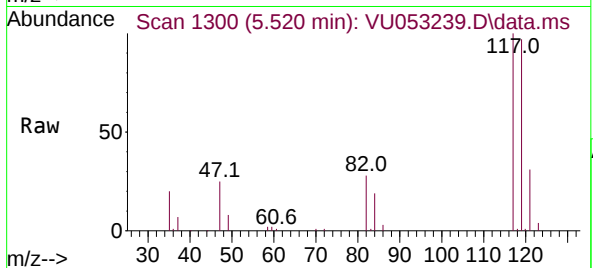




#31
Carbon tetrachloride
Concen: 48.645 ug/L
RT: 5.520 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

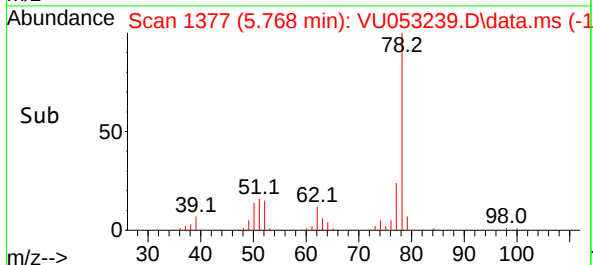
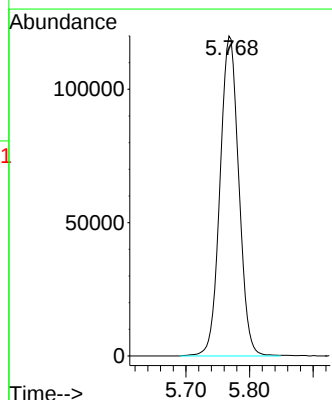
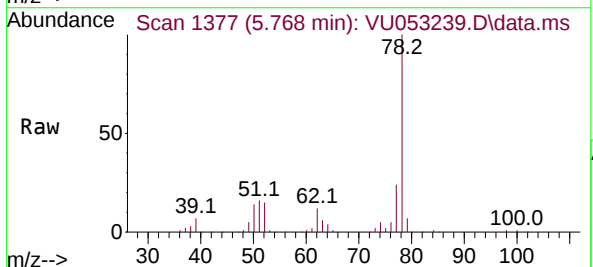
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

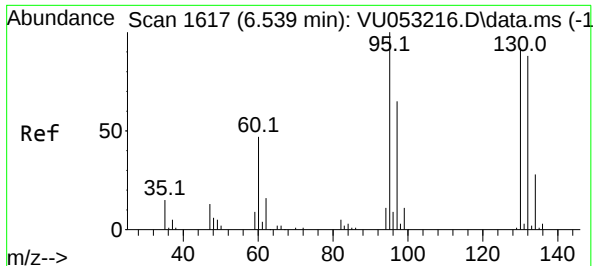
Tgt Ion:117 Resp: 76258
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2



#33
Benzene
Concen: 50.517 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 78 Resp: 245861

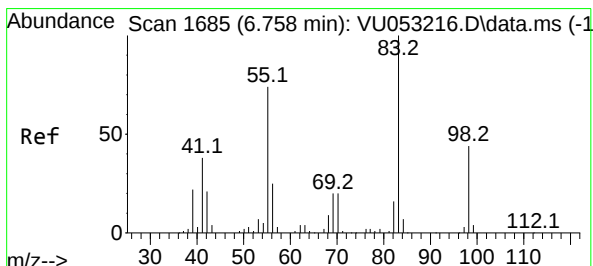
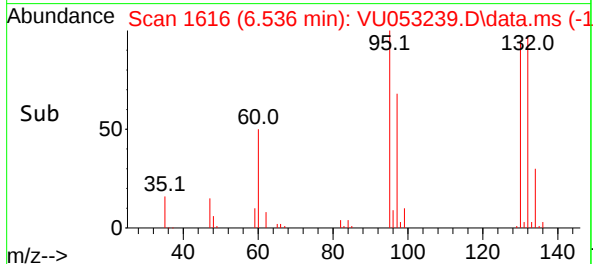
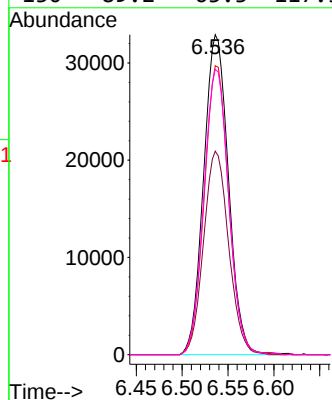
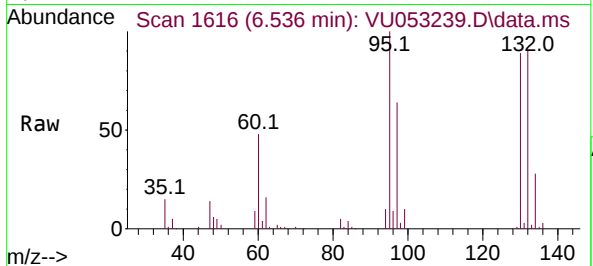




#34
Trichloroethene
Concen: 48.832 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

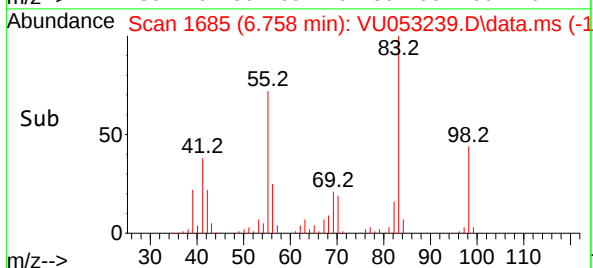
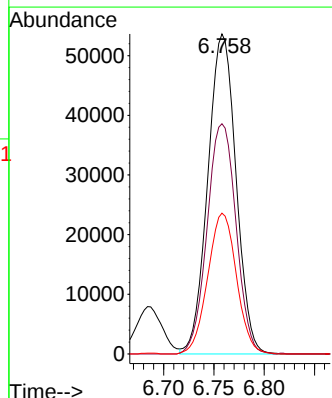
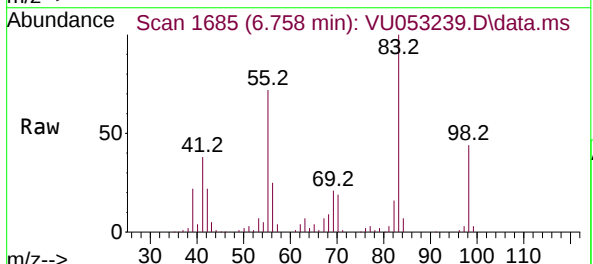
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

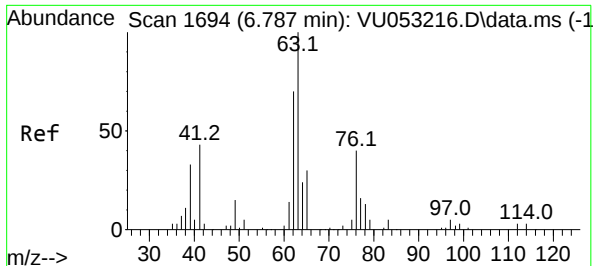
Tgt Ion: 95 Resp: 61969
Ion Ratio Lower Upper
95 100
97 63.6 43.8 81.3
132 90.3 61.5 114.3
130 89.2 63.3 117.5



#35
Methylcyclohexane
Concen: 47.091 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 83 Resp: 104751
Ion Ratio Lower Upper
83 100
55 73.6 58.2 87.4
98 44.8 35.4 53.2

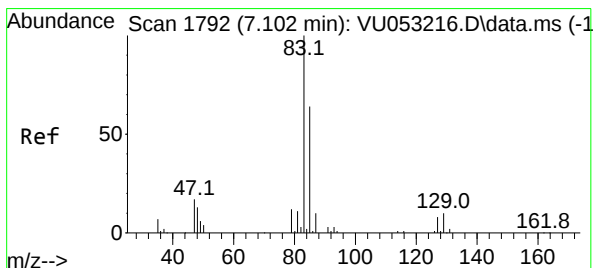
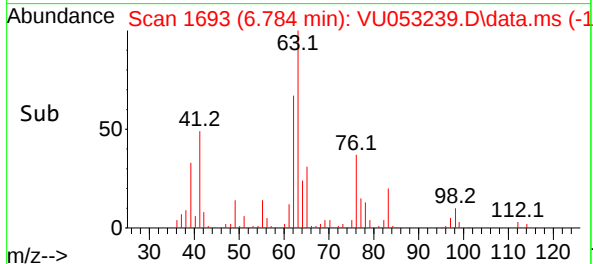
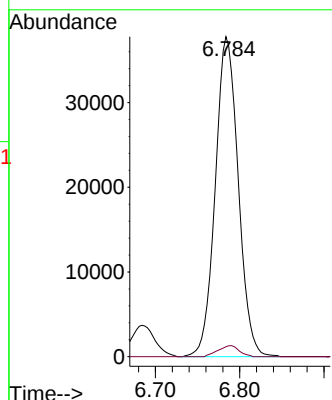
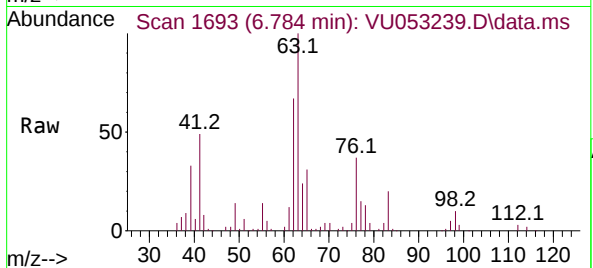




#37
1,2-Dichloropropane
Concen: 52.601 ug/L
RT: 6.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

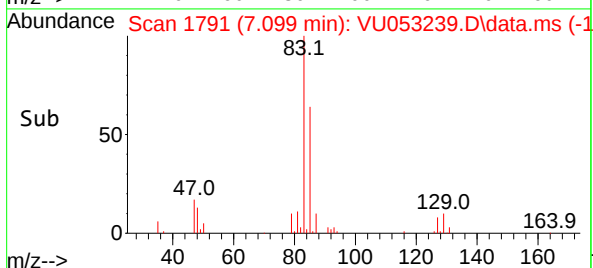
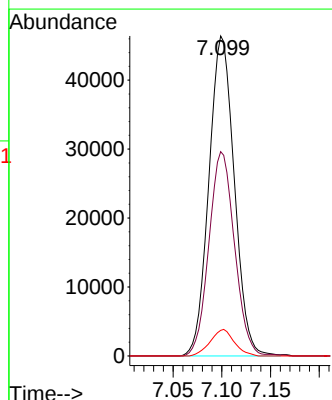
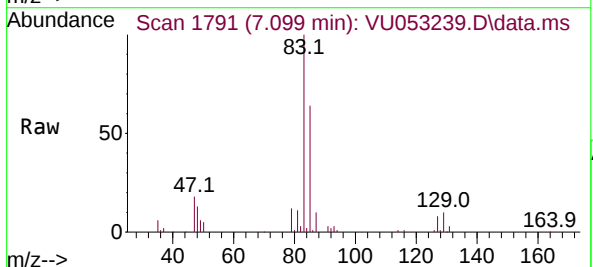
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

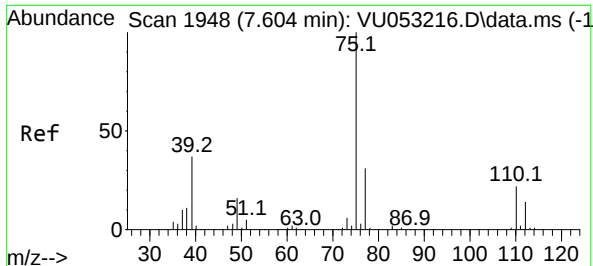
Tgt Ion: 63 Resp: 71424
Ion Ratio Lower Upper
63 100
112 3.2 2.6 3.8



#38
Bromodichloromethane
Concen: 49.785 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 83 Resp: 84127
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2
127 8.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 50.889 ug/L

RT: 7.600 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

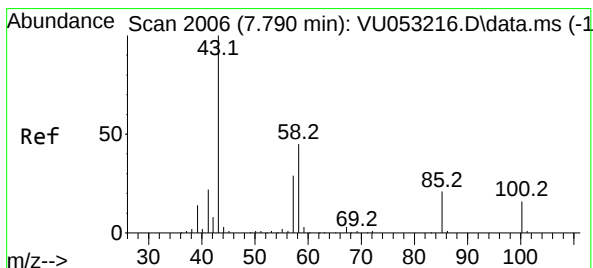
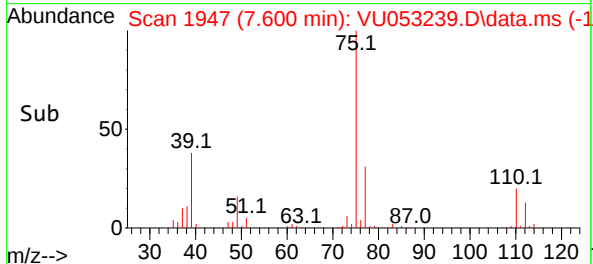
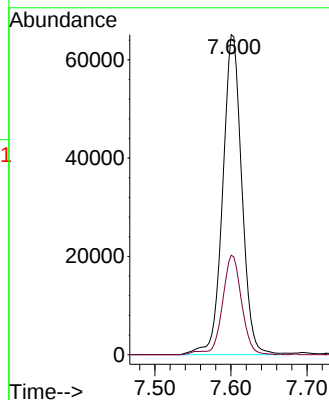
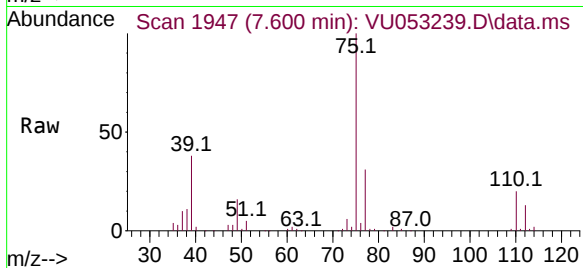
EYFG3MSD

Tgt Ion: 75 Resp: 113527

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 112.133 ug/L

RT: 7.784 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

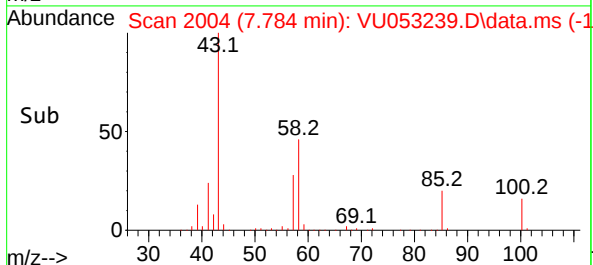
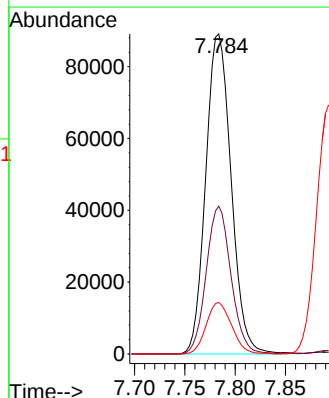
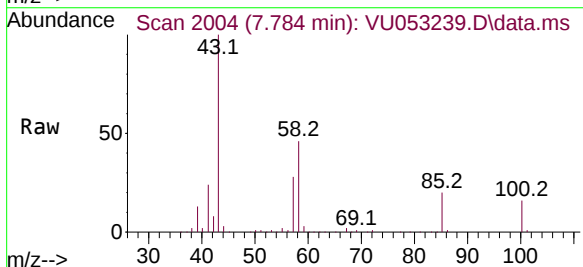
Tgt Ion: 43 Resp: 156500

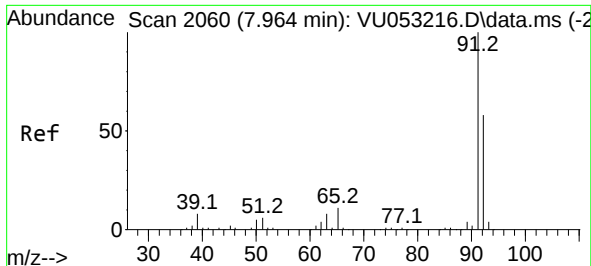
Ion Ratio Lower Upper

43 100

58 45.1 35.8 53.6

100 16.1 13.0 19.6





#42

Toluene

Concen: 50.014 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

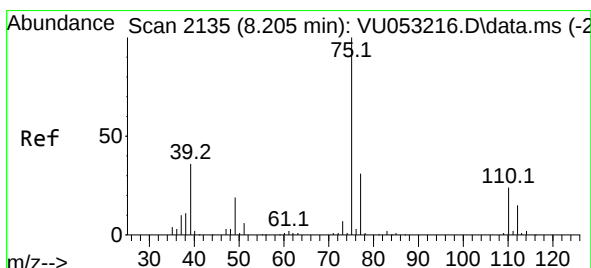
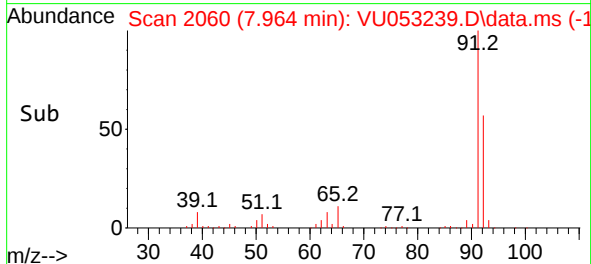
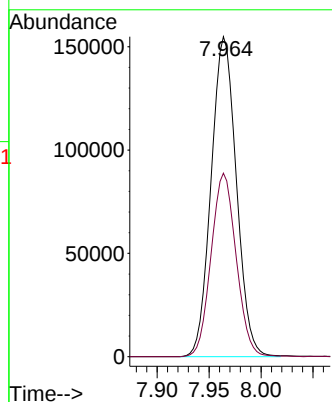
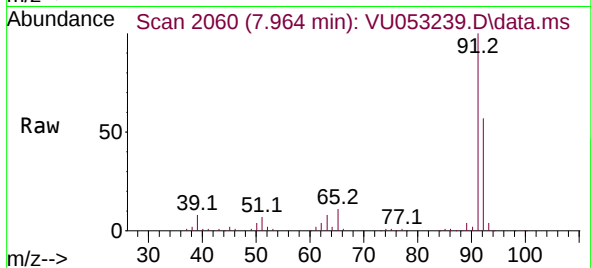
EYFG3MSD

Tgt Ion: 91 Resp: 261691

Ion Ratio Lower Upper

91 100

92 57.4 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 50.027 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053239.D

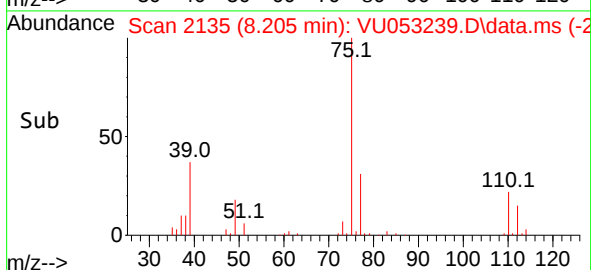
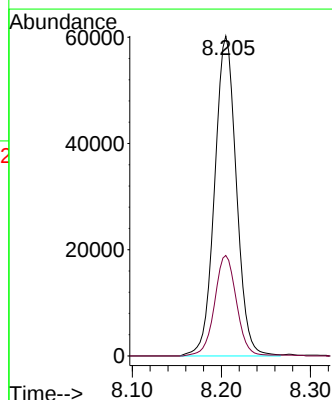
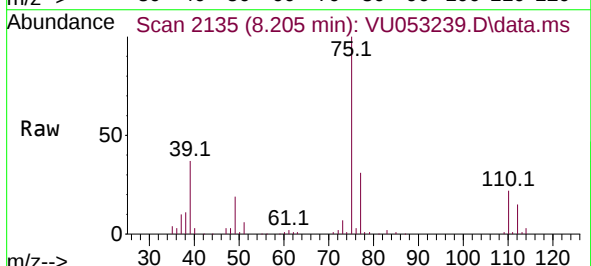
Acq: 16 Mar 2023 20:14

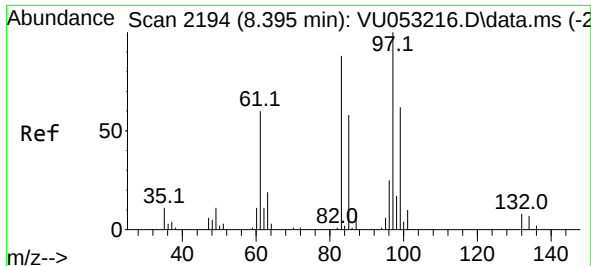
Tgt Ion: 75 Resp: 102018

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



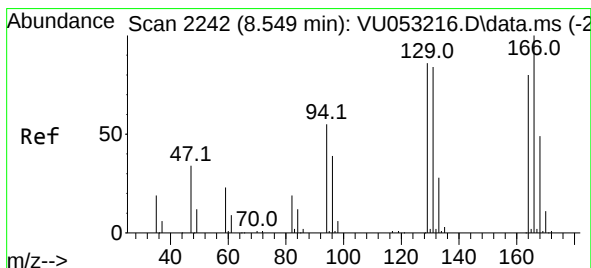
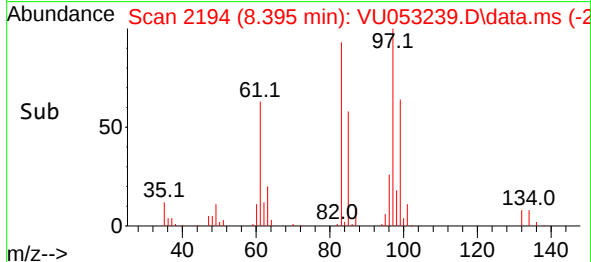
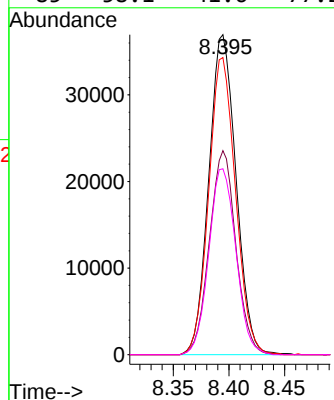
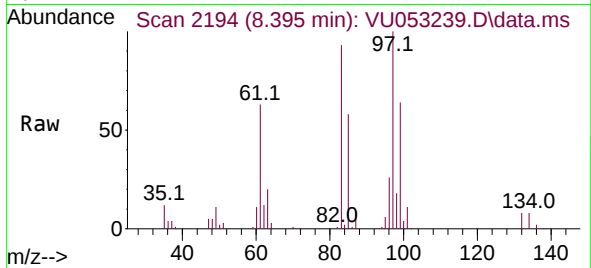


#45
1,1,2-Trichloroethane
Concen: 50.884 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

Tgt Ion: 97 Resp: 62913

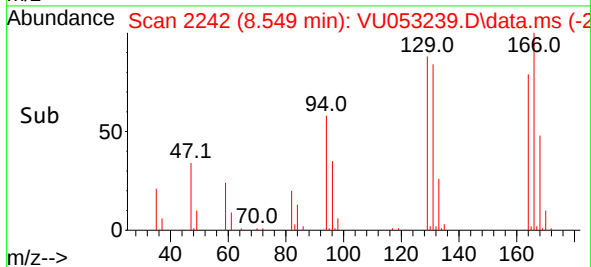
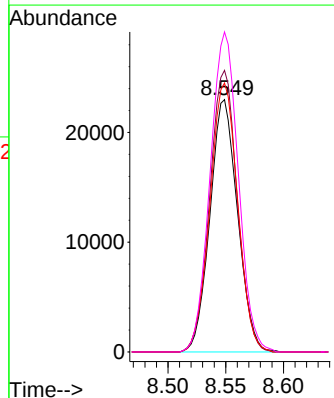
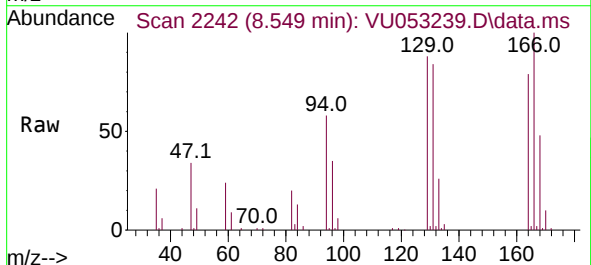
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.4	82.4
83	92.8	63.8	118.6
85	58.1	41.6	77.2

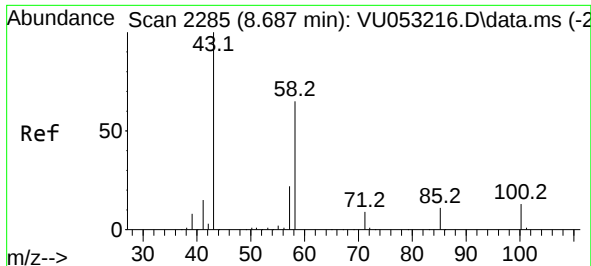


#46
Tetrachloroethene
Concen: 46.386 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion: 164 Resp: 38297

Ion	Ratio	Lower	Upper
164	100		
129	111.6	73.6	136.8
131	106.6	70.3	130.7
166	126.8	88.9	165.1

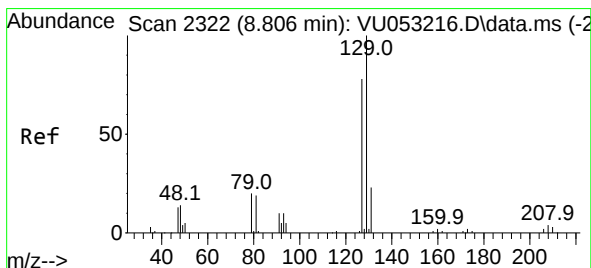
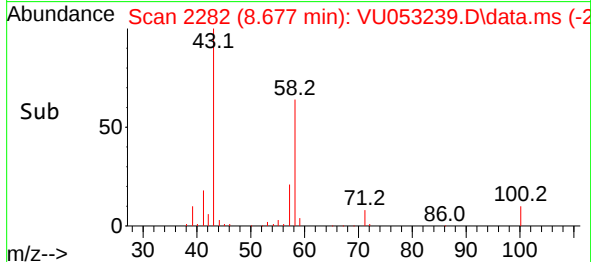
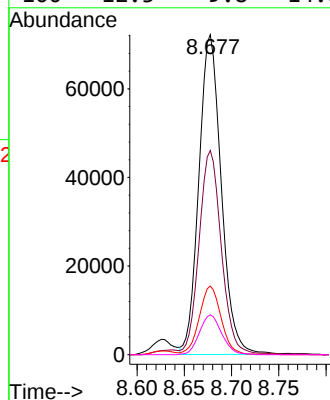
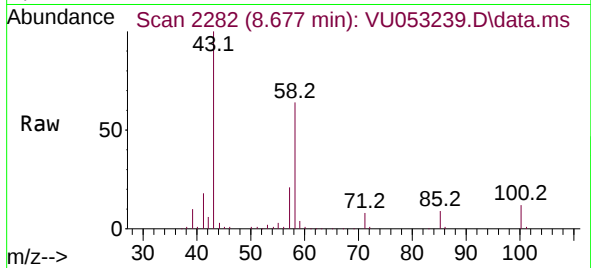




#48
2-Hexanone
Concen: 101.949 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

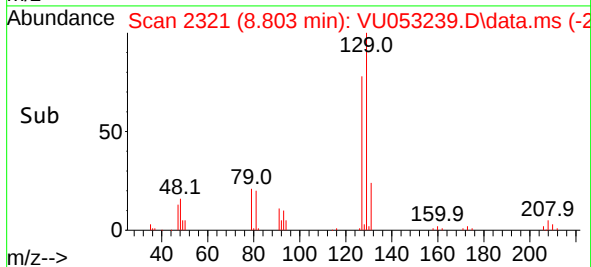
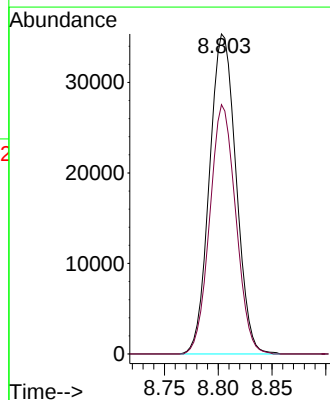
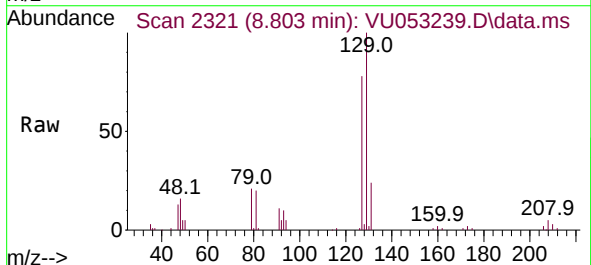
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

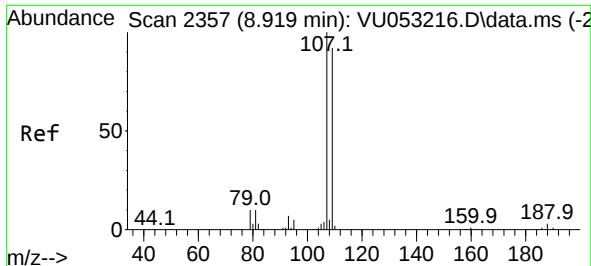
Tgt Ion: 43	Resp: 119149
Ion Ratio	Lower Upper
43 100	
58 62.9	49.4 74.0
57 21.0	16.9 25.3
100 12.3	9.8 14.8



#49
Dibromochloromethane
Concen: 48.079 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:129	Resp: 60809		
Ion Ratio	Lower	Upper	
129 100			
127 77.9	53.1	98.5	





#50

1,2-Dibromoethane

Concen: 49.674 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MSD

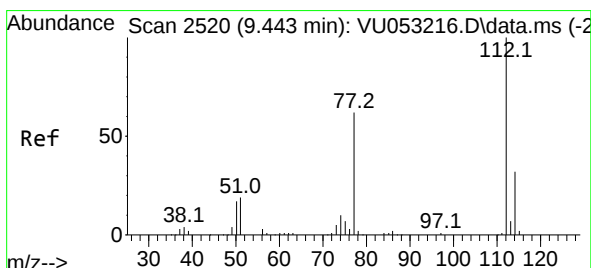
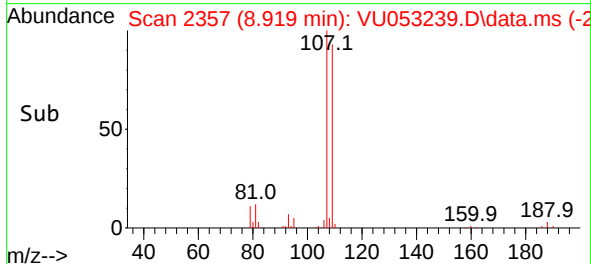
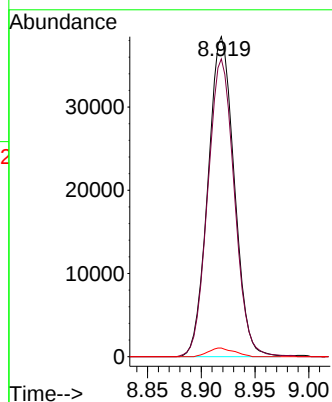
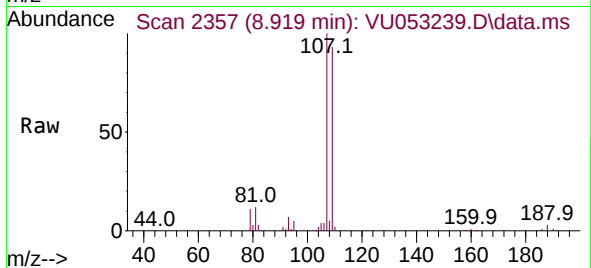
Tgt Ion:107 Resp: 65443

Ion Ratio Lower Upper

107 100

109 93.1 64.6 120.0

188 2.7 2.2 3.4



#51

Chlorobenzene

Concen: 49.092 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

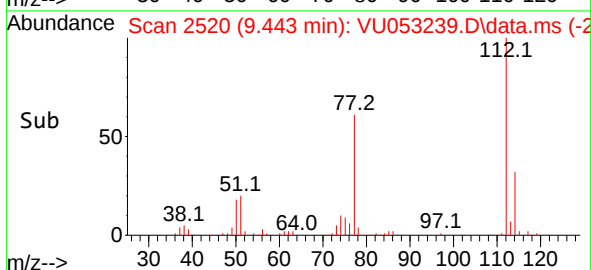
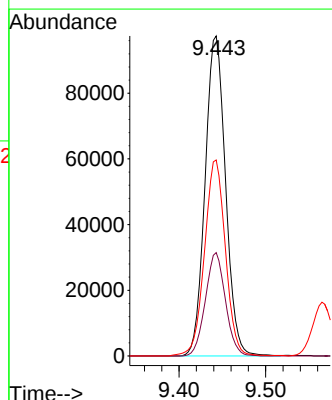
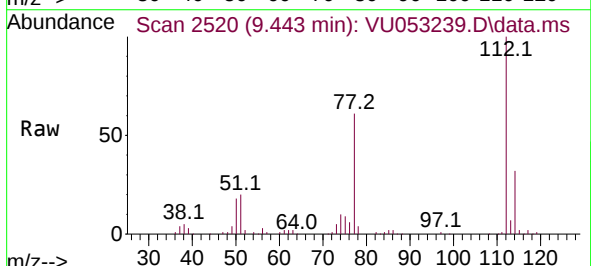
Tgt Ion:112 Resp: 160093

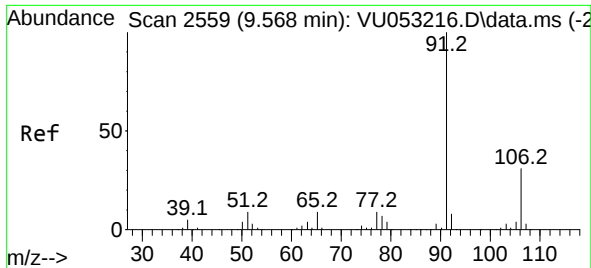
Ion Ratio Lower Upper

112 100

114 32.3 21.8 40.6

77 61.2 48.8 73.2

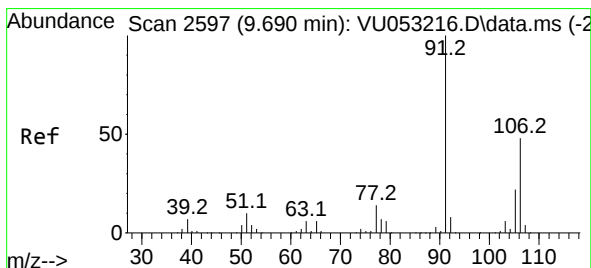
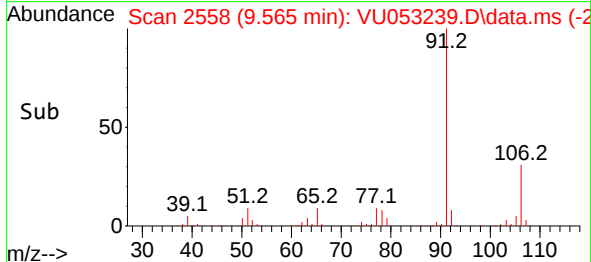
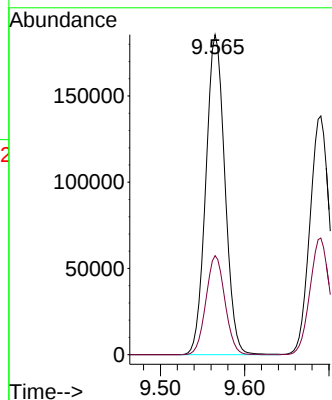
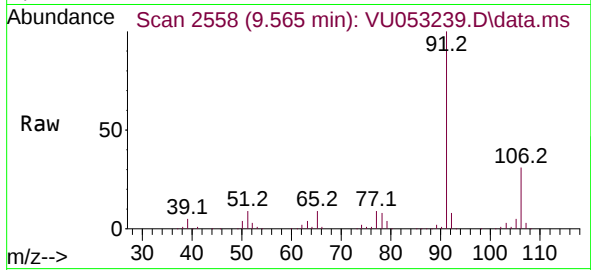




#52
Ethylbenzene
Concen: 49.246 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

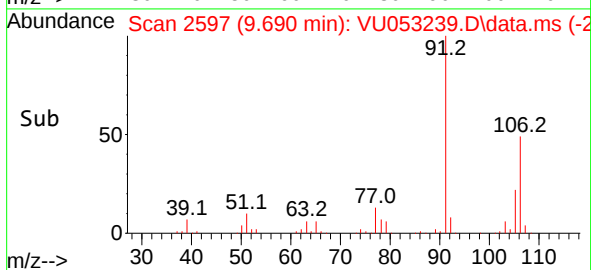
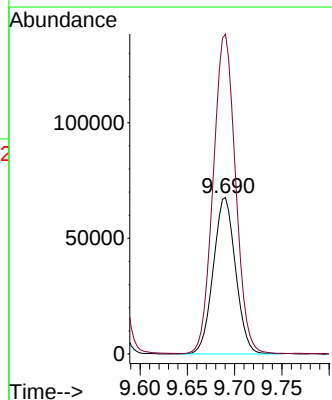
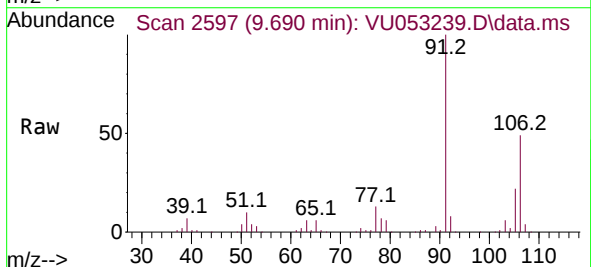
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

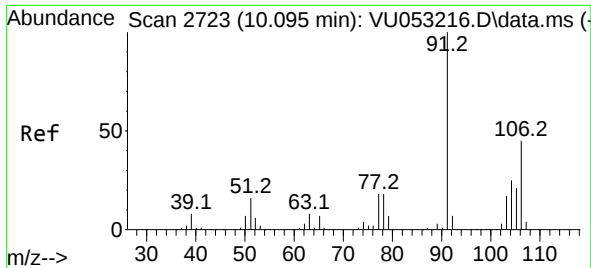
Tgt Ion: 91 Resp: 292205
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 50.130 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:106 Resp: 111020
Ion Ratio Lower Upper
106 100
91 204.5 145.3 269.8

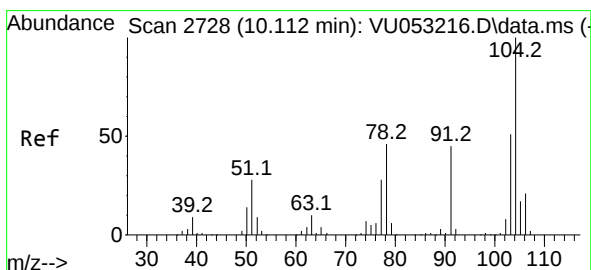
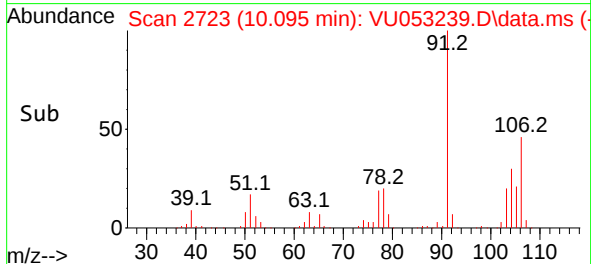
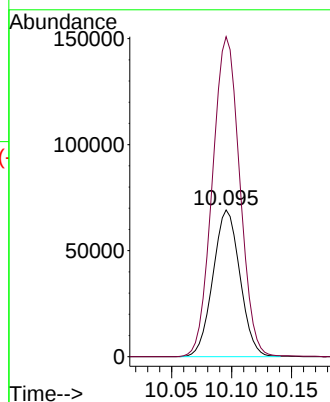
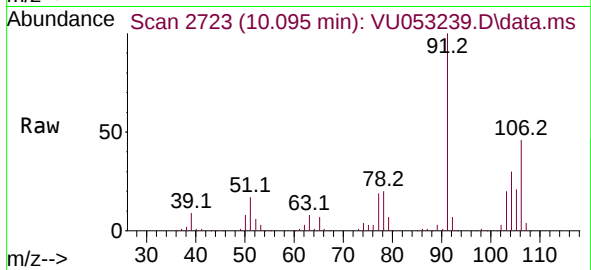




#54
o-Xylene
Concen: 49.439 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

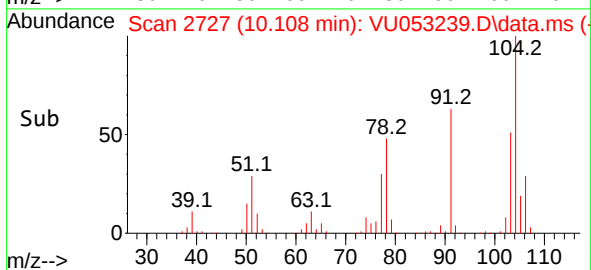
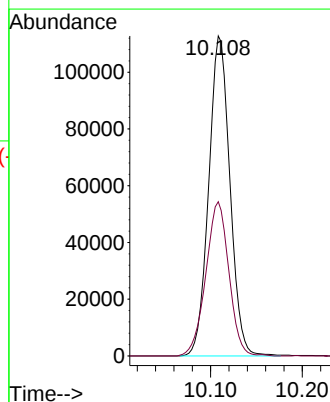
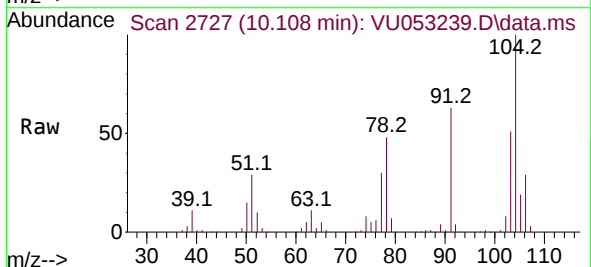
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

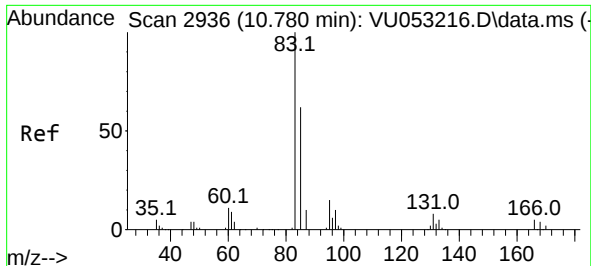
Tgt Ion:106 Resp: 108290
Ion Ratio Lower Upper
106 100
91 218.0 154.9 287.7



#55
Styrene
Concen: 49.698 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:104 Resp: 181424
Ion Ratio Lower Upper
104 100
78 48.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 52.447 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MSD

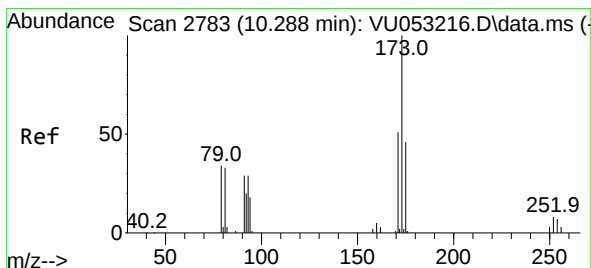
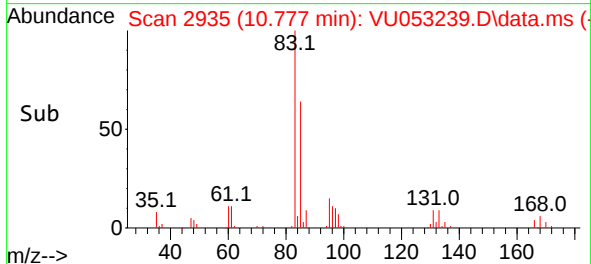
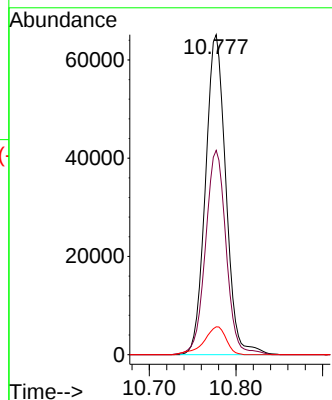
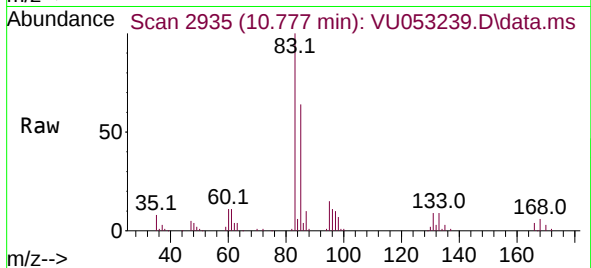
Tgt Ion: 83 Resp: 106316

Ion Ratio Lower Upper

83 100

85 63.9 46.0 85.4

131 8.7 6.6 10.0



#59

Bromoform

Concen: 48.338 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

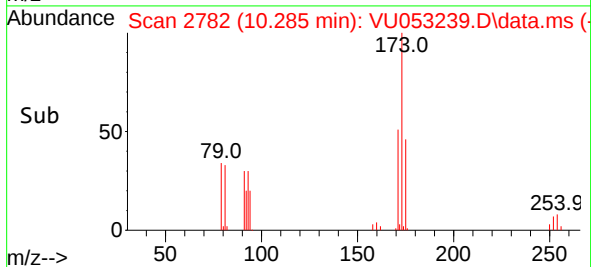
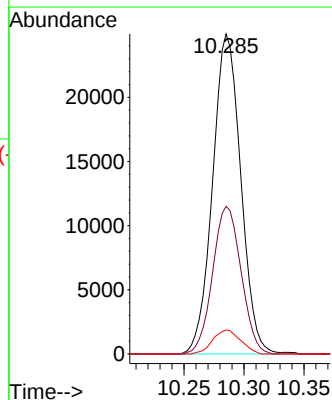
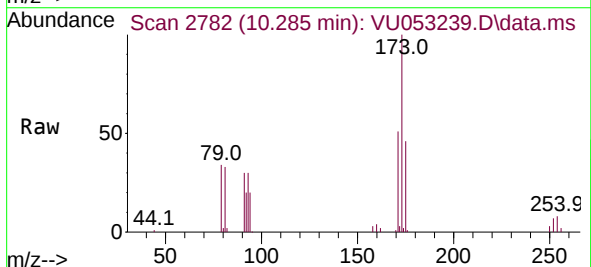
Tgt Ion:173 Resp: 40675

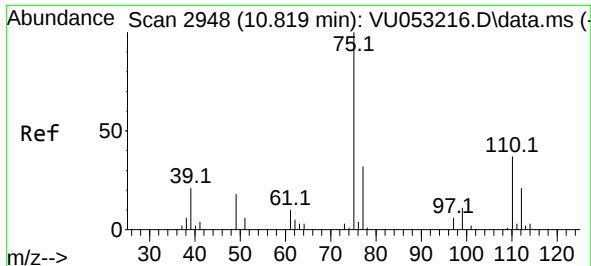
Ion Ratio Lower Upper

173 100

175 46.6 38.5 57.7

254 7.4 6.5 9.7

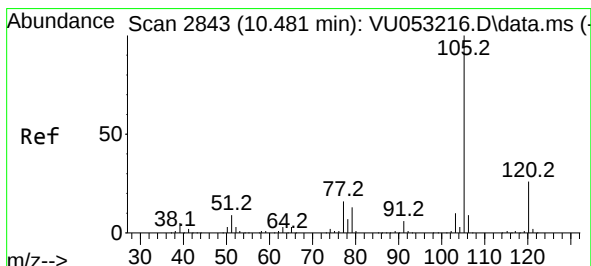
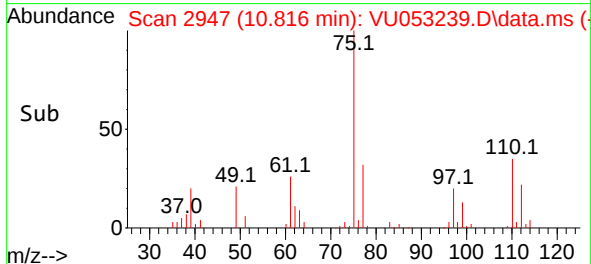
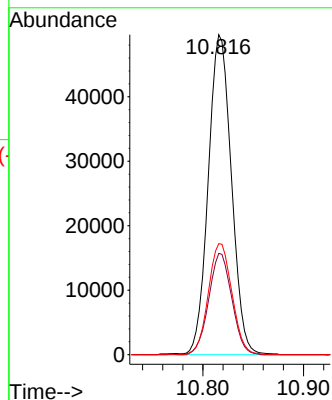
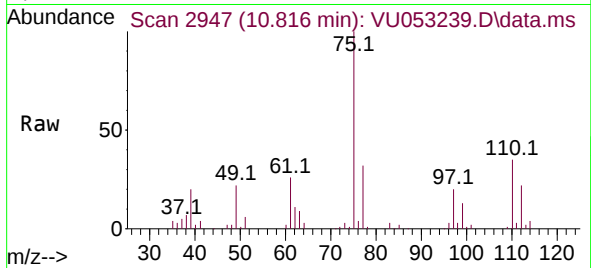




#60
1,2,3-Trichloropropane
Concen: 53.953 ug/L
RT: 10.816 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

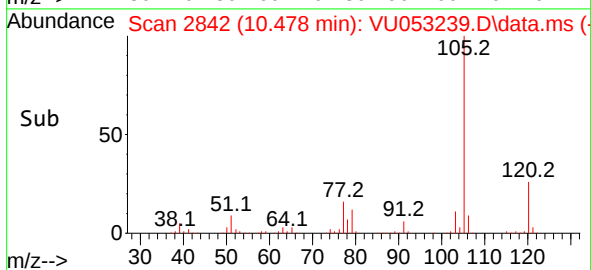
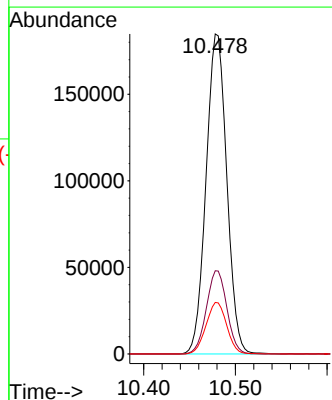
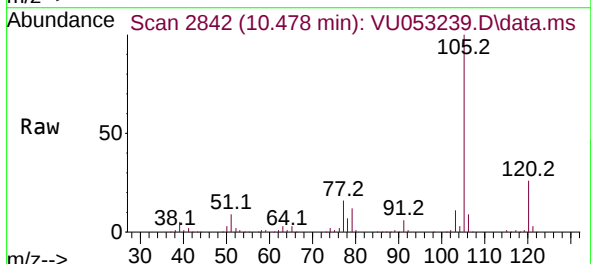
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

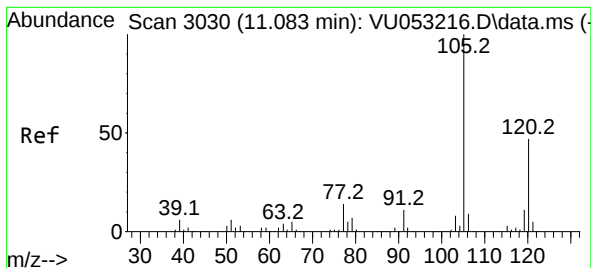
Tgt Ion:	75	Resp:	79274
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.6	40.0
110	35.4	28.6	42.8



#61
Isopropylbenzene
Concen: 49.710 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:	105	Resp:	290422
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	16.1	13.0	19.4





#62

1,3,5-Trimethylbenzene

Concen: 48.952 ug/L

RT: 11.083 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

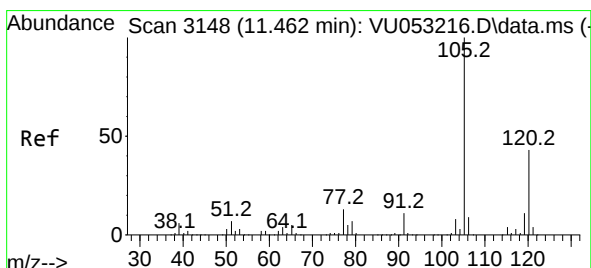
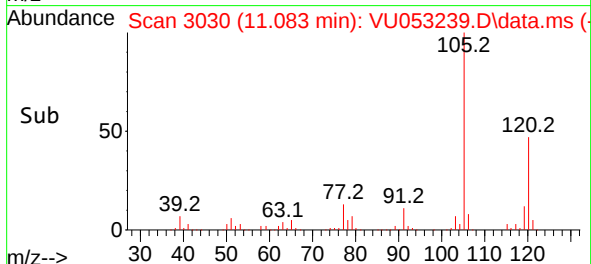
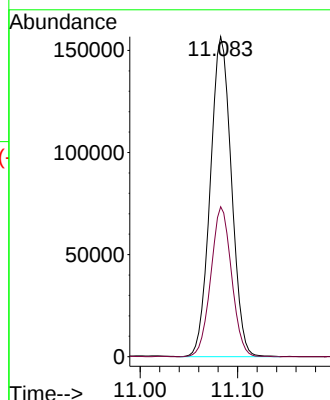
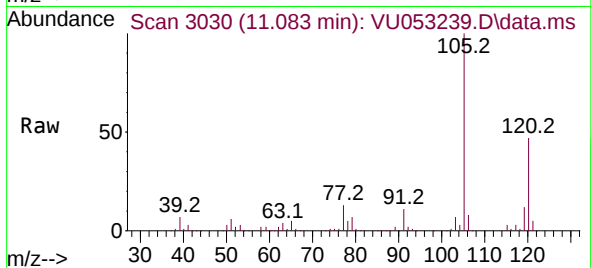
EYFG3MSD

Tgt Ion:105 Resp: 236731

Ion Ratio Lower Upper

105 100

120 45.8 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 48.731 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU053239.D

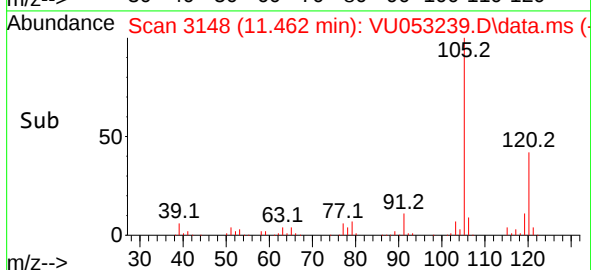
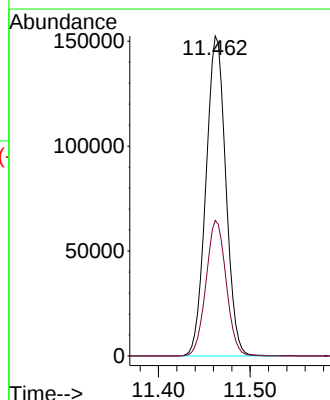
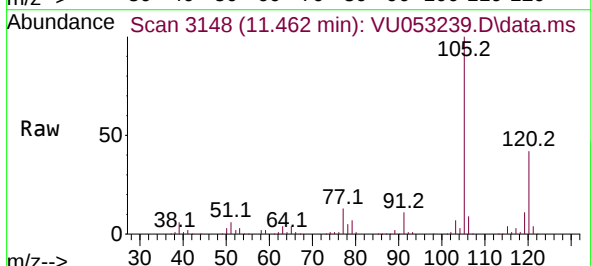
Acq: 16 Mar 2023 20:14

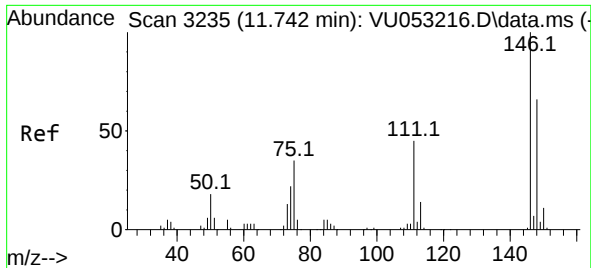
Tgt Ion:105 Resp: 229710

Ion Ratio Lower Upper

105 100

120 42.9 34.6 52.0

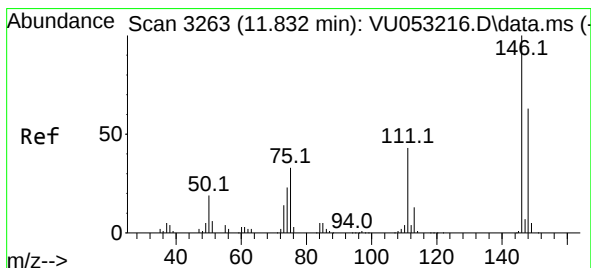
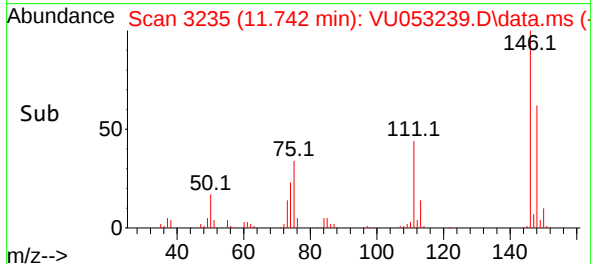
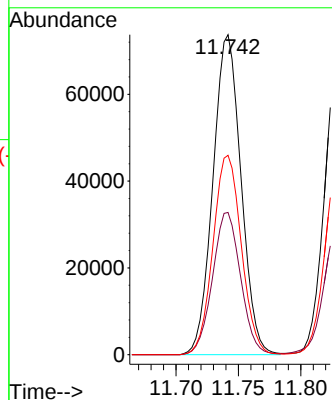
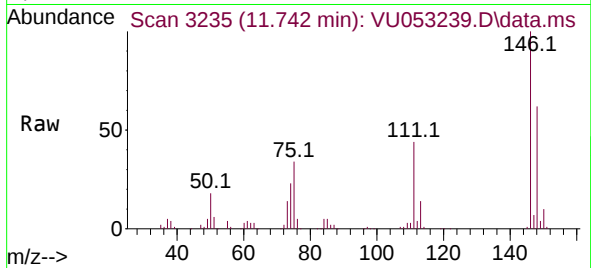




#64
1,3-Dichlorobenzene
Concen: 47.151 ug/L
RT: 11.742 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

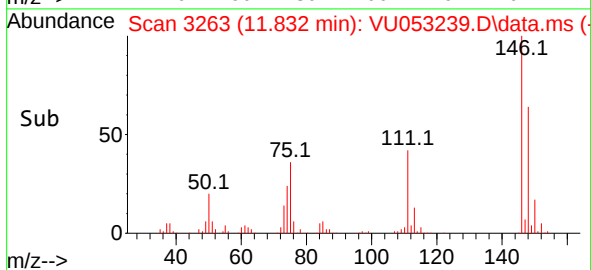
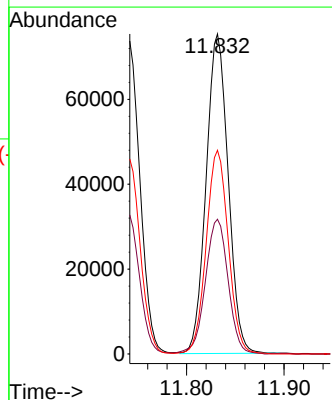
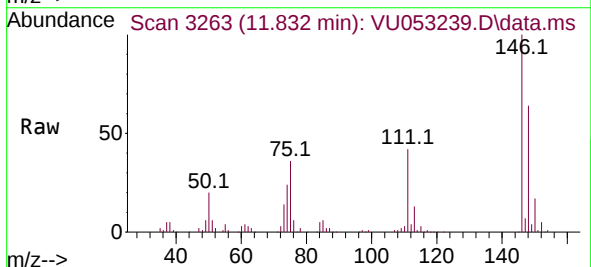
Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

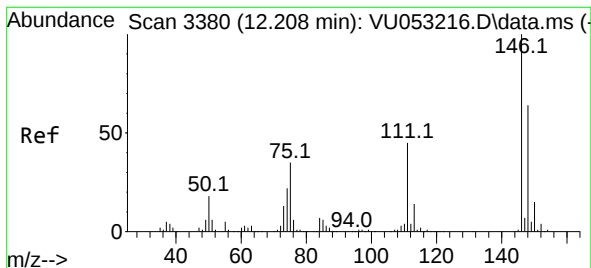
Tgt Ion:146 Resp: 115530
Ion Ratio Lower Upper
146 100
111 44.5 30.2 56.0
148 62.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 48.071 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:146 Resp: 118244
Ion Ratio Lower Upper
146 100
111 42.1 30.7 57.1
148 63.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 48.166 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

EYFG3MSD

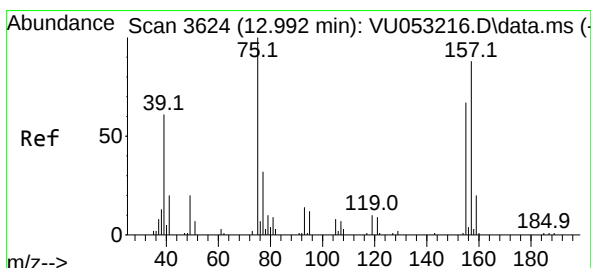
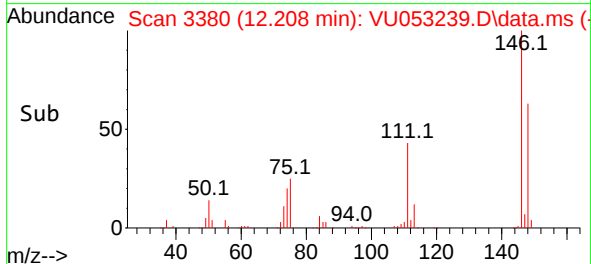
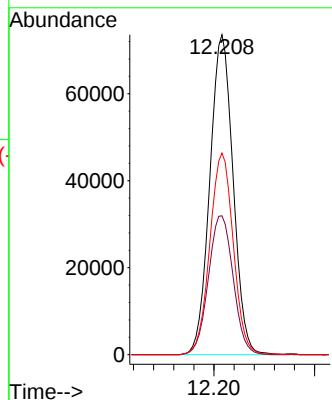
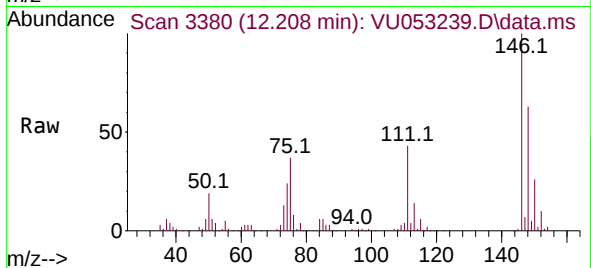
Tgt Ion:146 Resp: 117958

Ion Ratio Lower Upper

146 100

111 43.4 37.0 55.4

148 63.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.754 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU053239.D

Acq: 16 Mar 2023 20:14

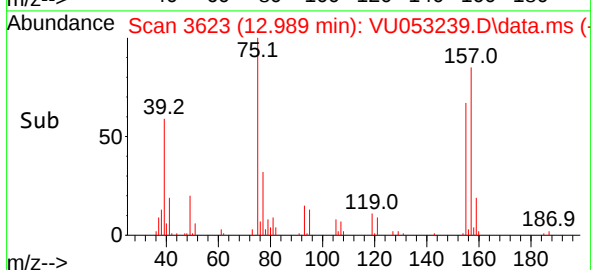
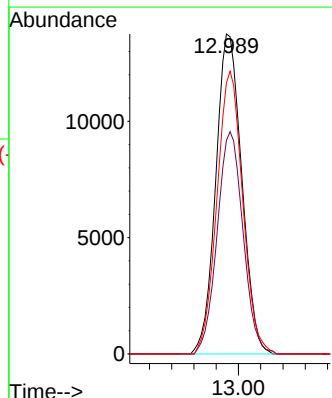
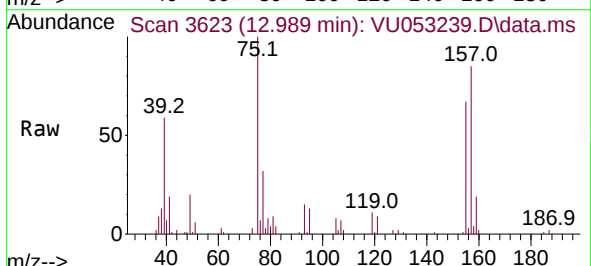
Tgt Ion: 75 Resp: 22247

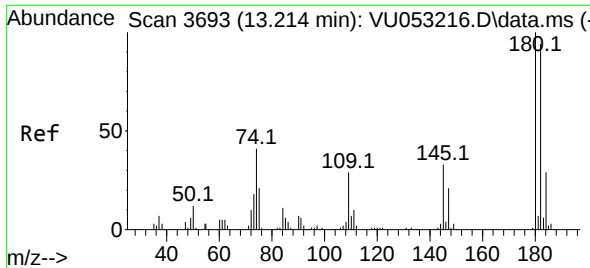
Ion Ratio Lower Upper

75 100

155 66.8 60.2 90.4

157 84.8 73.0 109.4

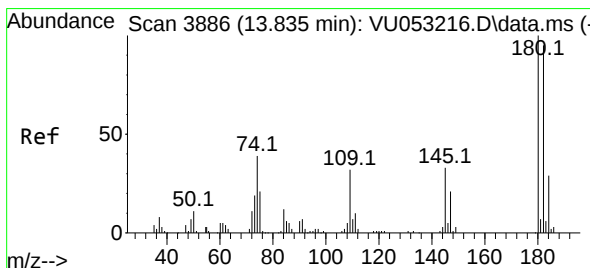
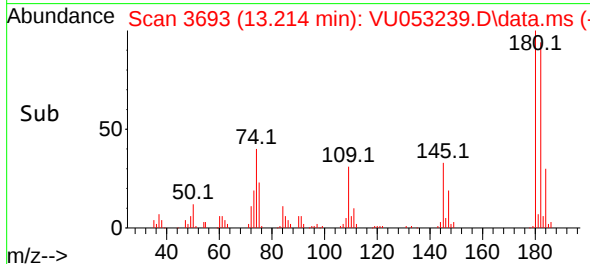
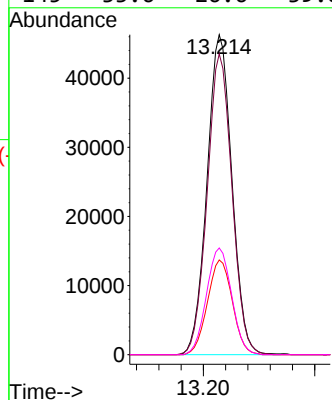
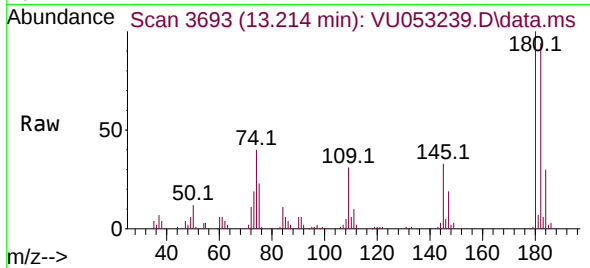




#69
 1,3,5-Trichlorobenzene
 Concen: 46.225 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU053239.D
 Acq: 16 Mar 2023 20:14

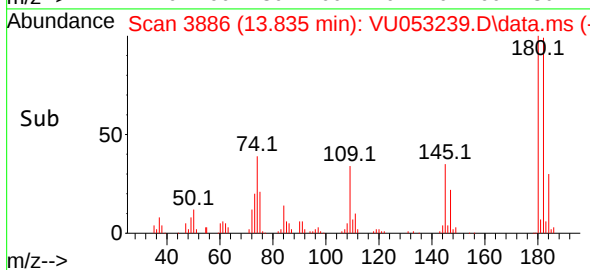
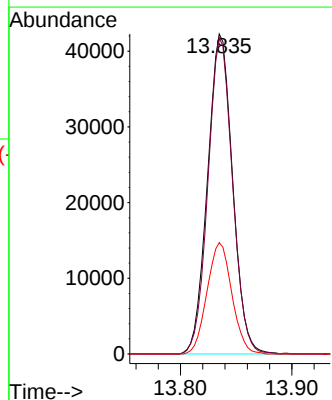
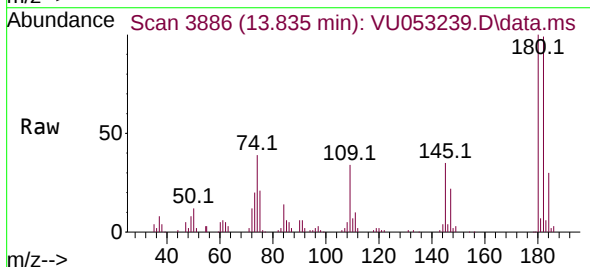
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3MSD

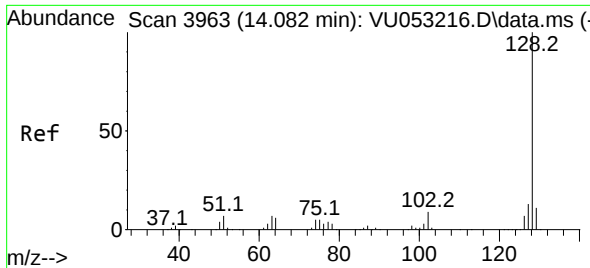
Tgt Ion:180	Resp:	71809
Ion Ratio	Lower	Upper
180	100	
182	93.4	74.5 111.7
184	29.6	23.2 34.8
145	33.6	26.6 39.8



#70
 1,2,4-trichlorobenzene
 Concen: 47.368 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU053239.D
 Acq: 16 Mar 2023 20:14

Tgt Ion:180	Resp:	66117
Ion Ratio	Lower	Upper
180	100	
182	96.5	75.8 113.8
145	34.4	27.2 40.8

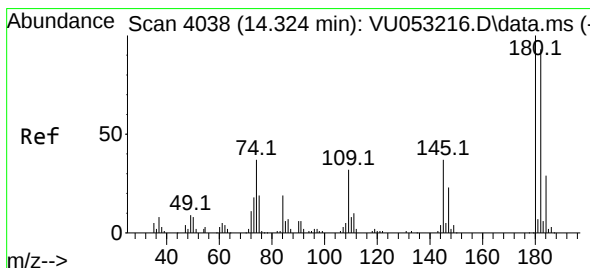
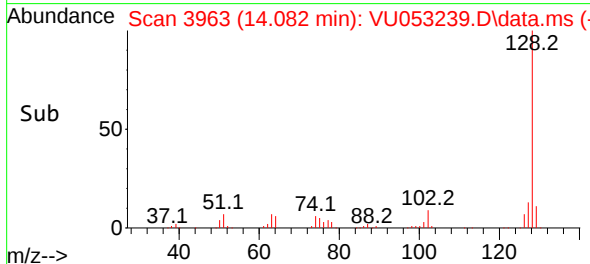
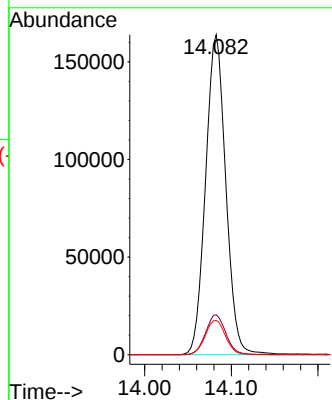
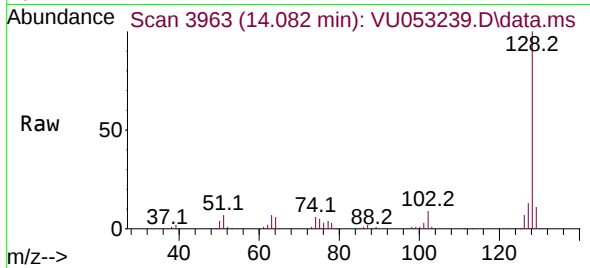




#71
Naphthalene
Concen: 56.424 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
EYFG3MSD

Tgt Ion:128 Resp: 265458
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.360 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU053239.D
Acq: 16 Mar 2023 20:14

Tgt Ion:180 Resp: 67985
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
145 36.8 28.6 42.8

