

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053218.D
 Acq On : 16 Mar 2023 11:39
 Operator : JC/MD
 Sample : 01929-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

Quant Time: Mar 17 02:40:26 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)

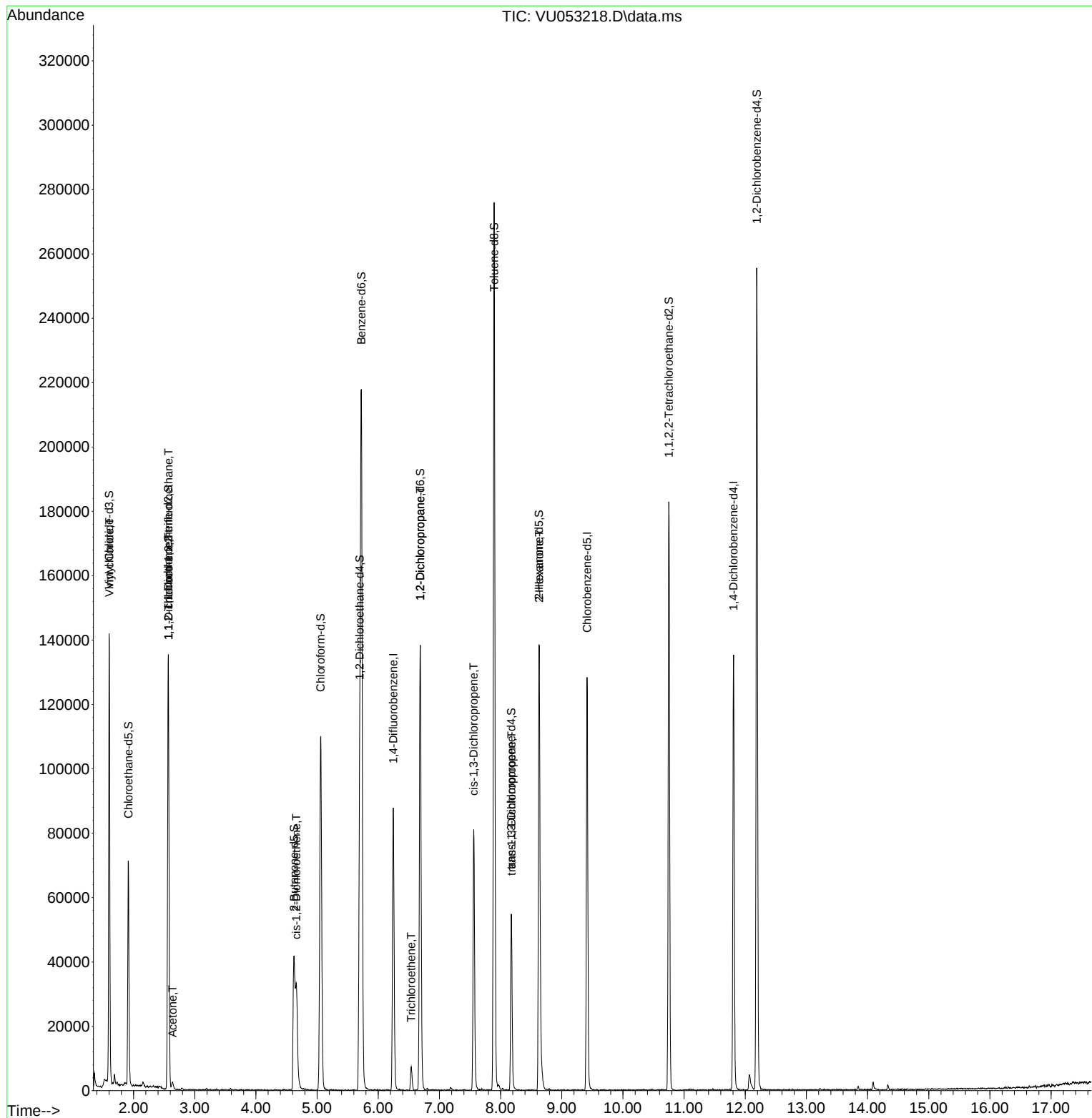
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	70520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	68563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	34210	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58636	90.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 180.260%#			
7) Chloroethane-d5	1.915	69	49983	94.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 189.960%#			
11) 1,1-Dichloroethene-d2	2.568	63	79542	70.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 141.160%#			
21) 2-Butanone-d5	4.623	46	64086	212.385	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 212.380%#			
24) Chloroform-d	5.060	84	98611	92.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 184.060%#			
26) 1,2-Dichloroethane-d4	5.697	65	64213	96.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 192.980%#			
32) Benzene-d6	5.722	84	209456	94.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 188.380%#			
36) 1,2-Dichloropropane-d6	6.687	67	67775	94.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 188.860%#			
41) Toluene-d8	7.893	98	190173	91.849	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 183.700%#			
43) trans-1,3-Dichloroprop...	8.176	79	32247	91.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 182.120%#			
47) 2-Hexanone-d5	8.629	63	51738	230.569	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 230.570%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93060	100.088	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 200.180%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	61570	92.950	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 185.900%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	45578	61.429	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	771	1.377	ug/L #	22
12) 1,1-Dichloroethene	2.571	96	877	1.693	ug/L #	1
13) Acetone	2.639	43	3211	9.343	ug/L	87
20) cis-1,2-Dichloroethene	4.661	96	13647	22.111	ug/L	90
34) Trichloroethene	6.539	95	2799	4.516	ug/L	96
37) 1,2-Dichloropropane	6.687	63	6991	10.542	ug/L #	90
39) cis-1,3-Dichloropropene	7.558	75	1906	1.749	ug/L #	58
44) trans-1,3-Dichloropropene	8.179	75	1460	1.466	ug/L	94
48) 2-Hexanone	8.632	43	5638	9.877	ug/L #	50

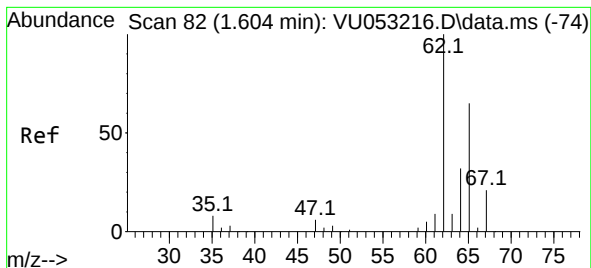
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 61.429 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053218.D

Acq: 16 Mar 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

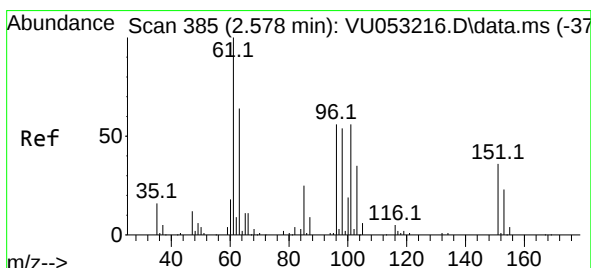
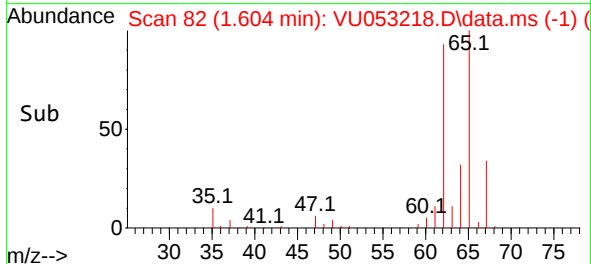
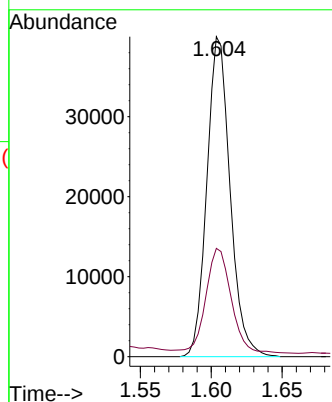
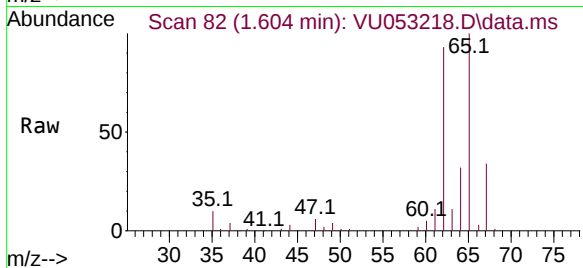
EYFF1

Tgt Ion: 62 Resp: 45578

Ion Ratio Lower Upper

62 100

64 33.9 23.2 43.0



#10

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

Concen: 1.377 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.007 min

Lab File: VU053218.D

Acq: 16 Mar 2023 11:39

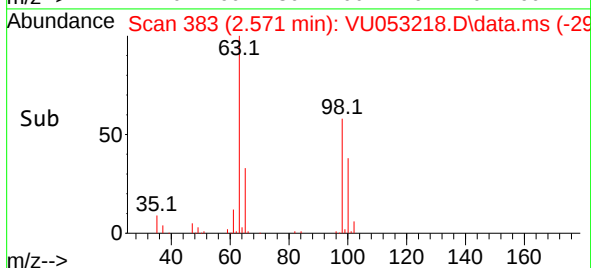
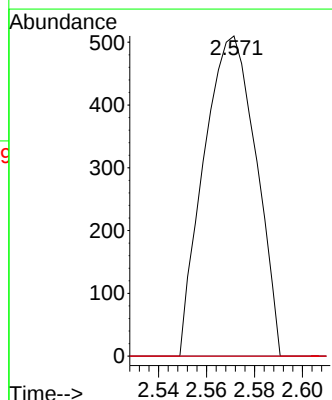
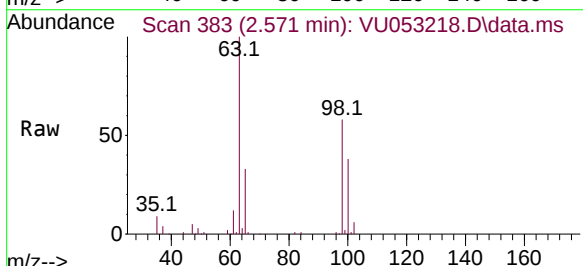
Tgt Ion: 101 Resp: 771

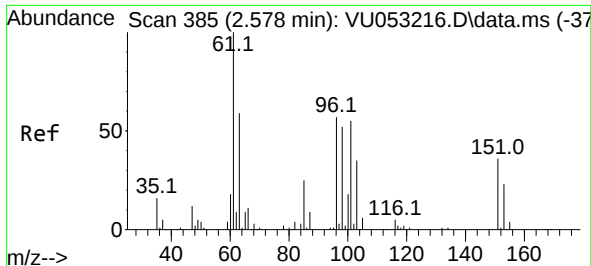
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 52.9 79.3#





#12

1,1-Dichloroethene

Concen: 1.693 ug/L

RT: 2.571 min Scan# 385

Delta R.T. -0.007 min

Lab File: VU053218.D

Acq: 16 Mar 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

EYFF1

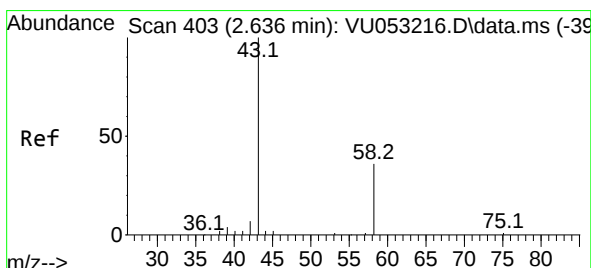
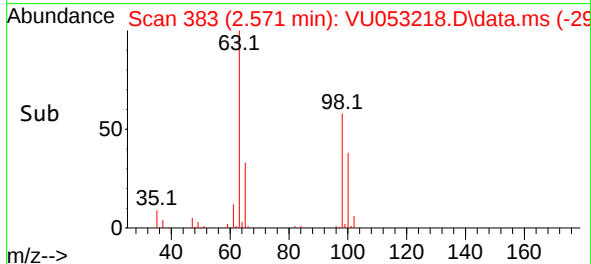
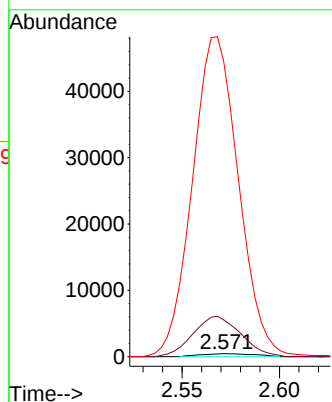
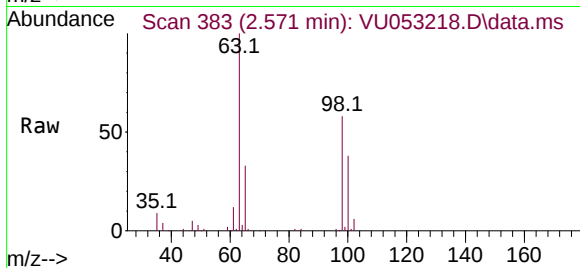
Tgt Ion: 96 Resp: 877

Ion Ratio Lower Upper

96 100

61 1234.7 122.2 226.9#

63 9904.7 89.9 166.9#



#13

Acetone

Concen: 9.343 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.003 min

Lab File: VU053218.D

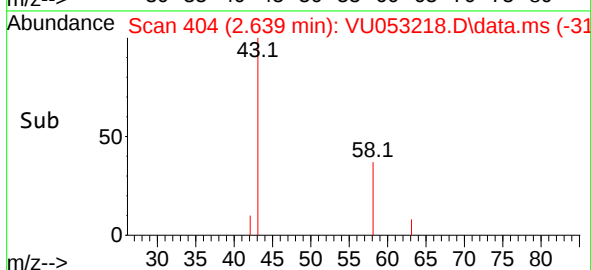
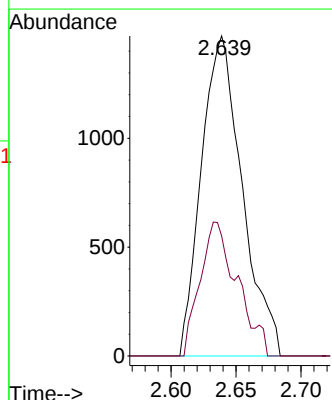
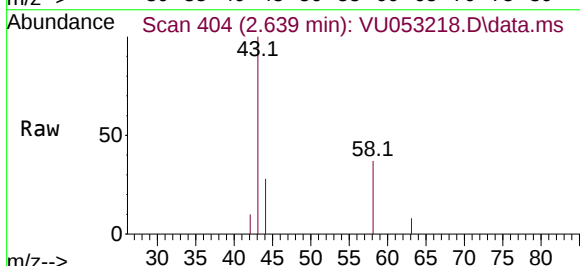
Acq: 16 Mar 2023 11:39

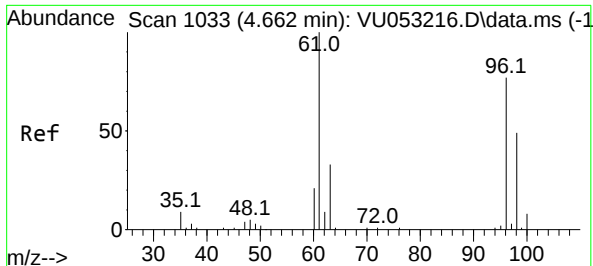
Tgt Ion: 43 Resp: 3211

Ion Ratio Lower Upper

43 100

58 29.7 0.0 75.0





#20

cis-1,2-Dichloroethene

Concen: 22.111 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU053218.D

Acq: 16 Mar 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

EYFF1

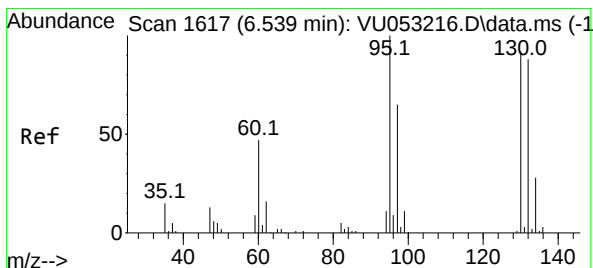
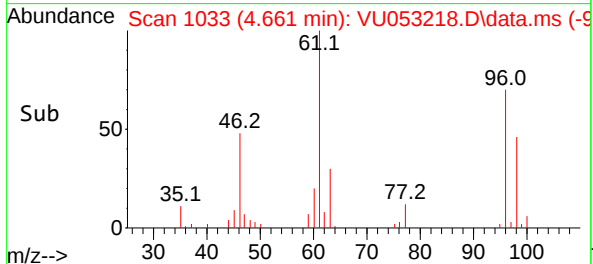
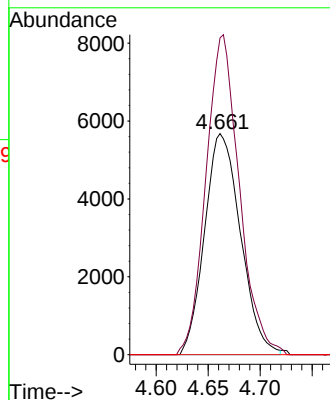
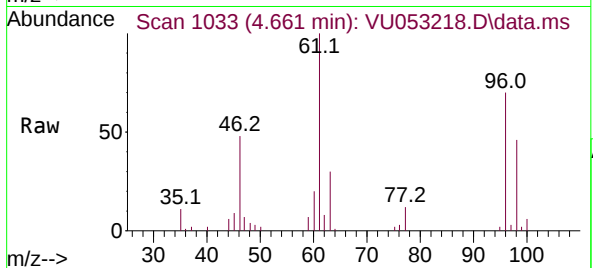
Tgt Ion: 96 Resp: 13647

Ion Ratio Lower Upper

96 100

61 143.3 92.5 171.7

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.516 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU053218.D

Acq: 16 Mar 2023 11:39

Tgt Ion: 95 Resp: 2799

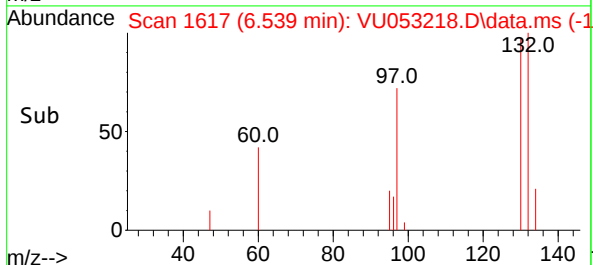
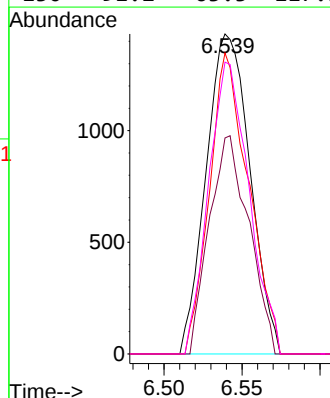
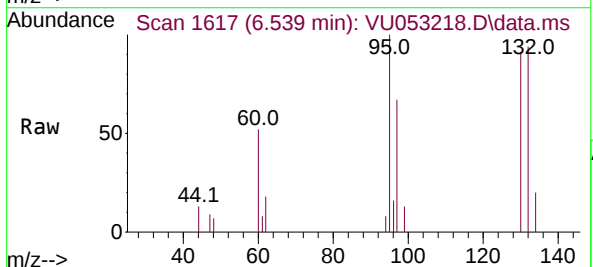
Ion Ratio Lower Upper

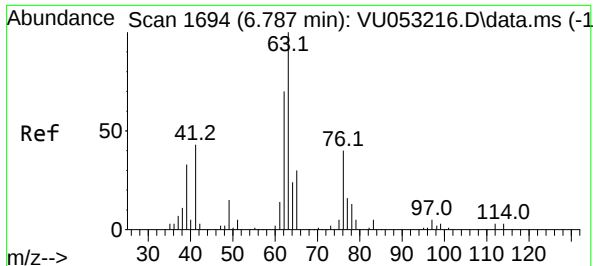
95 100

97 67.5 43.8 81.3

132 94.1 61.5 114.3

130 91.2 63.3 117.5





#37

1,2-Dichloropropane

Concen: 10.542 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053218.D

Acq: 16 Mar 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

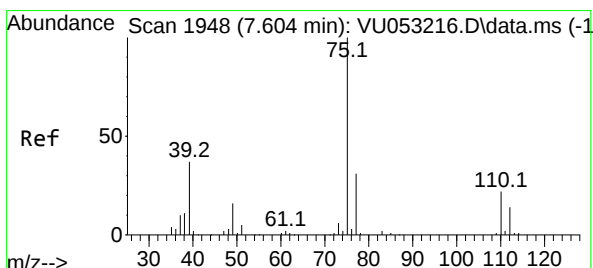
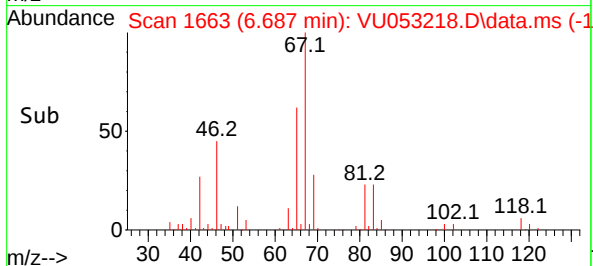
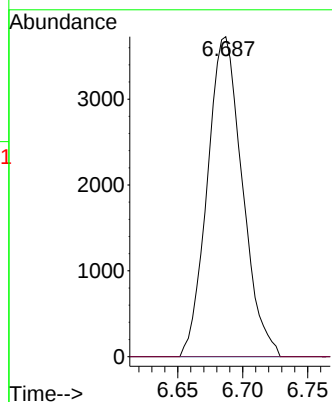
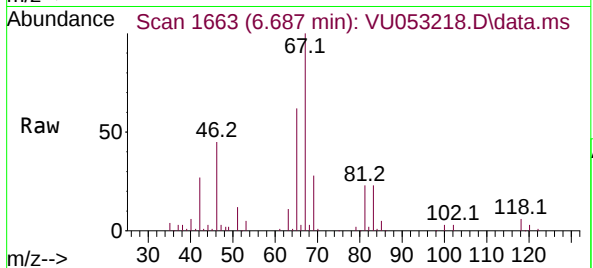
EYFF1

Tgt Ion: 63 Resp: 6991

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#39

cis-1,3-Dichloropropene

Concen: 1.749 ug/L

RT: 7.558 min Scan# 1934

Delta R.T. -0.045 min

Lab File: VU053218.D

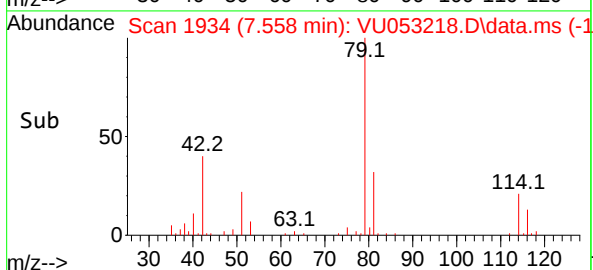
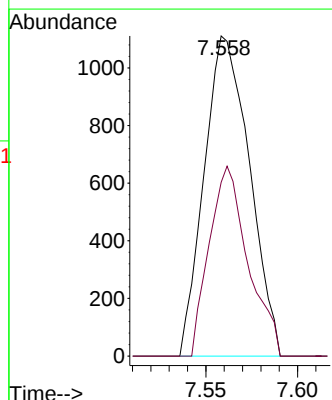
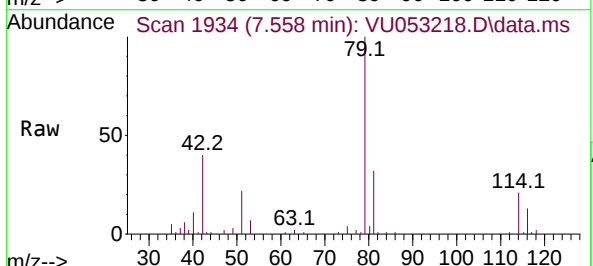
Acq: 16 Mar 2023 11:39

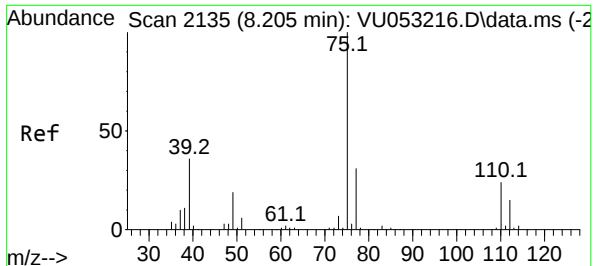
Tgt Ion: 75 Resp: 1906

Ion Ratio Lower Upper

75 100

77 54.3 21.9 40.7#

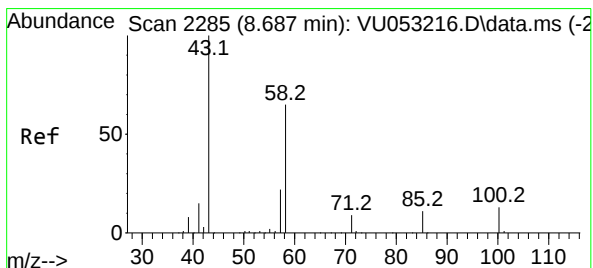
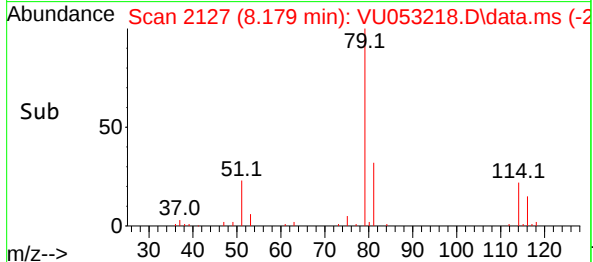
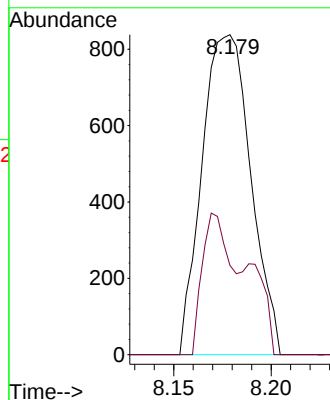
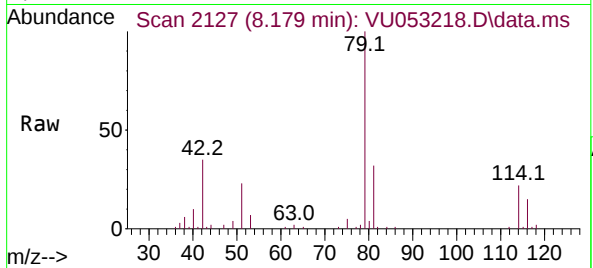




#44
trans-1,3-Dichloropropene
Concen: 1.466 ug/L
RT: 8.179 min Scan# 2135
Delta R.T. -0.026 min
Lab File: VU053218.D
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Instrument :
MSVOA_U
ClientSampleId :
EYFF1

Tgt Ion: 75 Resp: 1460
Ion Ratio Lower Upper
75 100
77 27.9 22.0 40.8



#48
2-Hexanone
Concen: 9.877 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.055 min
Lab File: VU053218.D
Acq: 16 Mar 2023 11:39

Tgt Ion: 43 Resp: 5638
Ion Ratio Lower Upper
43 100
58 12.5 49.4 74.0#
57 29.4 16.9 25.3#
100 0.0 9.8 14.8#

