

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052218.D
 Acq On : 08 Dec 2022 00:24
 Operator : JC/MD
 Sample : N5916-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N30

Quant Time: Dec 08 04:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

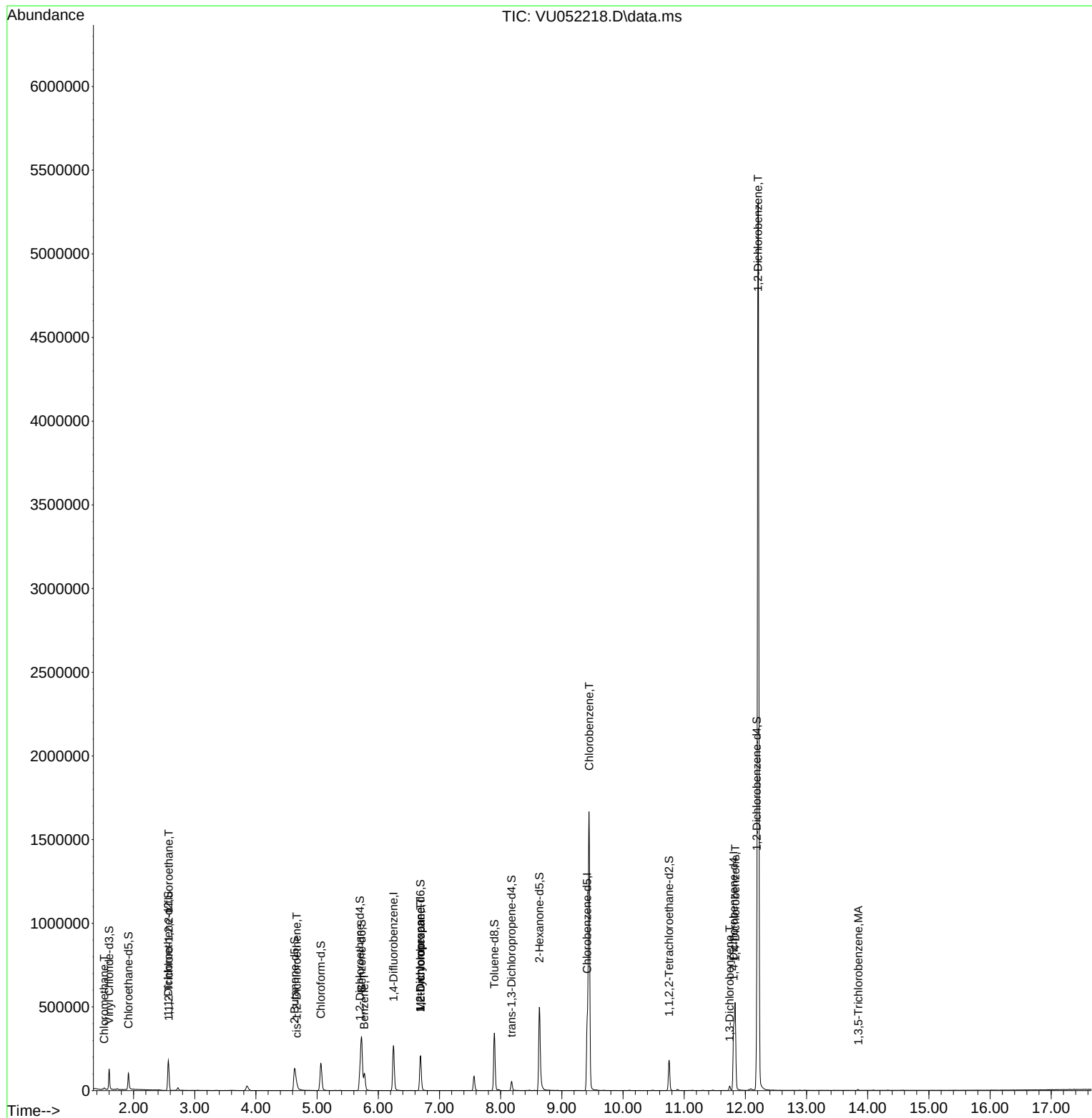
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	228009	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	100507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88640	3.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.916	69	77936	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.568	65	33539	4.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.633	46	229111	56.991	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.980%
24) Chloroform-d	5.060	84	156396	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.700	65	82042	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	318965	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	105119	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.896	98	240767	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.179	79	31506	4.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.632	63	174935	53.383	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94378	5.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	103417	5.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
3) Chloromethane	1.520	50	6505	0.252	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1193	0.072	ug/L #	20
22) cis-1,2-Dichloroethene	4.668	96	3449	0.185	ug/L #	77
33) Benzene	5.771	78	100758	1.341	ug/L	100
35) Methylcyclohexane	6.690	83	23535	0.873	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10480	0.539	ug/L #	89
51) Chlorobenzene	9.446	112	933124	18.930	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	10776	0.334	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	208355	6.481	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	2211798	71.250	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	2087	0.091	ug/L	97

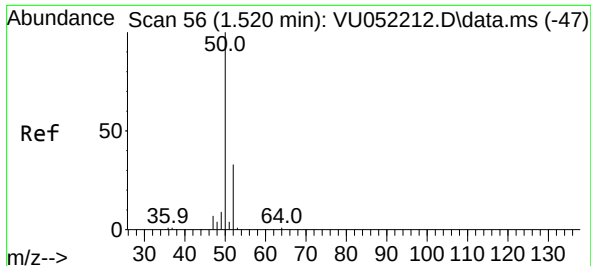
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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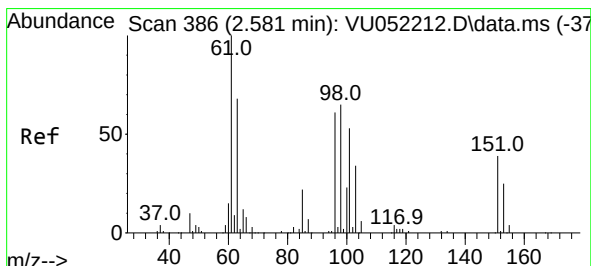
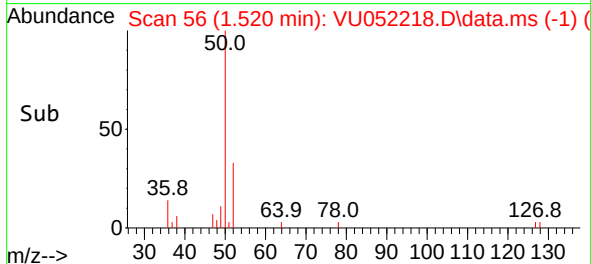
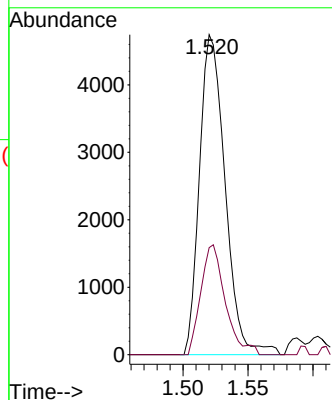
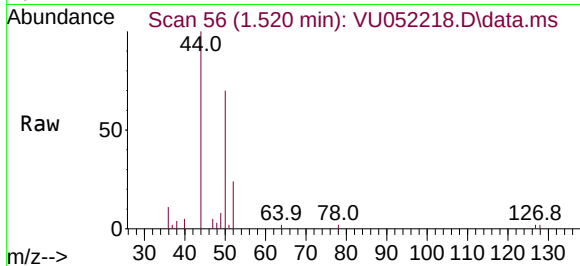




#3
Chloromethane
Concen: 0.252 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

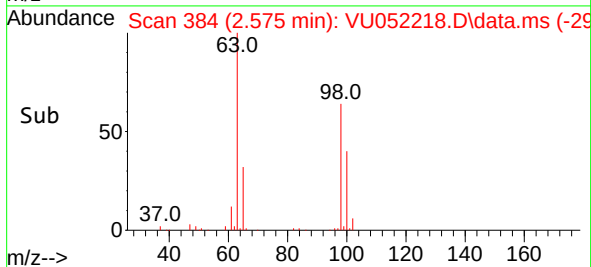
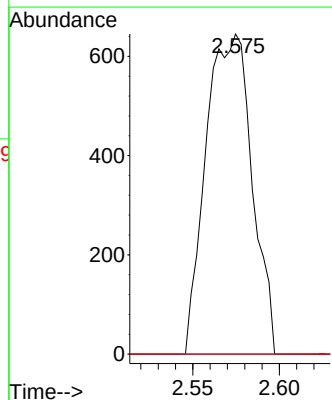
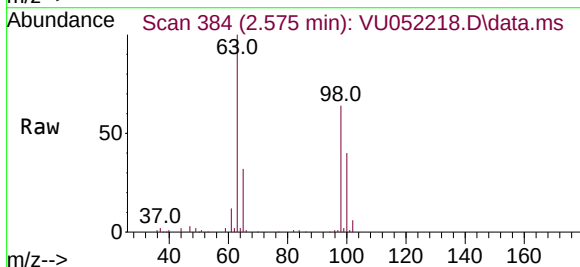
Instrument :
MSVOA_U
ClientSampleId :
F5N30

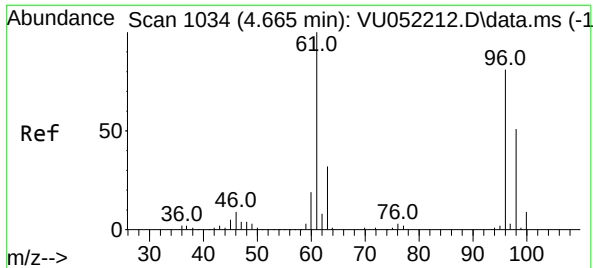
Tgt Ion: 50 Resp: 6505
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

Tgt Ion: 101 Resp: 1193
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

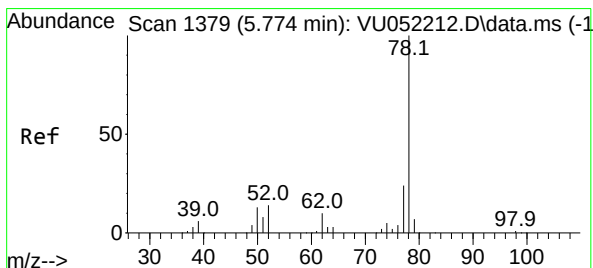
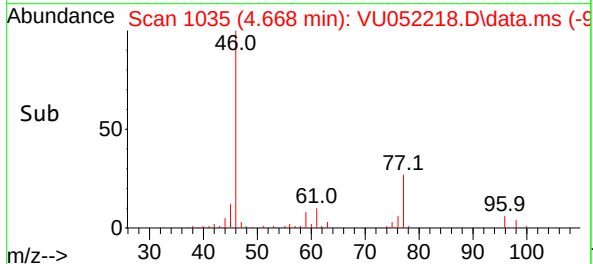
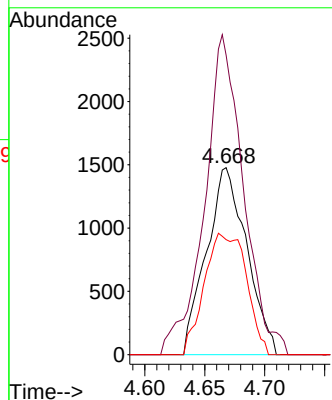
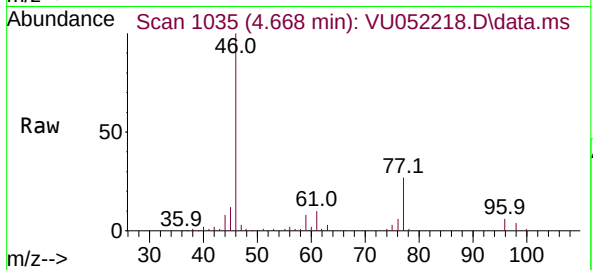




#22
 cis-1,2-Dichloroethene
 Concen: 0.185 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU052218.D
 Acq: 08 Dec 2022 00:24

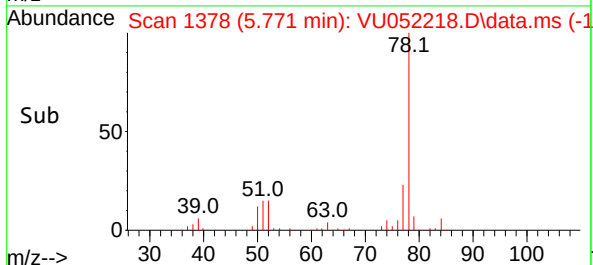
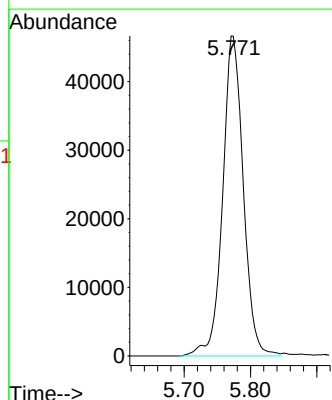
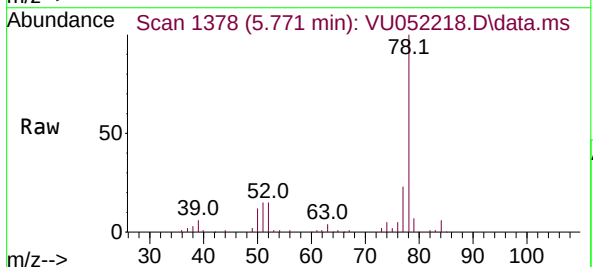
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N30

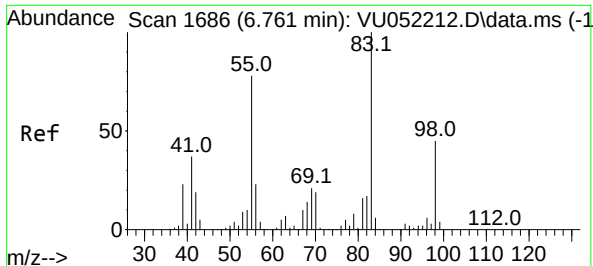
Tgt Ion: 96 Resp: 3449
 Ion Ratio Lower Upper
 96 100
 61 160.1 85.1 158.1#
 98 61.5 42.8 79.6



#33
 Benzene
 Concen: 1.341 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.003 min
 Lab File: VU052218.D
 Acq: 08 Dec 2022 00:24

Tgt Ion: 78 Resp: 100758

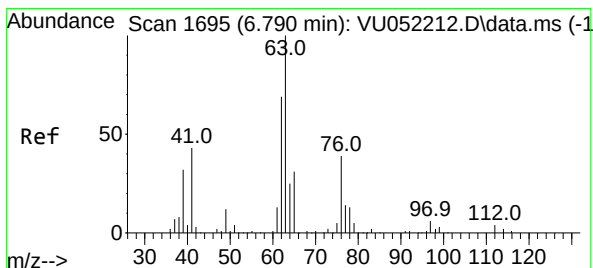
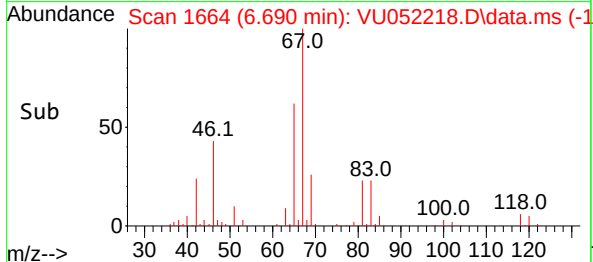
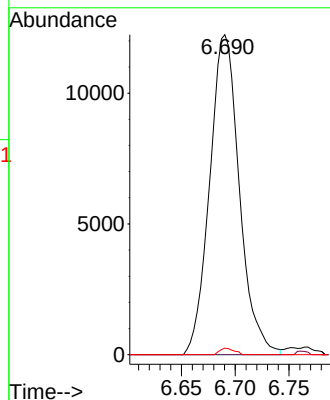
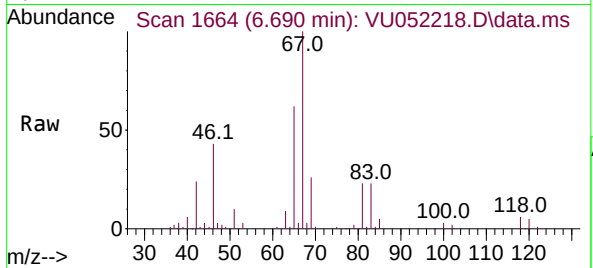




#35
Methylcyclohexane
Concen: 0.873 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

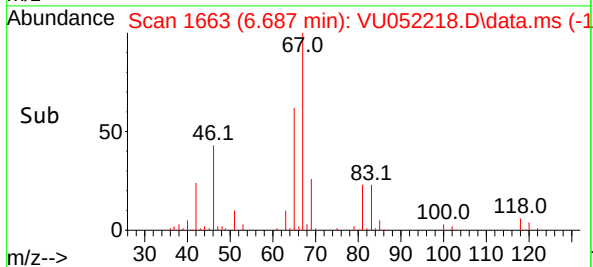
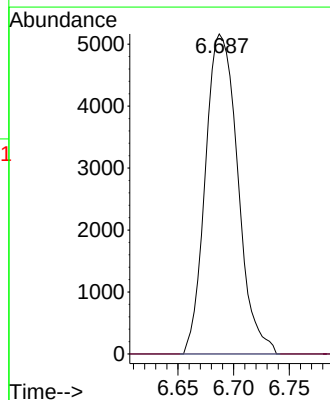
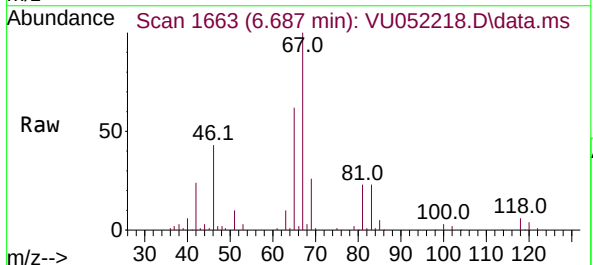
Instrument :
MSVOA_U
ClientSampleId :
F5N30

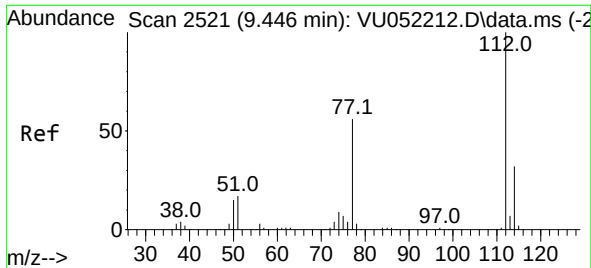
Tgt Ion: 83 Resp: 23535
Ion Ratio Lower Upper
83 100
55 0.4 60.8 91.2#
98 1.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

Tgt Ion: 63 Resp: 10480
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#

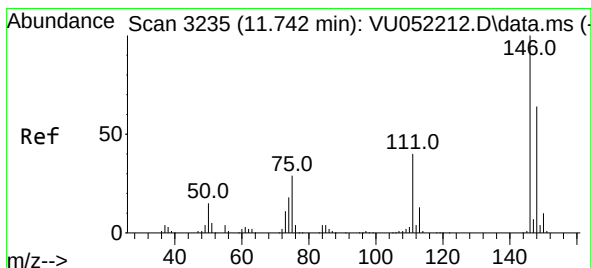
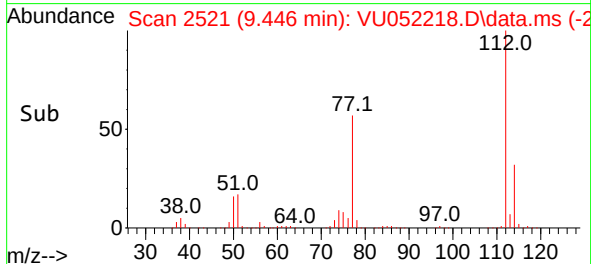
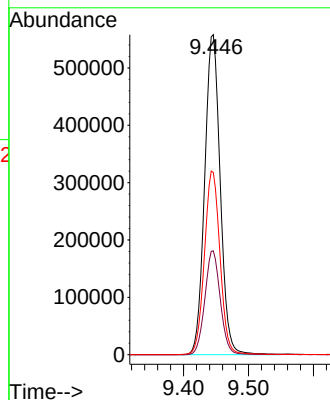
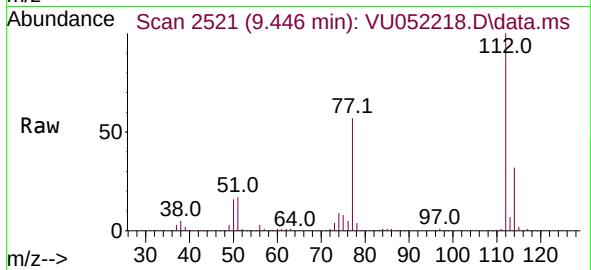




#51
Chlorobenzene
Concen: 18.930 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

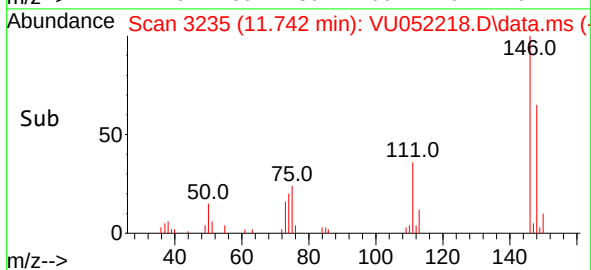
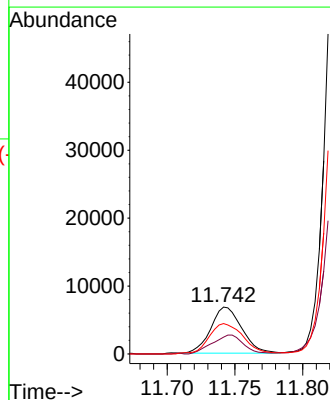
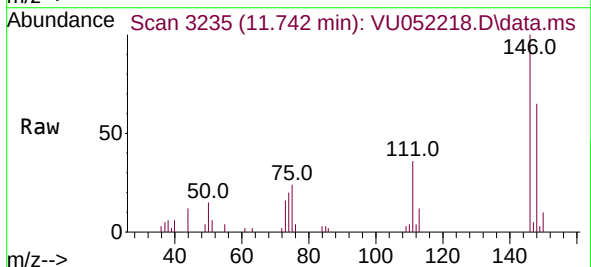
Instrument :
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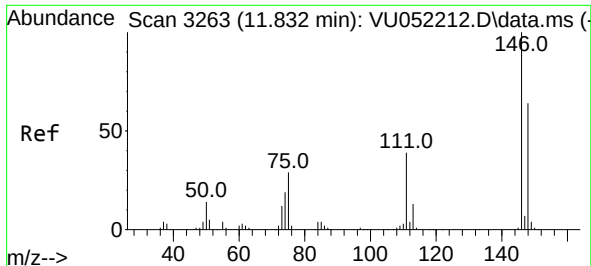
Tgt Ion:112 Resp: 933124
Ion Ratio Lower Upper
112 100
114 32.5 22.2 41.2
77 56.9 46.6 70.0



#64
1,3-Dichlorobenzene
Concen: 0.334 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

Tgt Ion:146 Resp: 10776
Ion Ratio Lower Upper
146 100
111 36.0 28.6 53.2
148 64.9 45.4 84.2

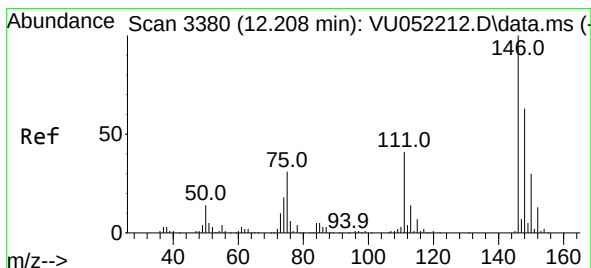
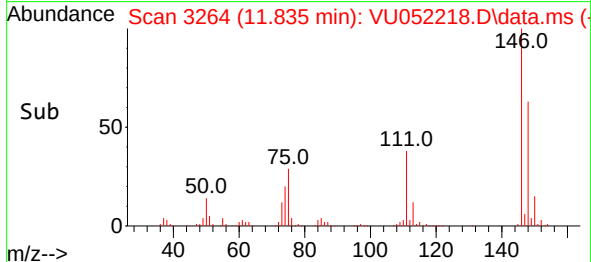
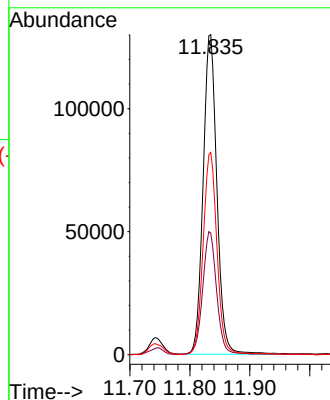
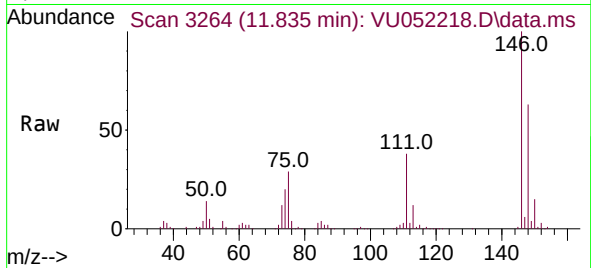




#65
1,4-Dichlorobenzene
Concen: 6.481 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

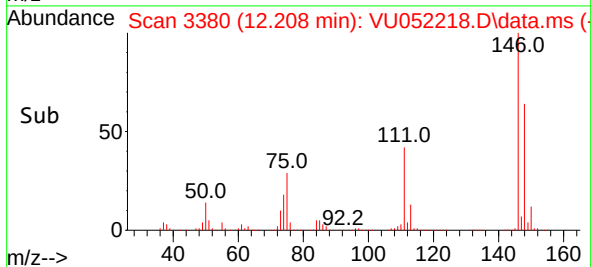
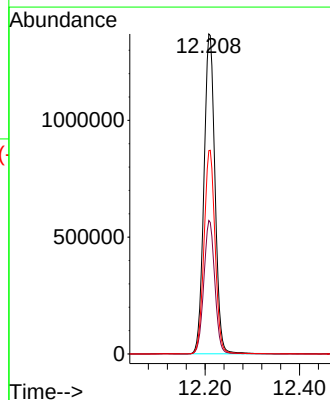
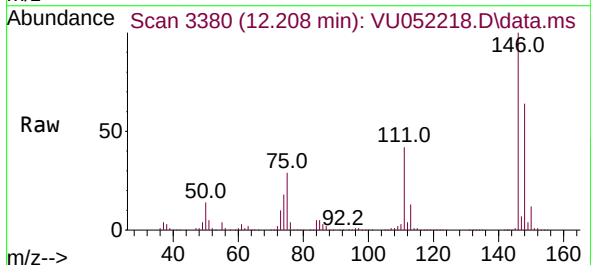
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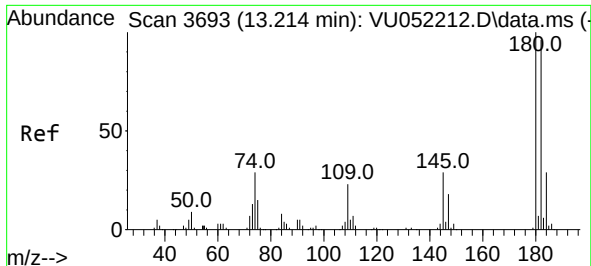
Tgt Ion:146 Resp: 208355
Ion Ratio Lower Upper
146 100
111 38.0 26.9 50.1
148 63.2 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 71.250 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052218.D
Acq: 08 Dec 2022 00:24

Tgt Ion:146 Resp: 2211798
Ion Ratio Lower Upper
146 100
111 41.7 32.7 49.1
148 63.6 50.6 75.8





#69

1,3,5-Trichlorobenzene

Concen: 0.091 ug/L

RT: 13.844 min Scan# 31

Delta R.T. 0.630 min

Lab File: VU052218.D

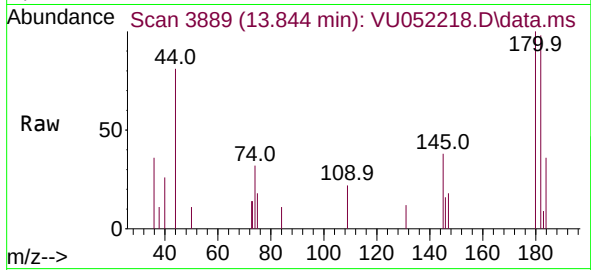
Acq: 08 Dec 2022 00:24

Instrument :

MSVOA_U

ClientSampleId :

F5N30



Tgt Ion:180 Resp: 2087

Ion Ratio Lower Upper

180 100

182 93.4 75.7 113.5

184 28.7 24.3 36.5

145 34.0 23.6 35.4

