

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053213.D
 Acq On : 15 Mar 2023 20:11
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK112

Quant Time: Mar 16 04:04:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

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

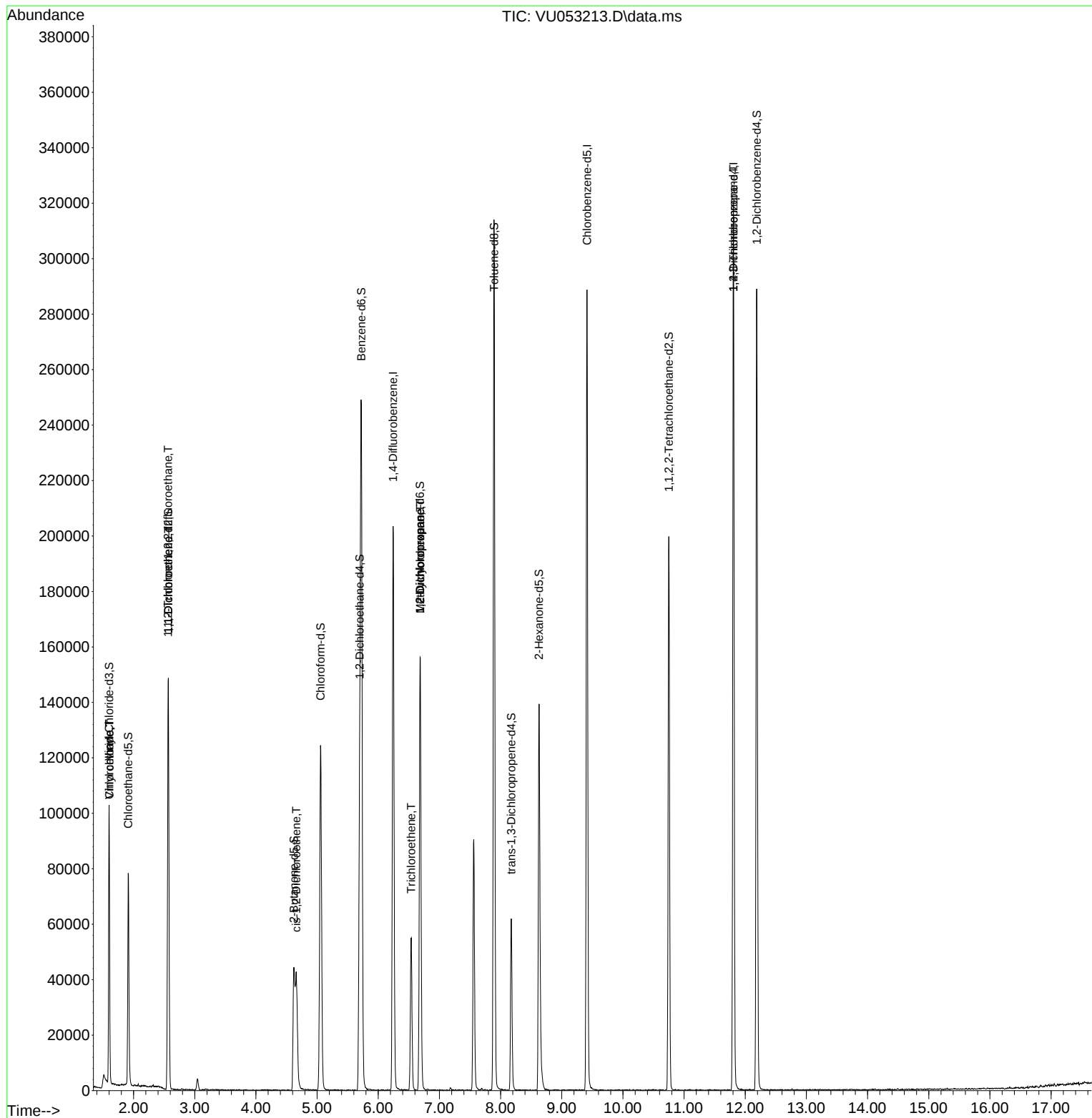
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	163533	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	157693	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	81149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65886	43.671	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.340%		
7) Chloroethane-d5	1.912	69	55117	45.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.340%		
11) 1,1-Dichloroethene-d2	2.568	63	87407	33.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.880%		
21) 2-Butanone-d5	4.620	46	64648	92.389	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.390%		
24) Chloroform-d	5.057	84	109717	44.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.300%		
26) 1,2-Dichloroethane-d4	5.697	65	71646	46.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.860%		
32) Benzene-d6	5.723	84	238300	46.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
36) 1,2-Dichloropropane-d6	6.684	67	76834	46.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.080%		
41) Toluene-d8	7.893	98	212060	44.531	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	8.176	79	35570	43.672	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.340%		
47) 2-Hexanone-d5	8.629	63	51278	99.357	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.360%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100749	47.113	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.220%		
66) 1,2-Dichlorobenzene-d4	12.189	152	70398	44.803	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	4843	2.815	ug/L #	34
8) Chloroethane	1.604	64	2915	2.868	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	893	0.688	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	733	0.610	ug/L #	1
20) cis-1,2-Dichloroethene	4.662	96	18624	13.012	ug/L	94
34) Trichloroethene	6.539	95	18444	12.939	ug/L	99
35) Methylcyclohexane	6.687	83	16420	6.571	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	7948	5.211	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	11416	7.080	ug/L #	69

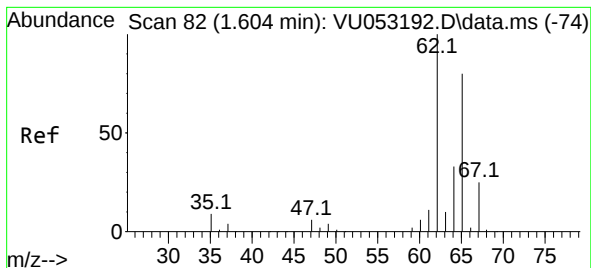
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.815 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU053213.D

Acq: 15 Mar 2023 20:11

Instrument :

MSVOA_U

ClientSampleId :

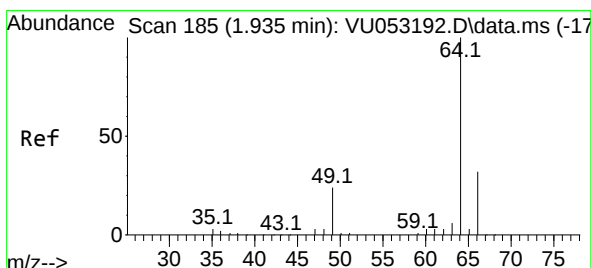
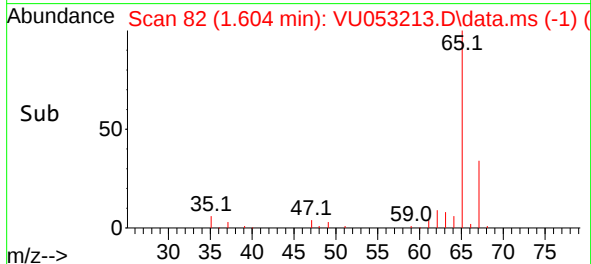
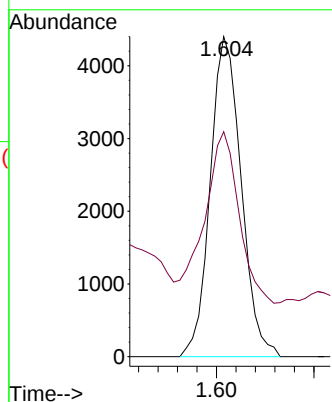
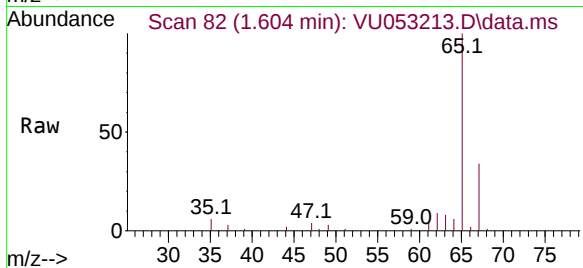
VIBLK112

Tgt Ion: 62 Resp: 4843

Ion Ratio Lower Upper

62 100

64 70.3 23.2 43.0#



#8

Chloroethane

Concen: 2.868 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.331 min

Lab File: VU053213.D

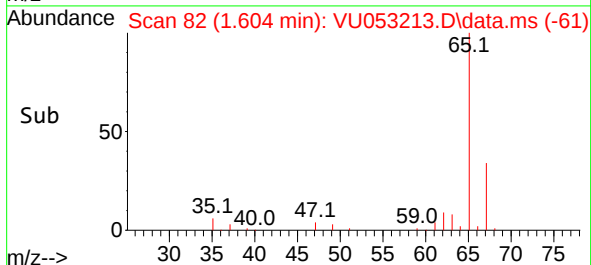
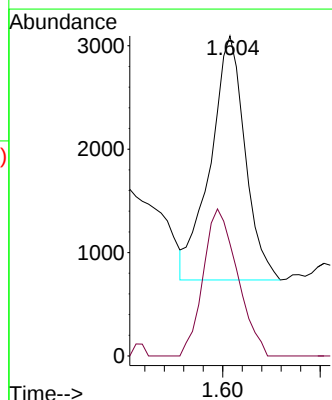
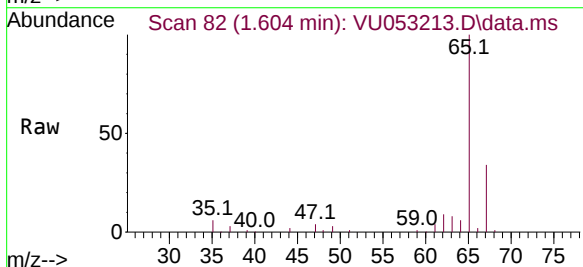
Acq: 15 Mar 2023 20:11

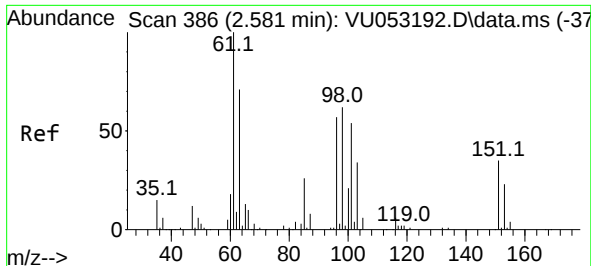
Tgt Ion: 64 Resp: 2915

Ion Ratio Lower Upper

64 100

66 35.0 22.6 42.0

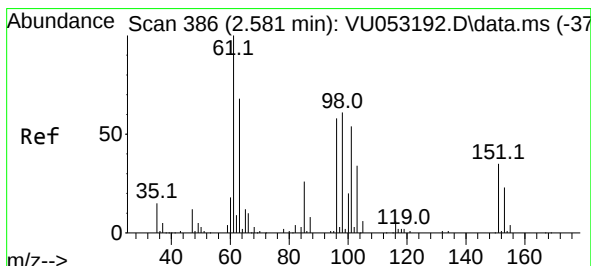
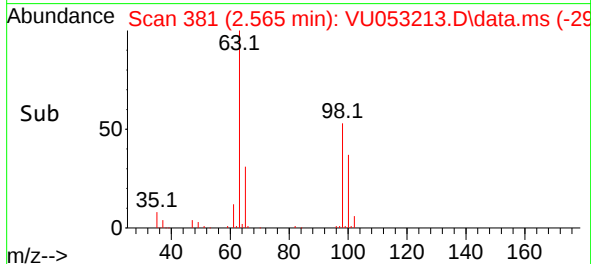
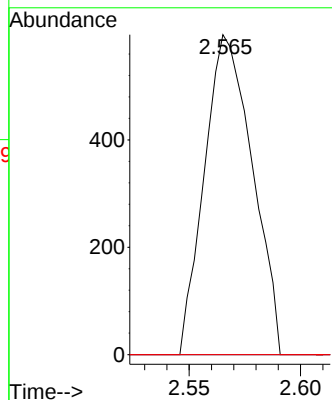
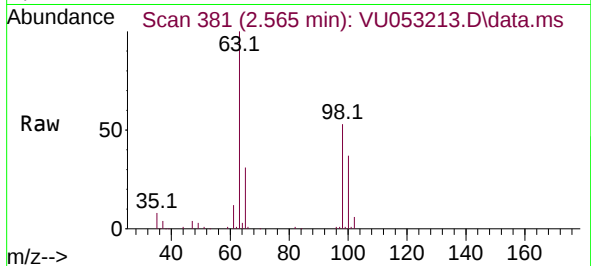




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.688 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU053213.D
 Acq: 15 Mar 2023 20:11

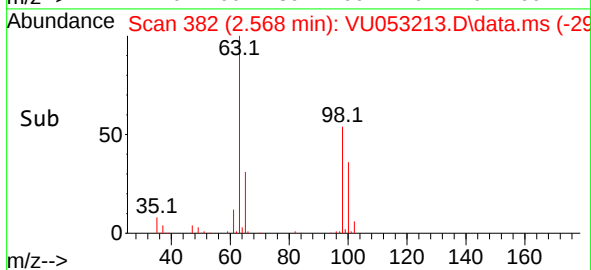
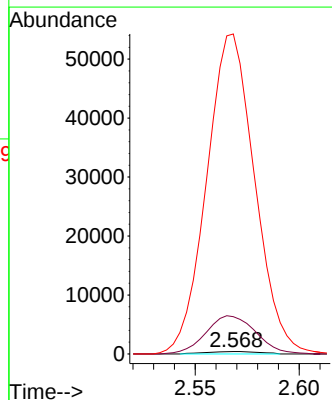
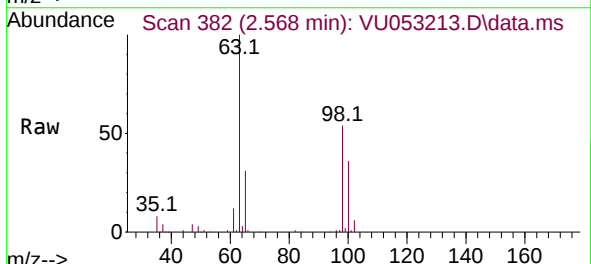
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK112

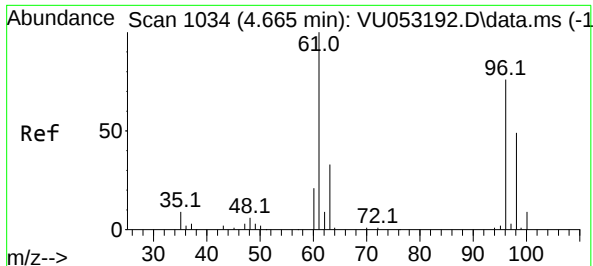
Tgt Ion: 101 Resp: 893
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.0 55.6#
 151 0.0 52.9 79.3#



#12
 1,1-Dichloroethene
 Concen: 0.610 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU053213.D
 Acq: 15 Mar 2023 20:11

Tgt Ion: 96 Resp: 733
 Ion Ratio Lower Upper
 96 100
 61 1572.2 122.2 226.9#
 63 13467.0 89.9 166.9#

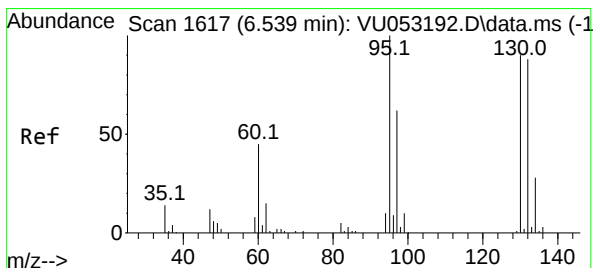
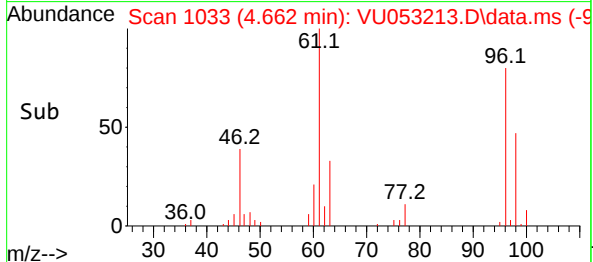
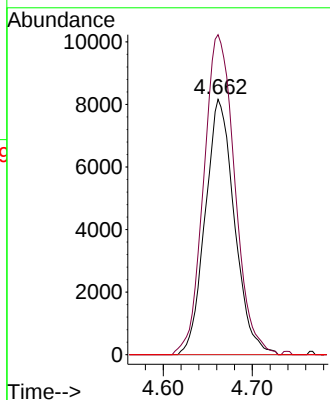
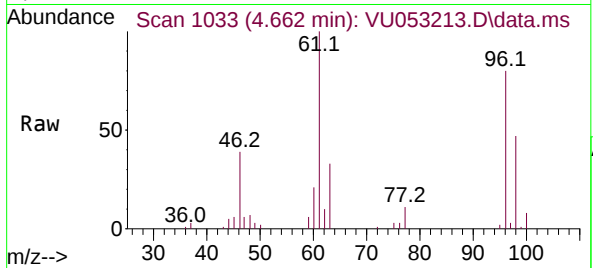




#20
cis-1,2-Dichloroethene
Concen: 13.012 ug/L
RT: 4.662 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU053213.D
Acq: 15 Mar 2023 20:11

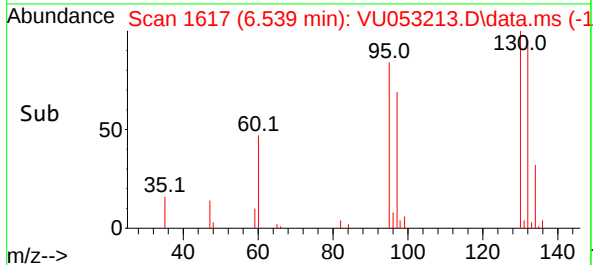
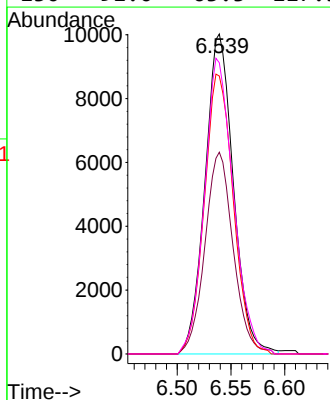
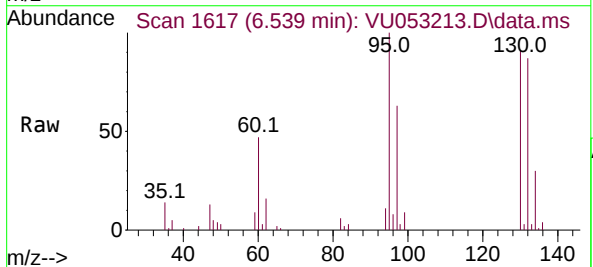
Instrument :
MSVOA_U
ClientSampleId :
VIBLK112

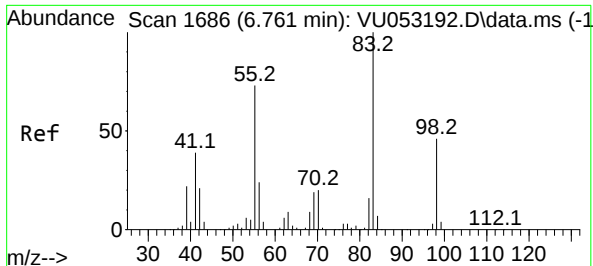
Tgt Ion: 96 Resp: 18624
Ion Ratio Lower Upper
96 100
61 125.3 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 12.939 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053213.D
Acq: 15 Mar 2023 20:11

Tgt Ion: 95 Resp: 18444
Ion Ratio Lower Upper
95 100
97 63.1 43.8 81.3
132 86.9 61.5 114.3
130 91.0 63.3 117.5





#35

Methylcyclohexane

Concen: 6.571 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU053213.D

Acq: 15 Mar 2023 20:11

Instrument :

MSVOA_U

ClientSampleId :

VIBLK112

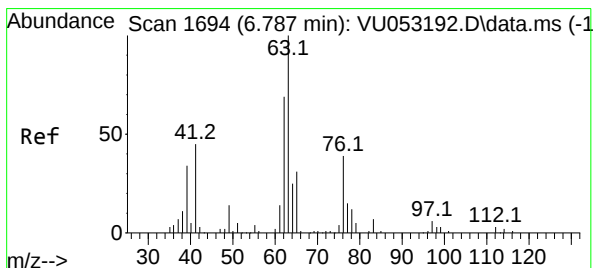
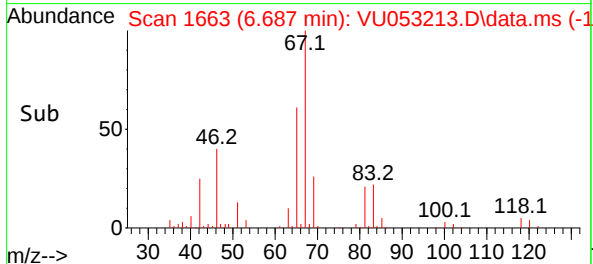
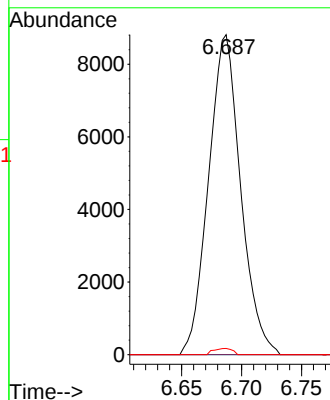
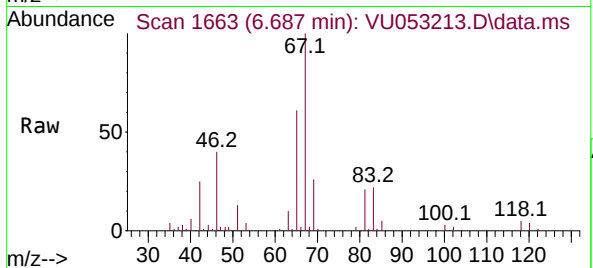
Tgt Ion: 83 Resp: 16420

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 1.1 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.211 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053213.D

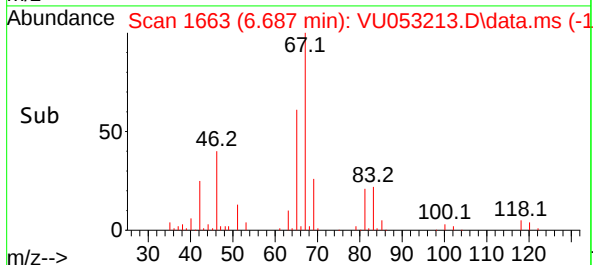
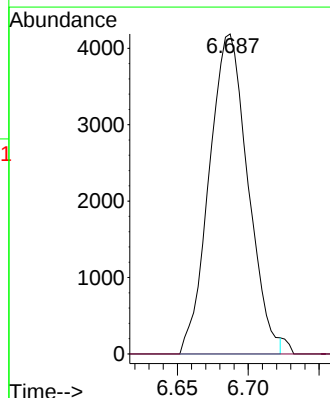
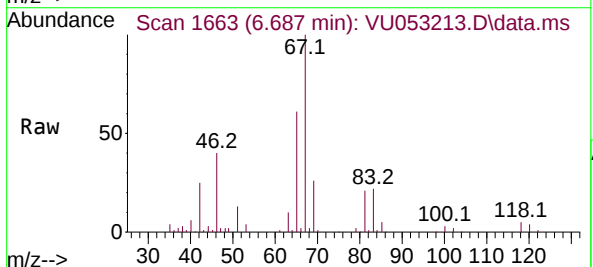
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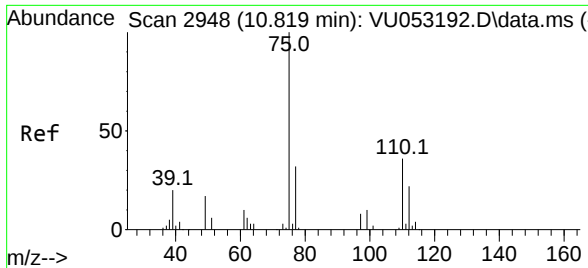
Tgt Ion: 63 Resp: 7948

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.080 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053213.D
 Acq: 15 Mar 2023 20:11

Instrument :
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Tgt Ion: 75 Resp: 11416
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 40.0
 110 1.9 28.6 42.8#

