

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052120.D
 Acq On : 24 Nov 2022 06:08
 Operator : JC/MD
 Sample : N5770-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 07:02:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

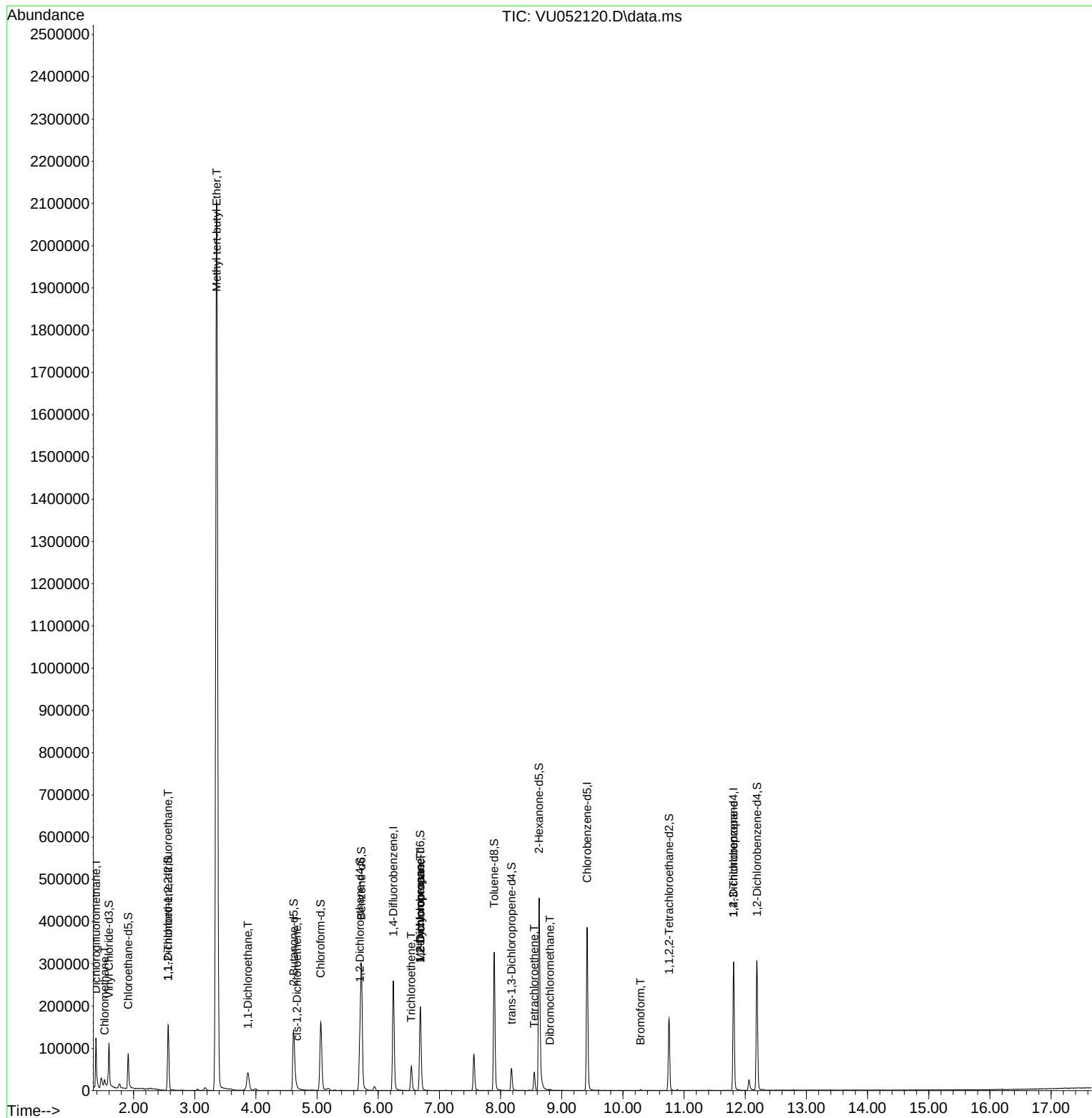
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	215484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	223377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72888	3.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.913	69	68755	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	28593	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.617	46	204779	53.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.800%
24) Chloroform-d	5.060	84	152280	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.700	65	78509	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	295251	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	100055	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	227250	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.179	79	31164	4.167	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.629	63	156108	49.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88628	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	84608	5.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	74425	3.982	ug/L	98
3) Chloromethane	1.527	50	11793	0.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	817	0.052	ug/L #	20
17) Methyl tert-butyl Ether	3.359	73	2341062	66.898	ug/L	100
19) 1,1-Dichloroethane	3.871	63	40491	1.341	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	1026	0.058	ug/L #	77
34) Trichloroethene	6.539	95	20553	1.134	ug/L	97
35) Methylcyclohexane	6.687	83	22980	0.881	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10631	0.565	ug/L #	90
47) Tetrachloroethene	8.549	164	10097	0.727	ug/L	95
49) Dibromochloromethane	8.806	129	887	0.056	ug/L	93
59) Bromoform	10.288	173	964	0.138	ug/L #	64
61) 1,2,3-Trichloropropane	11.809	75	9709	0.999	ug/L #	69

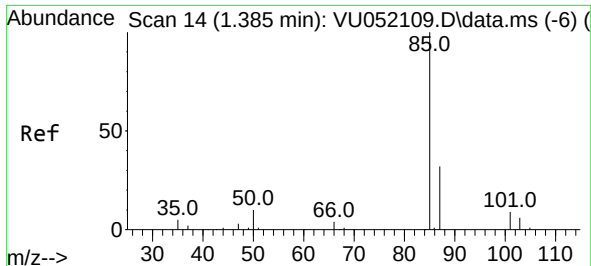
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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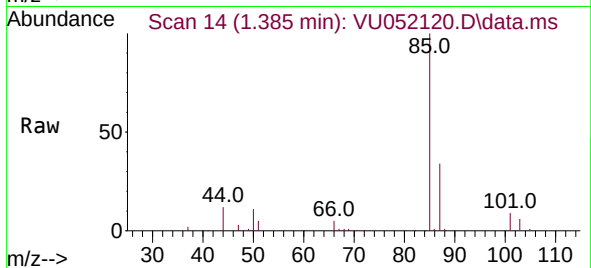
Quant Time: Nov 24 07:02:42 2022
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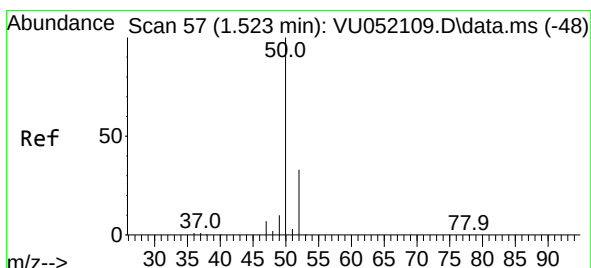
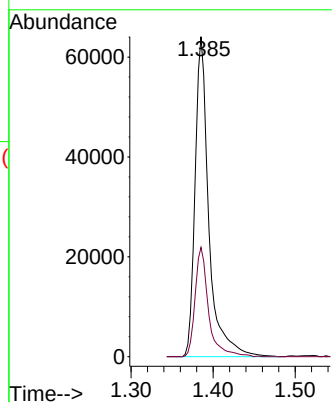
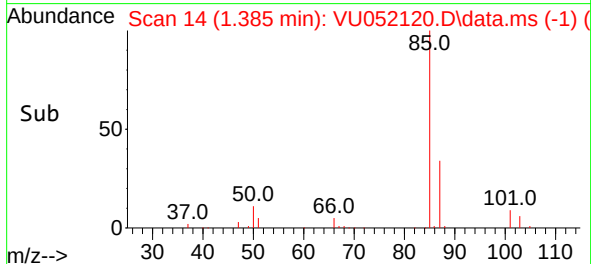


#2
Dichlorodifluoromethane
Concen: 3.982 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Instrument :
MSVOA_U
ClientSampleId :

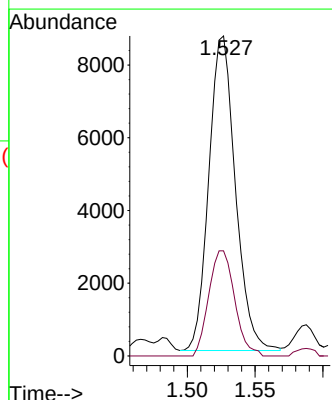
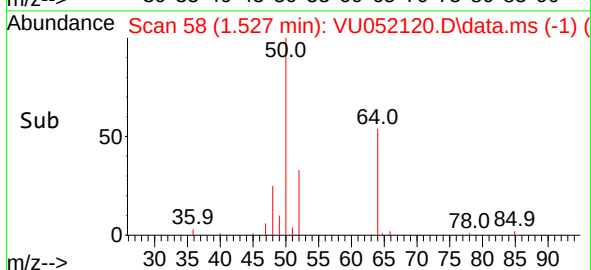
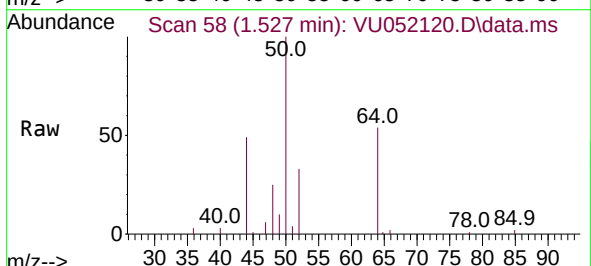


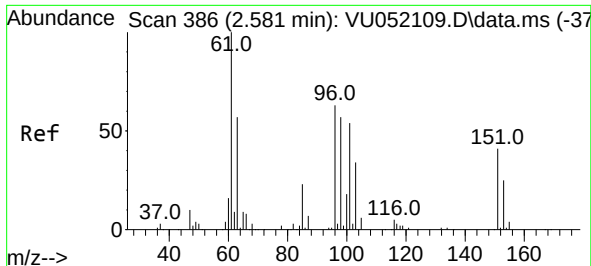
Tgt Ion: 85 Resp: 74425
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.8



#3
Chloromethane
Concen: 0.484 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Tgt Ion: 50 Resp: 11793
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4

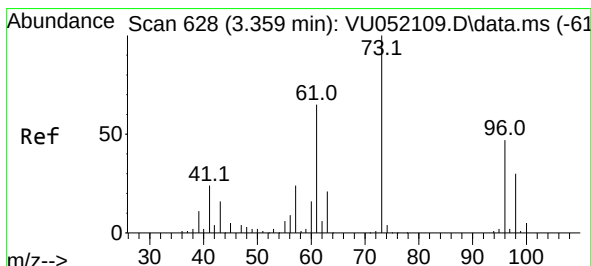
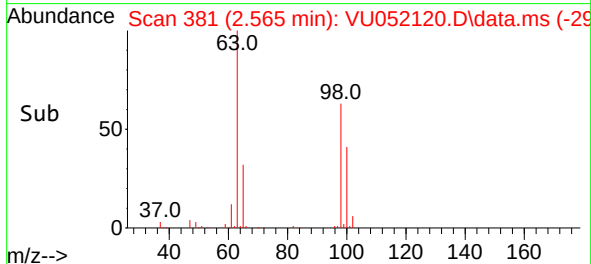
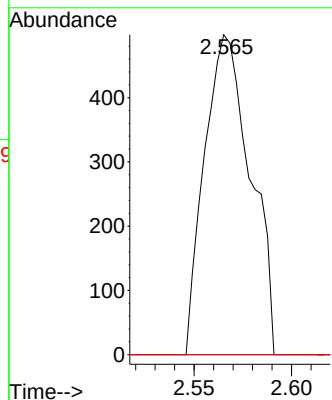
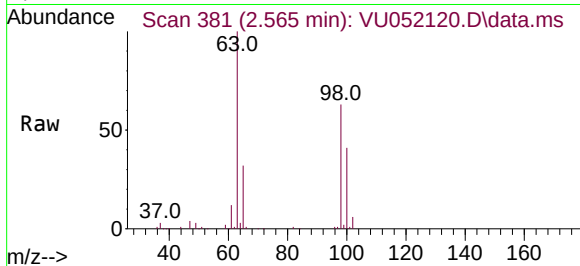




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

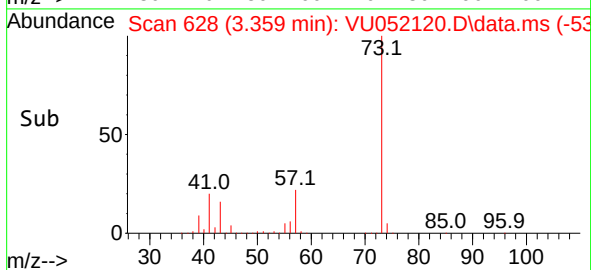
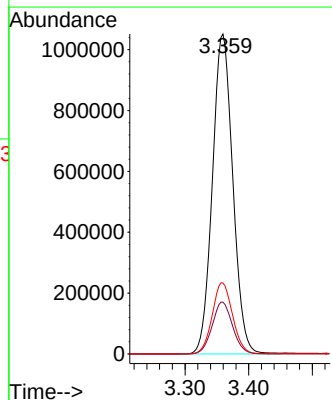
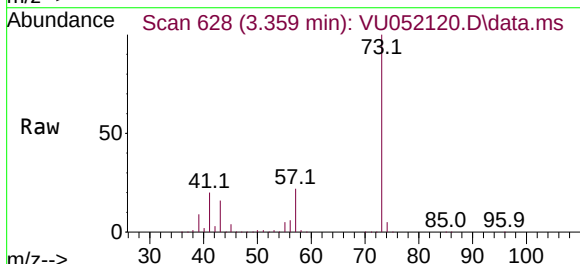
Instrument :
MSVOA_U
ClientSampleId :

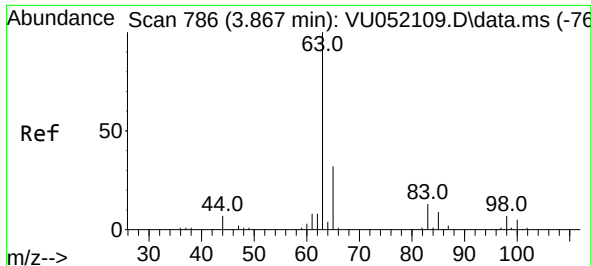
Tgt Ion:101 Resp: 817
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#17
Methyl tert-butyl Ether
Concen: 66.898 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Tgt Ion: 73 Resp: 2341062
Ion Ratio Lower Upper
73 100
43 16.3 13.2 19.8
57 22.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 1.341 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052120.D

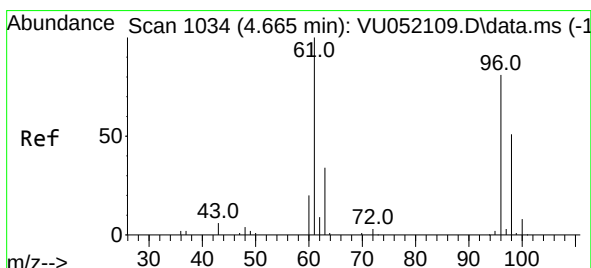
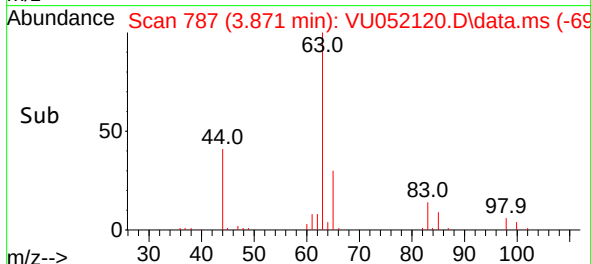
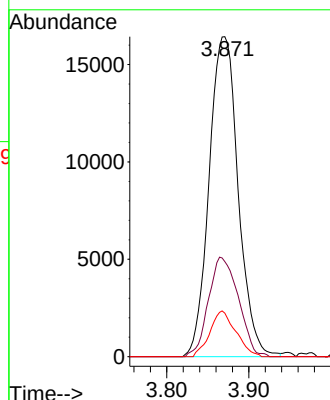
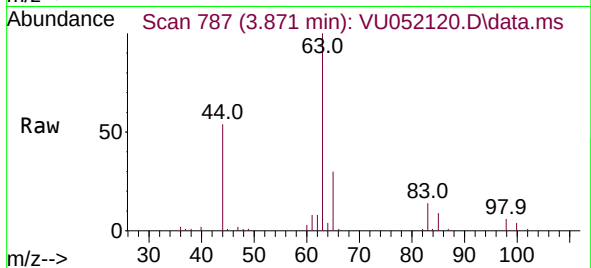
Acq: 24 Nov 2022 06:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 40491
Ion Ratio	Lower Upper
63	100
65	29.7 22.2 41.2
83	13.6 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.058 ug/L

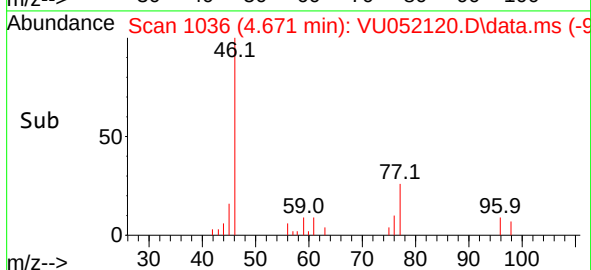
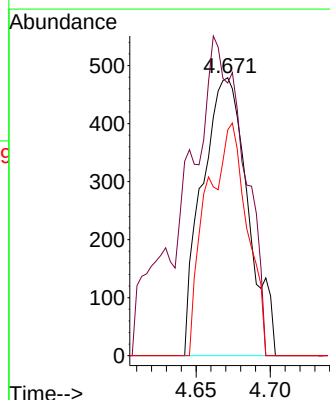
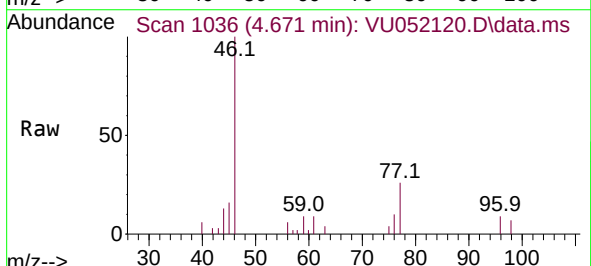
RT: 4.671 min Scan# 1036

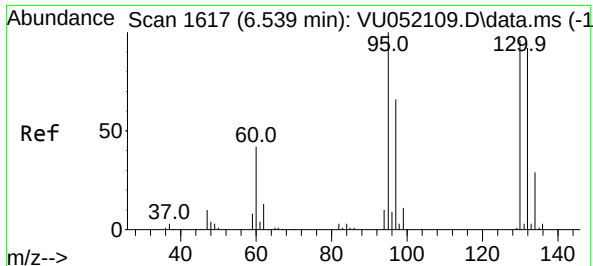
Delta R.T. 0.007 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

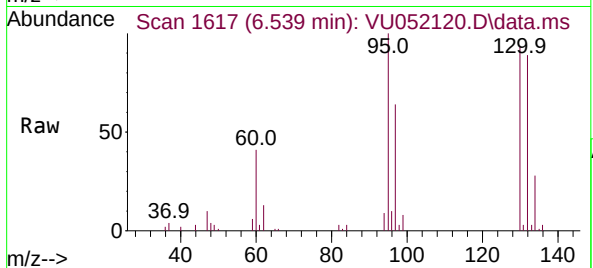
Tgt Ion: 96	Resp: 1026
Ion Ratio	Lower Upper
96	100
61	98.1 85.1 158.1
98	81.2 42.8 79.6



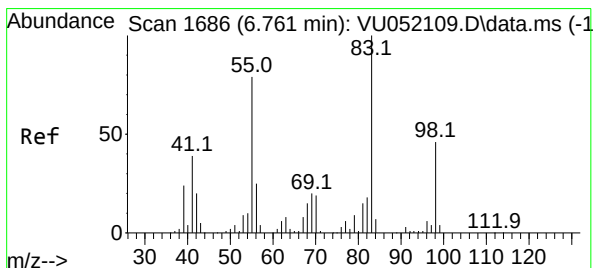
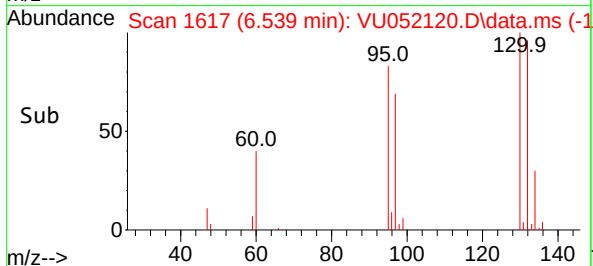
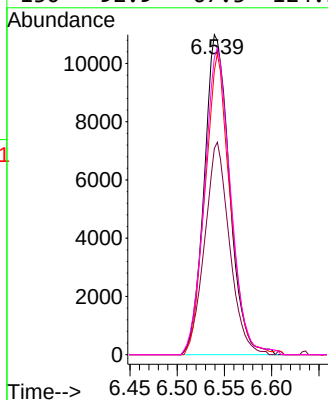


#34
Trichloroethene
Concen: 1.134 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Instrument :
MSVOA_U
ClientSampleId :

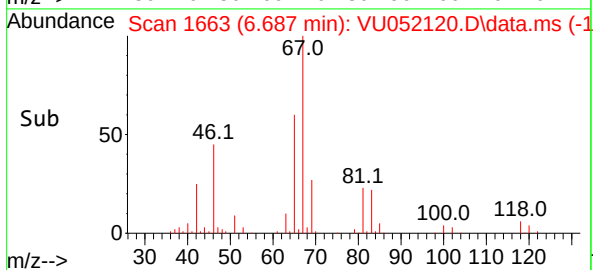
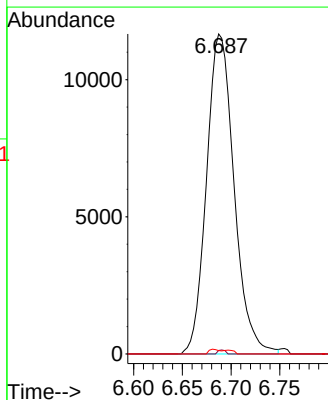
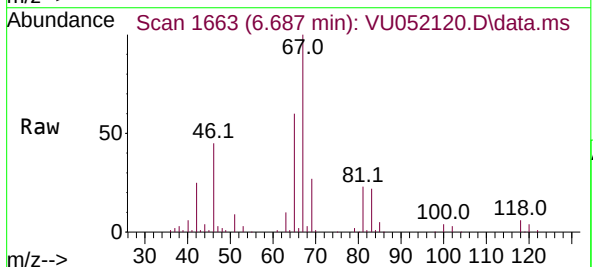


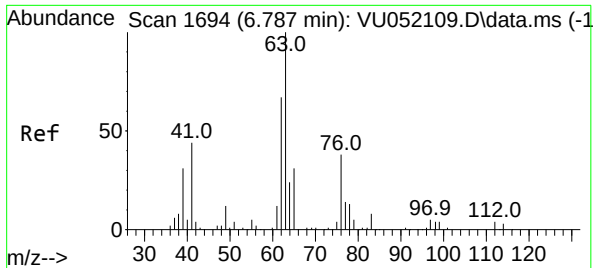
Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.7	81.1
132	88.8	64.3	119.3
130	92.9	67.3	124.9



#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052120.D
Acq: 24 Nov 2022 06:08

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.8	91.2#
98	0.4	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

Instrument :

MSVOA_U

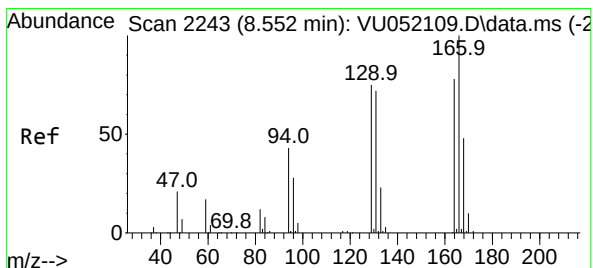
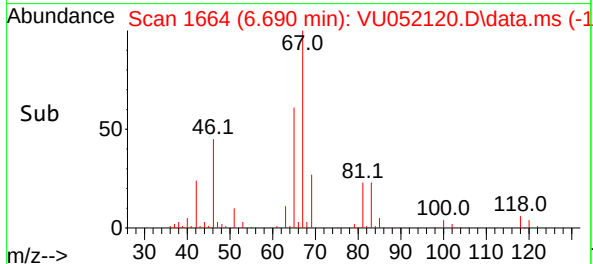
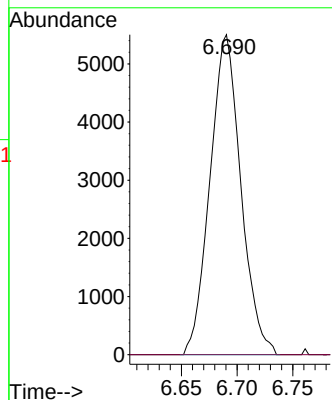
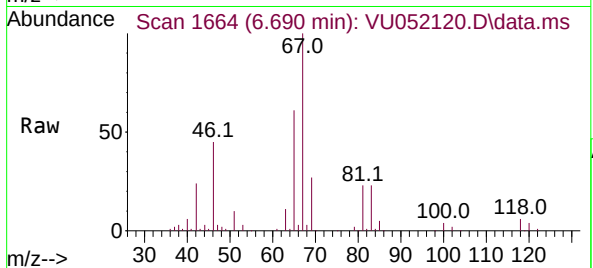
ClientSampleId :

Tgt Ion: 63 Resp: 10631

Ion Ratio Lower Upper

63 100

112 0.7 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.727 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

Tgt Ion: 164 Resp: 10097

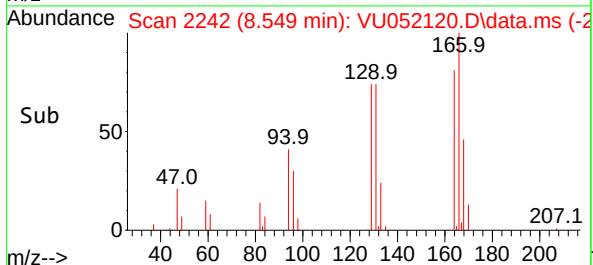
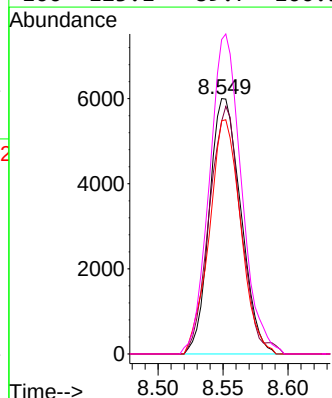
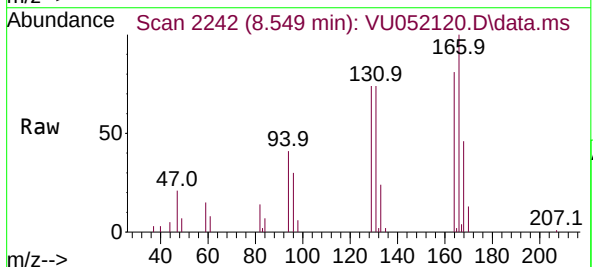
Ion Ratio Lower Upper

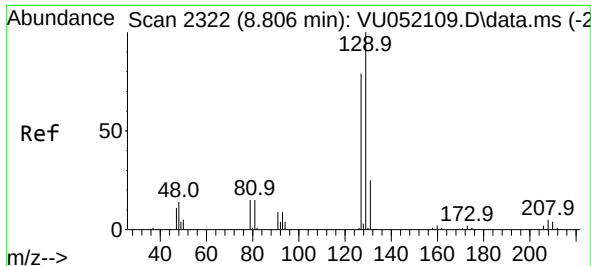
164 100

129 91.1 67.4 125.2

131 91.3 67.1 124.7

166 123.1 89.7 166.5





#49

Dibromochloromethane

Concen: 0.056 ug/L

RT: 8.806 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

Instrument :

MSVOA_U

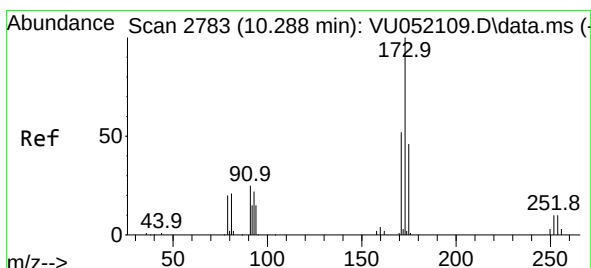
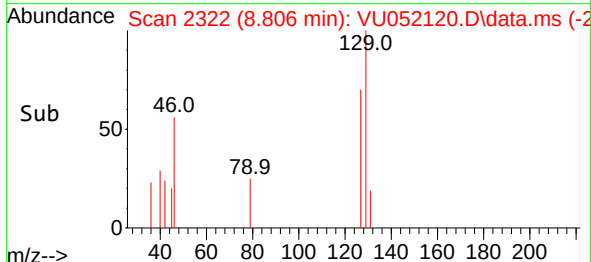
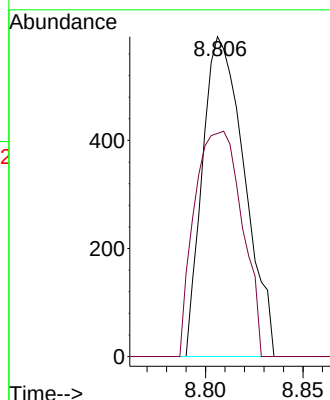
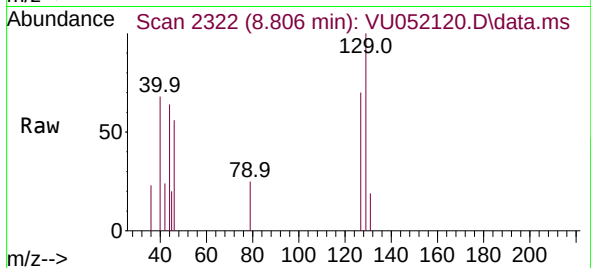
ClientSampleId :

Tgt Ion:129 Resp: 887

Ion Ratio Lower Upper

129 100

127 69.8 52.8 98.2



#59

Bromoform

Concen: 0.138 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU052120.D

Acq: 24 Nov 2022 06:08

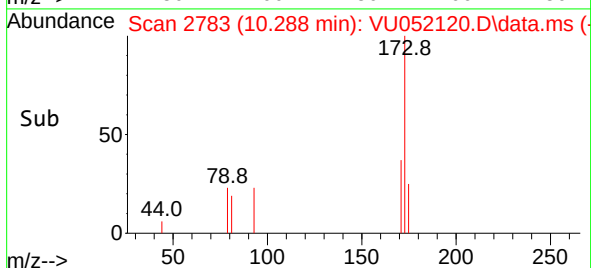
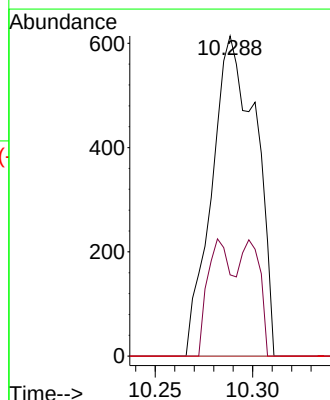
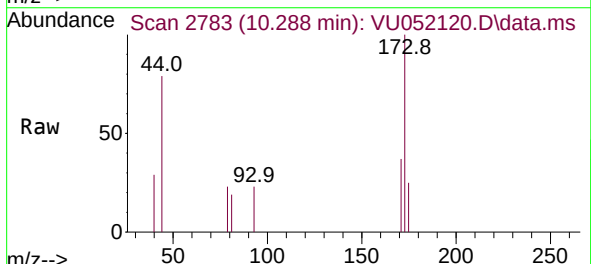
Tgt Ion:173 Resp: 964

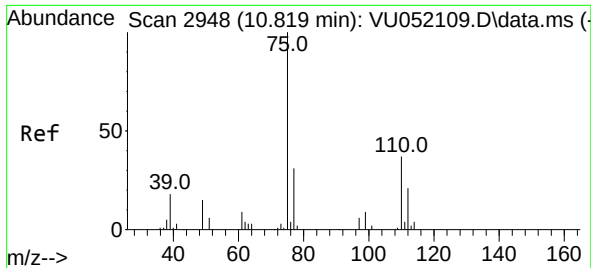
Ion Ratio Lower Upper

173 100

175 21.1 37.2 55.8#

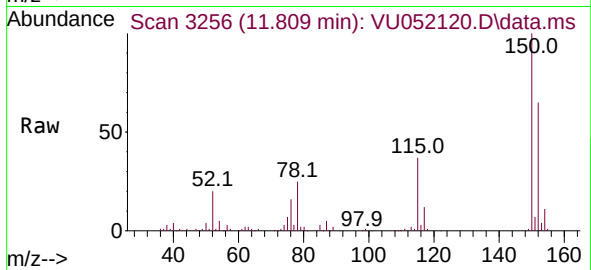
254 0.0 7.0 10.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.999 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052120.D
 Acq: 24 Nov 2022 06:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9709
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.3 42.5#
 77 34.1 26.2 39.2

