

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050238.D
 Acq On : 11 Aug 2022 18:22
 Operator : SY/MD
 Sample : N4160-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

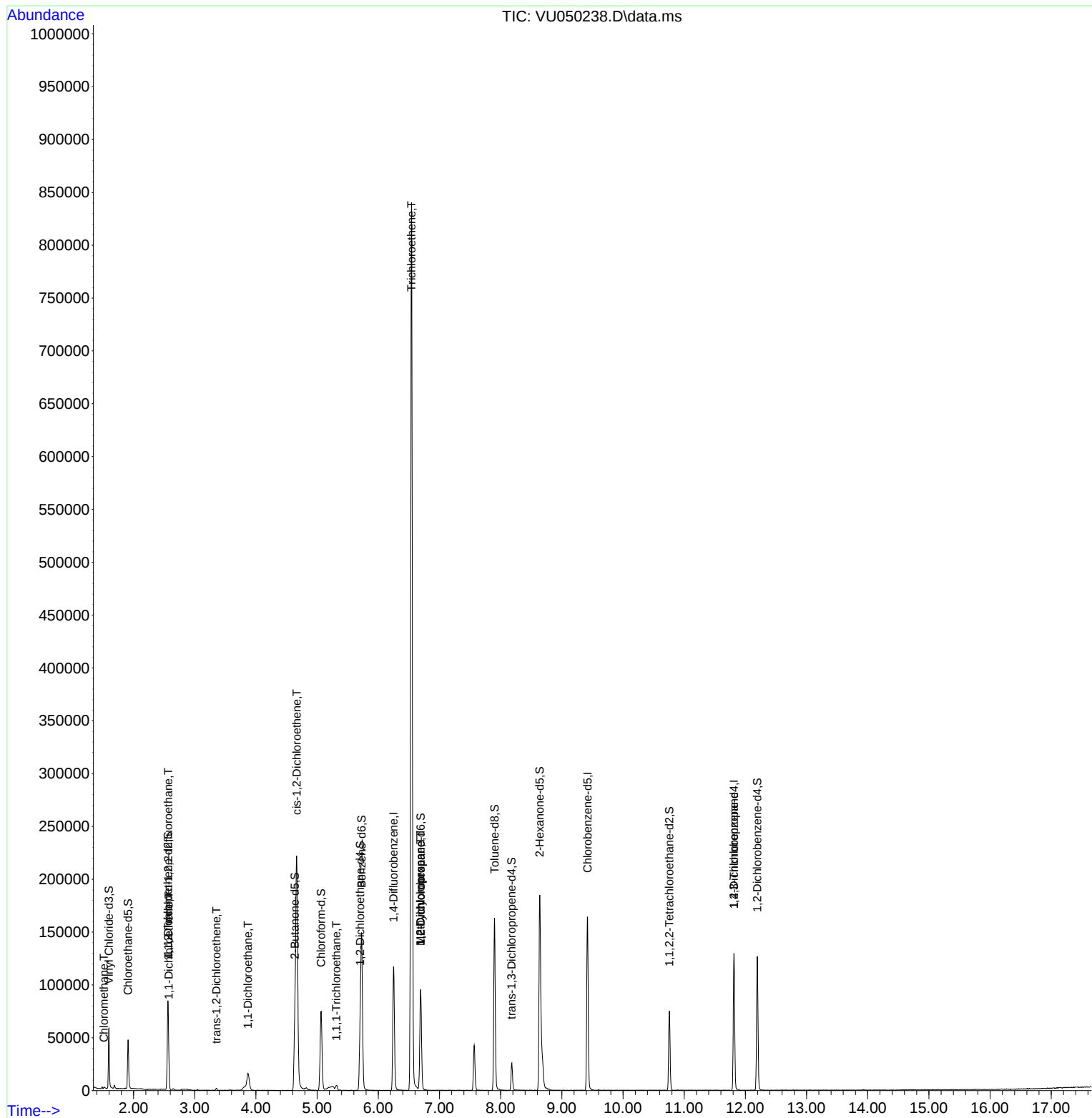
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	96179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41881	5.233	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5	1.909	69	32926	5.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.562	65	15270	4.881	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	4.636	46	104098	53.332	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.660%	
24) Chloroform-d	5.064	84	71416	4.797	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.703	65	37481	4.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.726	84	139376	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.694	67	48656	4.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.899	98	111863	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.179	79	15840	4.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.636	63	58605	47.114	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39871	4.638	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35195	5.069	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1509	0.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	452	0.072	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	1838	0.276	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	871	0.117	ug/L	89
19) 1,1-Dichloroethane	3.867	63	13789	0.978	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	109346	13.235	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	3747	0.321	ug/L	96
34) Trichloroethene	6.543	95	295755	36.641	ug/L	97
35) Methylcyclohexane	6.691	83	11112	1.066	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	4755	0.535	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4268	0.884	ug/L #	67

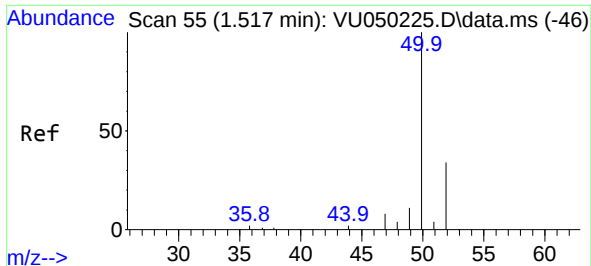
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

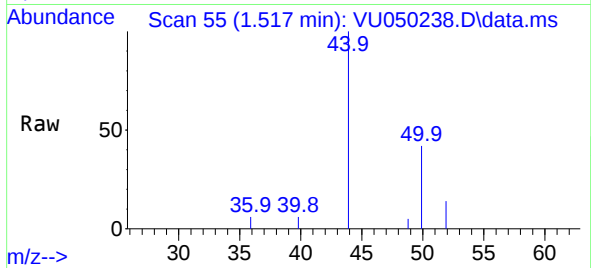
Quant Time: Aug 12 01:34:43 2022
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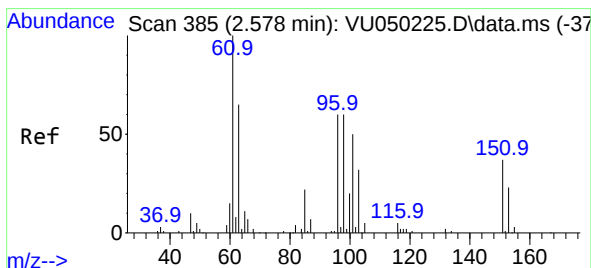
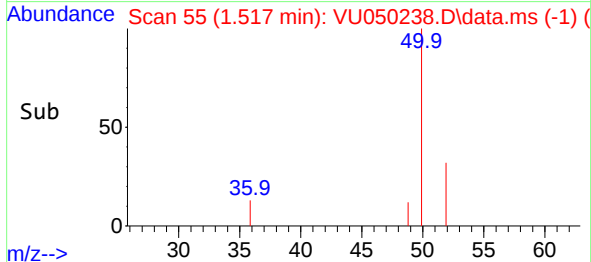
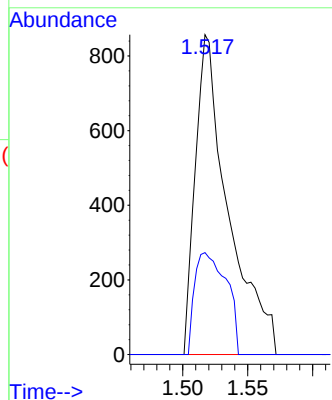


#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.517 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :

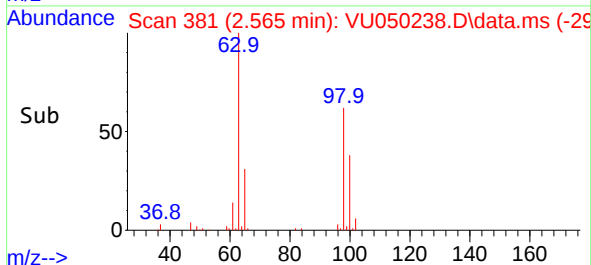
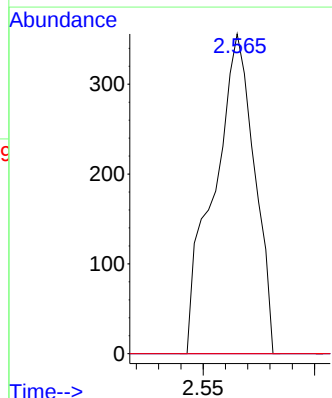
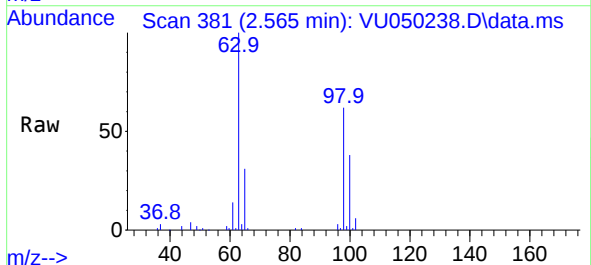


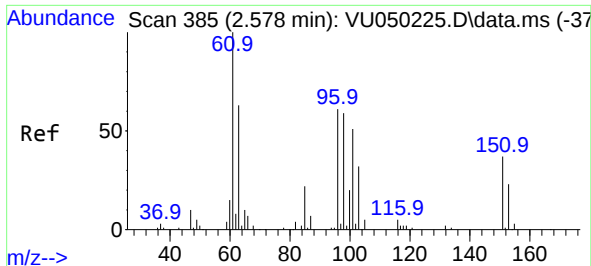
Tgt Ion: 50 Resp: 1509
Ion Ratio Lower Upper
50 100
52 31.9 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

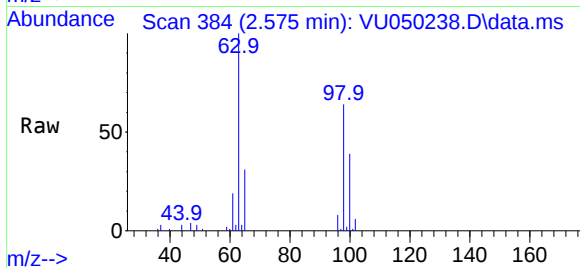
Tgt Ion: 101 Resp: 452
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



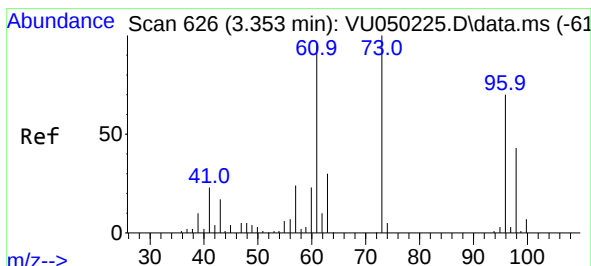
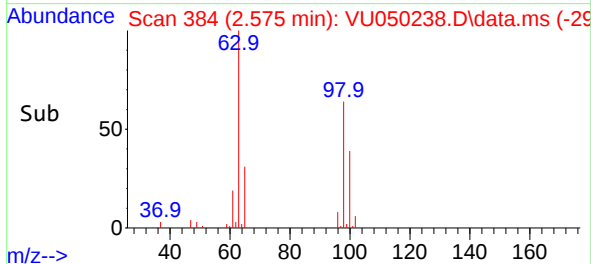
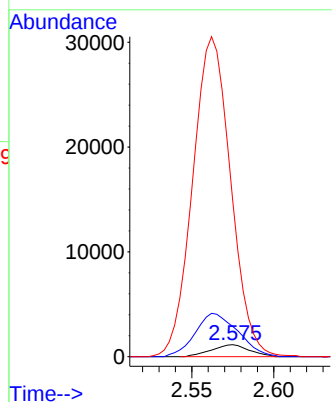


#12
1,1-Dichloroethene
Concen: 0.276 ug/L
RT: 2.575 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :

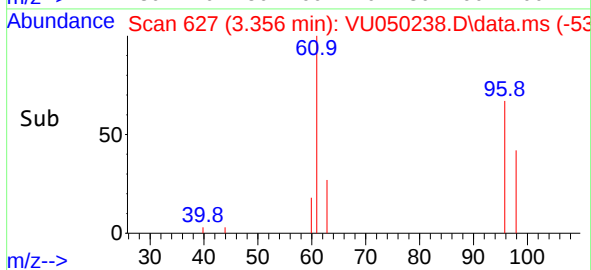
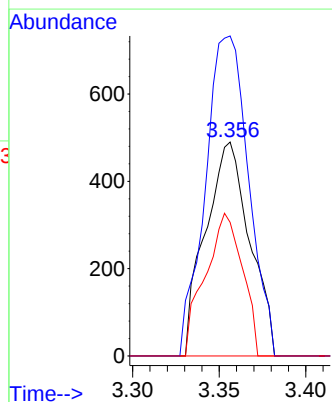
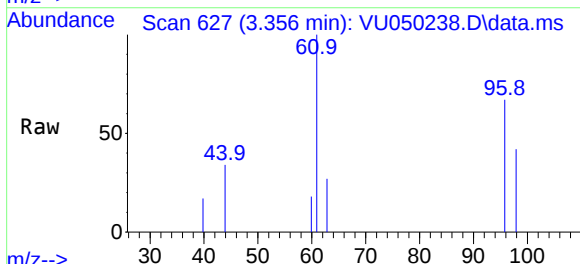


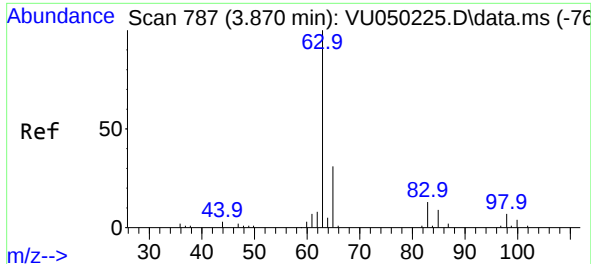
Tgt Ion: 96 Resp: 1838
Ion Ratio Lower Upper
96 100
61 251.0 122.7 227.9#
63 1298.6 85.1 158.1#



#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

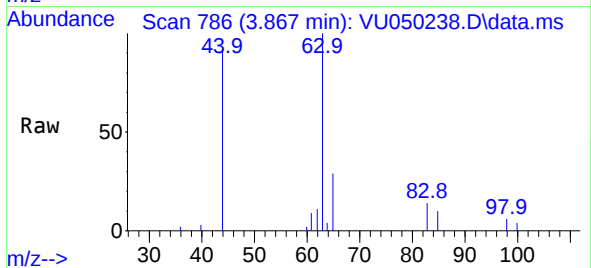
Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 149.6 92.3 171.5
98 62.4 43.2 80.2



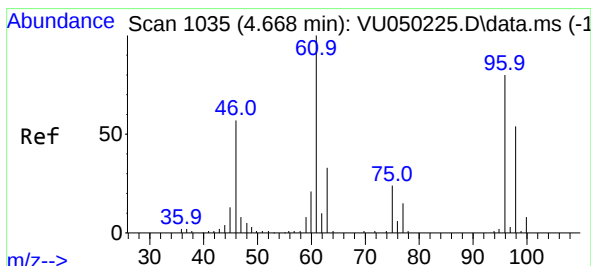
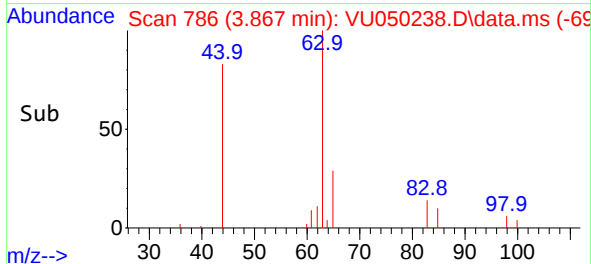
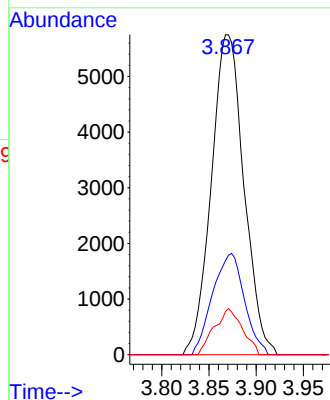


#19
1,1-Dichloroethane
Concen: 0.978 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :

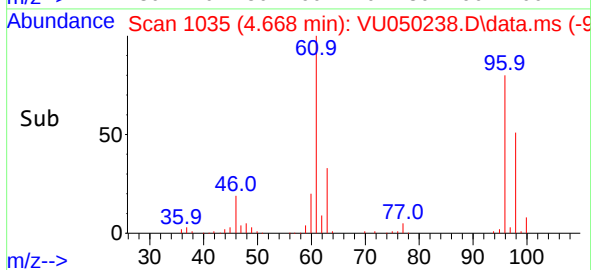
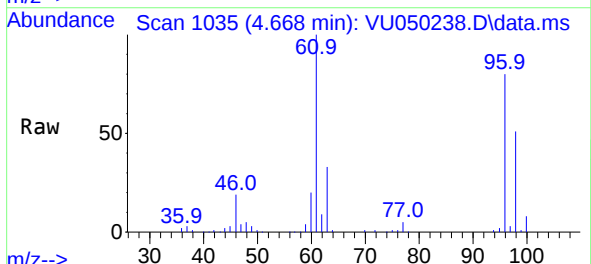
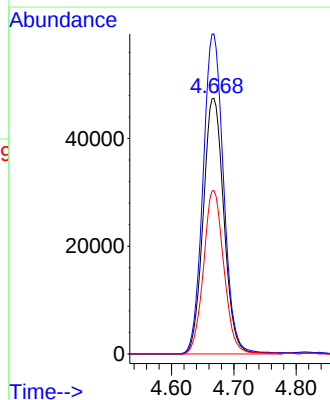


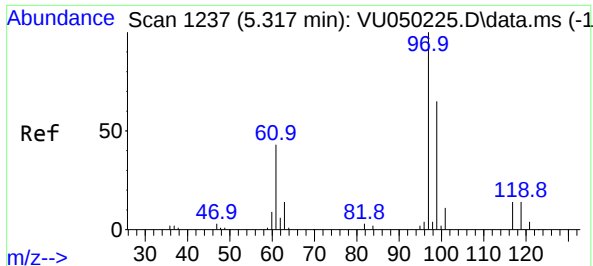
Tgt Ion: 63 Resp: 13789
Ion Ratio Lower Upper
63 100
65 28.1 22.7 42.3
83 12.9 9.8 18.2



#22
cis-1,2-Dichloroethene
Concen: 13.235 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Tgt Ion: 96 Resp: 109346
Ion Ratio Lower Upper
96 100
61 125.1 89.0 165.4
98 63.9 45.2 84.0



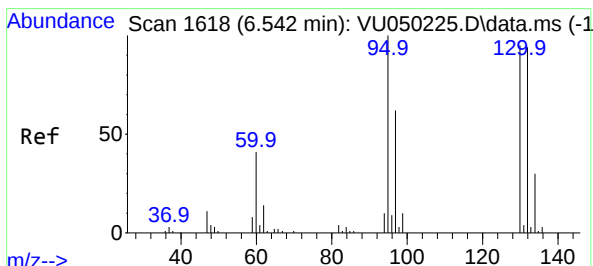
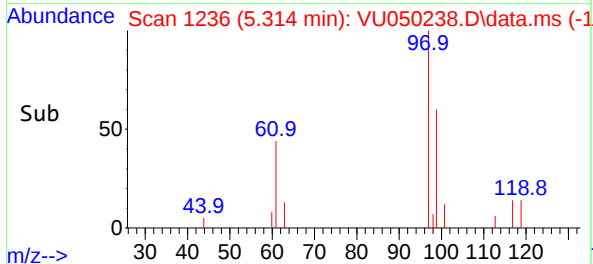
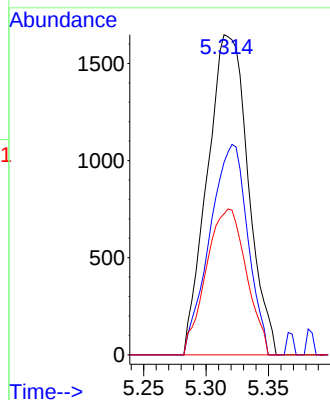
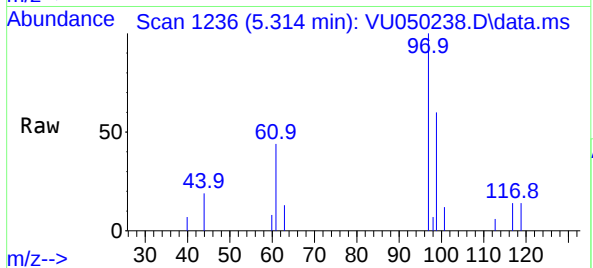


#29
1,1,1-Trichloroethane
Concen: 0.321 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3747

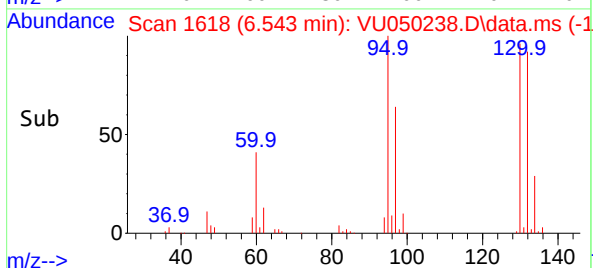
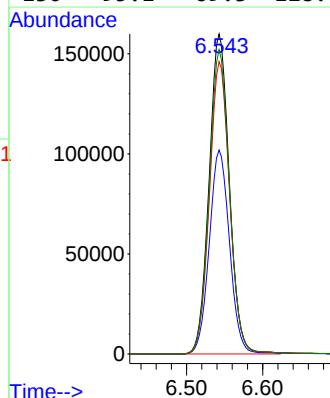
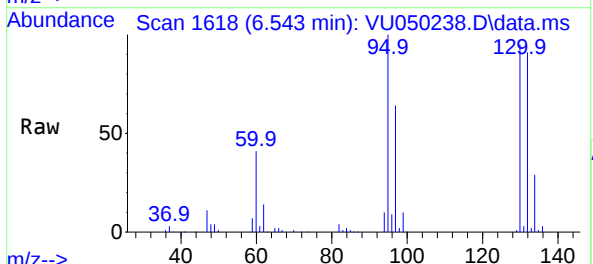
Ion	Ratio	Lower	Upper
97	100		
99	61.2	51.5	77.3
61	44.8	34.2	51.4

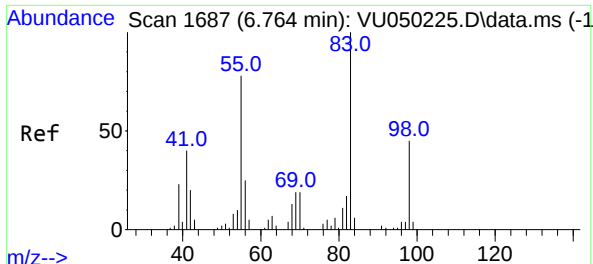


#34
Trichloroethene
Concen: 36.641 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Tgt Ion: 95 Resp: 295755

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.8
132	91.4	65.0	120.6
130	95.1	69.3	128.7





#35

Methylcyclohexane

Concen: 1.066 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050238.D

Acq: 11 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

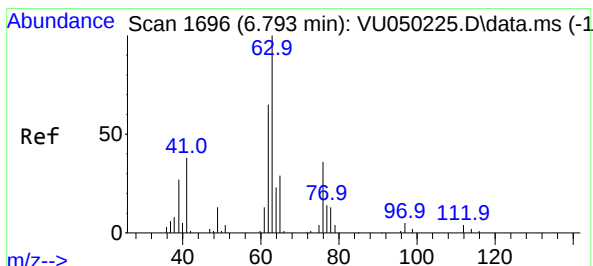
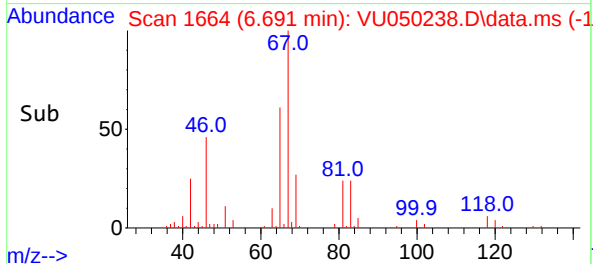
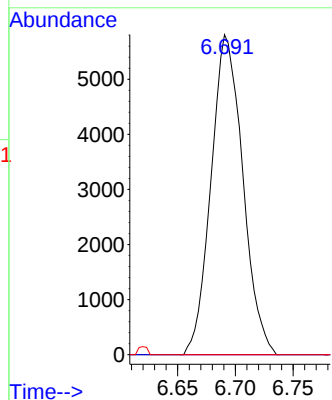
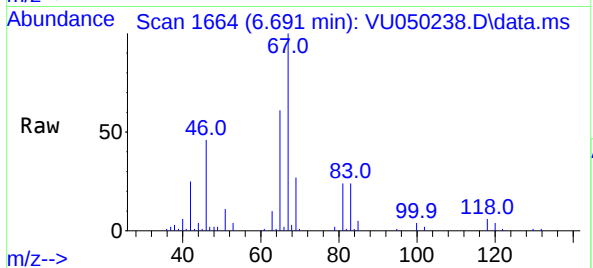
Tgt Ion: 83 Resp: 11112

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 1.7 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050238.D

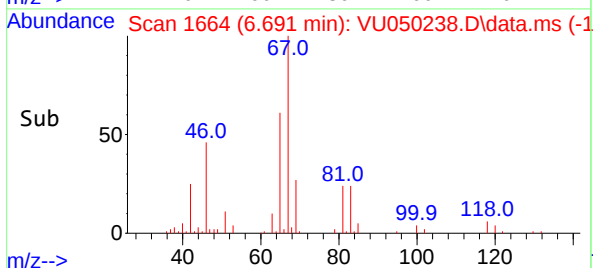
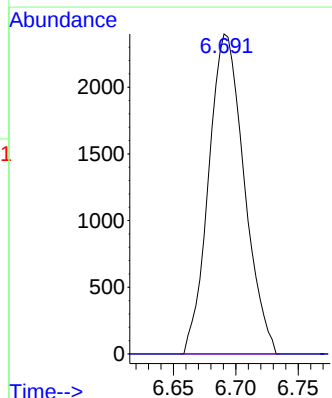
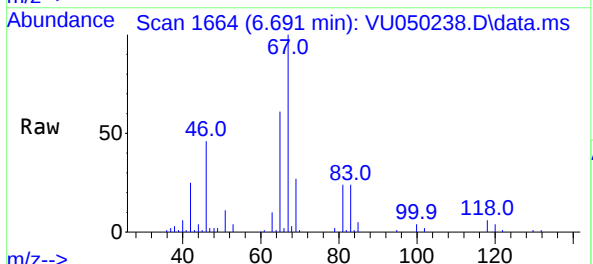
Acq: 11 Aug 2022 18:22

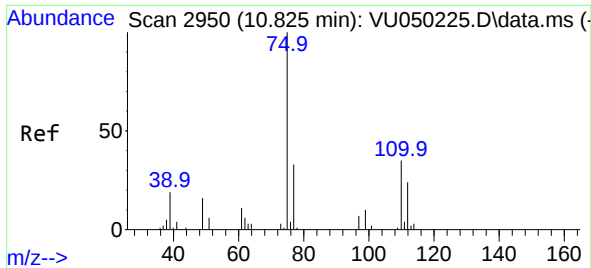
Tgt Ion: 63 Resp: 4755

Ion Ratio Lower Upper

63 100

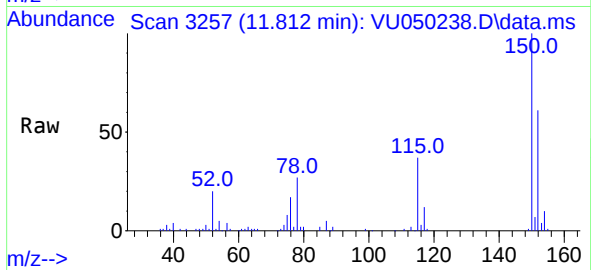
112 0.0 3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 0.884 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU050238.D
Acq: 11 Aug 2022 18:22

Instrument :
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ClientSampleId :



Tgt Ion: 75 Resp: 4268
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 33.3 25.8 38.6

