

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050301.D
 Acq On : 12 Aug 2022 23:45
 Operator : SY/MD
 Sample : N4115-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:26:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

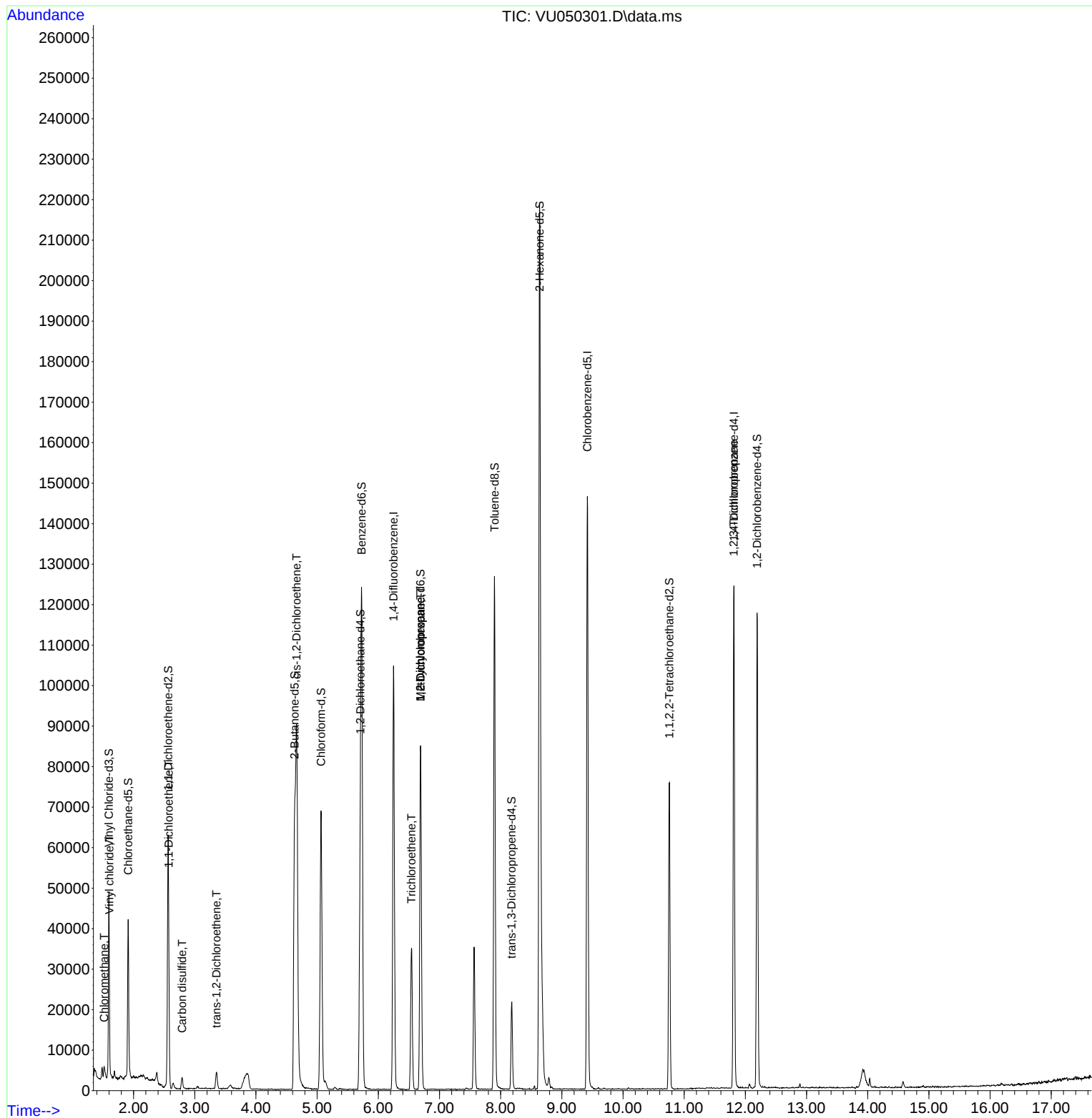
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84126	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31403	4.486	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.912	69	27950	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.565	65	11640	4.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.632	46	108268	63.416	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.840%
24) Chloroform-d	5.063	84	63227	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.706	65	34338	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.729	84	116430	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	42637	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.899	98	87154	3.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.179	79	12606	4.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.636	63	70136	63.356	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39003	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	31996	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2600	0.258	ug/L	98
5) Vinyl chloride	1.604	62	1315	0.146	ug/L #	33
12) 1,1-Dichloroethene	2.575	96	1277	0.220	ug/L #	1
14) Carbon disulfide	2.793	76	4040	0.195	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	2069	0.318	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	38164	5.281	ug/L	97
34) Trichloroethene	6.542	95	12360	1.721	ug/L	98
35) Methylcyclohexane	6.690	83	9714	1.048	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4373	0.553	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	3928	0.859	ug/L #	67

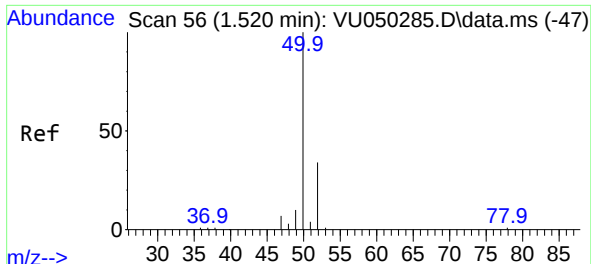
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

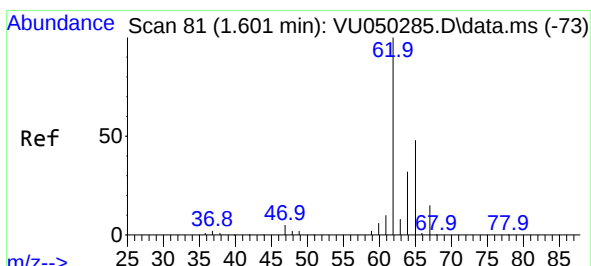
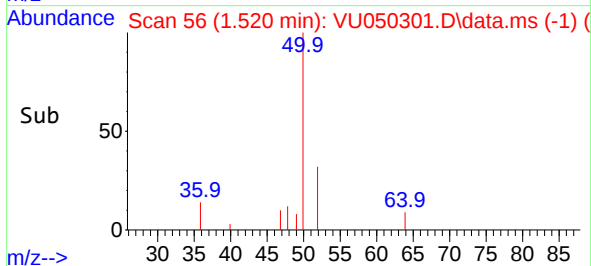
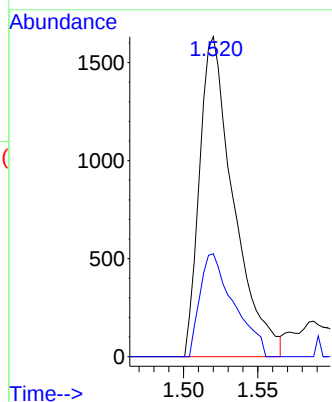
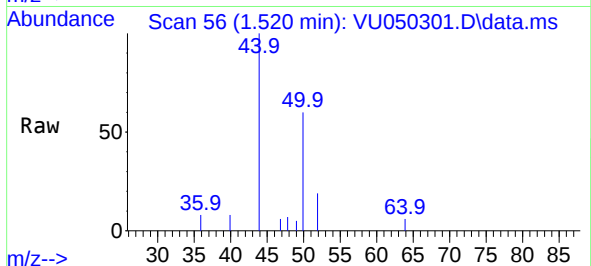




#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

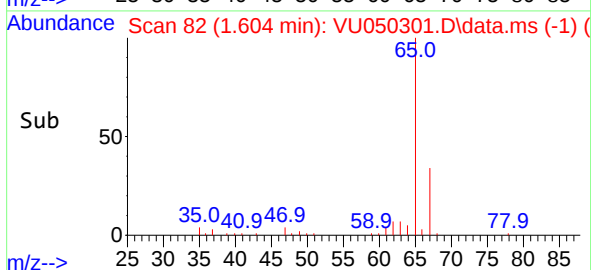
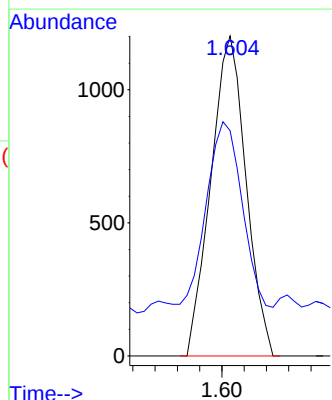
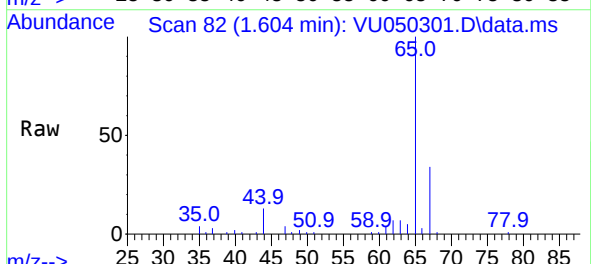
Instrument :
MSVOA_U
ClientSampleId :

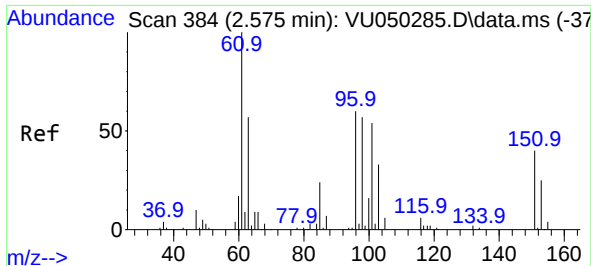
Tgt Ion: 50 Resp: 2600
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.2



#5
Vinyl chloride
Concen: 0.146 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

Tgt Ion: 62 Resp: 1315
Ion Ratio Lower Upper
62 100
64 70.4 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.220 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU050301.D

Acq: 12 Aug 2022 23:45

Instrument :

MSVOA_U

ClientSampleId :

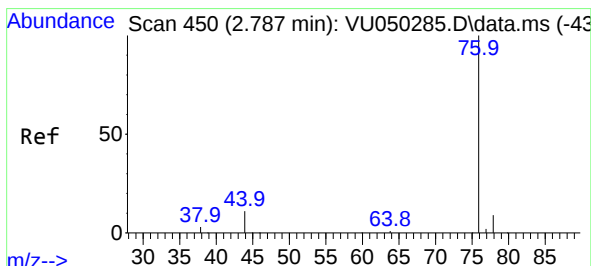
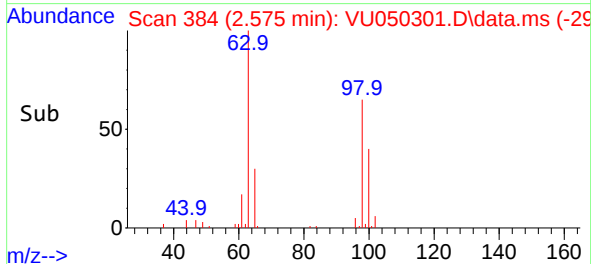
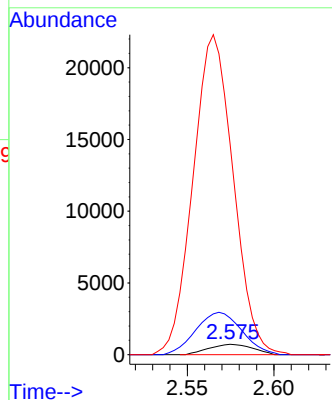
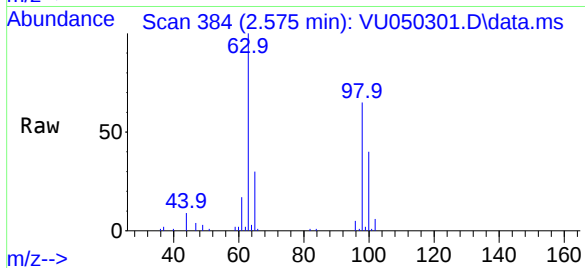
Tgt Ion: 96 Resp: 1277

Ion Ratio Lower Upper

96 100

61 355.3 122.7 227.9#

63 2038.8 85.1 158.1#



#14

Carbon disulfide

Concen: 0.195 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.006 min

Lab File: VU050301.D

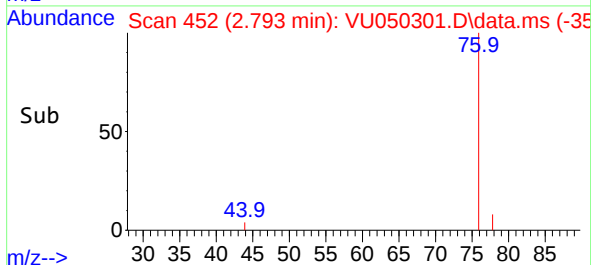
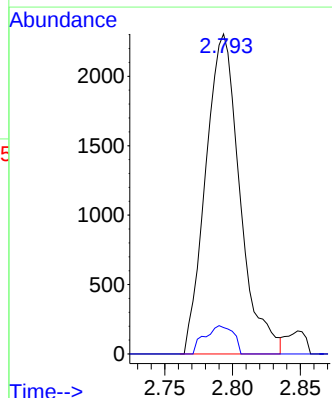
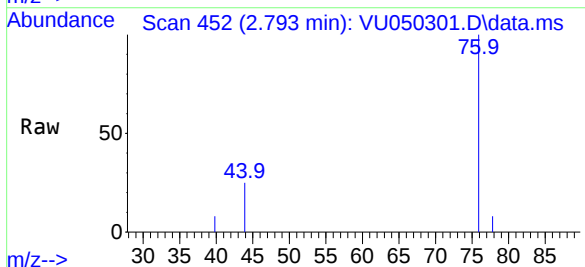
Acq: 12 Aug 2022 23:45

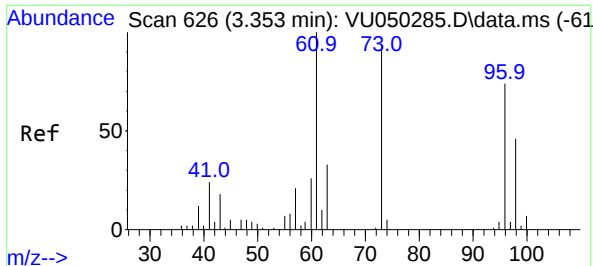
Tgt Ion: 76 Resp: 4040

Ion Ratio Lower Upper

76 100

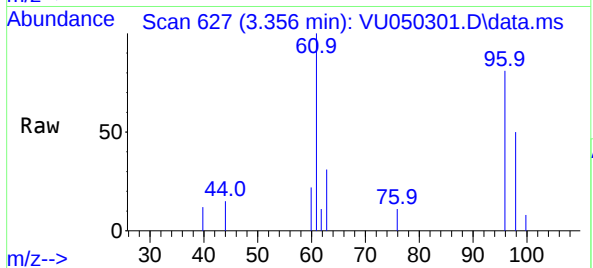
78 8.2 7.4 11.0



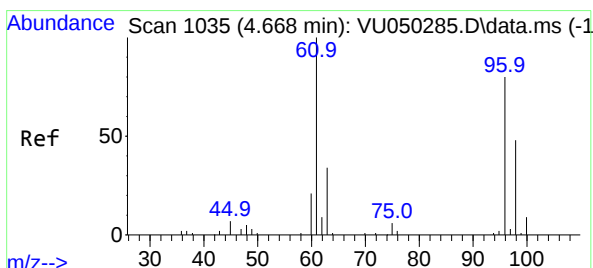
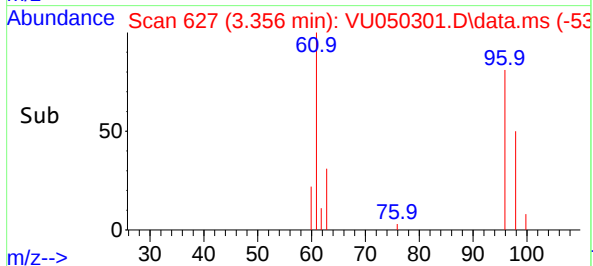
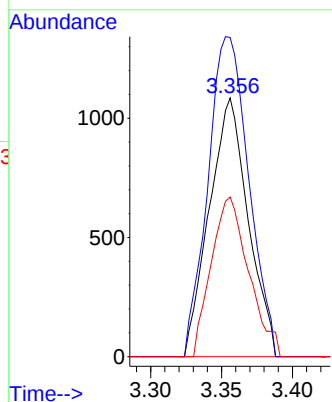


#18
trans-1,2-Dichloroethene
Concen: 0.318 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

Instrument :
MSVOA_U
ClientSampleId :

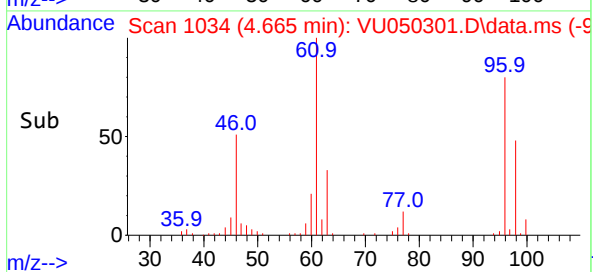
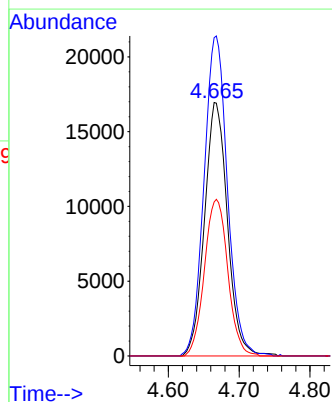
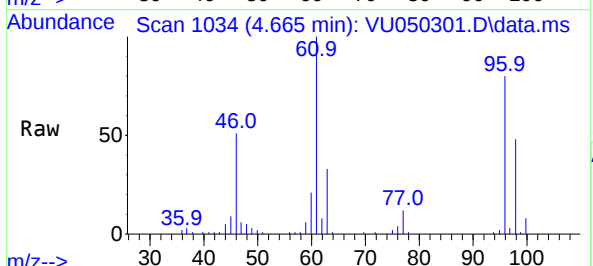


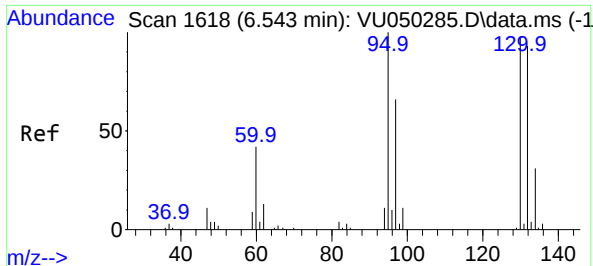
Tgt Ion: 96 Resp: 2069
Ion Ratio Lower Upper
96 100
61 123.4 92.3 171.5
98 61.8 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 5.281 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

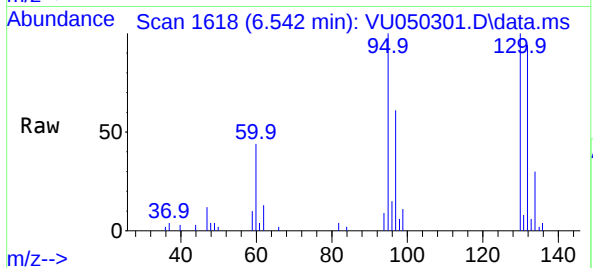
Tgt Ion: 96 Resp: 38164
Ion Ratio Lower Upper
96 100
61 125.6 89.0 165.4
98 60.7 45.2 84.0





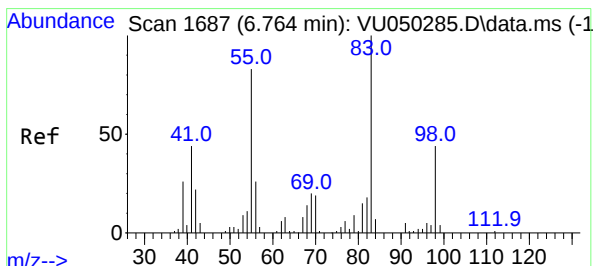
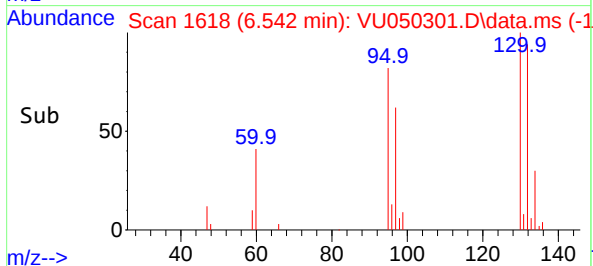
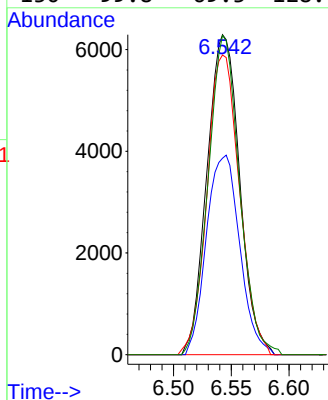
#34
Trichloroethene
Concen: 1.721 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 12360

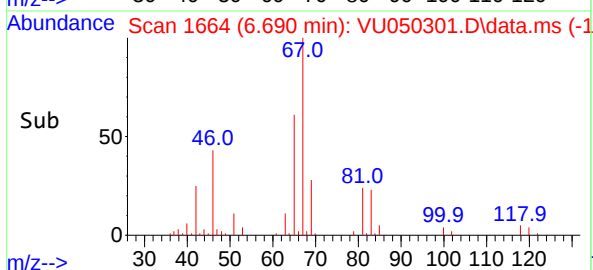
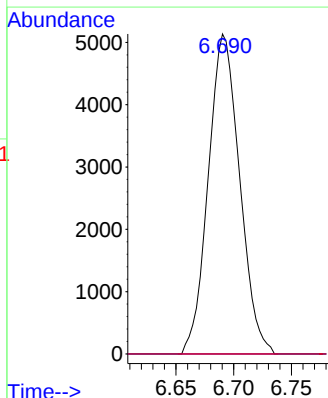
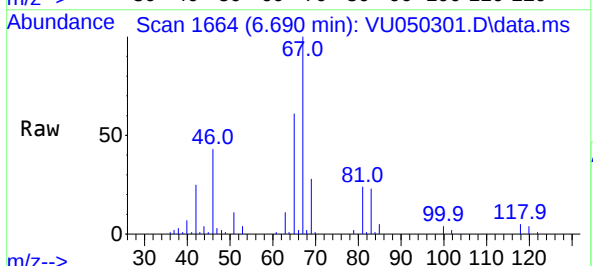
Ion	Ratio	Lower	Upper
95	100		
97	61.4	45.6	84.8
132	93.6	65.0	120.6
130	99.8	69.3	128.7

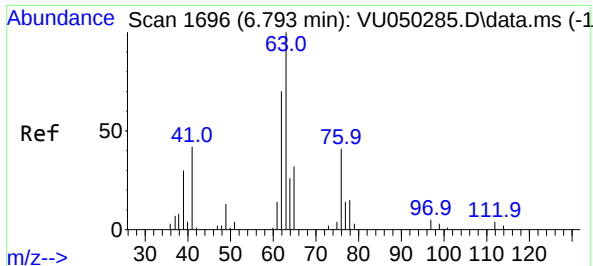


#35
Methylcyclohexane
Concen: 1.048 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

Tgt Ion: 83 Resp: 9714

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	4.3	36.2	54.2#

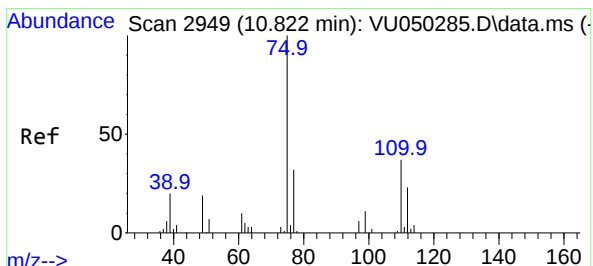
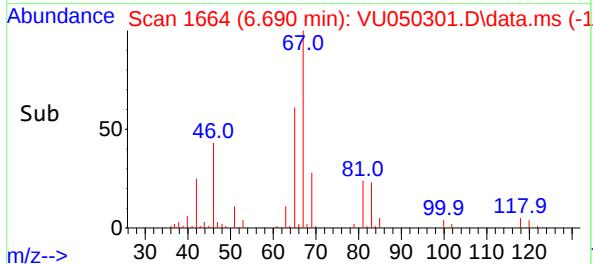
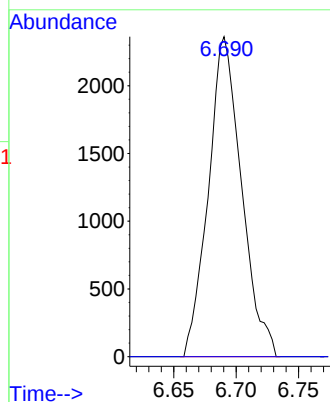
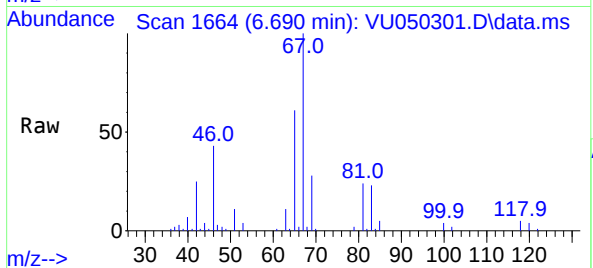




#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4373
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.859 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050301.D
Acq: 12 Aug 2022 23:45

Tgt Ion: 75 Resp: 3928
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.7 25.8 38.6

