

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050190.D
 Acq On : 09 Aug 2022 17:50
 Operator : SY/MD
 Sample : N4115-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

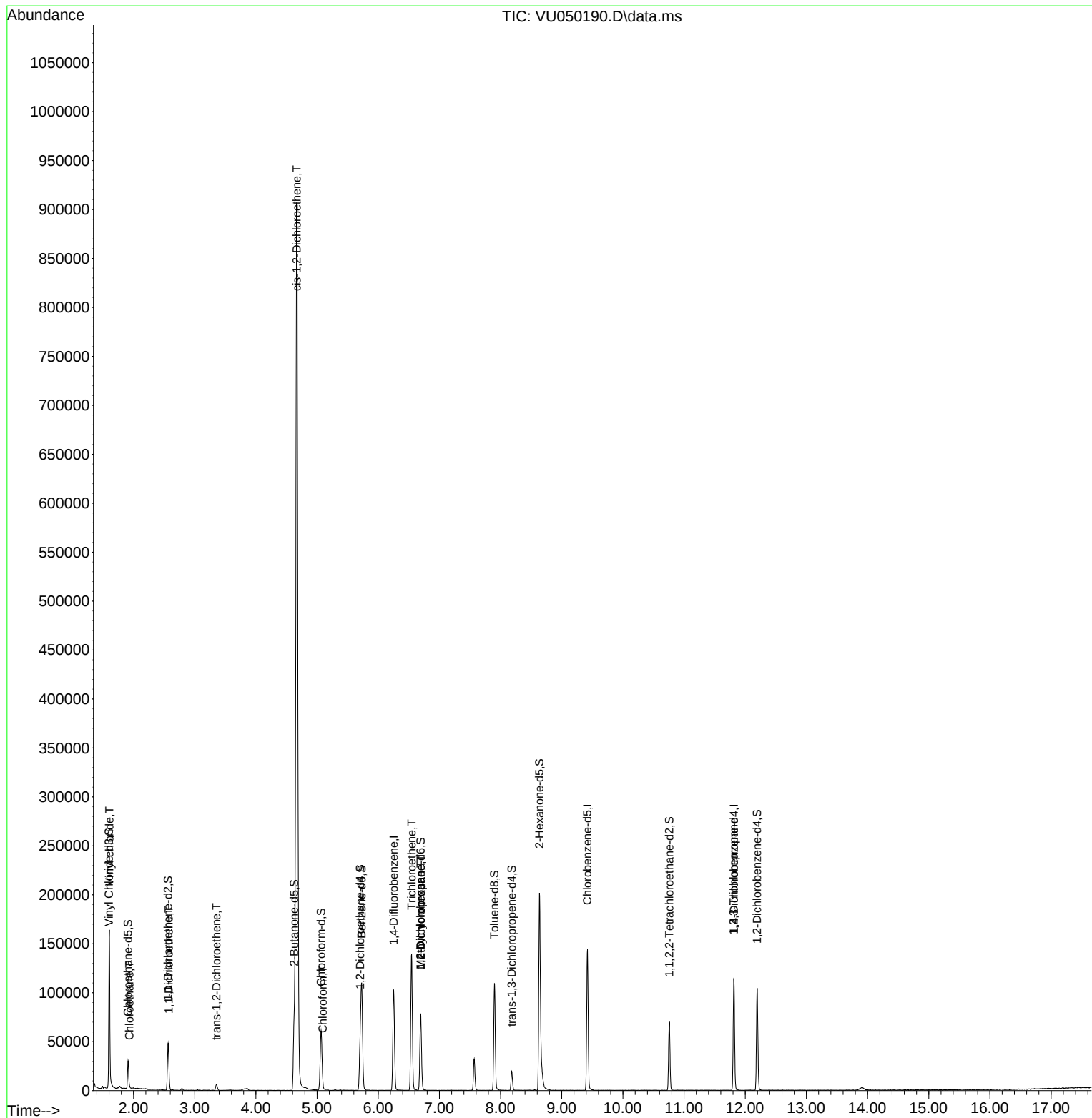
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	85193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	83444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	31591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21178	2.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.909	69	21863	3.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.562	65	8422	3.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	4.626	46	100423	58.084	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.160%
24) Chloroform-d	5.066	84	57846	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.703	65	32264	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.729	84	105596	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.693	67	39284	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.899	98	77276	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.182	79	11565	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.635	63	66414	60.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36988	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	28662	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	97583	10.662	ug/L	99
8) Chloroethane	1.932	64	1369	0.254	ug/L	92
12) 1,1-Dichloroethene	2.575	96	2199	0.373	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	2769	0.420	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	482856	65.979	ug/L	98
25) Chloroform	5.092	83	114	0.009	ug/L #	17
34) Trichloroethene	6.546	95	48286	6.829	ug/L	97
35) Methylcyclohexane	6.693	83	9025	0.989	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	3840	0.493	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4149	0.964	ug/L #	66

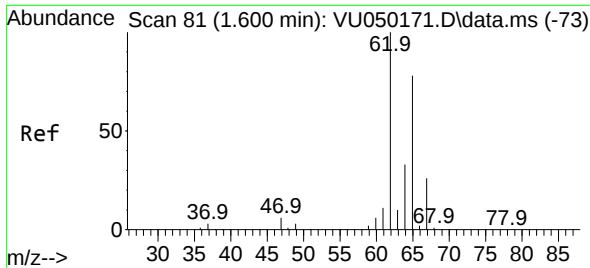
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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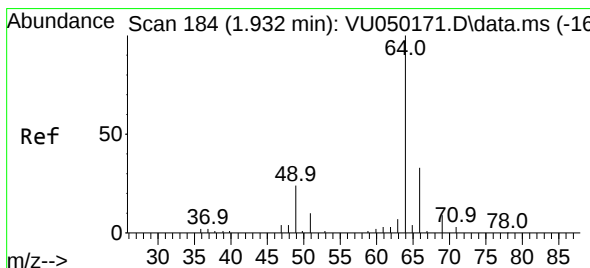
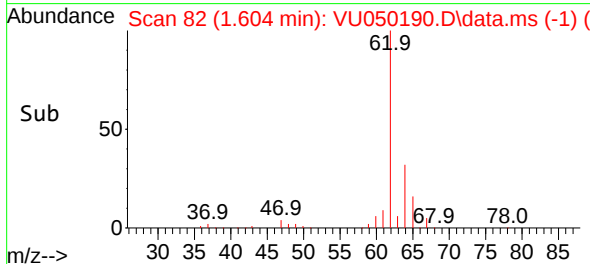
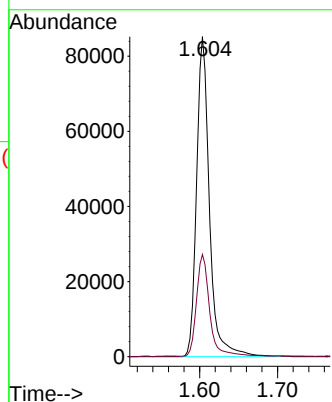
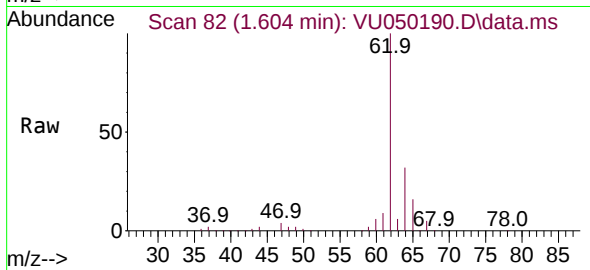




#5
 Vinyl chloride
 Concen: 10.662 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050190.D
 Acq: 09 Aug 2022 17:50

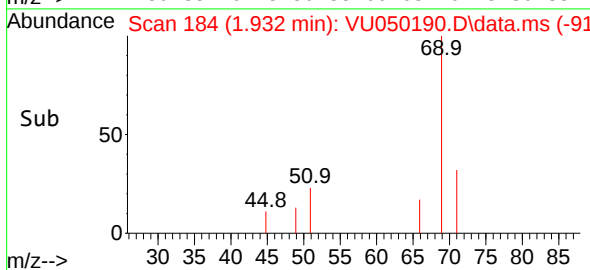
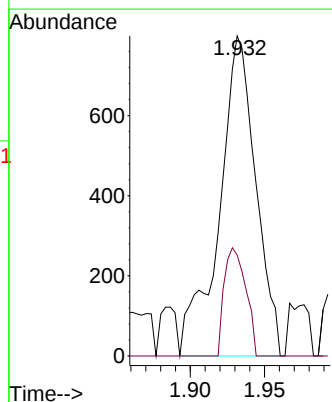
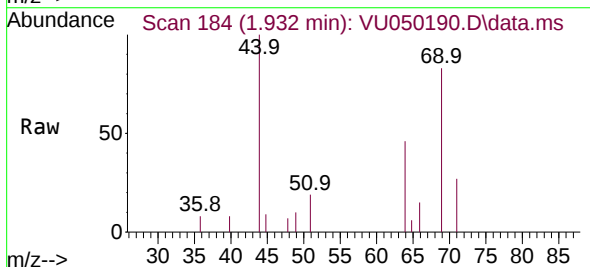
Instrument :
 MSVOA_U
 ClientSampleId :

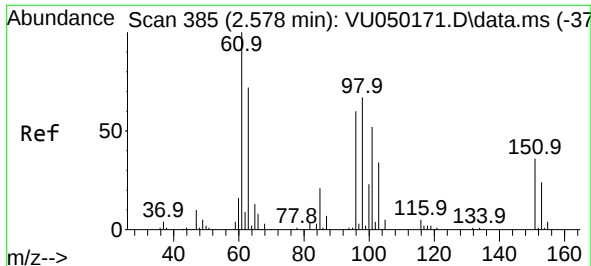
Tgt Ion: 62 Resp: 97583
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#8
 Chloroethane
 Concen: 0.254 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.000 min
 Lab File: VU050190.D
 Acq: 09 Aug 2022 17:50

Tgt Ion: 64 Resp: 1369
 Ion Ratio Lower Upper
 64 100
 66 28.0 22.8 42.4





#12

1,1-Dichloroethene

Concen: 0.373 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050190.D

Acq: 09 Aug 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

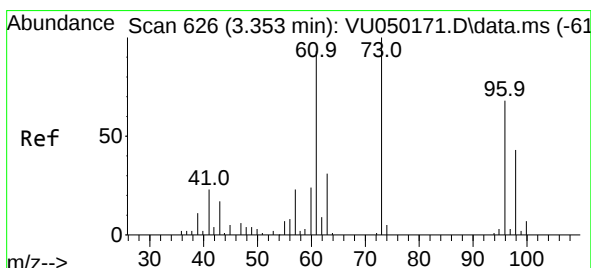
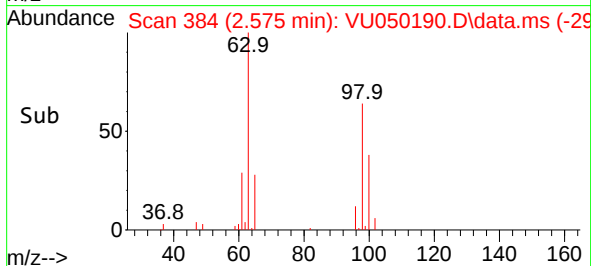
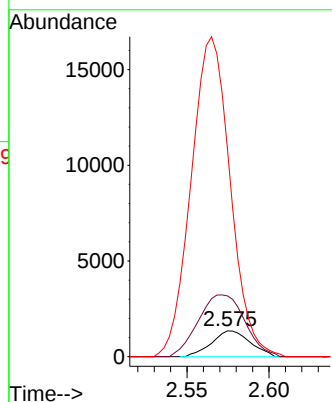
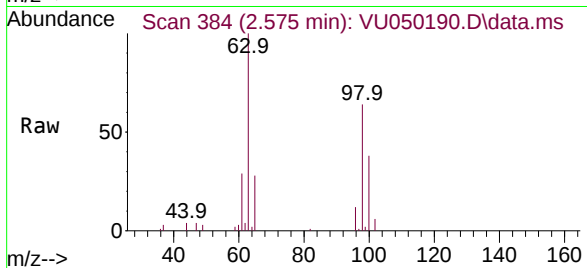
Tgt Ion: 96 Resp: 2199

Ion Ratio Lower Upper

96 100

61 236.3 122.7 227.9#

63 811.4 85.1 158.1#



#18

trans-1,2-Dichloroethene

Concen: 0.420 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU050190.D

Acq: 09 Aug 2022 17:50

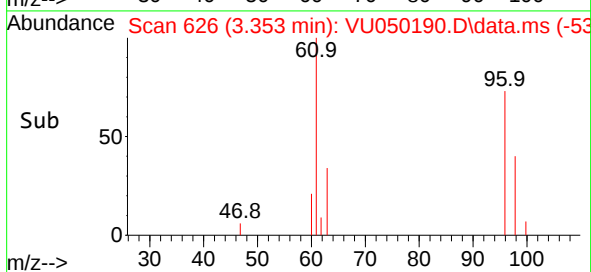
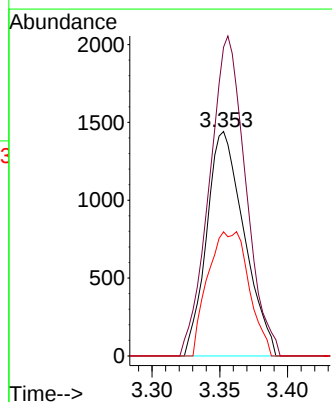
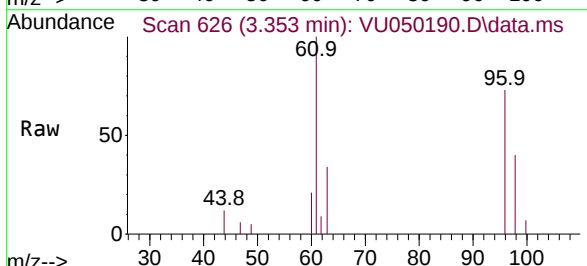
Tgt Ion: 96 Resp: 2769

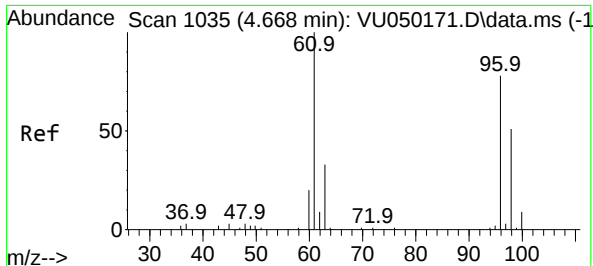
Ion Ratio Lower Upper

96 100

61 137.6 92.3 171.5

98 55.3 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 65.979 ug/L

RT: 4.668 min Scan# 110

Delta R.T. -0.000 min

Lab File: VU050190.D

Acq: 09 Aug 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

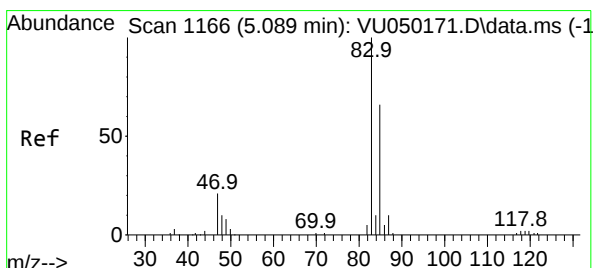
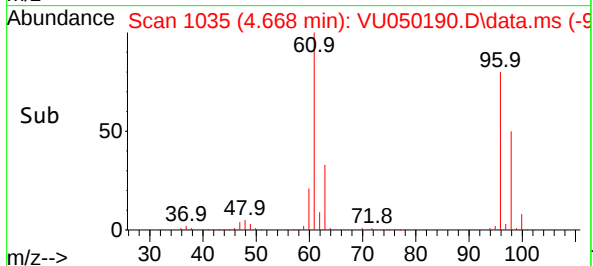
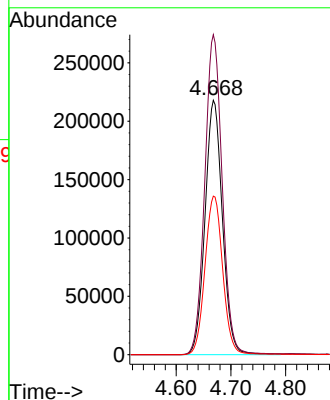
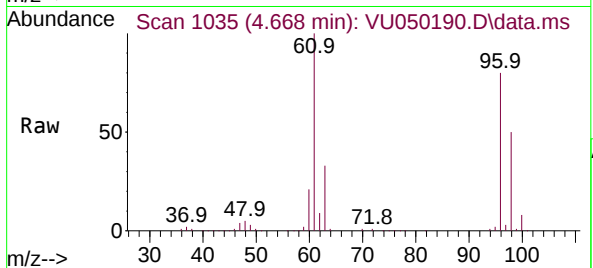
Tgt Ion: 96 Resp: 482856

Ion Ratio Lower Upper

96 100

61 125.8 89.0 165.4

98 62.3 45.2 84.0



#25

Chloroform

Concen: 0.009 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU050190.D

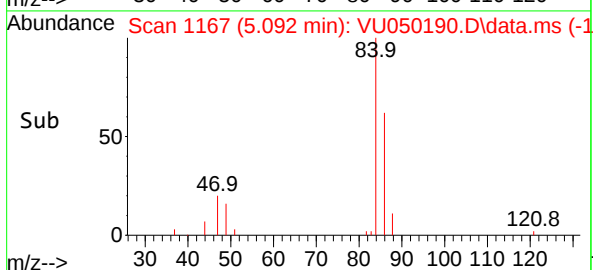
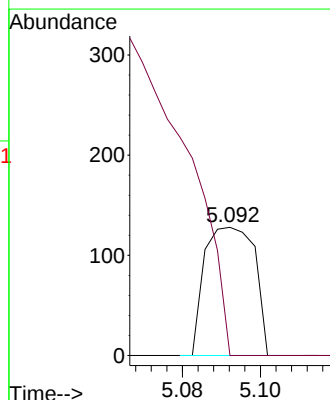
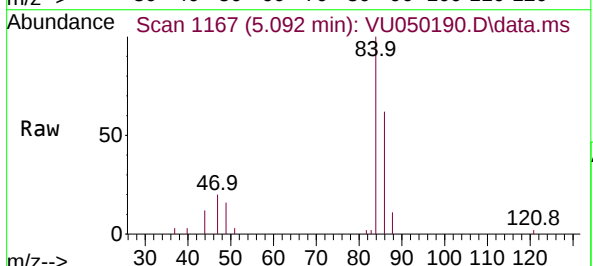
Acq: 09 Aug 2022 17:50

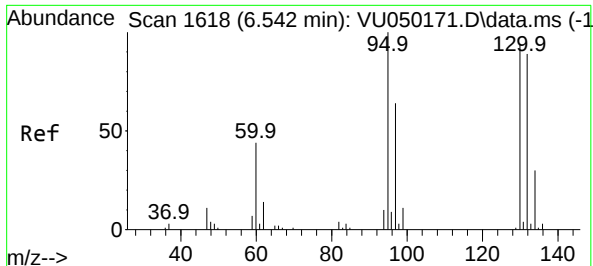
Tgt Ion: 83 Resp: 114

Ion Ratio Lower Upper

83 100

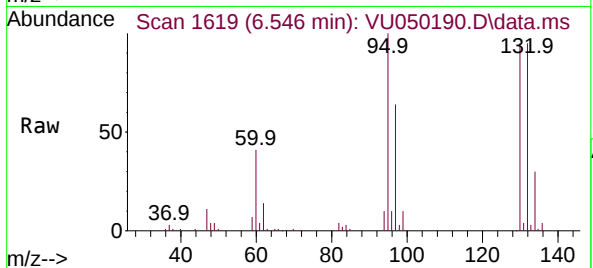
85 0.0 46.1 85.5#



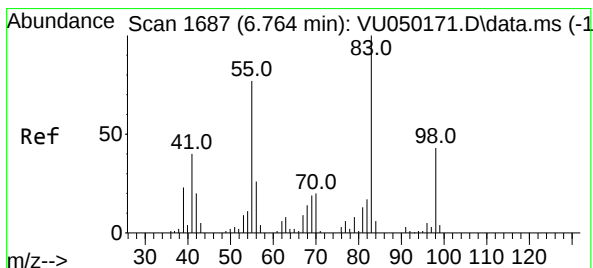
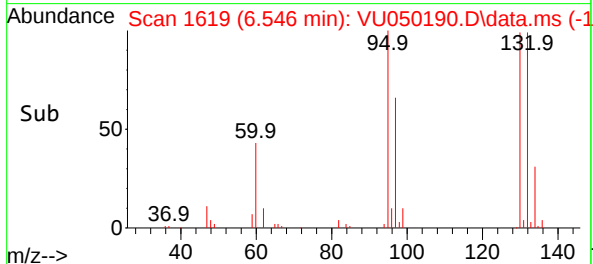
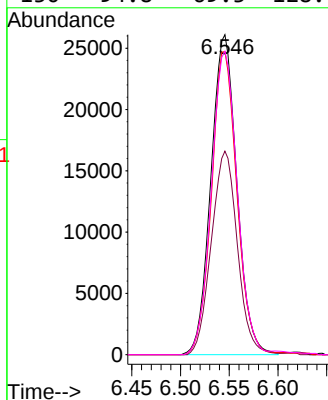


#34
Trichloroethene
Concen: 6.829 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050190.D
Acq: 09 Aug 2022 17:50

Instrument :
MSVOA_U
ClientSampleId :

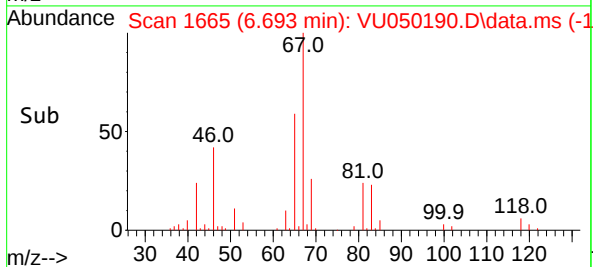
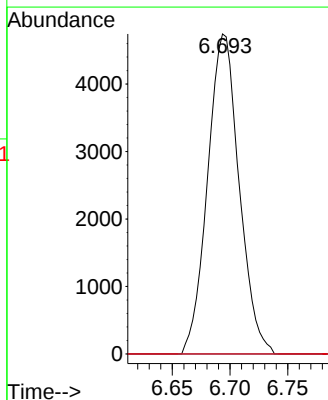
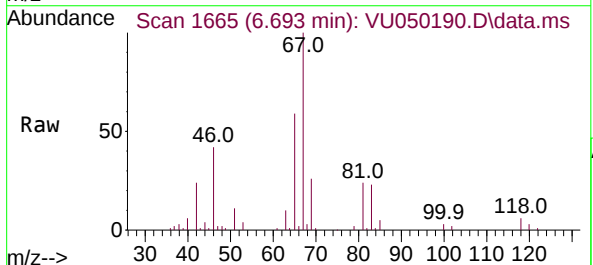


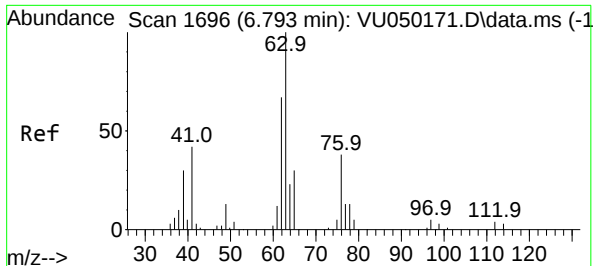
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	94.7	65.0	120.6
130	94.8	69.3	128.7



#35
Methylcyclohexane
Concen: 0.989 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050190.D
Acq: 09 Aug 2022 17:50

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	6.6	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050190.D

Acq: 09 Aug 2022 17:50

Instrument :

MSVOA_U

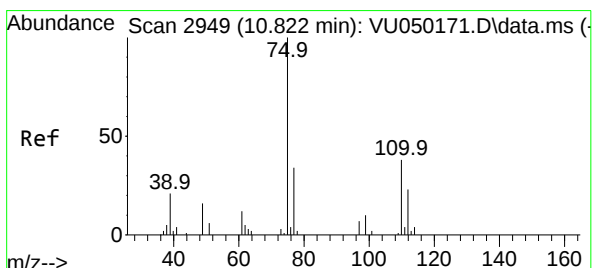
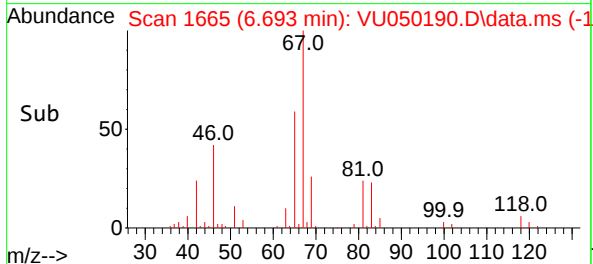
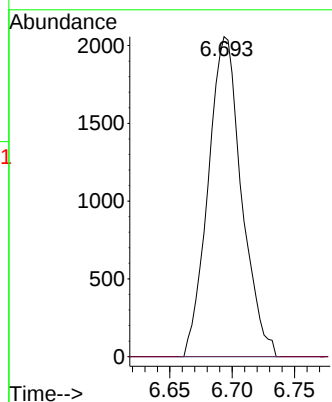
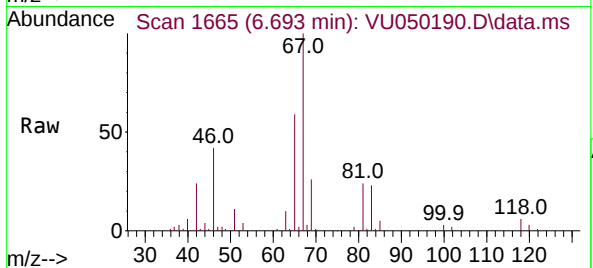
ClientSampleId :

Tgt Ion: 63 Resp: 3840

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050190.D

Acq: 09 Aug 2022 17:50

Tgt Ion: 75 Resp: 4149

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 29.4 25.8 38.6

