

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050182.D
 Acq On : 09 Aug 2022 14:31
 Operator : SY/MD
 Sample : N4075-11DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:48:20 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)

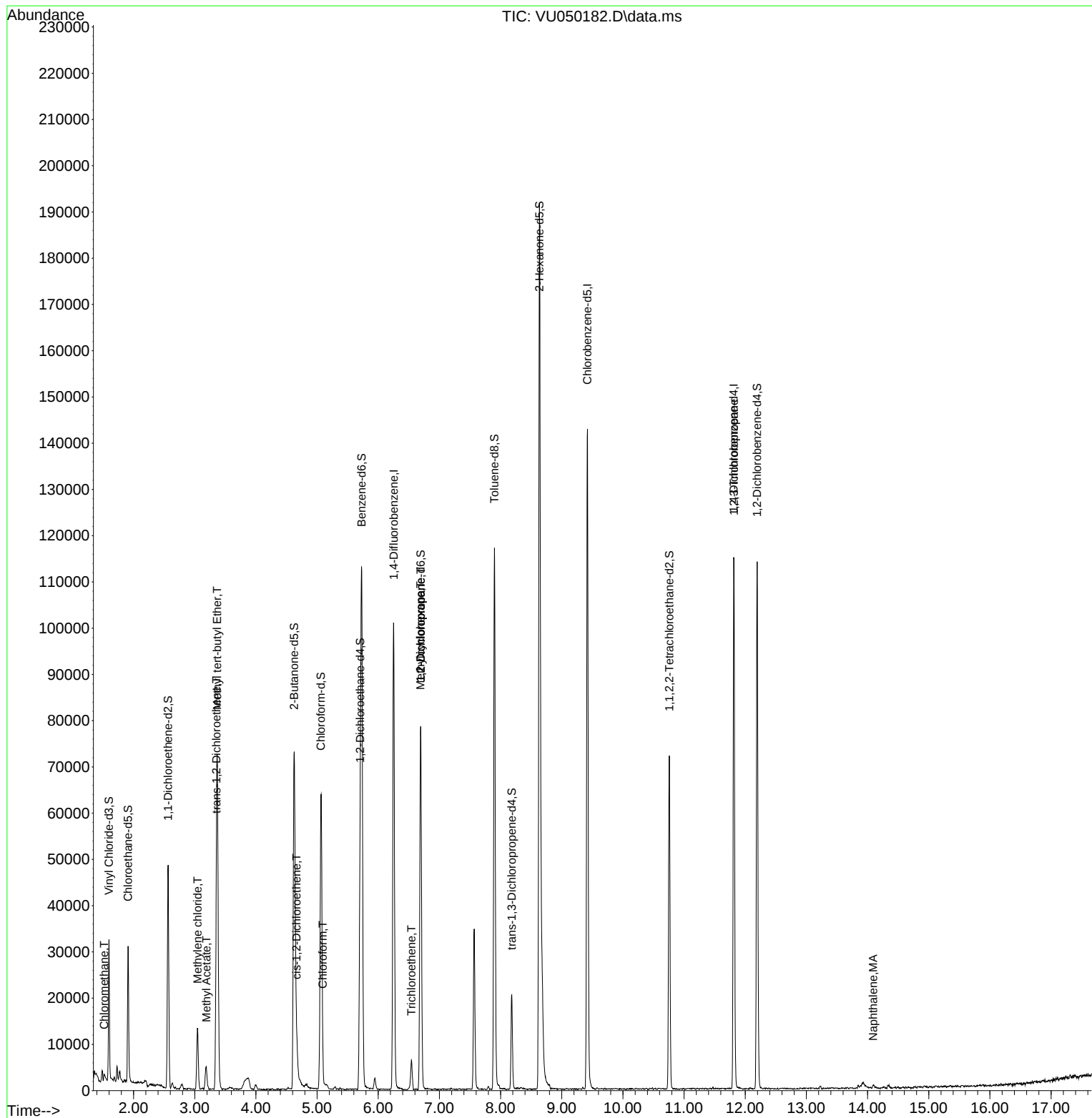
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	82809	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31436	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21929	3.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.909	69	22311	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.565	65	9129	3.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.623	46	102514	61.001	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.000%
24) Chloroform-d	5.063	84	60382	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.703	65	32648	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.729	84	108079	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.693	67	40456	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	82466	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.182	79	12036	3.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.635	63	61211	57.151	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38203	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	31091	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1614	0.163	ug/L	86
15) Methyl Acetate	3.189	43	558	0.218	ug/L #	46
16) Methylene chloride	3.044	84	6523	0.746	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	75585	5.060	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	844	0.132	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	1990	0.280	ug/L	93
25) Chloroform	5.092	83	329	0.025	ug/L	94
34) Trichloroethene	6.542	95	1905	0.274	ug/L	92
35) Methylcyclohexane	6.690	83	9193	1.025	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	3986	0.521	ug/L #	89
61) 1,2,3-Trichloropropane	11.815	75	3803	0.888	ug/L #	68
71) Naphthalene	14.092	128	1709	0.146	ug/L #	69

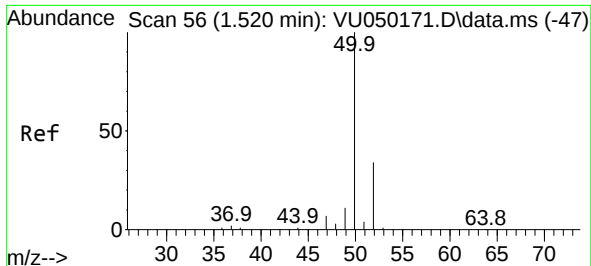
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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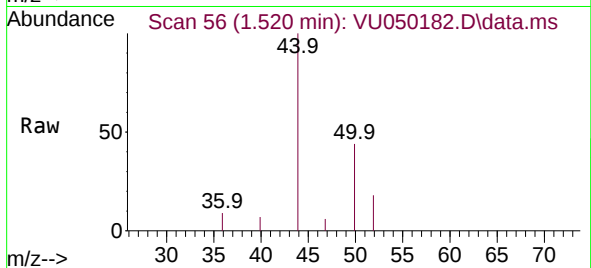
Quant Time: Aug 10 04:48:20 2022
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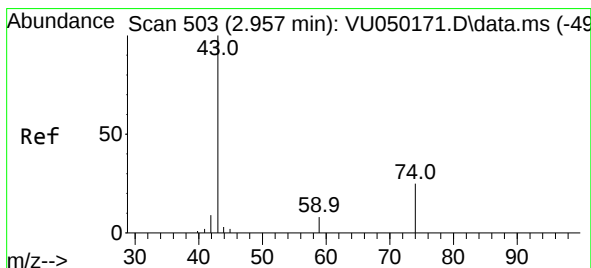
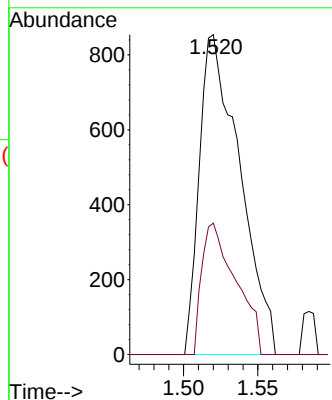
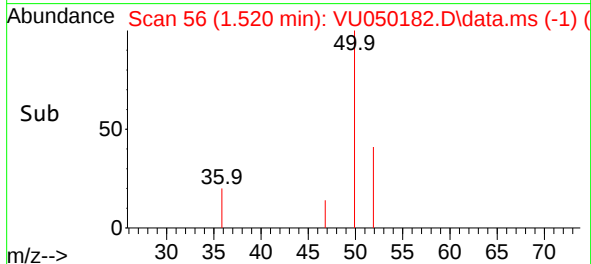


#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050182.D
Acq: 09 Aug 2022 14:31

Instrument :
MSVOA_U
ClientSampleId :

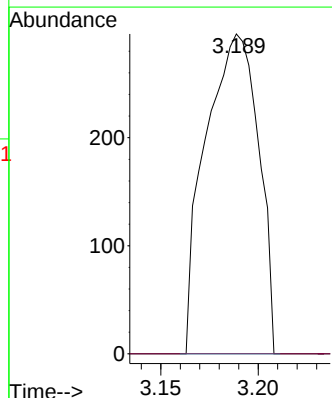
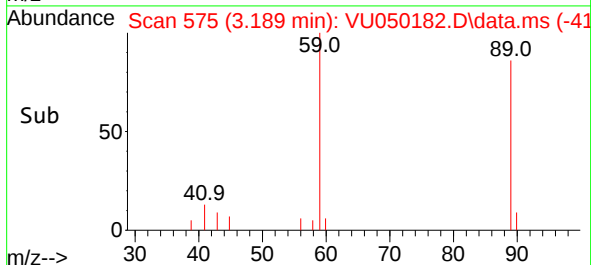
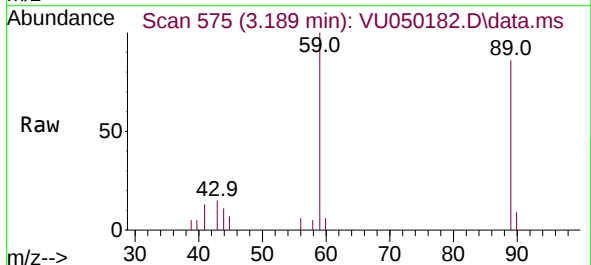


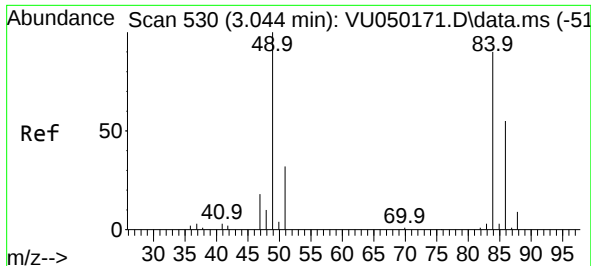
Tgt Ion: 50 Resp: 1614
Ion Ratio Lower Upper
50 100
52 41.1 23.2 43.2



#15
Methyl Acetate
Concen: 0.218 ug/L
RT: 3.189 min Scan# 575
Delta R.T. 0.231 min
Lab File: VU050182.D
Acq: 09 Aug 2022 14:31

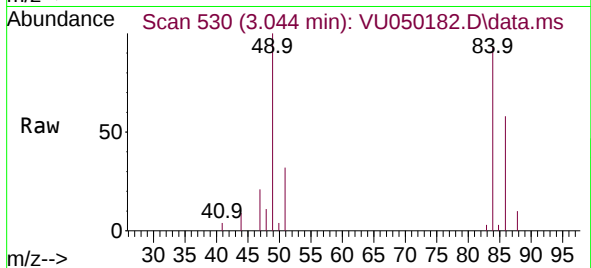
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#





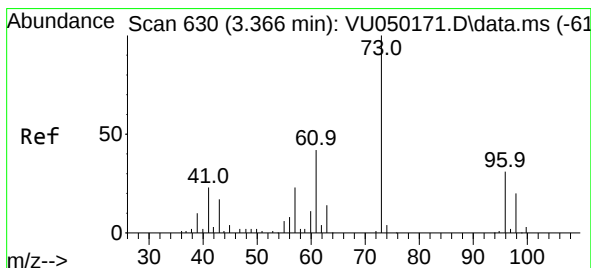
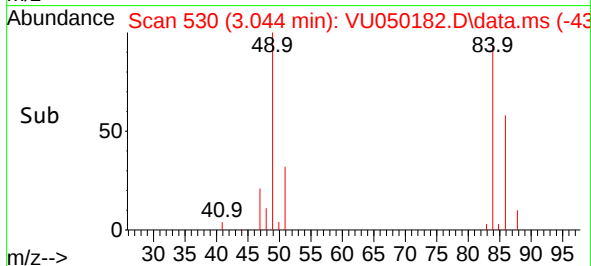
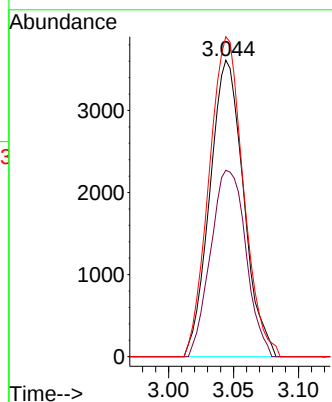
#16
Methylene chloride
Concen: 0.746 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050182.D
Acq: 09 Aug 2022 14:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6523

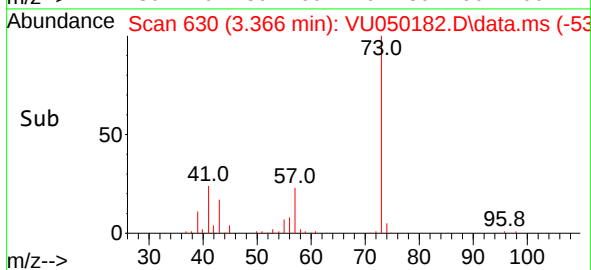
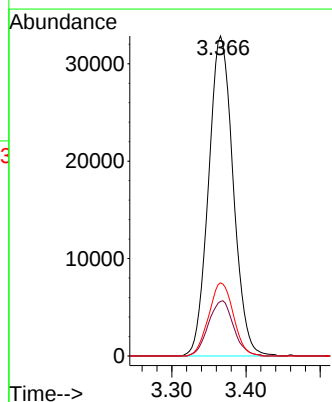
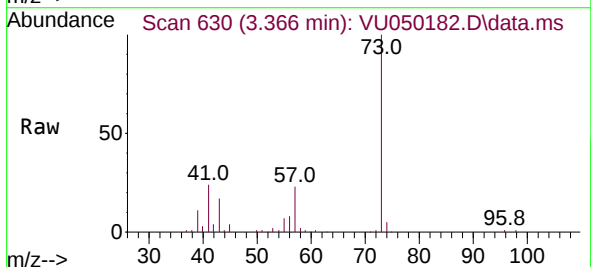
Ion	Ratio	Lower	Upper
84	100		
86	62.9	45.9	85.3
49	107.9	77.6	144.0

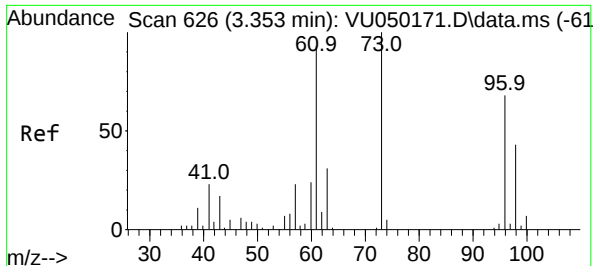


#17
Methyl tert-butyl Ether
Concen: 5.060 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU050182.D
Acq: 09 Aug 2022 14:31

Tgt Ion: 73 Resp: 75585

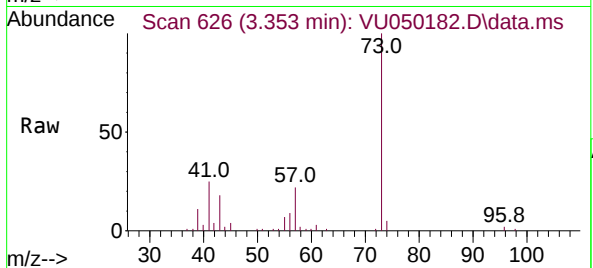
Ion	Ratio	Lower	Upper
73	100		
43	17.7	13.5	20.3
57	23.0	17.4	26.2



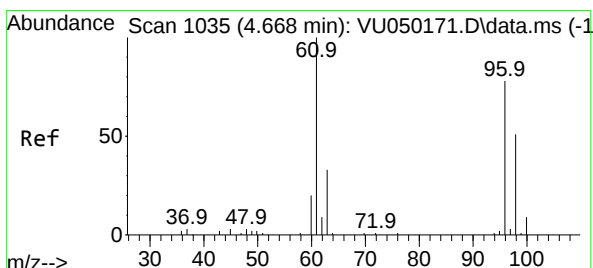
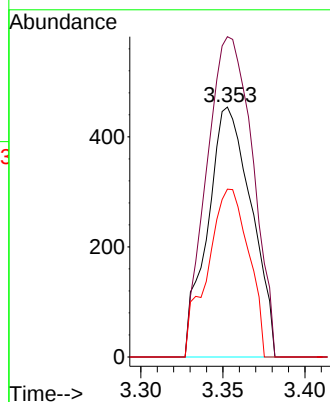
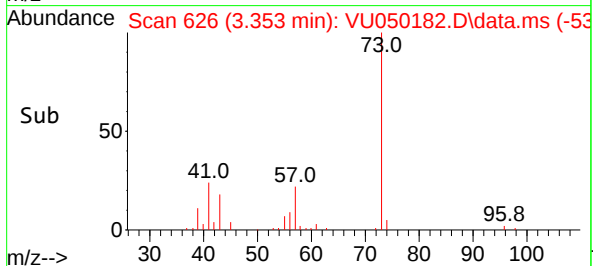


#18
trans-1,2-Dichloroethene
Concen: 0.132 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050182.D
Acq: 09 Aug 2022 14:31

Instrument :
MSVOA_U
ClientSampleId :

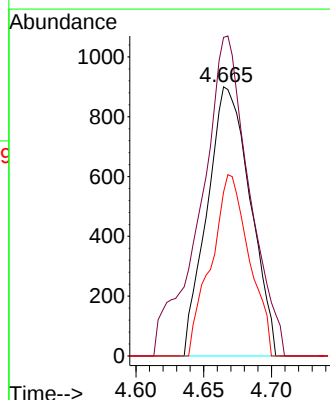
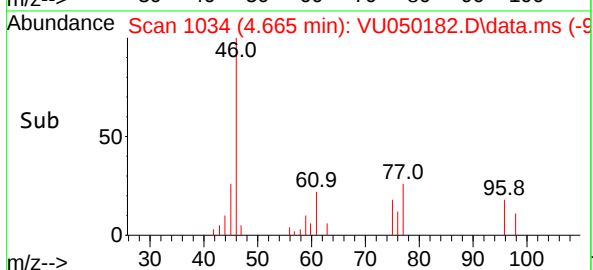
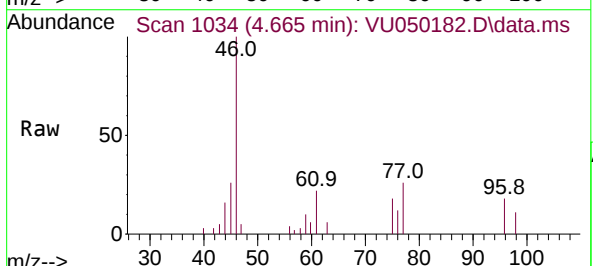


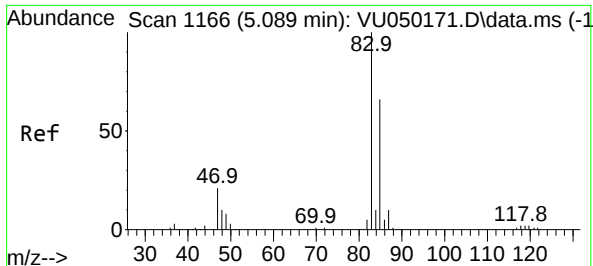
Tgt Ion: 96 Resp: 844
Ion Ratio Lower Upper
96 100
61 128.2 92.3 171.5
98 67.2 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.280 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050182.D
Acq: 09 Aug 2022 14:31

Tgt Ion: 96 Resp: 1990
Ion Ratio Lower Upper
96 100
61 118.3 89.0 165.4
98 60.9 45.2 84.0





#25

Chloroform

Concen: 0.025 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU050182.D

Acq: 09 Aug 2022 14:31

Instrument :

MSVOA_U

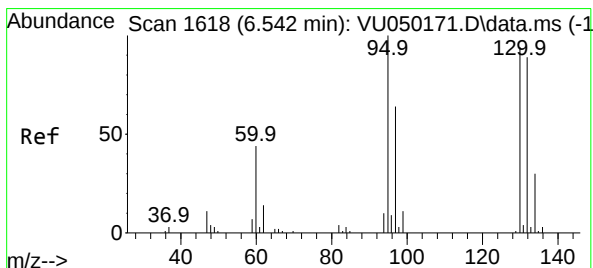
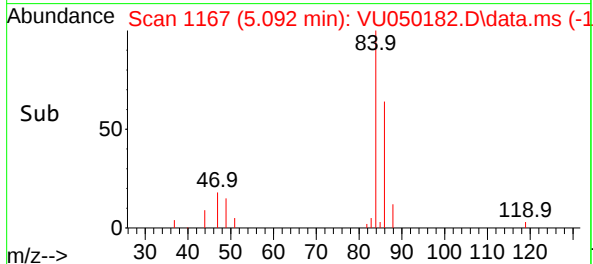
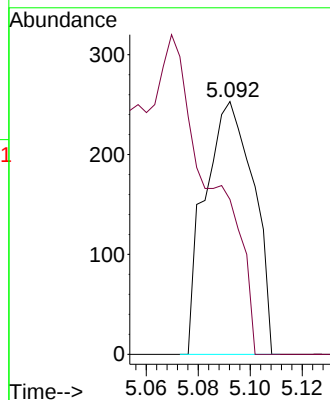
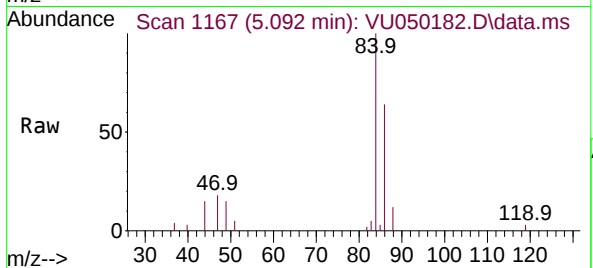
ClientSampleId :

Tgt Ion: 83 Resp: 329

Ion Ratio Lower Upper

83 100

85 61.3 46.1 85.5



#34

Trichloroethene

Concen: 0.274 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050182.D

Acq: 09 Aug 2022 14:31

Tgt Ion: 95 Resp: 1905

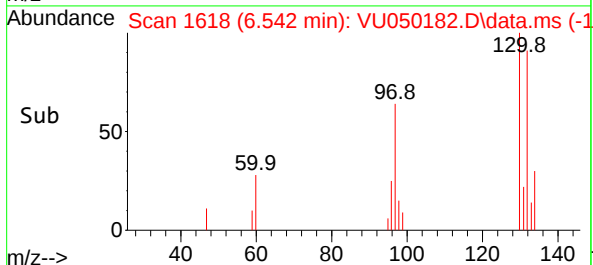
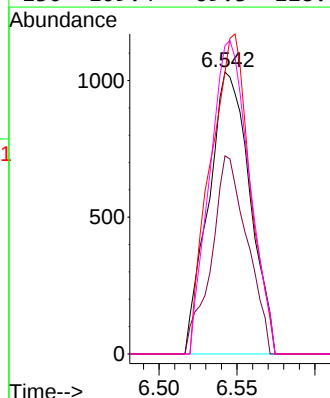
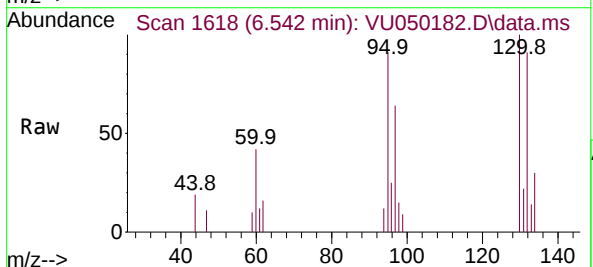
Ion Ratio Lower Upper

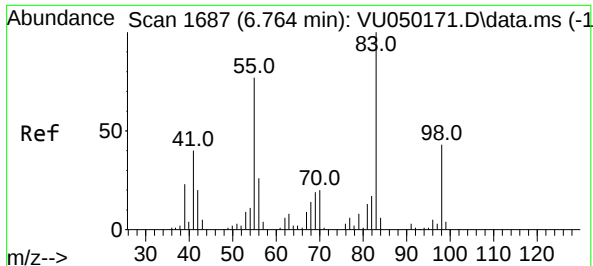
95 100

97 70.2 45.6 84.8

132 100.0 65.0 120.6

130 109.4 69.3 128.7





#35

Methylcyclohexane

Concen: 1.025 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050182.D

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Instrument :

MSVOA_U

ClientSampleId :

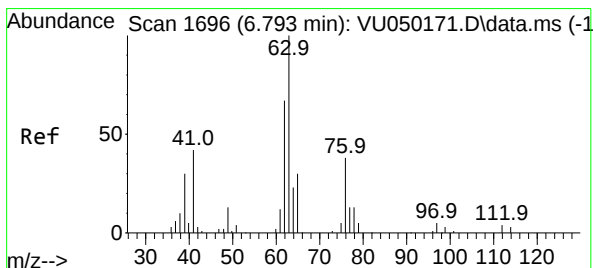
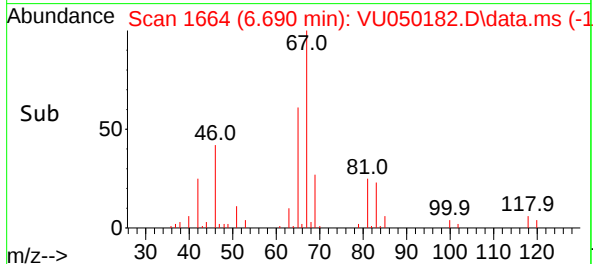
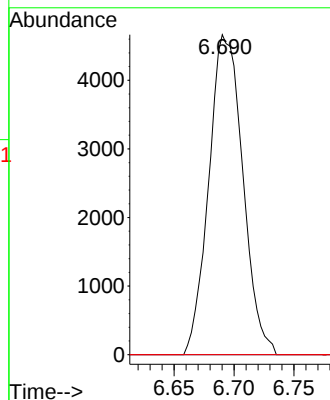
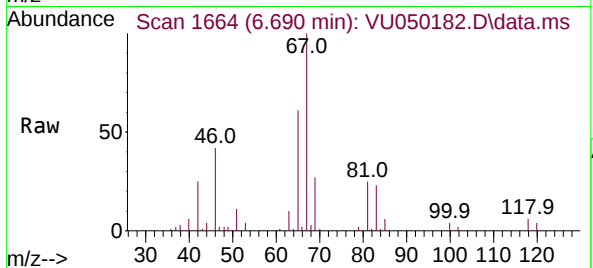
Tgt Ion: 83 Resp: 9193

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.8 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050182.D

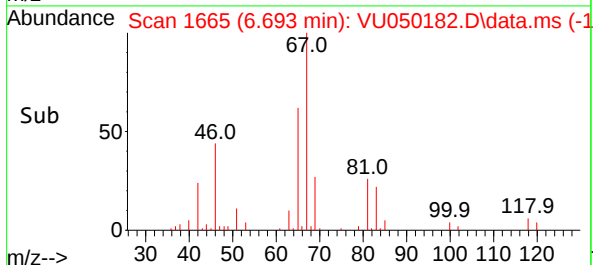
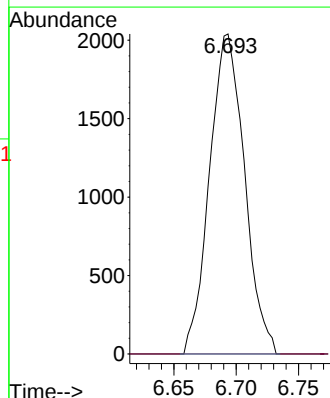
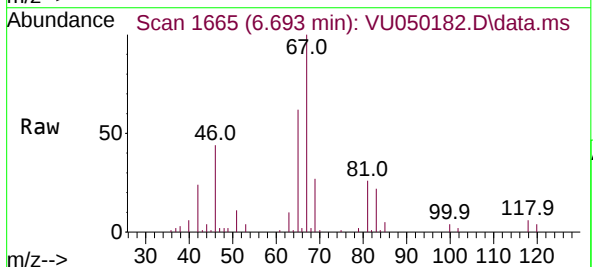
Acq: 09 Aug 2022 14:31

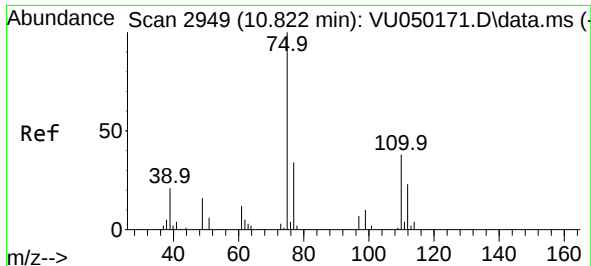
Tgt Ion: 63 Resp: 3986

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#61

1,2,3-Trichloropropane

Concen: 0.888 ug/L

RT: 11.815 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU050182.D

Acq: 09 Aug 2022 14:31

Instrument :

MSVOA_U

ClientSampleId :

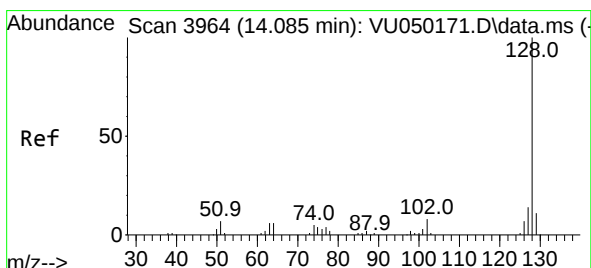
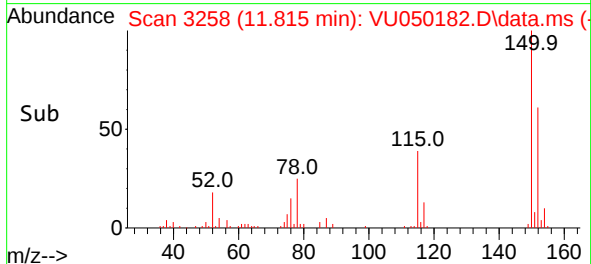
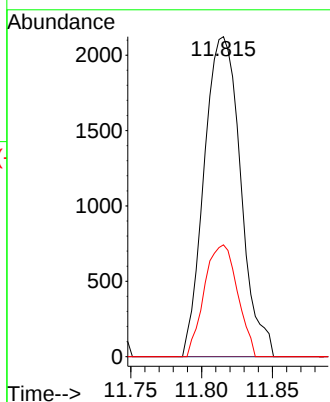
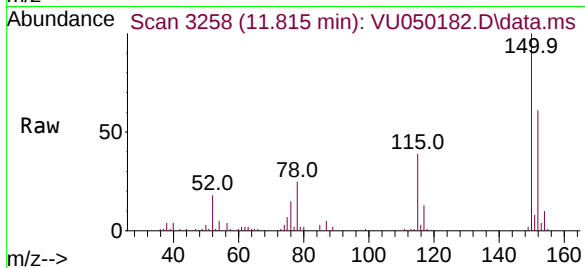
Tgt Ion: 75 Resp: 3803

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 31.7 25.8 38.6



#71

Naphthalene

Concen: 0.146 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU050182.D

Acq: 09 Aug 2022 14:31

Tgt Ion: 128 Resp: 1709

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 10.6 16.0#

