

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051633.D
 Acq On : 01 Nov 2022 00:43
 Operator : JC/MD
 Sample : N5321-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR5

Quant Time: Nov 01 05:59:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

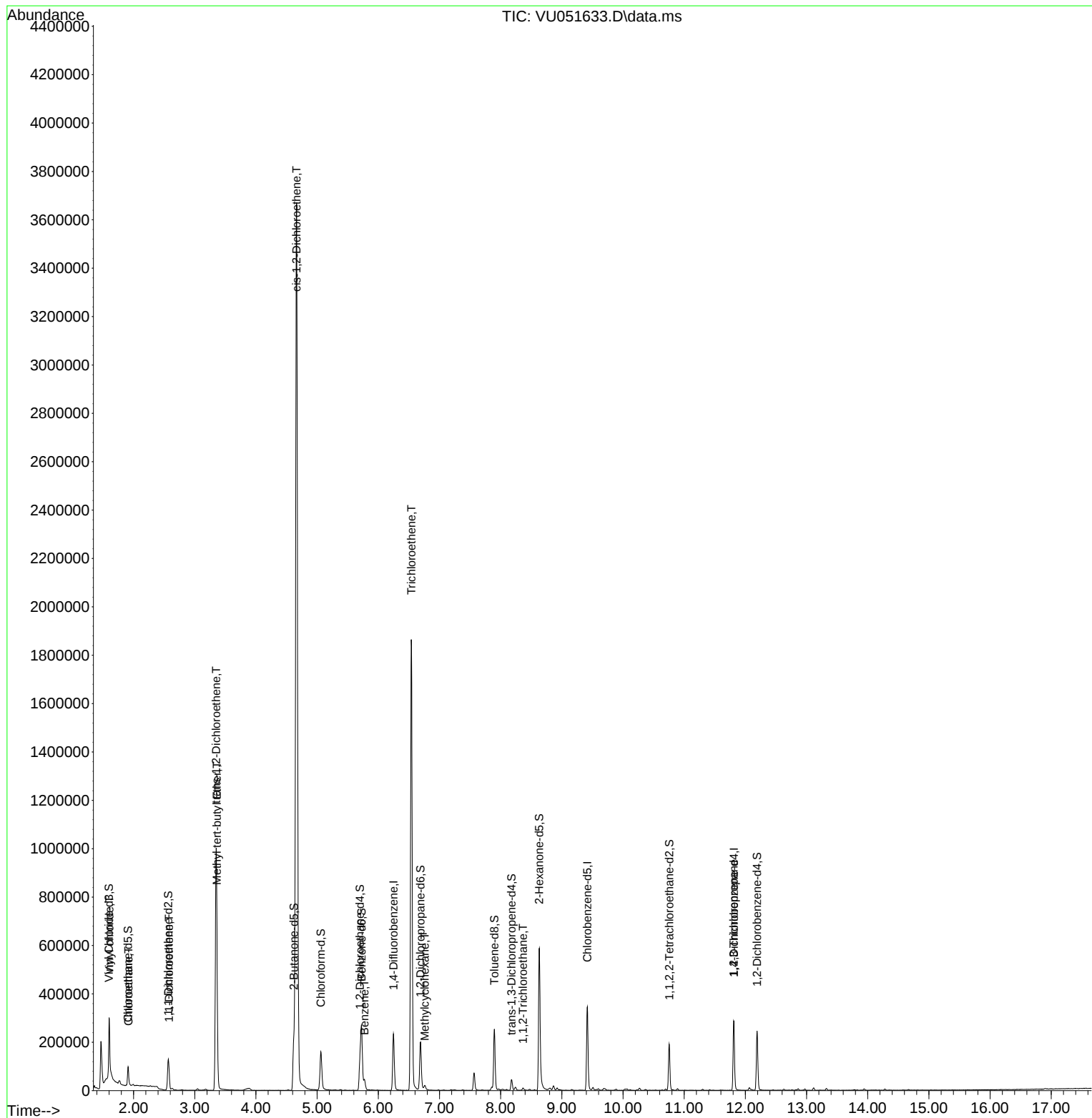
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	193299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	198539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48558	3.335	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.909	69	60157	3.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	18527	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.620	46	279315	52.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.960%
24) Chloroform-d	5.060	84	149499	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.700	65	84533	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.726	84	256319	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.690	67	97704	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.896	98	175423	3.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.179	79	27692	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.629	63	202421	50.197	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.400%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	98135	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	67754	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	131516	5.152	ug/L #	42
8) Chloroethane	1.916	64	1510	0.097	ug/L #	49
12) 1,1-Dichloroethene	2.578	96	19592	1.166	ug/L #	59
17) Methyl tert-butyl Ether	3.362	73	6189	0.161	ug/L #	87
18) trans-1,2-Dichloroethene	3.350	96	435758	24.162	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	1990149	99.730	ug/L	99
33) Benzene	5.774	78	41113	0.525	ug/L	100
34) Trichloroethene	6.539	95	648303	34.287	ug/L	99
35) Methylcyclohexane	6.761	83	7019	0.268	ug/L	91
45) 1,1,2-Trichloroethane	8.365	97	3075	0.208	ug/L #	18
61) 1,2,3-Trichloropropane	11.809	75	10097	0.958	ug/L #	68

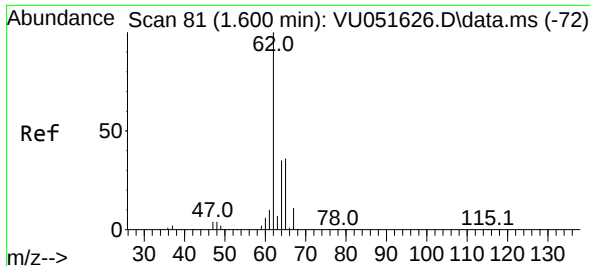
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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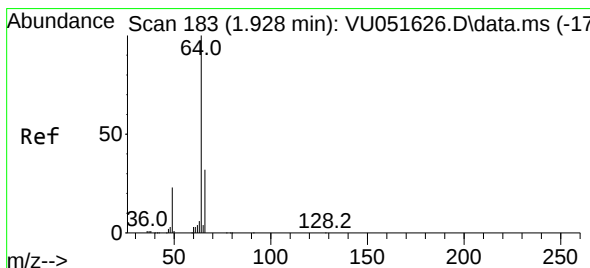
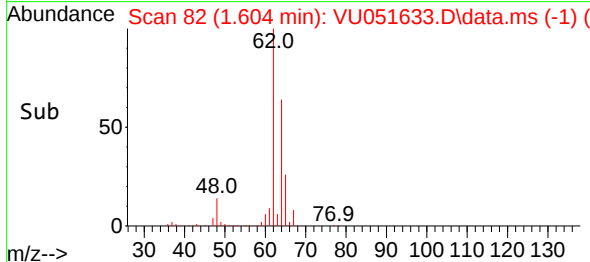
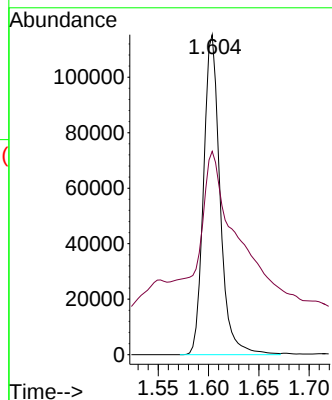
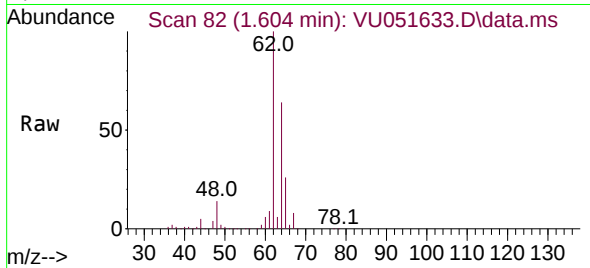




#5
 Vinyl chloride
 Concen: 5.152 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051633.D
 Acq: 01 Nov 2022 00:43

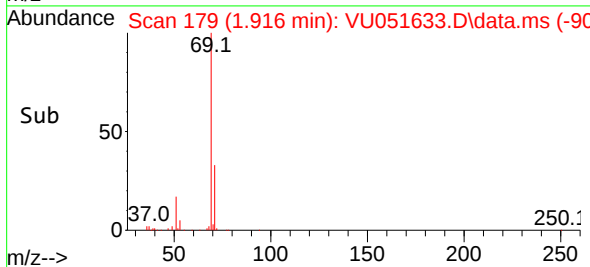
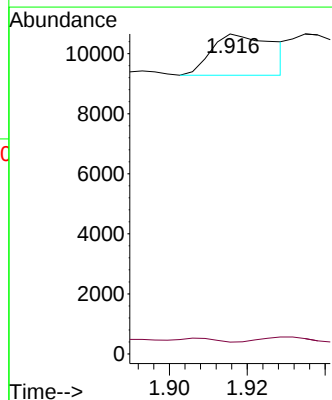
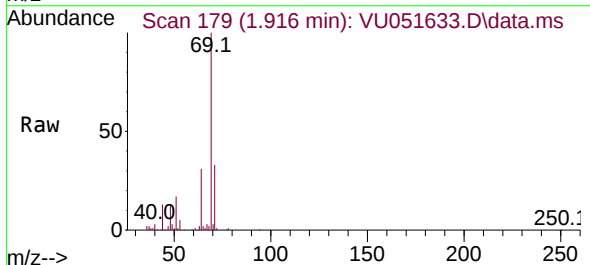
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR5

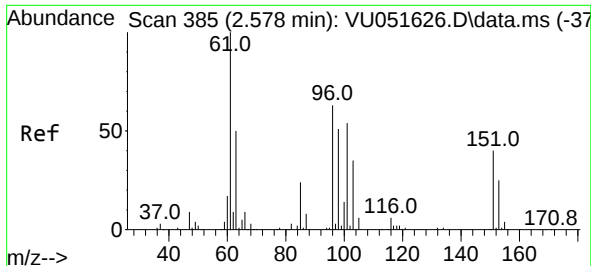
Tgt Ion: 62 Resp: 131516
 Ion Ratio Lower Upper
 62 100
 64 63.6 22.1 41.1#



#8
 Chloroethane
 Concen: 0.097 ug/L
 RT: 1.916 min Scan# 179
 Delta R.T. -0.013 min
 Lab File: VU051633.D
 Acq: 01 Nov 2022 00:43

Tgt Ion: 64 Resp: 1510
 Ion Ratio Lower Upper
 64 100
 66 3.7 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 1.166 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051633.D

Acq: 01 Nov 2022 00:43

Instrument :

MSVOA_U

ClientSampleId :

DBWR5

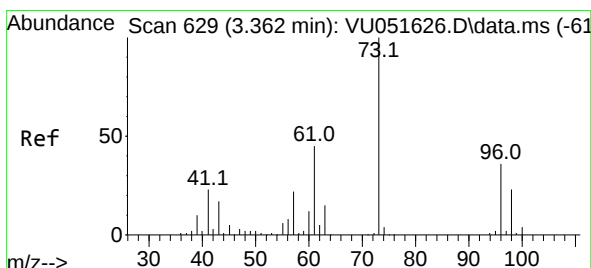
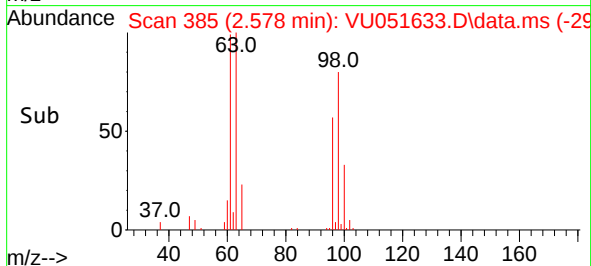
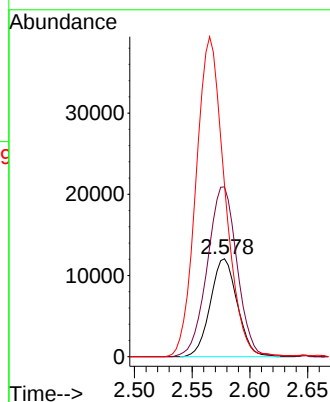
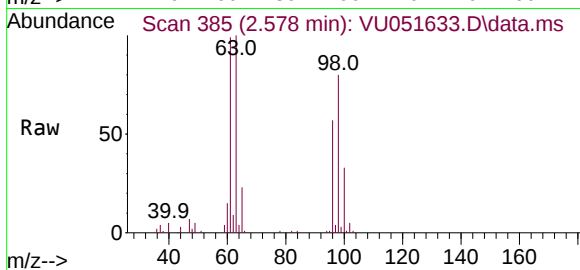
Tgt Ion: 96 Resp: 19592

Ion Ratio Lower Upper

96 100

61 173.2 108.8 202.0

63 175.1 64.9 120.5#



#17

Methyl tert-butyl Ether

Concen: 0.161 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU051633.D

Acq: 01 Nov 2022 00:43

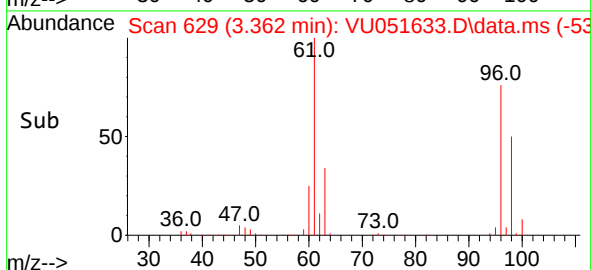
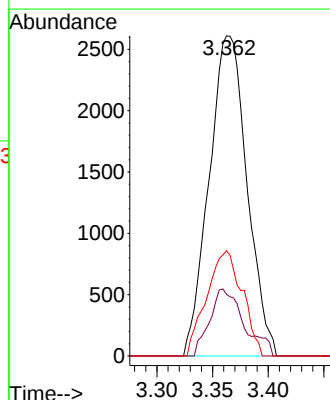
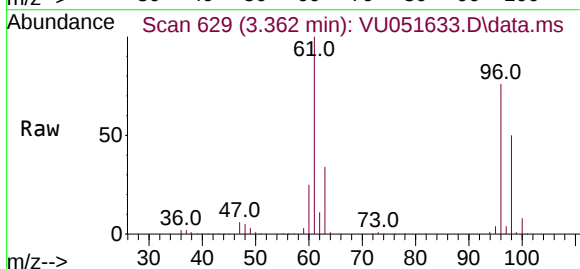
Tgt Ion: 73 Resp: 6189

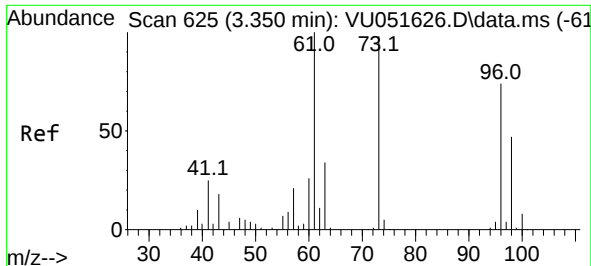
Ion Ratio Lower Upper

73 100

43 19.0 13.6 20.4

57 30.8 17.5 26.3#

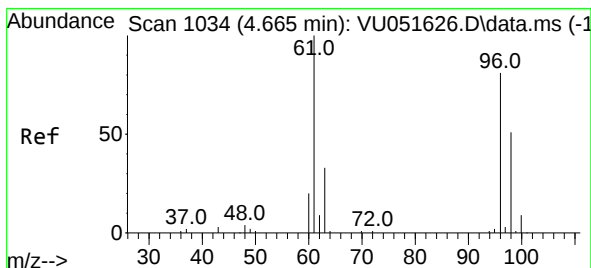
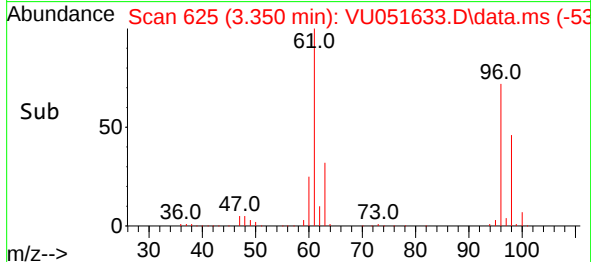
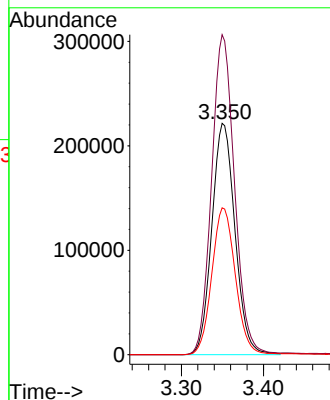
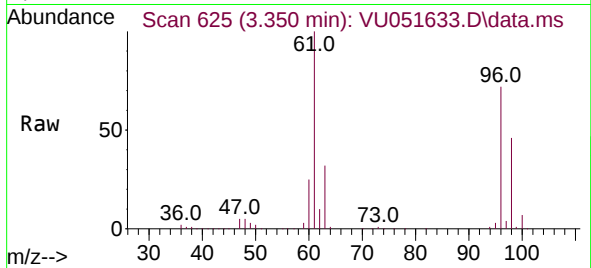




#18
trans-1,2-Dichloroethene
Concen: 24.162 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051633.D
Acq: 01 Nov 2022 00:43

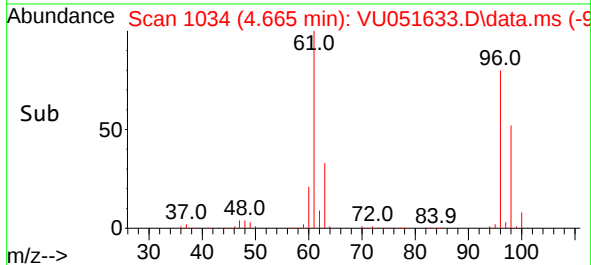
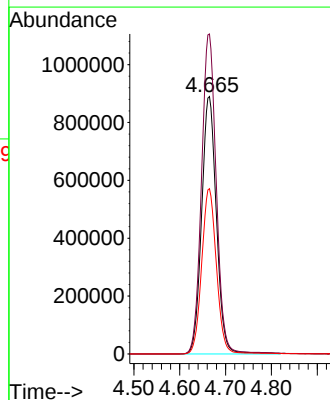
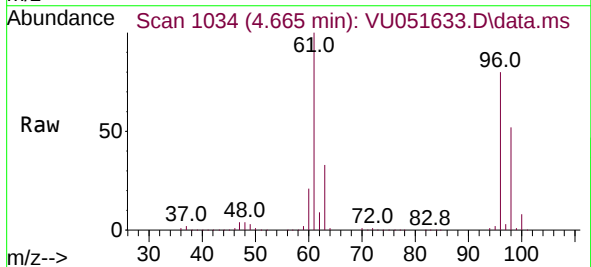
Instrument :
MSVOA_U
ClientSampleId :
DBWR5

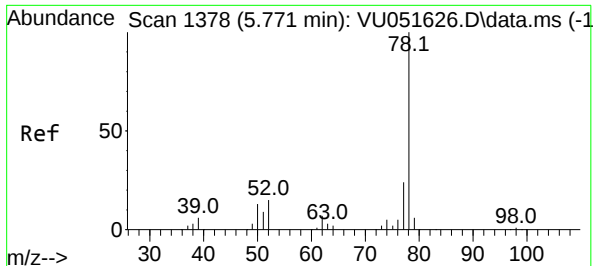
Tgt Ion: 96 Resp: 435758
Ion Ratio Lower Upper
96 100
61 138.3 94.7 175.9
98 63.5 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 99.730 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051633.D
Acq: 01 Nov 2022 00:43

Tgt Ion: 96 Resp: 1990149
Ion Ratio Lower Upper
96 100
61 124.3 86.4 160.4
98 64.2 44.2 82.2

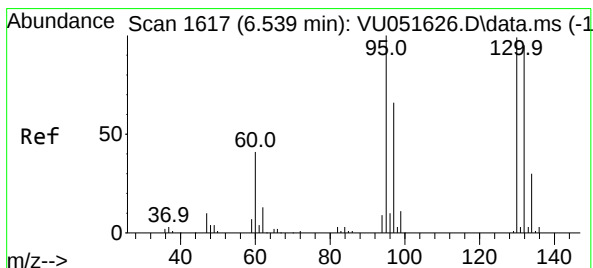
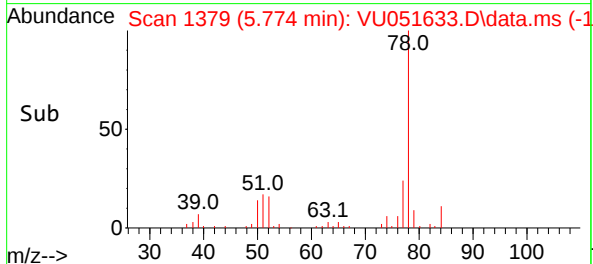
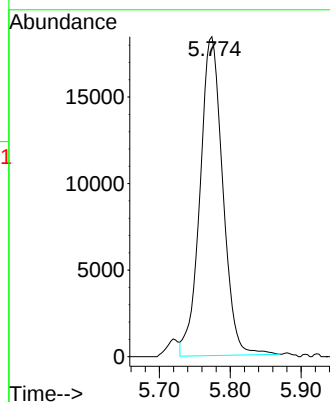
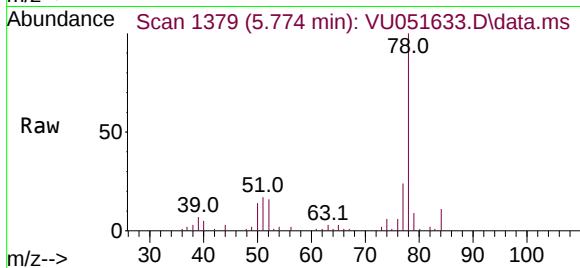




#33
Benzene
Concen: 0.525 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051633.D
Acq: 01 Nov 2022 00:43

Instrument :
MSVOA_U
ClientSampleId :
DBWR5

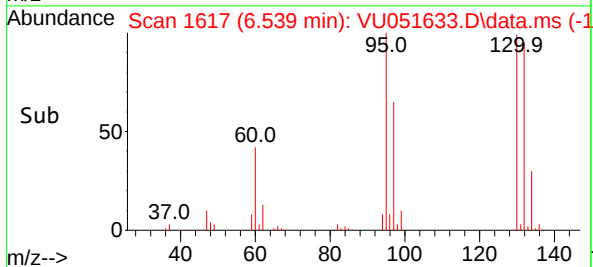
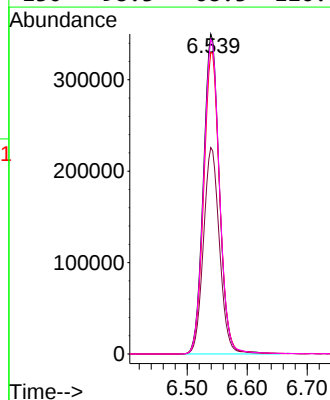
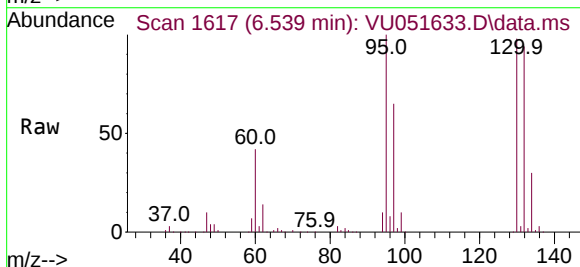
Tgt Ion: 78 Resp: 41113

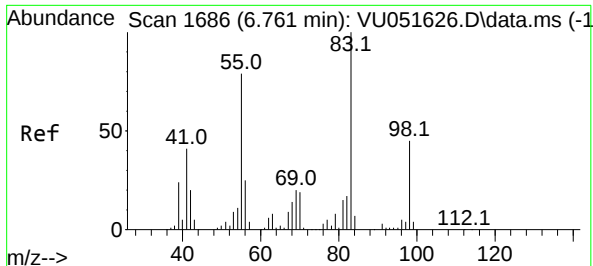


#34
Trichloroethene
Concen: 34.287 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051633.D
Acq: 01 Nov 2022 00:43

Tgt Ion: 95 Resp: 648303

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	94.2	66.5	123.5
130	98.3	68.3	126.8





#35

Methylcyclohexane

Concen: 0.268 ug/L

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051633.D

Acq: 01 Nov 2022 00:43

Instrument :

MSVOA_U

ClientSampleId :

DBWR5

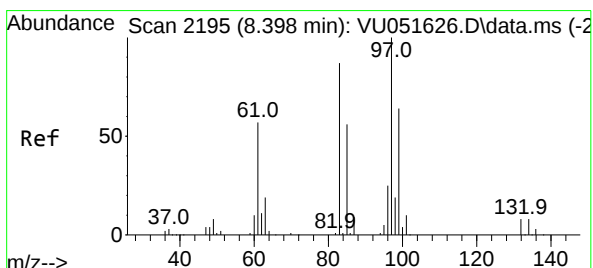
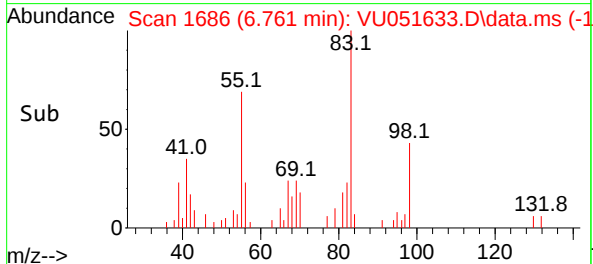
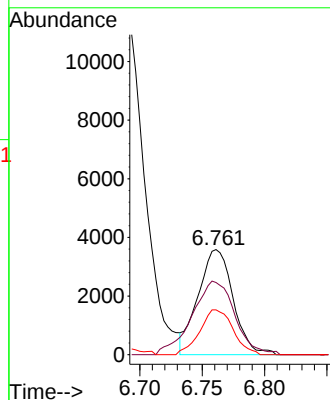
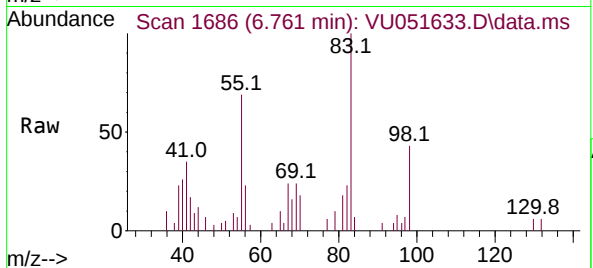
Tgt Ion: 83 Resp: 7019

Ion Ratio Lower Upper

83 100

55 85.1 60.6 90.8

98 40.5 35.8 53.6



#45

1,1,2-Trichloroethane

Concen: 0.208 ug/L

RT: 8.365 min Scan# 2185

Delta R.T. -0.032 min

Lab File: VU051633.D

Acq: 01 Nov 2022 00:43

Tgt Ion: 97 Resp: 3075

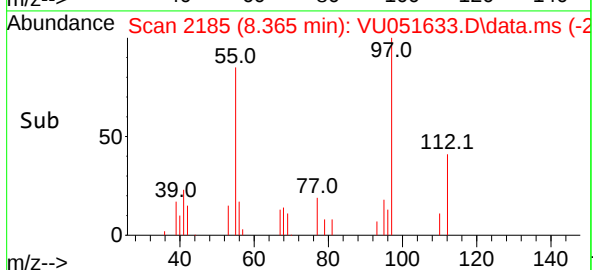
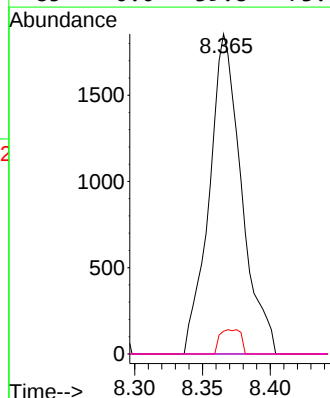
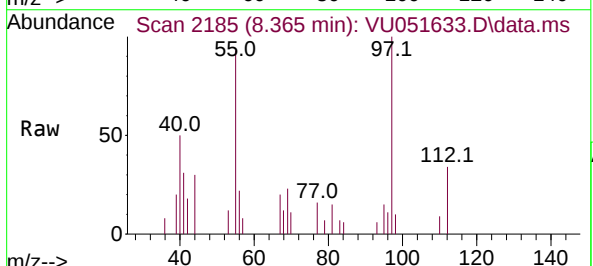
Ion Ratio Lower Upper

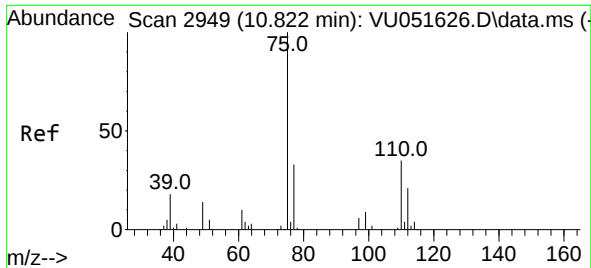
97 100

99 0.0 43.4 80.6#

83 7.1 61.3 113.9#

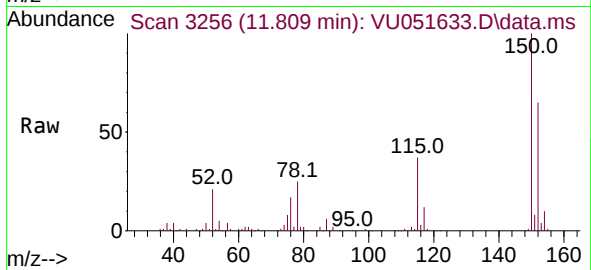
85 0.0 39.8 73.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.958 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051633.D
 Acq: 01 Nov 2022 00:43

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR5



Tgt Ion: 75 Resp: 10097
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.7 43.1#
 77 31.9 26.1 39.1

