

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051694.D
 Acq On : 02 Nov 2022 16:05
 Operator : JC/MD
 Sample : N5321-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR5DL

Quant Time: Nov 03 01:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

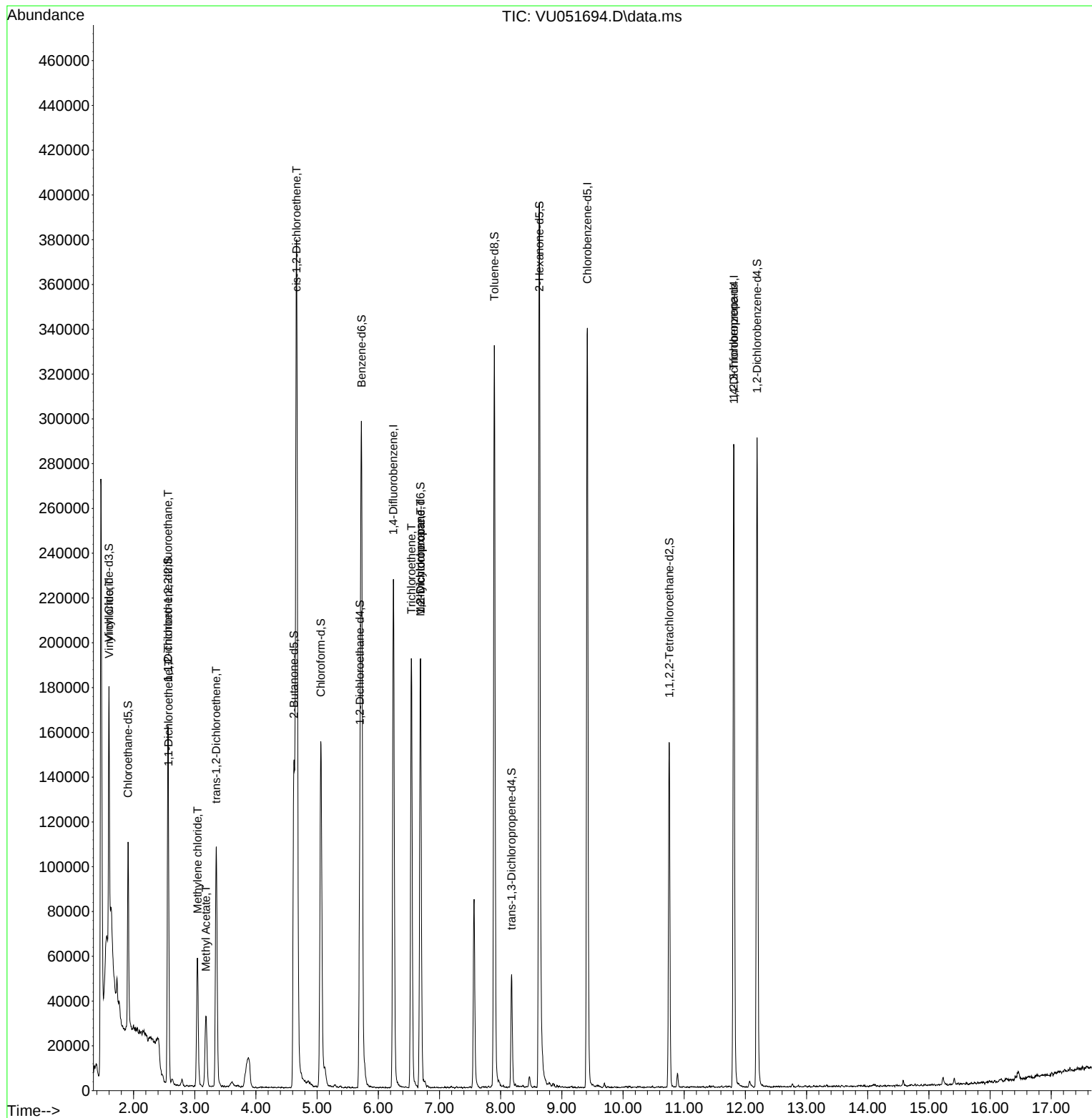
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82180	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73426	5.132	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.909	69	66401	4.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.562	65	29863	5.751	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	115.000%	
20) 2-Butanone-d5	4.620	46	179498	34.640	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.280%	
24) Chloroform-d	5.060	84	151581	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.700	65	72682	4.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
32) Benzene-d6	5.726	84	290533	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.690	67	97710	4.504	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.896	98	233892	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.179	79	29060	4.381	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.632	63	136078	34.081	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.160%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	79756	4.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	81641	5.413	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
5) Vinyl chloride	1.601	62	15132	0.603	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	966	0.060	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	2725	0.165	ug/L #	1
15) Methyl Acetate	3.183	43	2624	0.381	ug/L #	53
16) Methylene chloride	3.044	84	28779	1.064	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	47629	2.687	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	201191	10.258	ug/L	100
34) Trichloroethene	6.539	95	68205	3.643	ug/L	97
35) Methylcyclohexane	6.687	83	21758	0.841	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9630	0.483	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9258	0.871	ug/L #	70

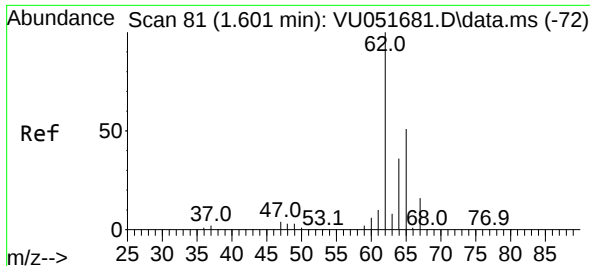
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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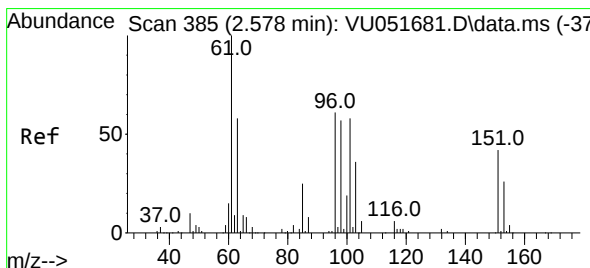
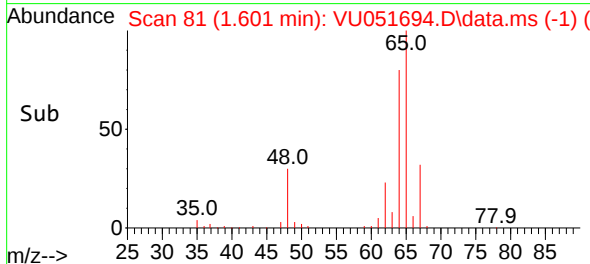
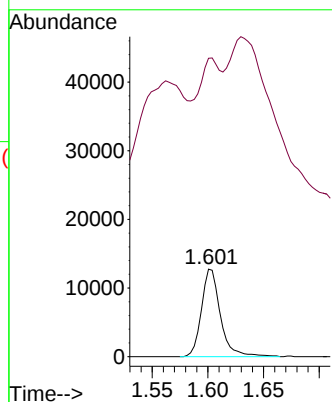
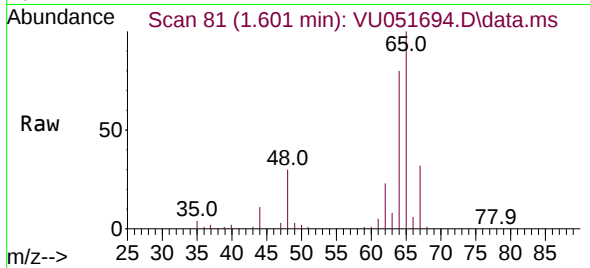




#5
 Vinyl chloride
 Concen: 0.603 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051694.D
 Acq: 02 Nov 2022 16:05

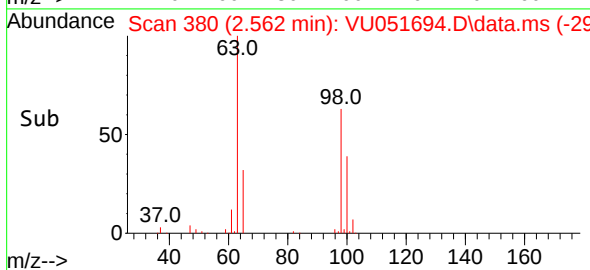
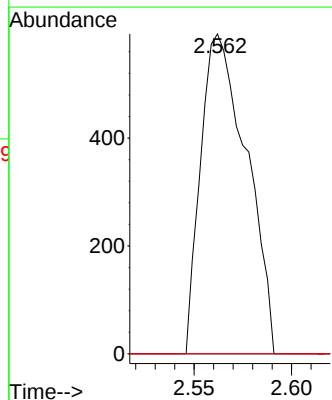
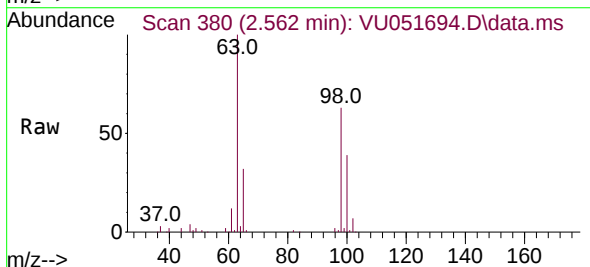
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR5DL

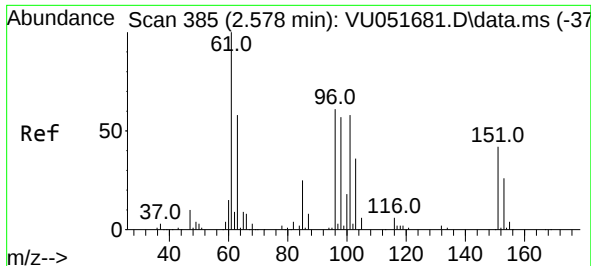
Tgt Ion: 62 Resp: 15132
 Ion Ratio Lower Upper
 62 100
 64 341.0 22.1 41.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.060 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU051694.D
 Acq: 02 Nov 2022 16:05

Tgt Ion: 101 Resp: 966
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#





#12

1,1-Dichloroethene

Concen: 0.165 ug/L

RT: 2.572 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU051694.D

Acq: 02 Nov 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

DBWR5DL

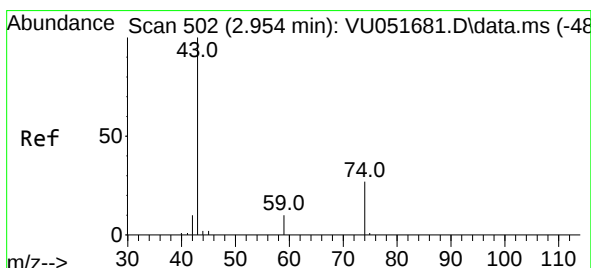
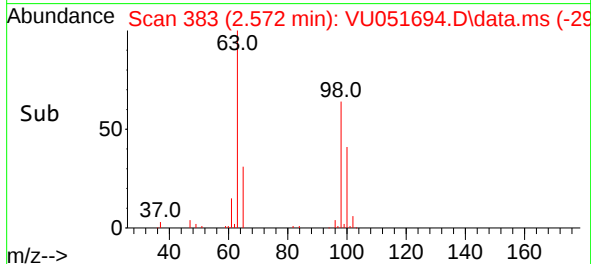
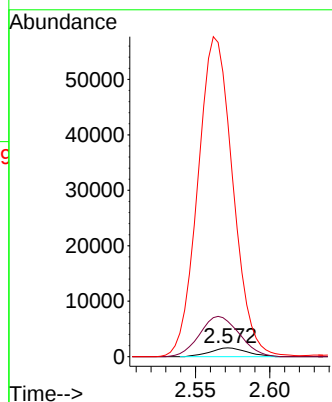
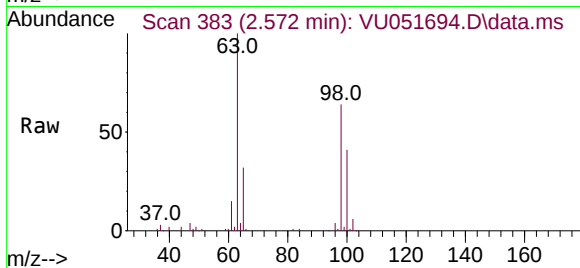
Tgt Ion: 96 Resp: 2725

Ion Ratio Lower Upper

96 100

61 401.0 108.8 202.0#

63 2679.9 64.9 120.5#



#15

Methyl Acetate

Concen: 0.381 ug/L

RT: 3.183 min Scan# 573

Delta R.T. 0.228 min

Lab File: VU051694.D

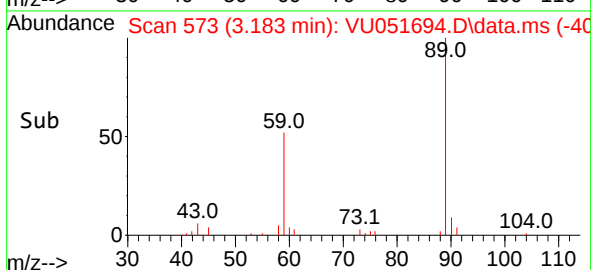
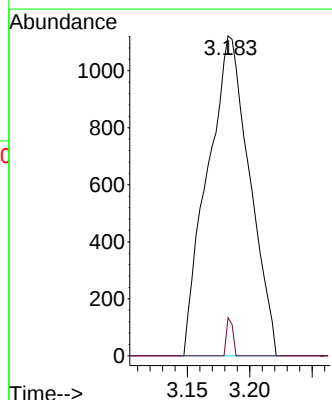
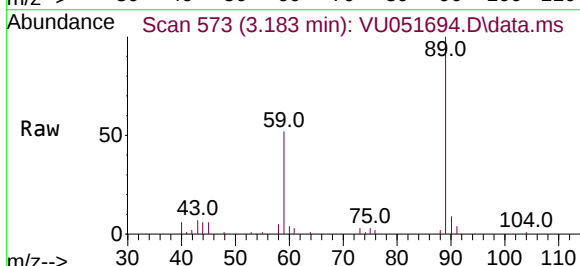
Acq: 02 Nov 2022 16:05

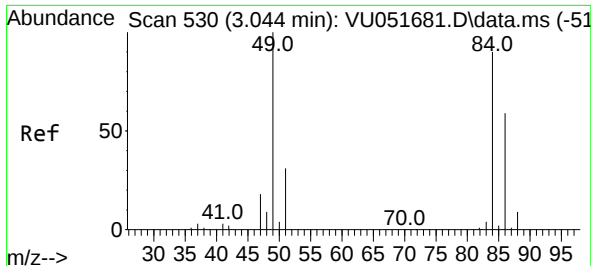
Tgt Ion: 43 Resp: 2624

Ion Ratio Lower Upper

43 100

74 1.8 20.2 30.4#

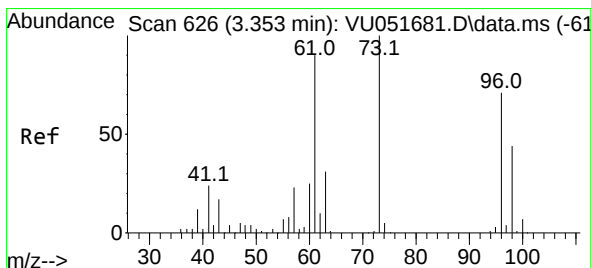
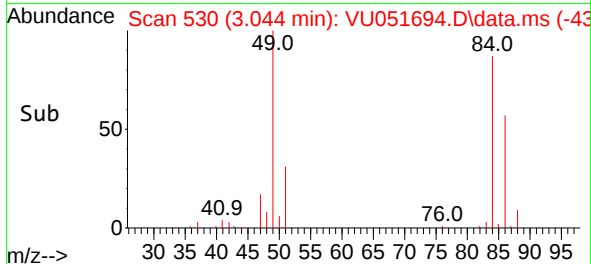
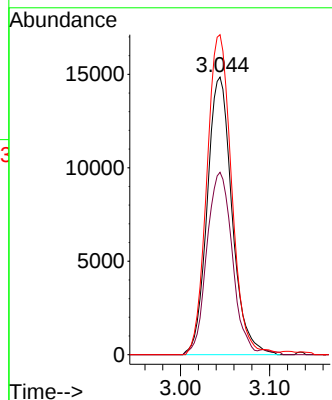
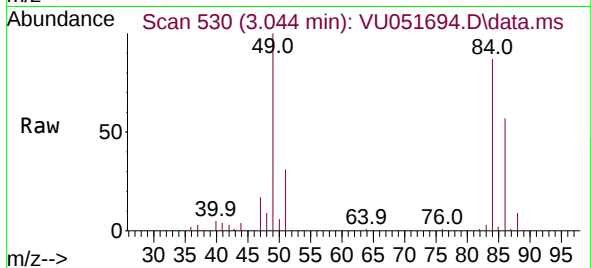




#16
Methylene chloride
Concen: 1.064 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051694.D
Acq: 02 Nov 2022 16:05

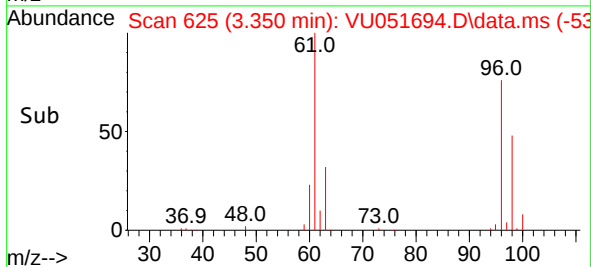
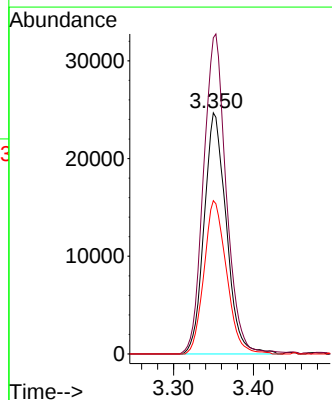
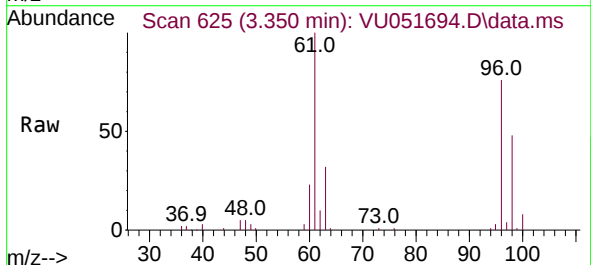
Instrument :
MSVOA_U
ClientSampleId :
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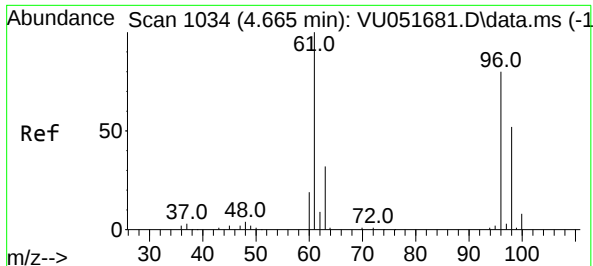
Tgt Ion: 84 Resp: 28779
Ion Ratio Lower Upper
84 100
86 65.7 46.3 85.9
49 115.3 76.0 141.2



#18
trans-1,2-Dichloroethene
Concen: 2.687 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051694.D
Acq: 02 Nov 2022 16:05

Tgt Ion: 96 Resp: 47629
Ion Ratio Lower Upper
96 100
61 131.1 94.7 175.9
98 63.6 44.2 82.0

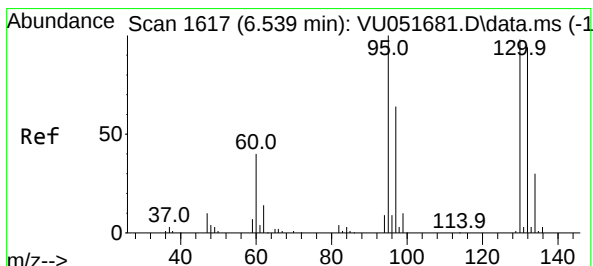
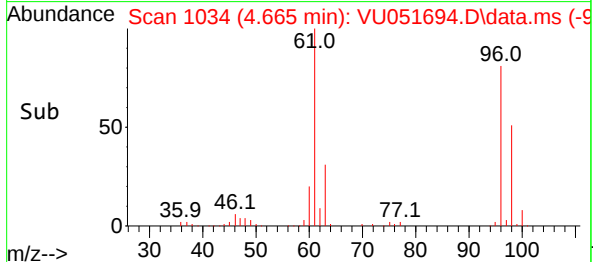
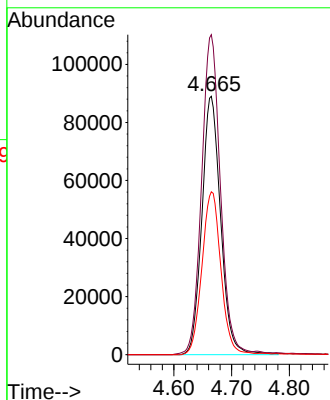
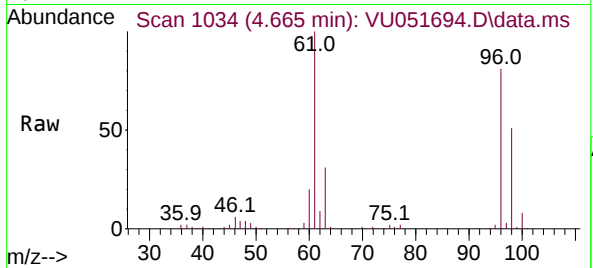




#22
cis-1,2-Dichloroethene
Concen: 10.258 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051694.D
Acq: 02 Nov 2022 16:05

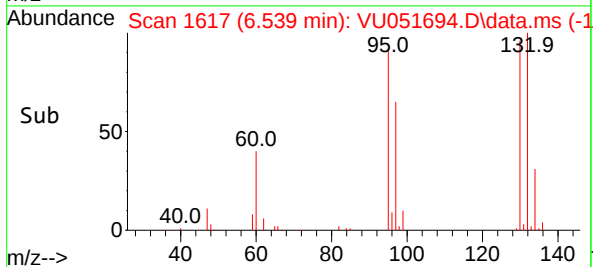
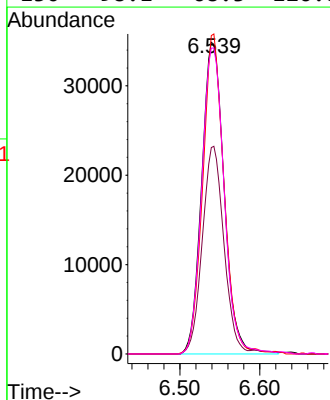
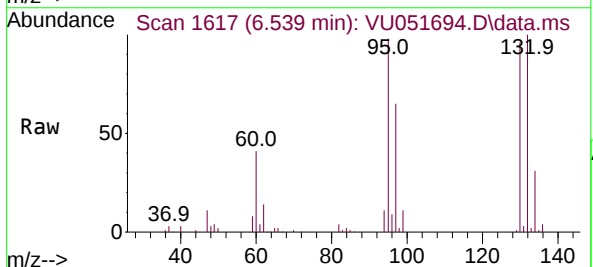
Instrument :
MSVOA_U
ClientSampleId :
DBWR5DL

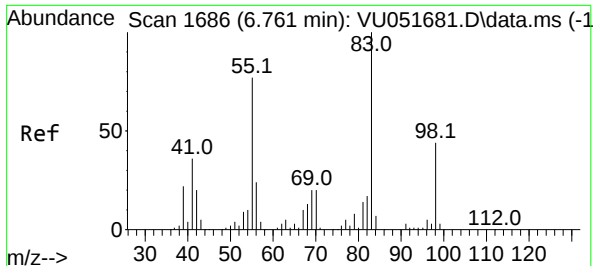
Tgt Ion: 96 Resp: 201191
Ion Ratio Lower Upper
96 100
61 123.9 86.4 160.4
98 63.1 44.2 82.2



#34
Trichloroethene
Concen: 3.643 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051694.D
Acq: 02 Nov 2022 16:05

Tgt Ion: 95 Resp: 68205
Ion Ratio Lower Upper
95 100
97 66.2 45.2 84.0
132 102.2 66.5 123.5
130 98.1 68.3 126.8





#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051694.D

Acq: 02 Nov 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

DBWR5DL

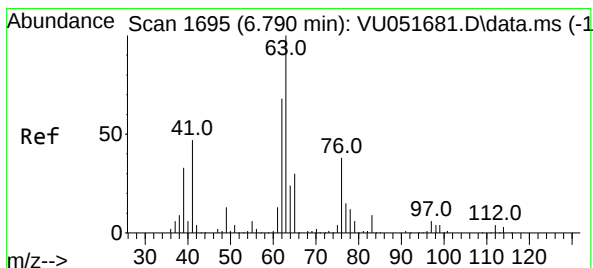
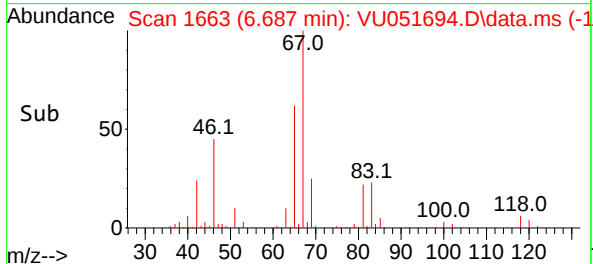
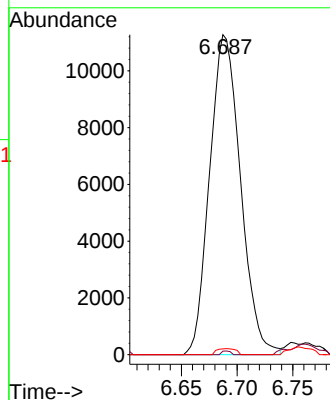
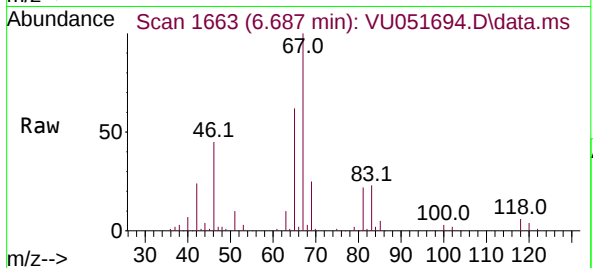
Tgt Ion: 83 Resp: 21758

Ion Ratio Lower Upper

83 100

55 0.3 60.6 90.8#

98 1.2 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051694.D

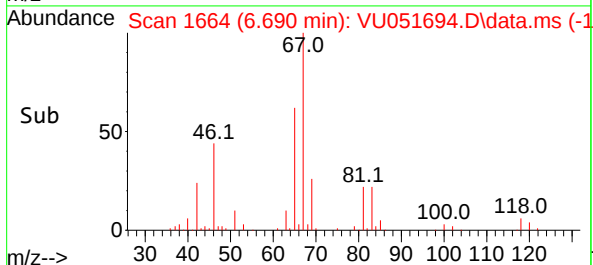
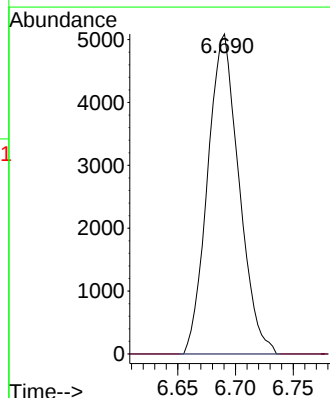
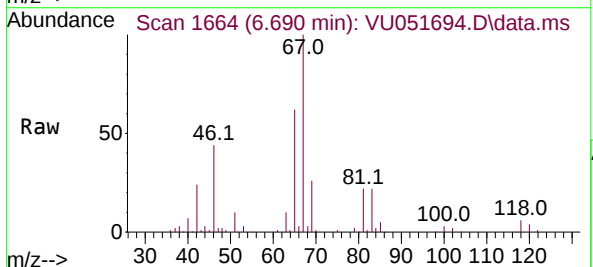
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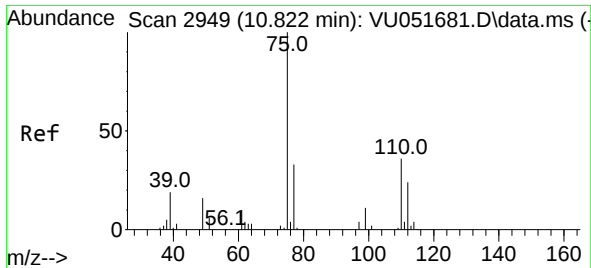
Tgt Ion: 63 Resp: 9630

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 0.871 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU051694.D

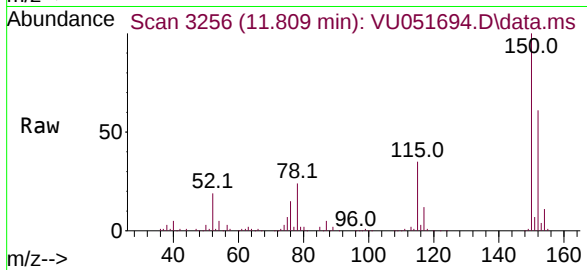
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Tgt Ion:	75	Resp:	9258
Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.7	43.1#
77	32.3	26.1	39.1

