

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050292.D
 Acq On : 12 Aug 2022 20:04
 Operator : SY/MD
 Sample : N4072-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:23:34 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)

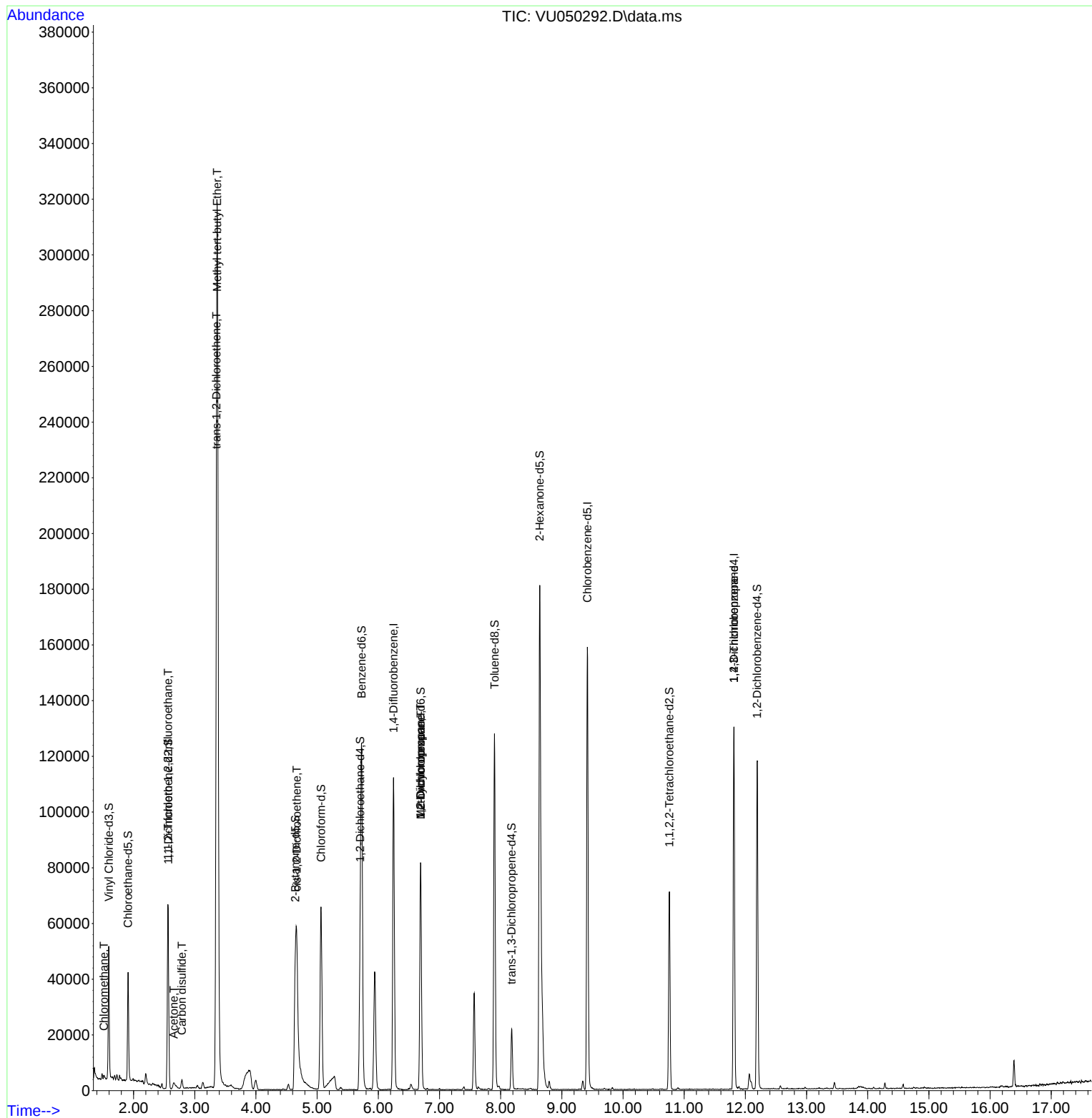
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90689	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	33522	4.442	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.909	69	28023	4.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.565	65	12361	4.191	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	4.645	46	99085	53.837	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.680%	
24) Chloroform-d	5.063	84	63010	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.703	65	34336	4.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.726	84	116519	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.694	67	41001	4.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.899	98	87330	3.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	8.179	79	13183	4.014	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.639	63	59772	51.316	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36813	4.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	31853	4.549	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1889	0.174	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	296	0.050	ug/L #	22
13) Acetone	2.655	43	4333	4.227	ug/L	90
14) Carbon disulfide	2.790	76	4437	0.198	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	351915	21.510	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	990	0.141	ug/L	88
22) cis-1,2-Dichloroethene	4.668	96	13962	1.792	ug/L	97
35) Methylcyclohexane	6.694	83	9063	0.929	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4001	0.481	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4789	0.984	ug/L #	64

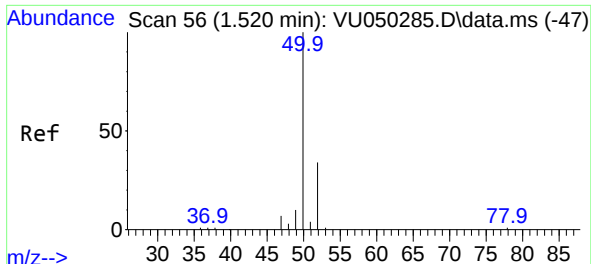
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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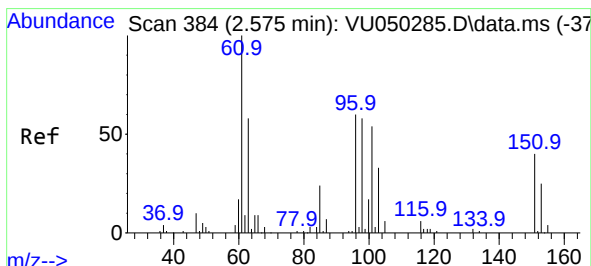
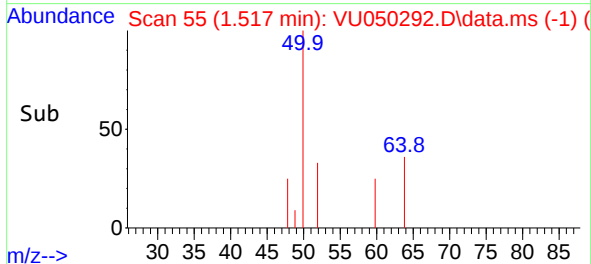
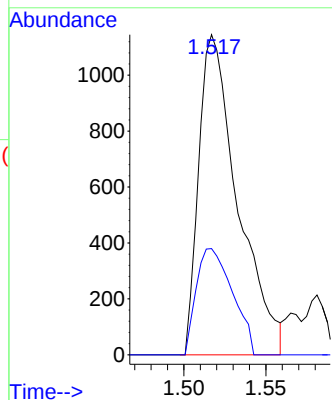
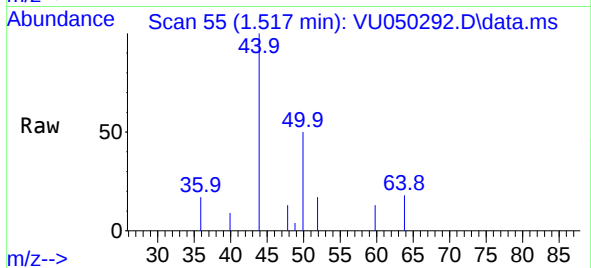




#3
Chloromethane
Concen: 0.174 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

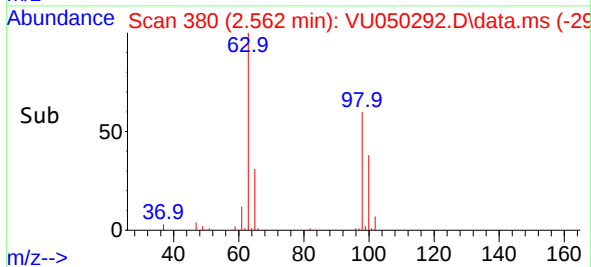
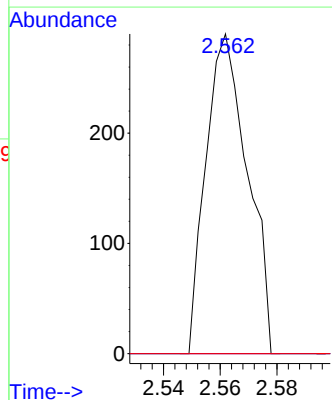
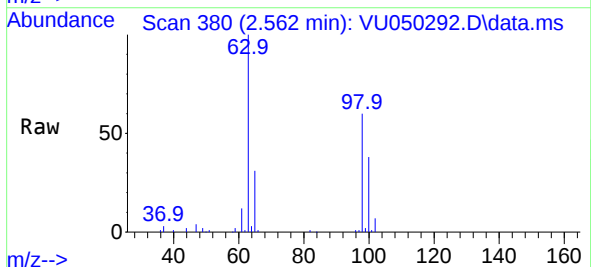
Instrument :
MSVOA_U
ClientSampleId :

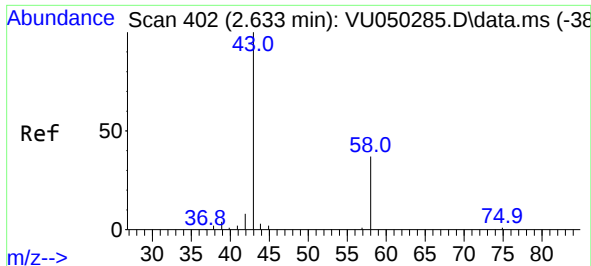
Tgt Ion: 50 Resp: 1889
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

Tgt Ion:101 Resp: 296
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

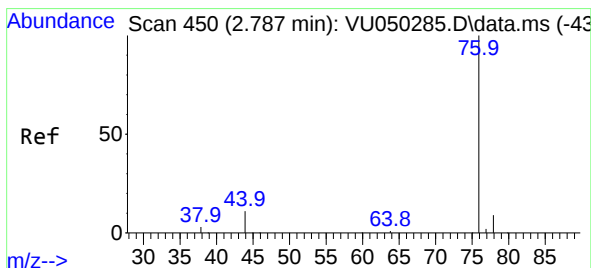
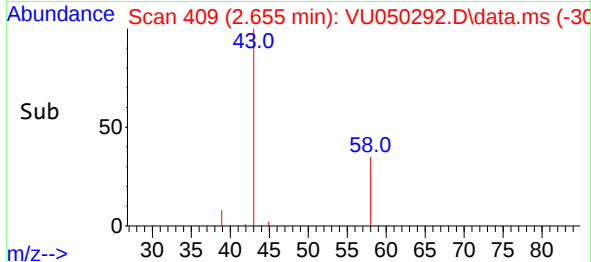
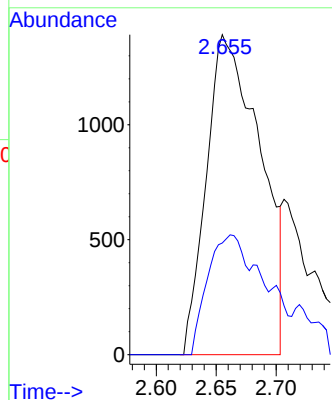
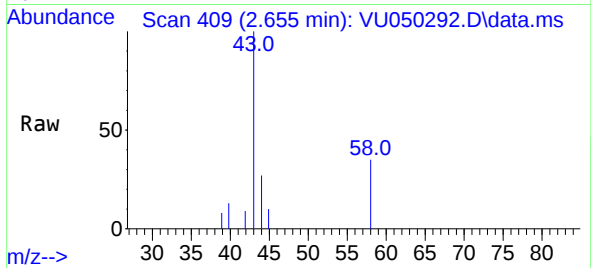




#13
Acetone
Concen: 4.227 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

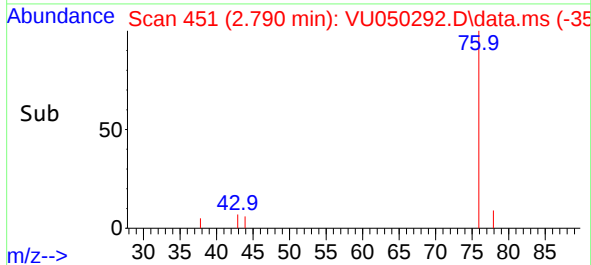
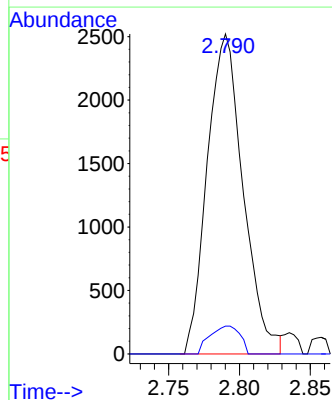
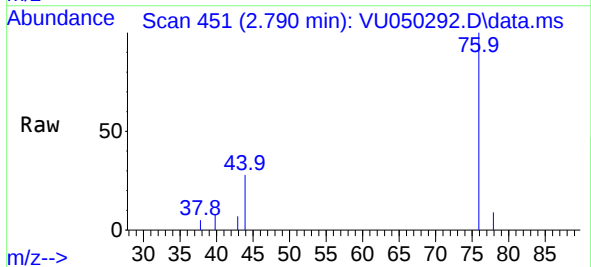
Instrument :
MSVOA_U
ClientSampleId :

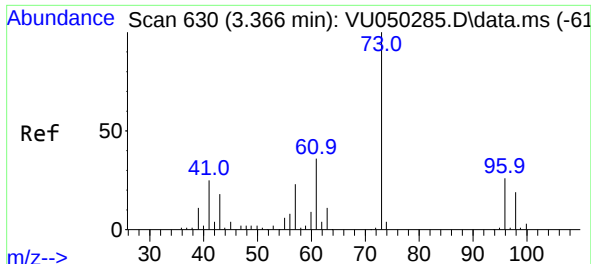
Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
58 26.3 0.0 64.0



#14
Carbon disulfide
Concen: 0.198 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

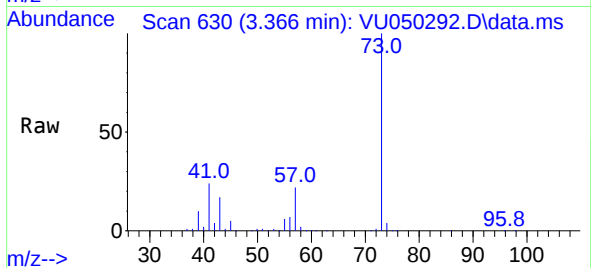
Tgt Ion: 76 Resp: 4437
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



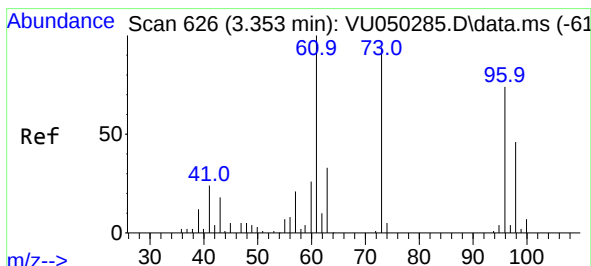
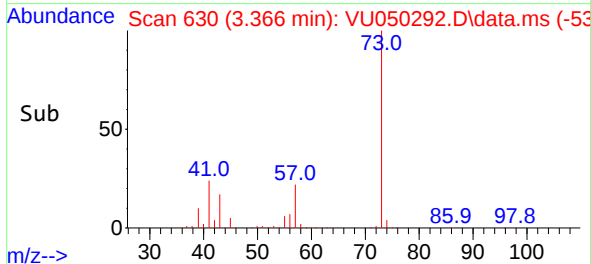
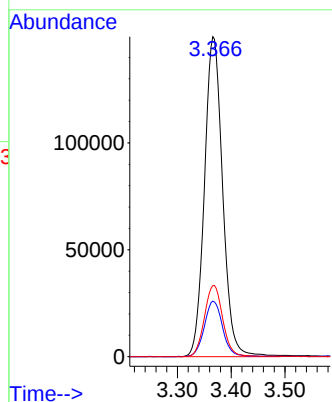


#17
Methyl tert-butyl Ether
Concen: 21.510 ug/L
RT: 3.366 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

Instrument :
MSVOA_U
ClientSampleId :

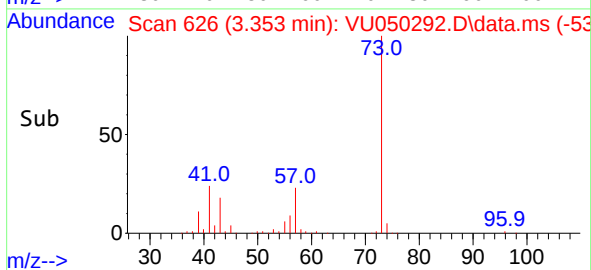
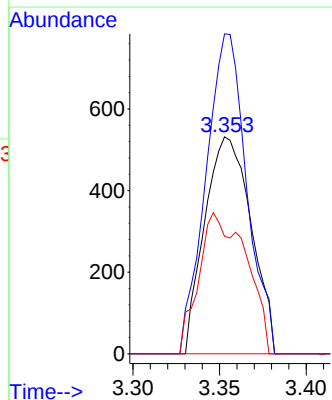
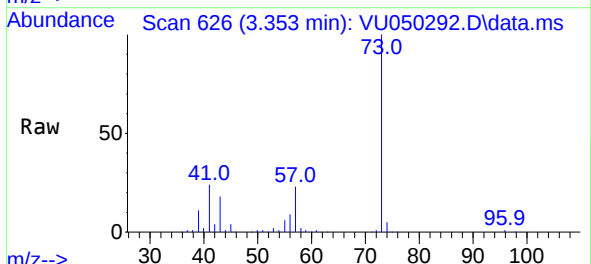


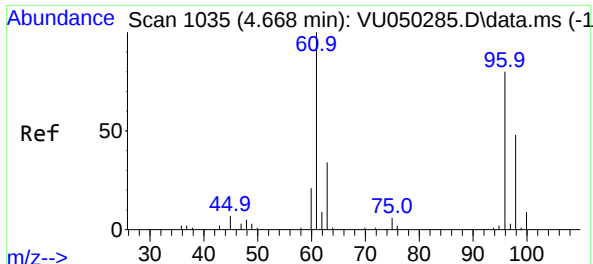
Tgt Ion: 73 Resp: 351915
Ion Ratio Lower Upper
73 100
43 17.2 13.5 20.3
57 22.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.141 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

Tgt Ion: 96 Resp: 990
Ion Ratio Lower Upper
96 100
61 147.4 92.3 171.5
98 54.1 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 1.792 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050292.D

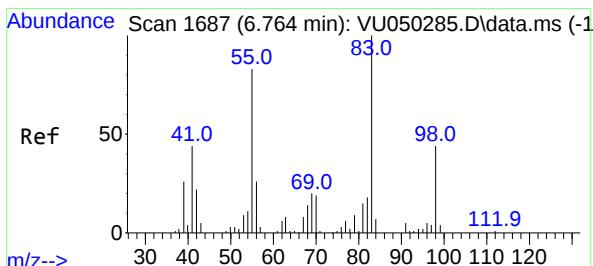
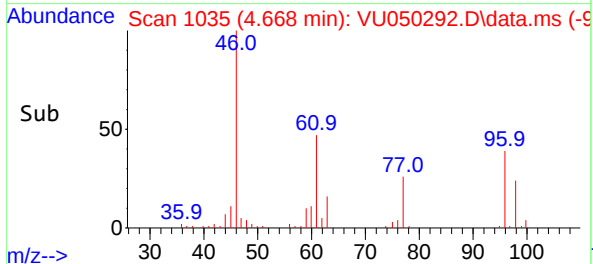
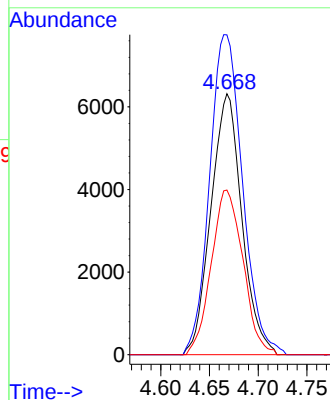
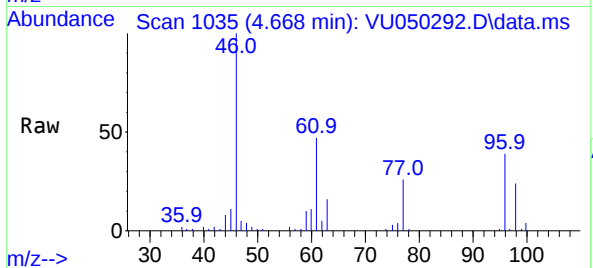
Acq: 12 Aug 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	13962
Ion	Ratio	Lower	Upper
96	100		
61	122.6	89.0	165.4
98	63.1	45.2	84.0



#35

Methylcyclohexane

Concen: 0.929 ug/L

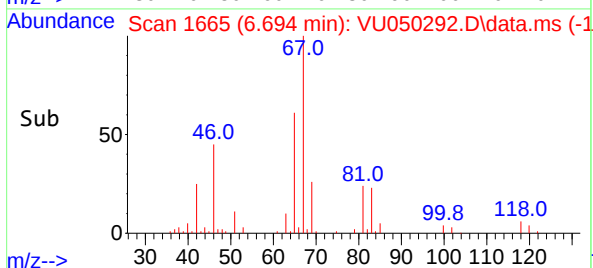
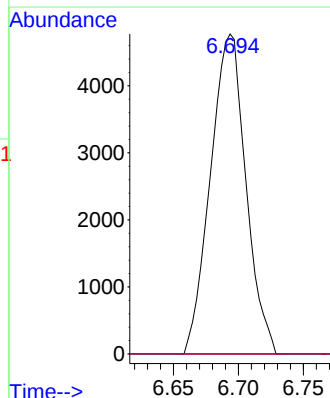
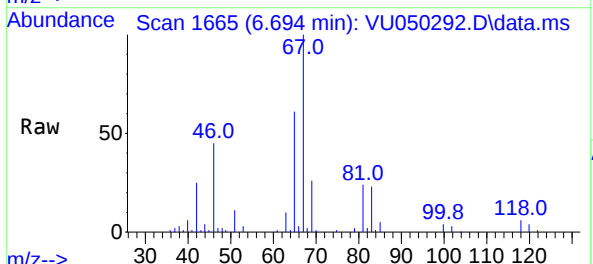
RT: 6.694 min Scan# 1665

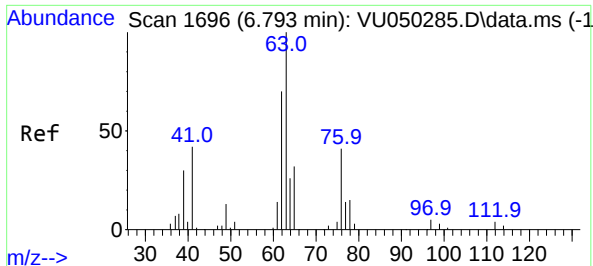
Delta R.T. -0.071 min

Lab File: VU050292.D

Acq: 12 Aug 2022 20:04

Tgt Ion:	83	Resp:	9063
Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.7	94.1#
98	1.3	36.2	54.2#

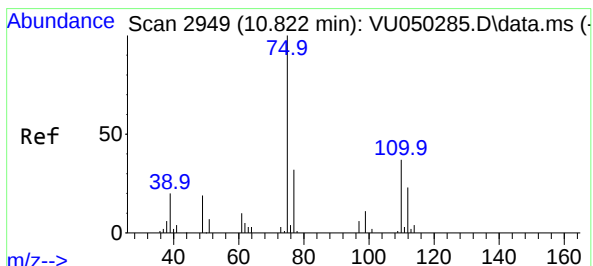
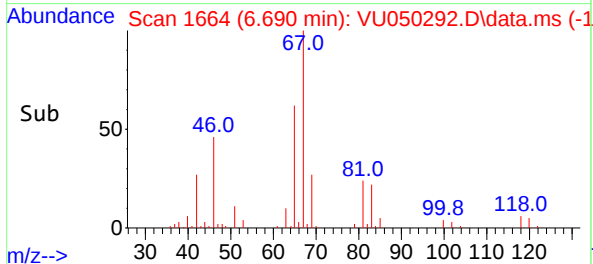
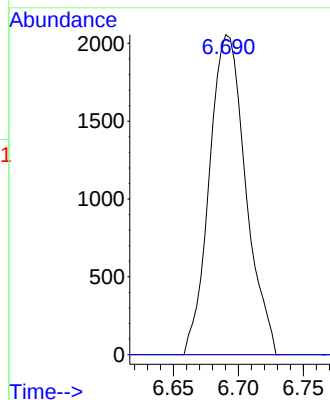
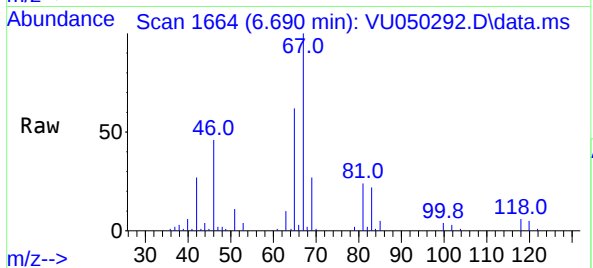




#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4001
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.984 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050292.D
Acq: 12 Aug 2022 20:04

Tgt Ion: 75 Resp: 4789
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 27.0 25.8 38.6

