

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050295.D
 Acq On : 12 Aug 2022 21:18
 Operator : SY/MD
 Sample : N4072-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:24:23 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)

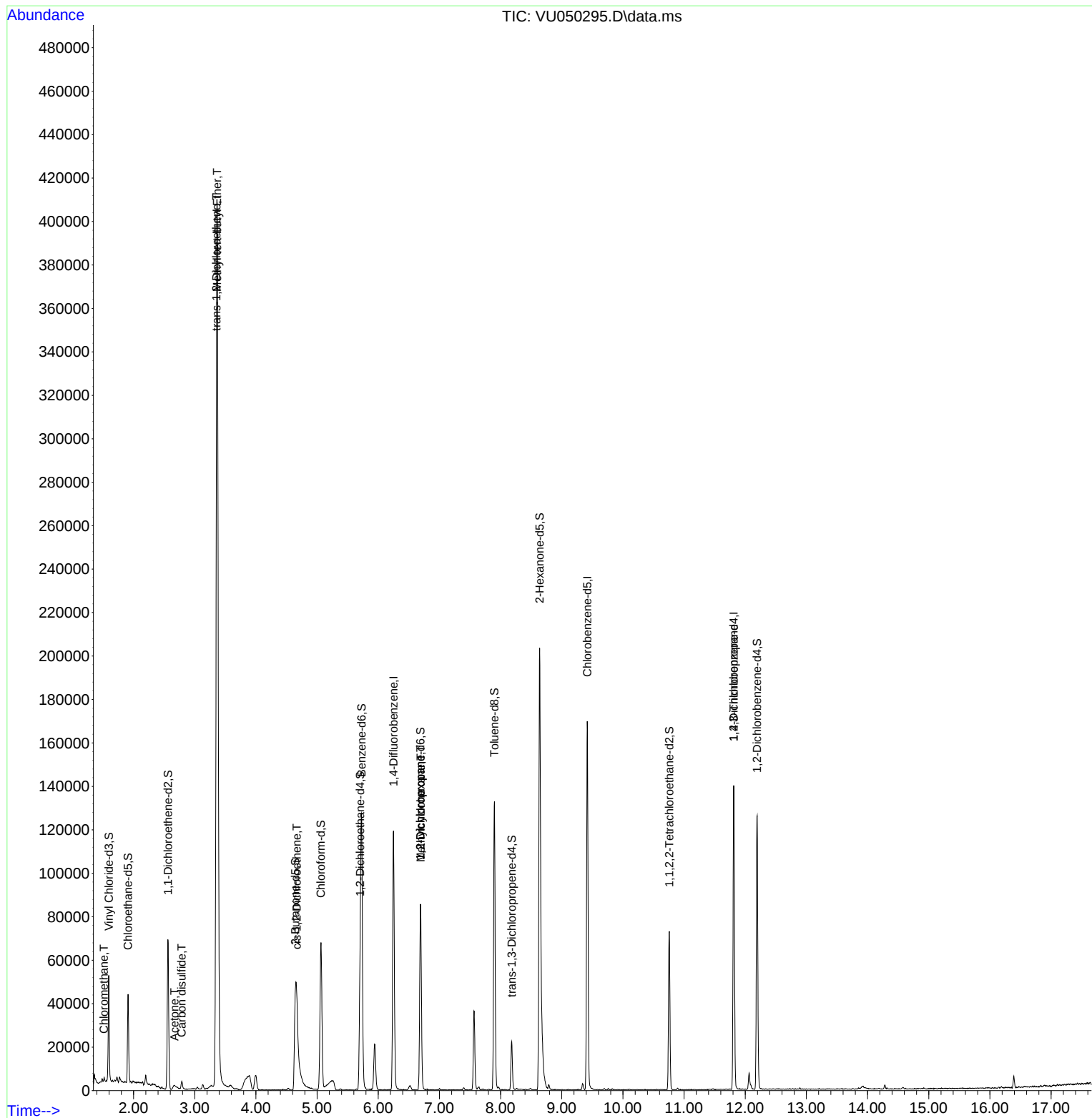
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97253	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	34293	4.237	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.909	69	29815	4.566	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.562	65	13207	4.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	4.645	46	109344	55.401	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.800%	
24) Chloroform-d	5.063	84	64688	4.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.703	65	34280	4.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.729	84	120339	3.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.690	67	43436	4.368	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.899	98	91296	3.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	13479	3.783	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.639	63	67652	53.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.080%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38177	4.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33956	4.478	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1551	0.133	ug/L	97
13) Acetone	2.668	43	6133	5.580	ug/L	67
14) Carbon disulfide	2.787	76	5134	0.214	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	452072	25.767	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	2294	0.305	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	6275	0.751	ug/L	95
35) Methylcyclohexane	6.693	83	9874	0.933	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4181	0.463	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4615	0.875	ug/L #	66

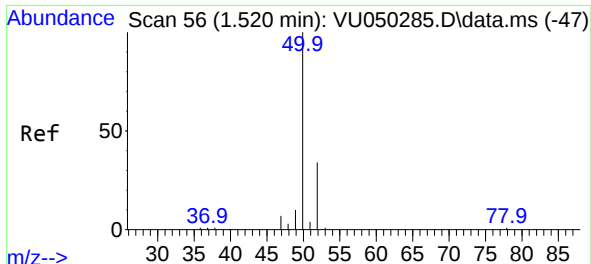
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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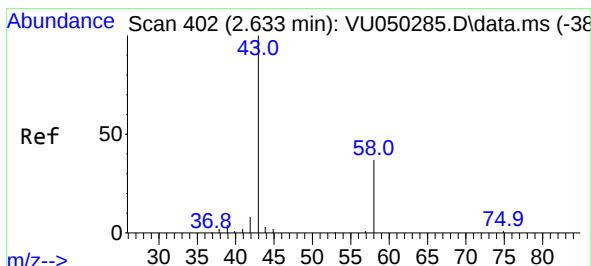
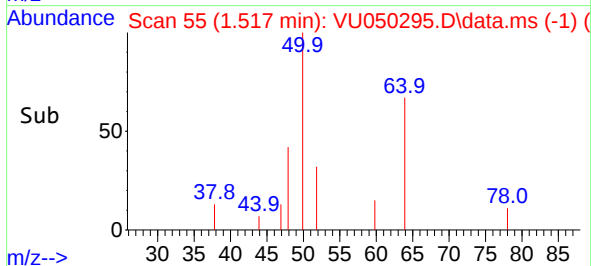
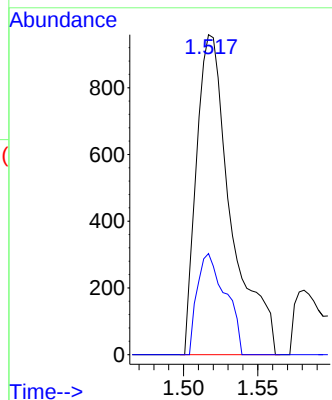
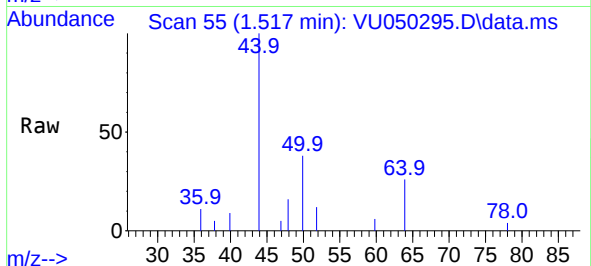




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

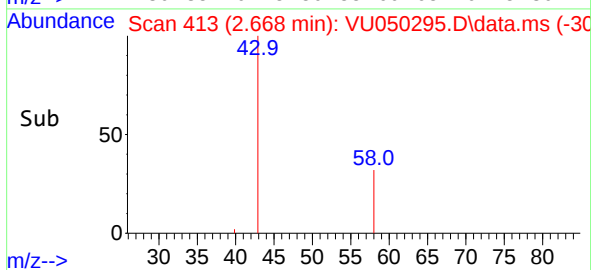
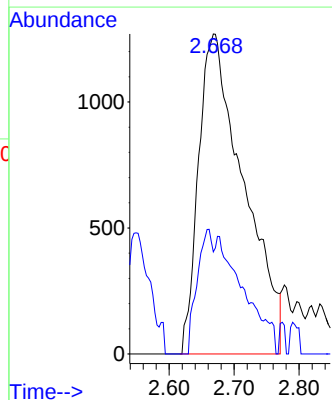
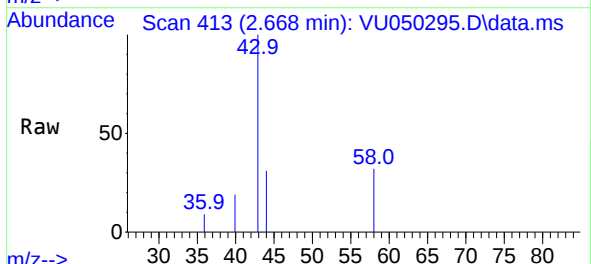
Instrument :
MSVOA_U
ClientSampleId :

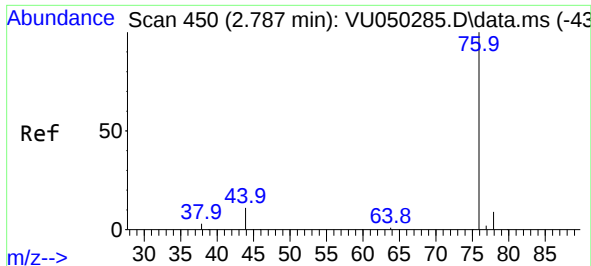
Tgt Ion: 50 Resp: 1551
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.2



#13
Acetone
Concen: 5.580 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.035 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

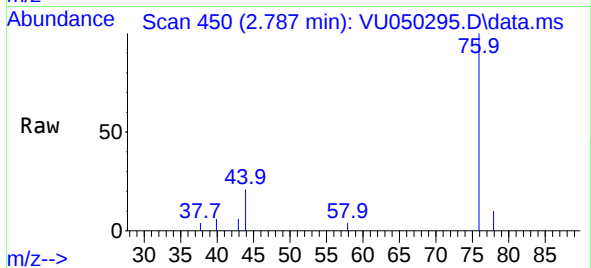
Tgt Ion: 43 Resp: 6133
Ion Ratio Lower Upper
43 100
58 13.6 0.0 64.0



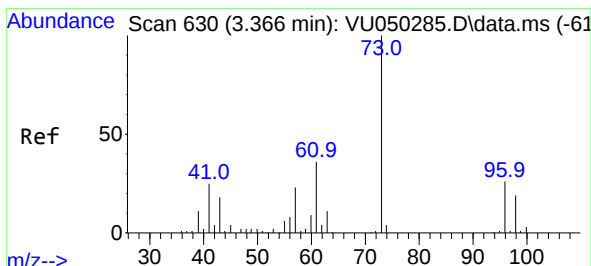
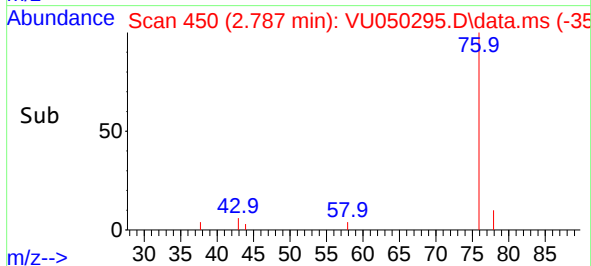
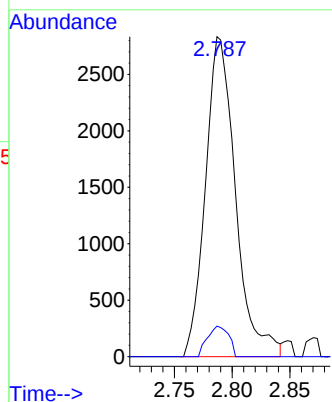


#14
Carbon disulfide
Concen: 0.214 ug/L
RT: 2.787 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

Instrument :
MSVOA_U
ClientSampleId :

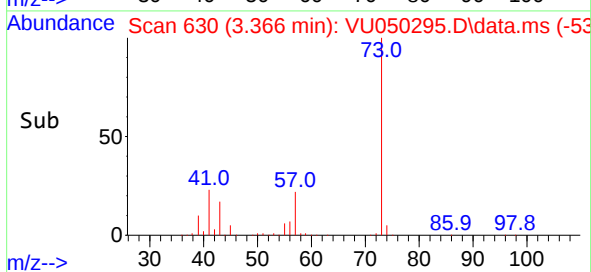
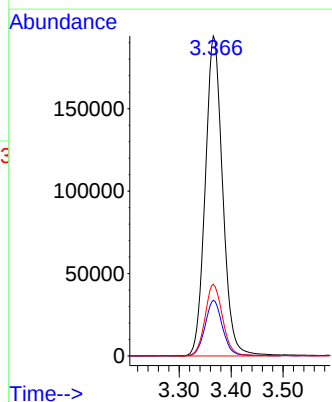
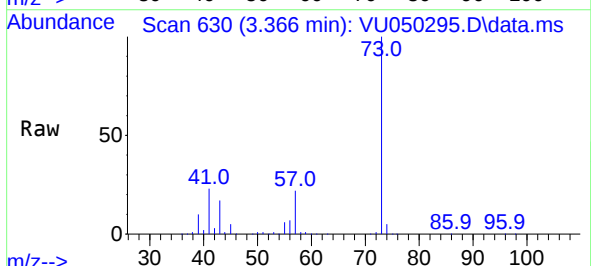


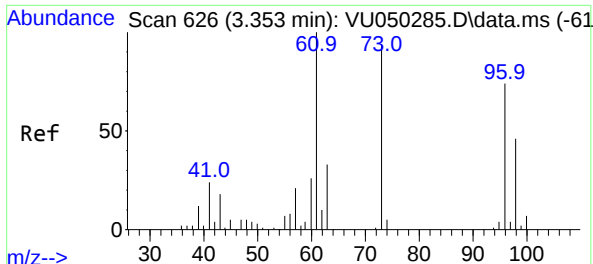
Tgt Ion: 76 Resp: 5134
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 25.767 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

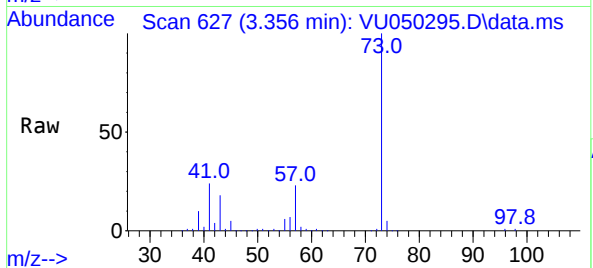
Tgt Ion: 73 Resp: 452072
Ion Ratio Lower Upper
73 100
43 17.2 13.5 20.3
57 22.6 17.4 26.2



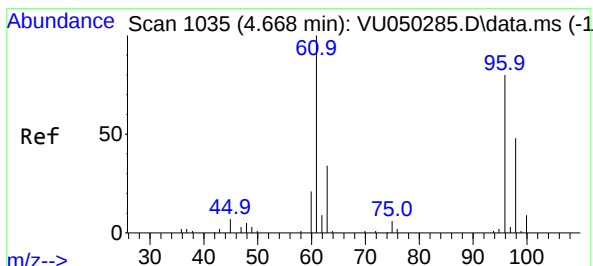
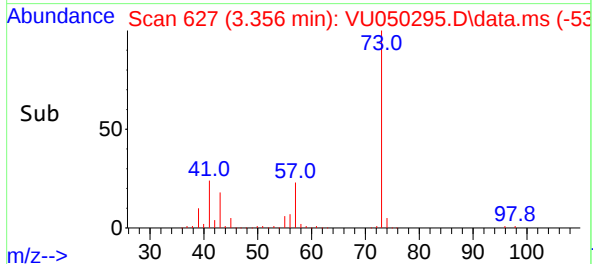
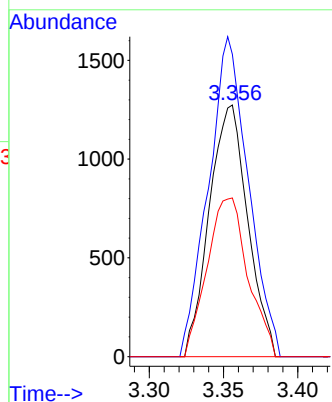


#18
trans-1,2-Dichloroethene
Concen: 0.305 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

Instrument :
MSVOA_U
ClientSampleId :

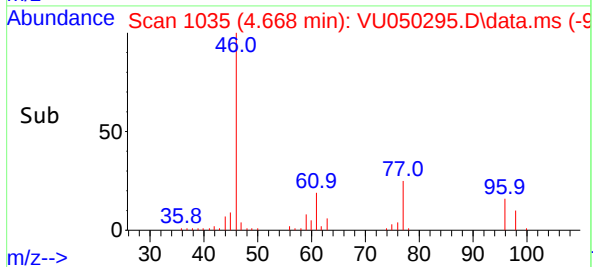
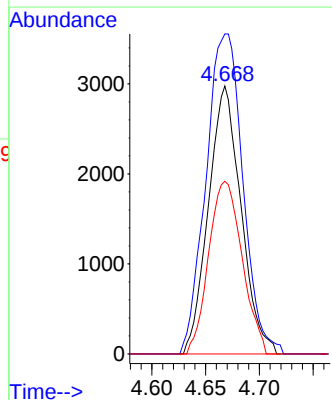
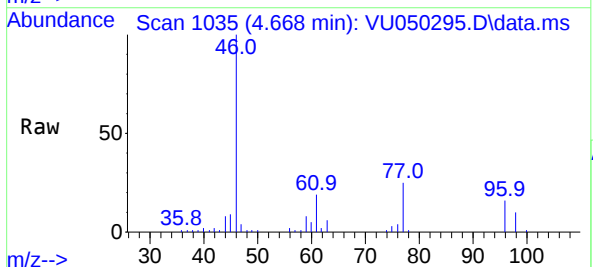


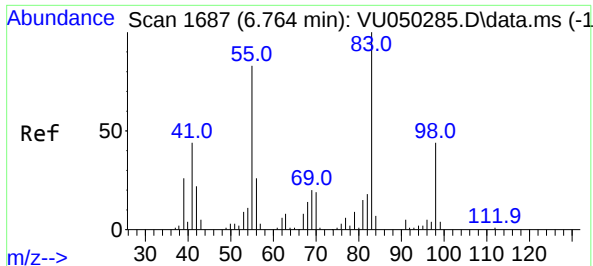
Tgt Ion: 96 Resp: 2294
Ion Ratio Lower Upper
96 100
61 120.2 92.3 171.5
98 63.0 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.751 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

Tgt Ion: 96 Resp: 6275
Ion Ratio Lower Upper
96 100
61 119.4 89.0 165.4
98 64.4 45.2 84.0





#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050295.D

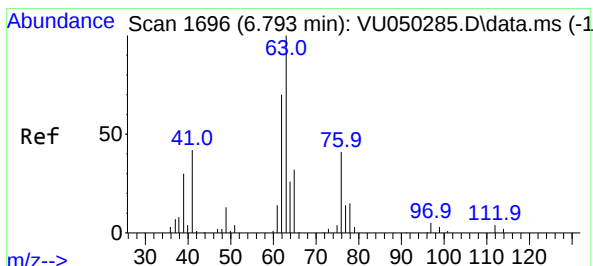
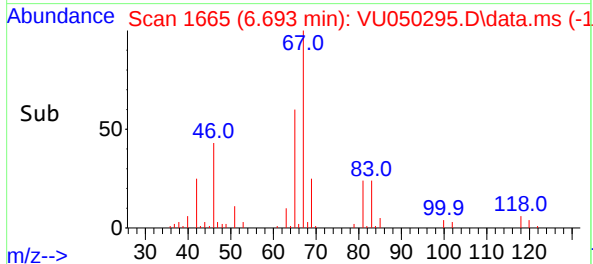
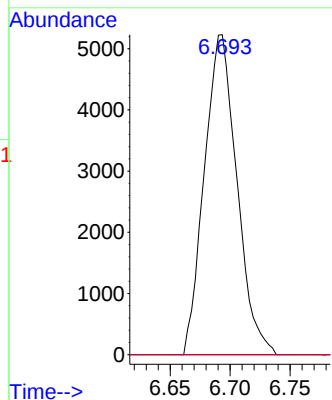
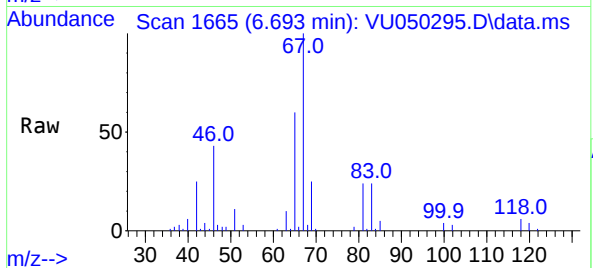
Acq: 12 Aug 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9874
Ion Ratio	Lower	Upper
83	100	
55	2.4	62.7 94.1#
98	0.2	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.463 ug/L

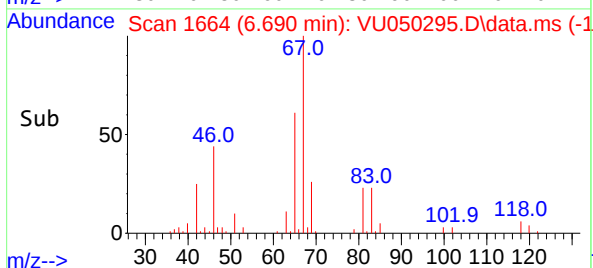
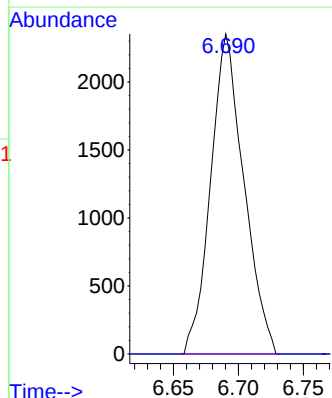
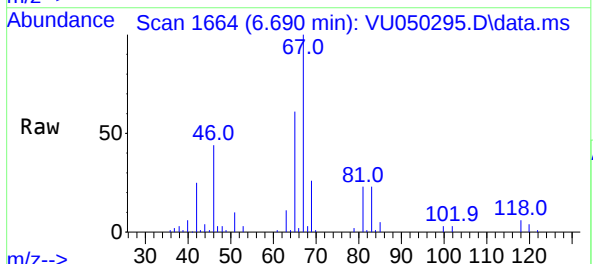
RT: 6.690 min Scan# 1664

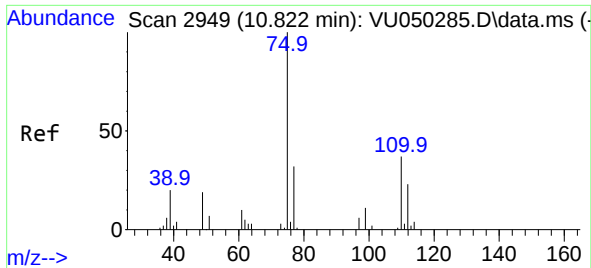
Delta R.T. -0.103 min

Lab File: VU050295.D

Acq: 12 Aug 2022 21:18

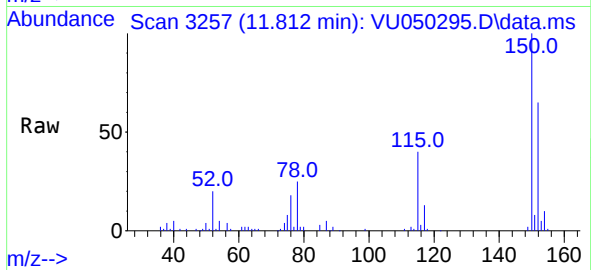
Tgt Ion: 63	Resp:	4181
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 0.875 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU050295.D
Acq: 12 Aug 2022 21:18

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Tgt Ion: 75 Resp: 4615
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.3 25.8 38.6

