

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050294.D
 Acq On : 12 Aug 2022 20:53
 Operator : SY/MD
 Sample : N4072-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:24:07 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)

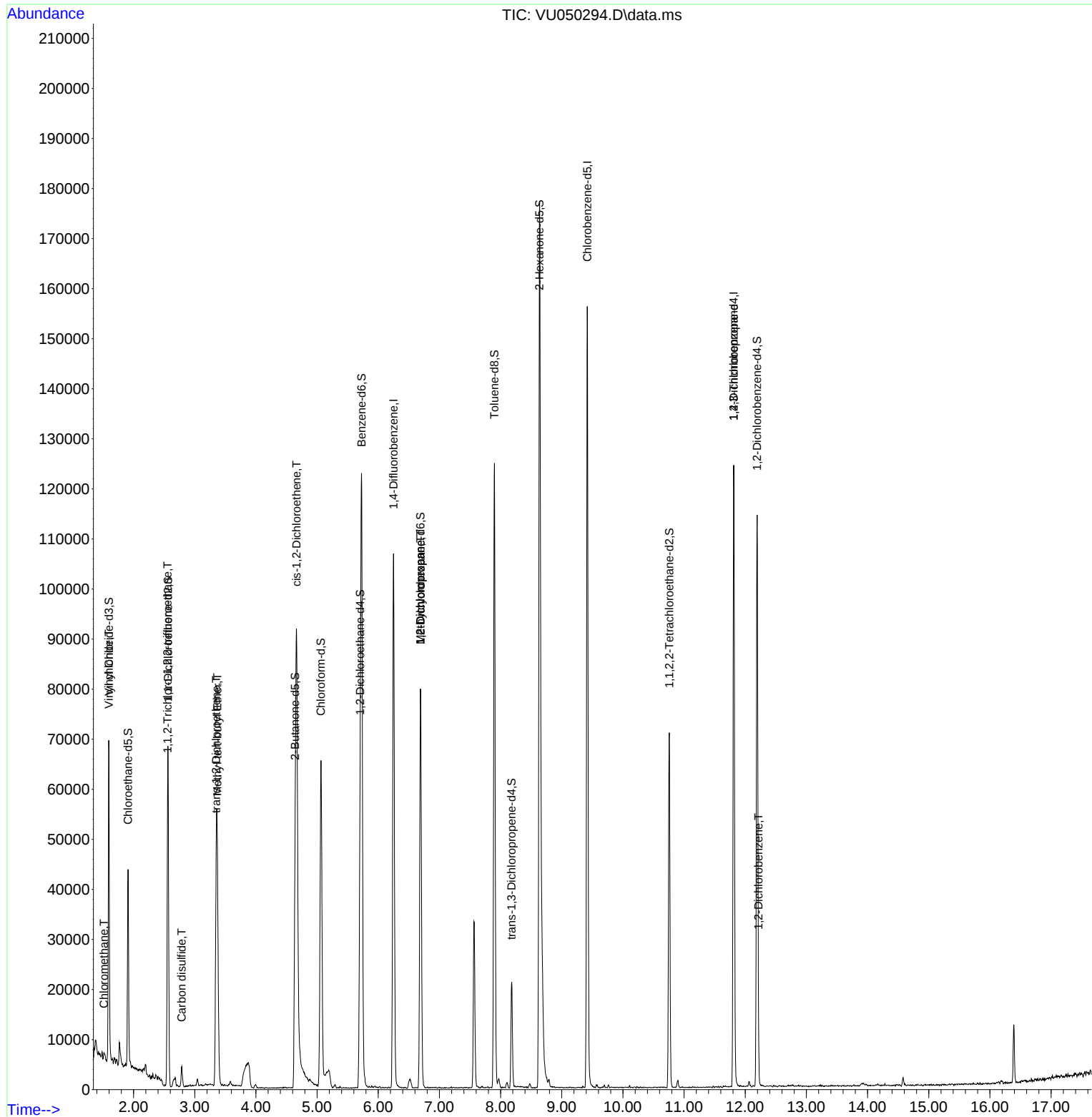
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	34932	4.826	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.909	69	28031	4.800	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.562	65	12803	4.526	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.642	46	84396	47.811	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.620%	
24) Chloroform-d	5.063	84	61595	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.703	65	33175	4.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.729	84	114434	4.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.690	67	40331	4.438	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.899	98	86654	3.555	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	8.179	79	12190	3.743	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.800%	
46) 2-Hexanone-d5	8.635	63	62401	54.030	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37069	4.645	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30526	4.505	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1402	0.134	ug/L	86
5) Vinyl chloride	1.597	62	13699	1.466	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	309	0.054	ug/L #	28
14) Carbon disulfide	2.787	76	5523	0.257	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	39572	2.522	ug/L	97
18) trans-1,2-Dichloroethene	3.349	96	11907	1.769	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	35430	4.742	ug/L	98
35) Methylcyclohexane	6.690	83	8924	0.922	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	3967	0.481	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4230	0.898	ug/L #	67
67) 1,2-Dichlorobenzene	12.214	146	1140	0.101	ug/L #	86

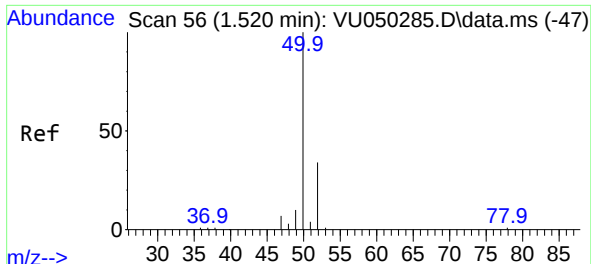
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

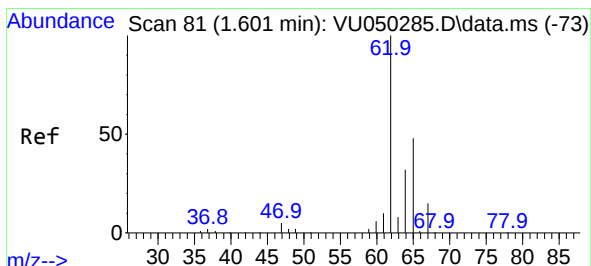
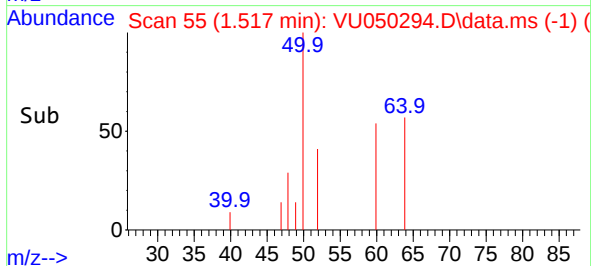
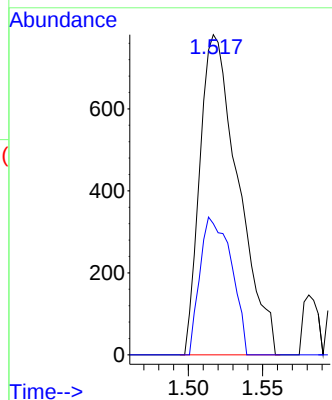
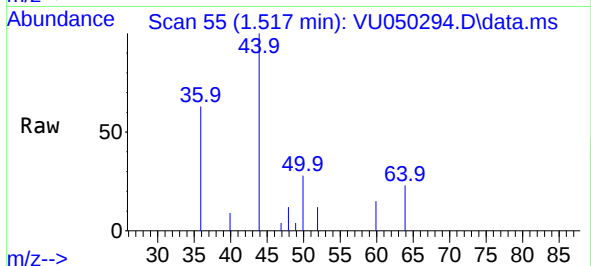




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

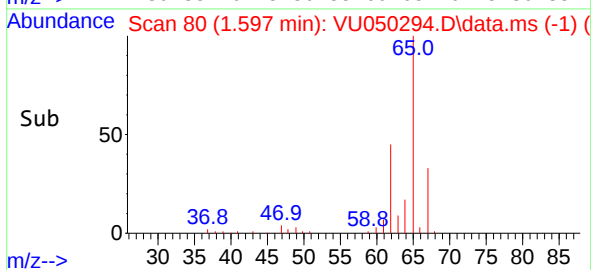
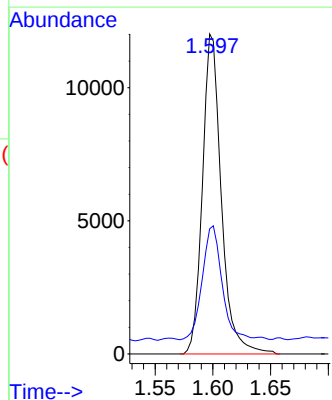
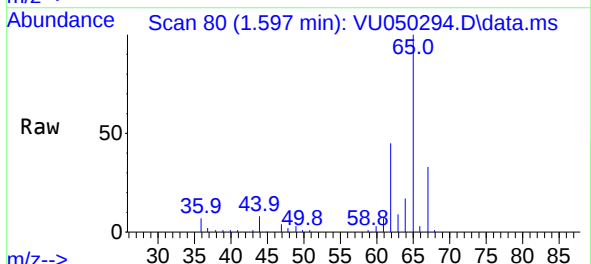
Instrument :
MSVOA_U
ClientSampleId :

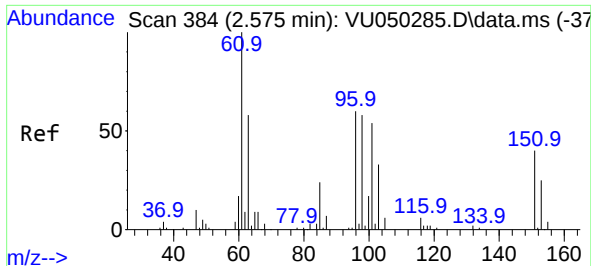
Tgt Ion: 50 Resp: 1402
Ion Ratio Lower Upper
50 100
52 41.0 23.2 43.2



#5
Vinyl chloride
Concen: 1.466 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Tgt Ion: 62 Resp: 13699
Ion Ratio Lower Upper
62 100
64 39.1 22.8 42.4

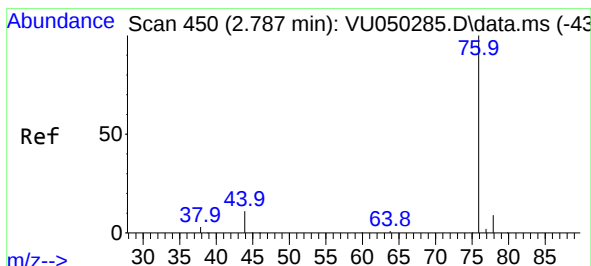
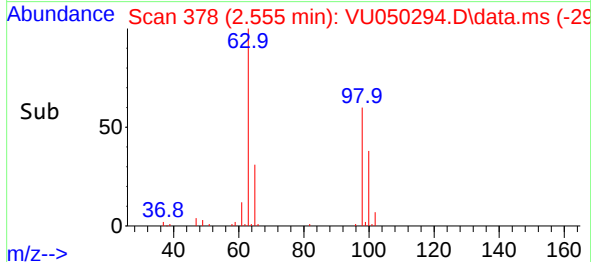
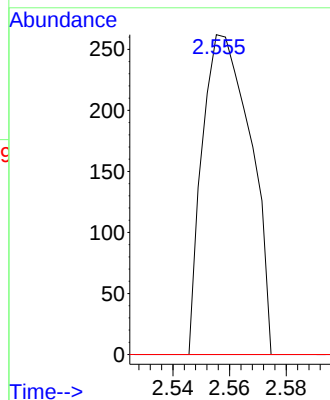
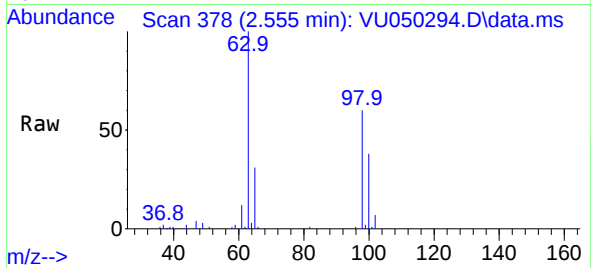




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.555 min Scan# 31
Delta R.T. -0.020 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

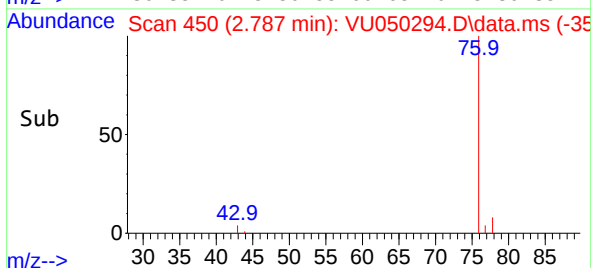
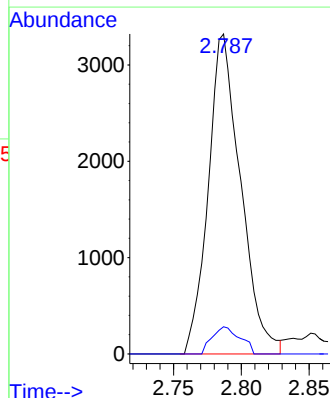
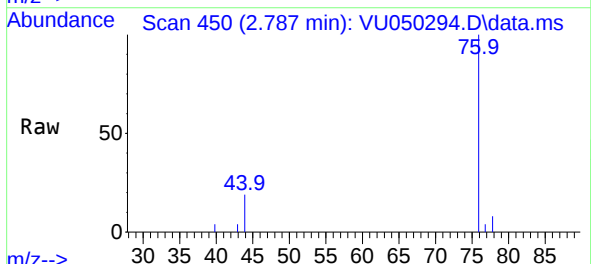
Instrument :
MSVOA_U
ClientSampleId :

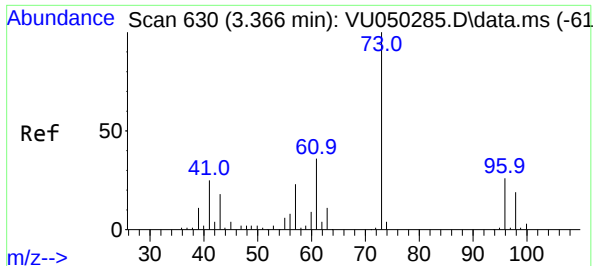
Tgt Ion:101 Resp: 309
Ion Ratio Lower Upper
101 100
85 77.7 35.6 53.4#
151 0.0 55.2 82.8#



#14
Carbon disulfide
Concen: 0.257 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.000 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Tgt Ion: 76 Resp: 5523
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



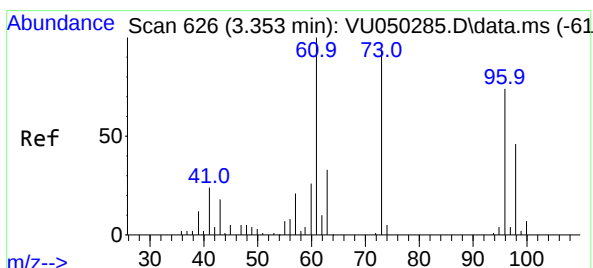
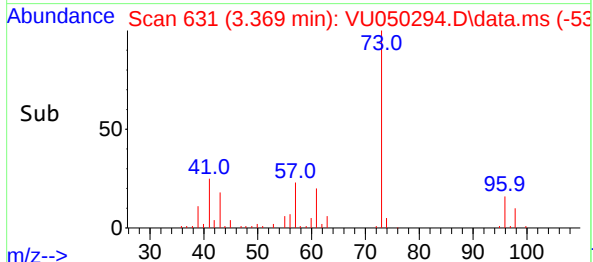
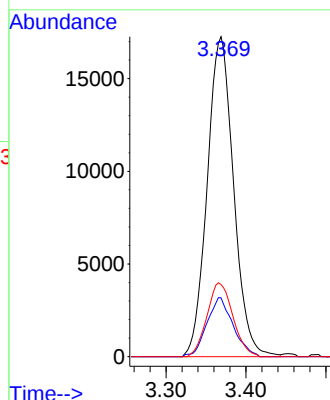
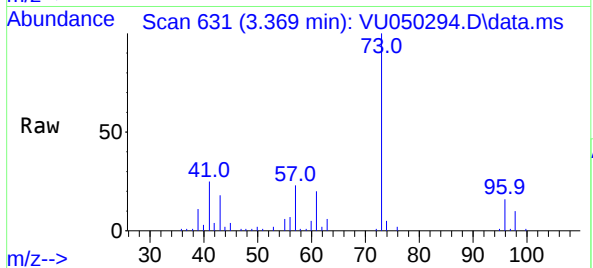


#17
Methyl tert-butyl Ether
Concen: 2.522 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 39572

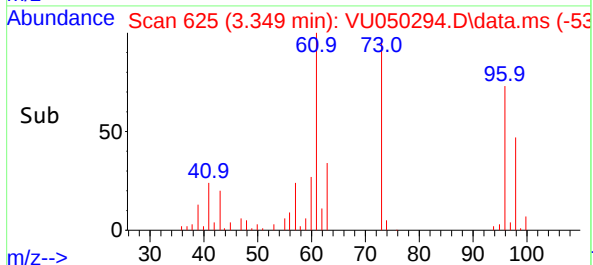
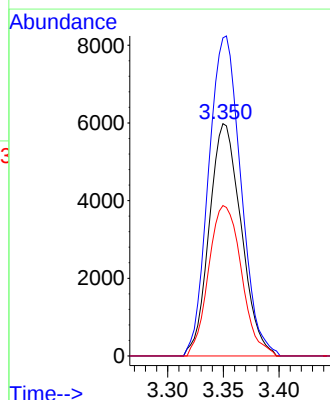
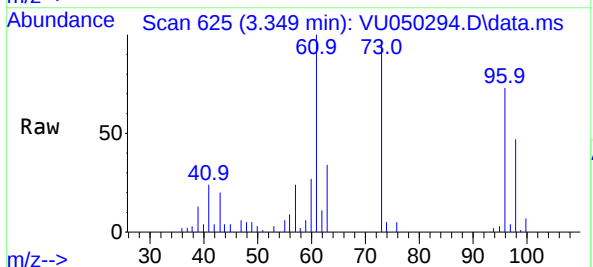
Ion	Ratio	Lower	Upper
73	100		
43	18.3	13.5	20.3
57	22.7	17.4	26.2

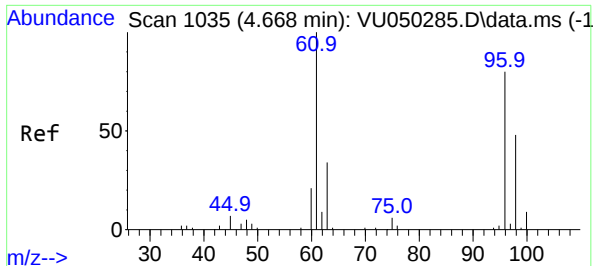


#18
trans-1,2-Dichloroethene
Concen: 1.769 ug/L
RT: 3.349 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Tgt Ion: 96 Resp: 11907

Ion	Ratio	Lower	Upper
96	100		
61	136.9	92.3	171.5
98	64.7	43.2	80.2





#22

cis-1,2-Dichloroethene

Concen: 4.742 ug/L

RT: 4.665 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU050294.D

Acq: 12 Aug 2022 20:53

Instrument :

MSVOA_U

ClientSampleId :

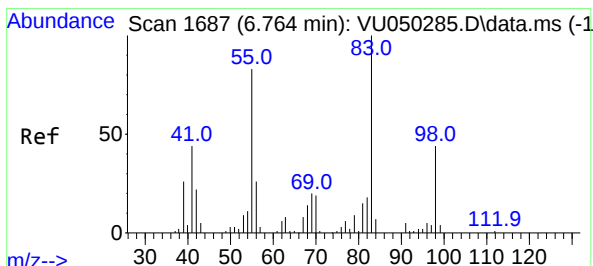
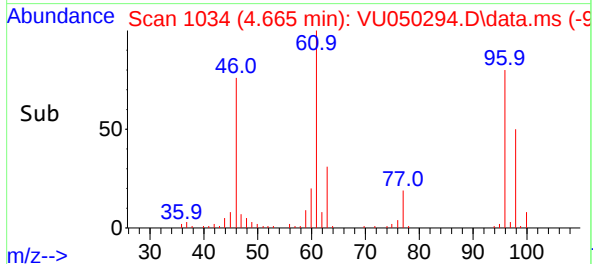
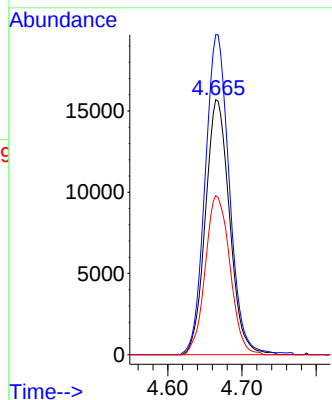
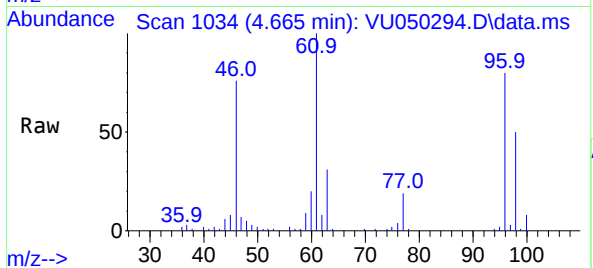
Tgt Ion: 96 Resp: 35430

Ion Ratio Lower Upper

96 100

61 125.5 89.0 165.4

98 62.4 45.2 84.0



#35

Methylcyclohexane

Concen: 0.922 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050294.D

Acq: 12 Aug 2022 20:53

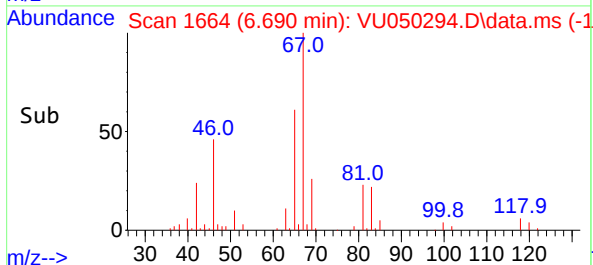
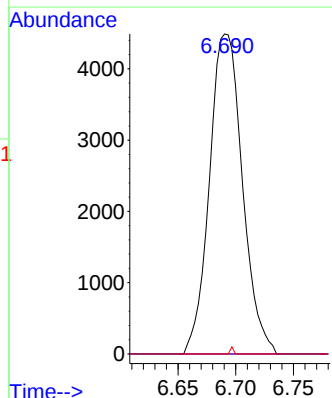
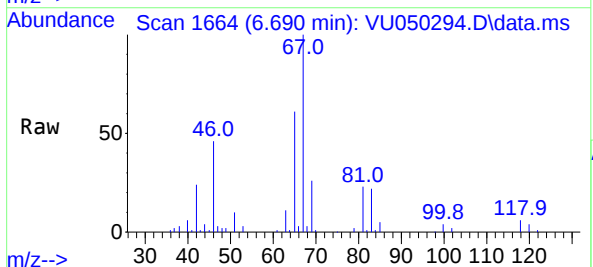
Tgt Ion: 83 Resp: 8924

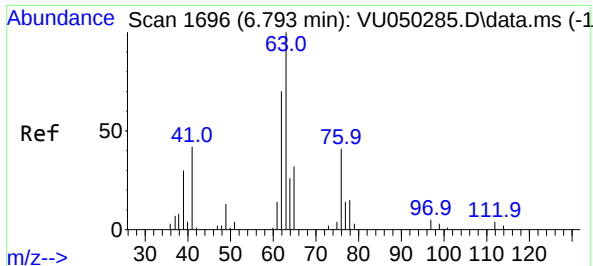
Ion Ratio Lower Upper

83 100

55 0.5 62.7 94.1#

98 0.2 36.2 54.2#

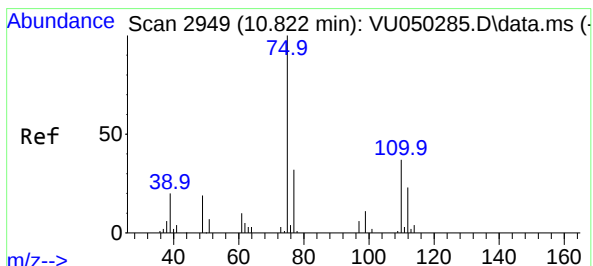
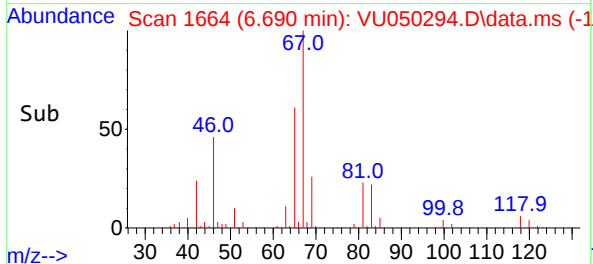
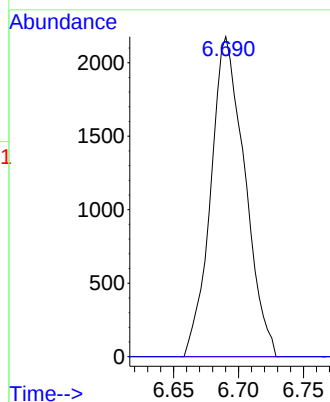
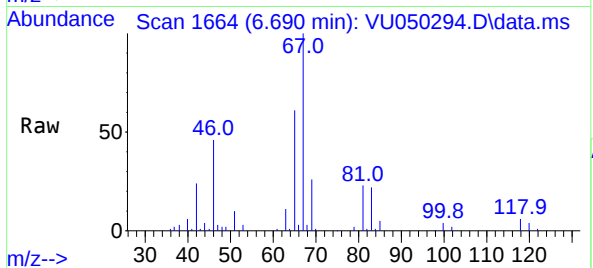




#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

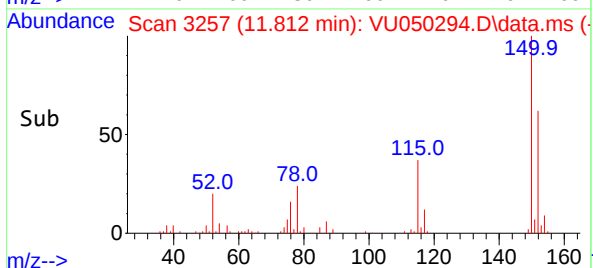
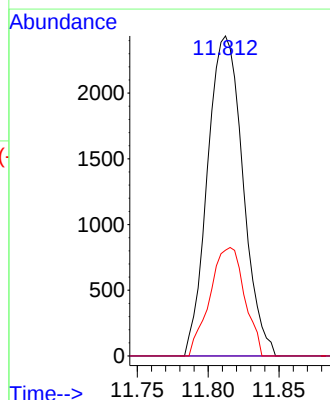
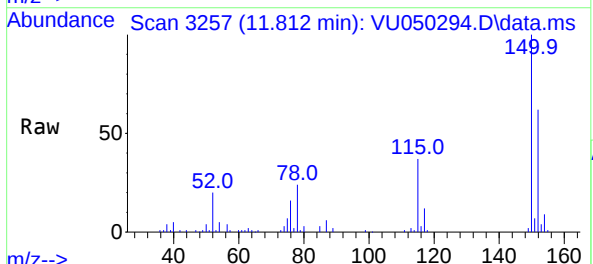
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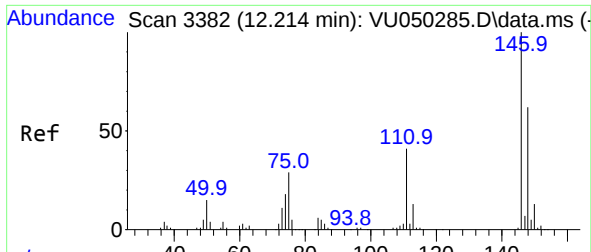
Tgt Ion: 63 Resp: 3967
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.898 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

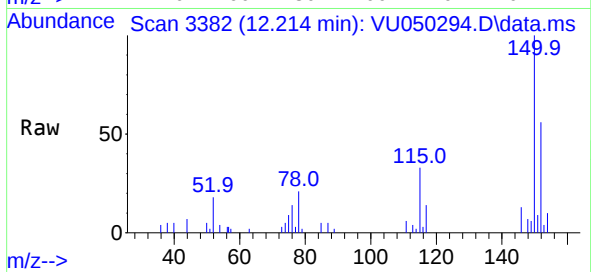
Tgt Ion: 75 Resp: 4230
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 33.2 25.8 38.6





#67
 1,2-Dichlorobenzene
 Concen: 0.101 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050294.D
 Acq: 12 Aug 2022 20:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	1140
Ion	Ratio	Lower	Upper
146	100		
111	47.2	32.9	49.3
148	50.0	50.4	75.6#

