

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050305.D
 Acq On : 13 Aug 2022 01:24
 Operator : SY/MD
 Sample : N4115-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D77

Quant Time: Aug 13 02:38:16 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)

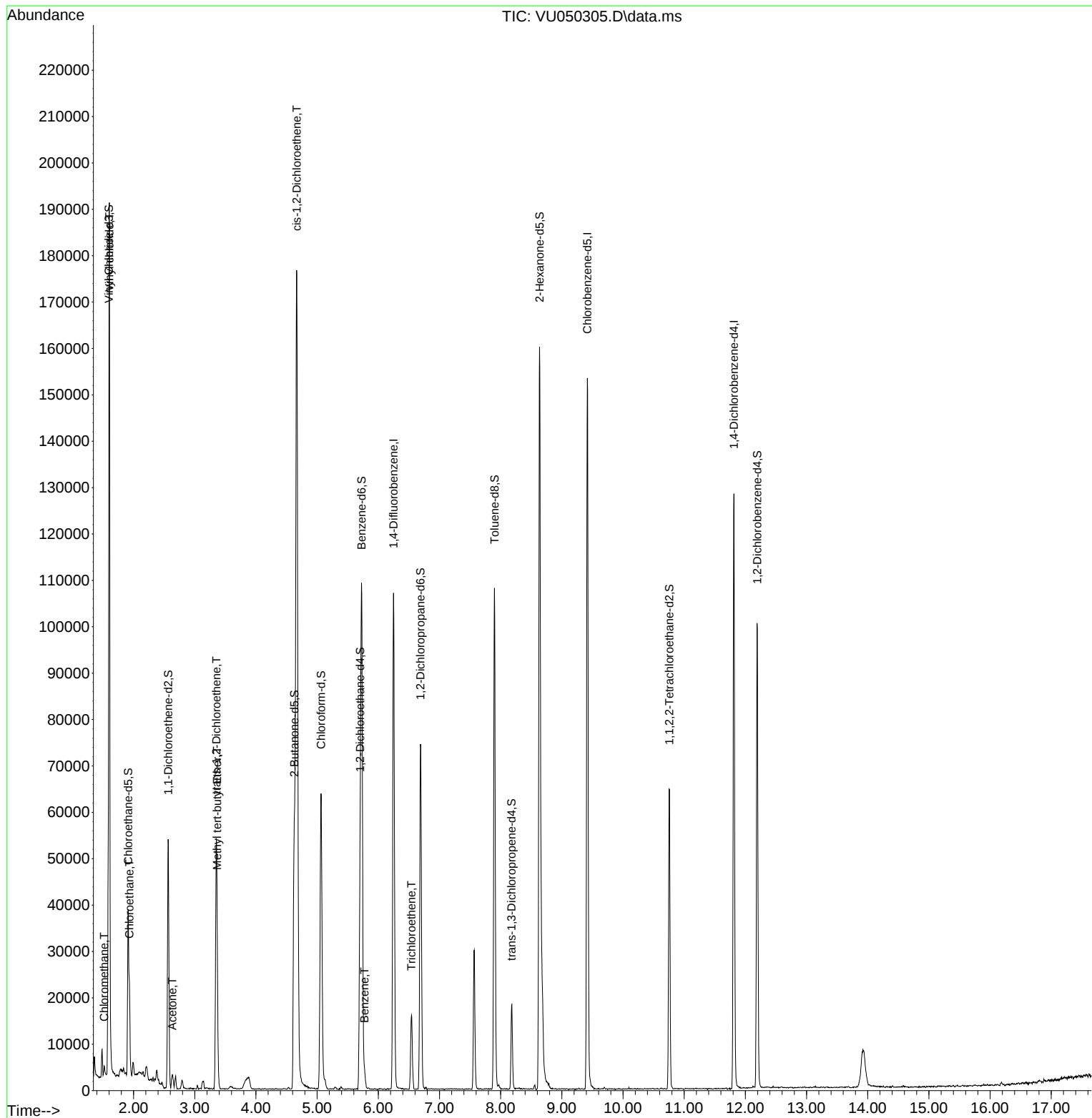
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28769	3.935	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.912	69	25694	4.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	10072	3.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.626	46	87831	49.263	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	5.063	84	56523	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.703	65	30803	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.729	84	102553	3.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.690	67	37100	4.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.899	98	75720	3.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.200%#
43) trans-1,3-Dichloroprop...	8.179	79	11721	3.549	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.635	63	51505	43.974	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.940%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	33668	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	27823	4.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2114	0.201	ug/L	92
5) Vinyl chloride	1.604	62	109012	11.550	ug/L	99
8) Chloroethane	1.932	64	11584	2.083	ug/L	96
13) Acetone	2.632	43	4031	4.060	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	5772	0.364	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	22144	3.257	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	90022	11.929	ug/L	99
33) Benzene	5.774	78	3673	0.117	ug/L	100
34) Trichloroethene	6.542	95	5650	0.743	ug/L	92

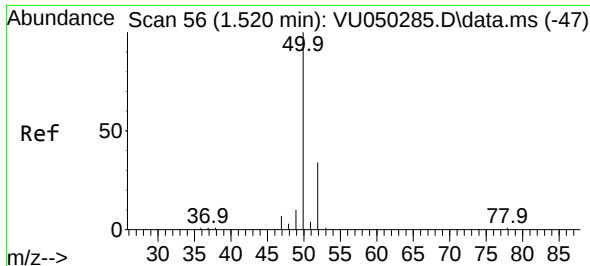
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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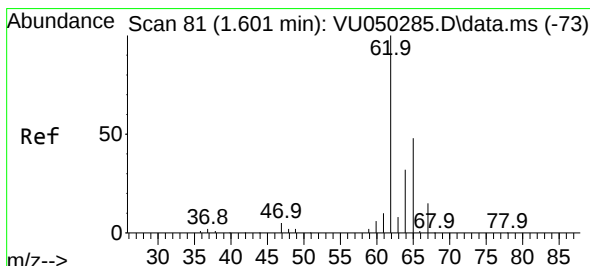
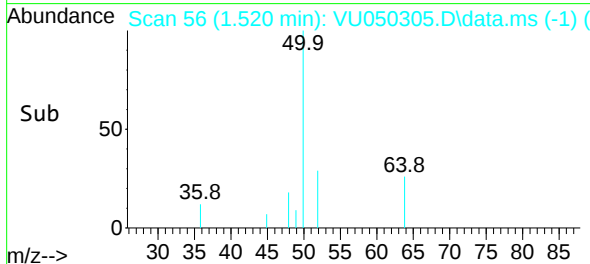
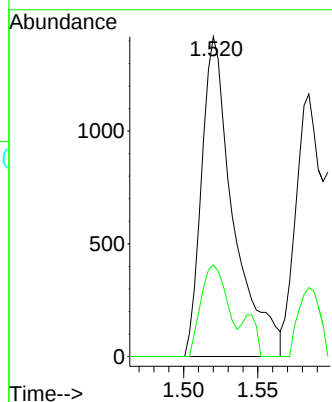
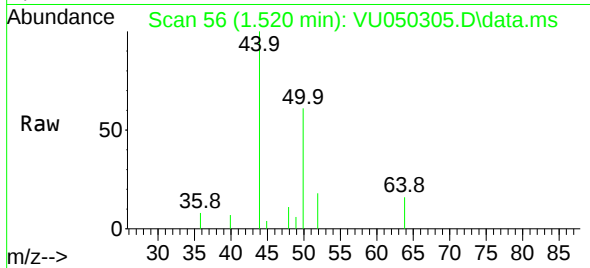




#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

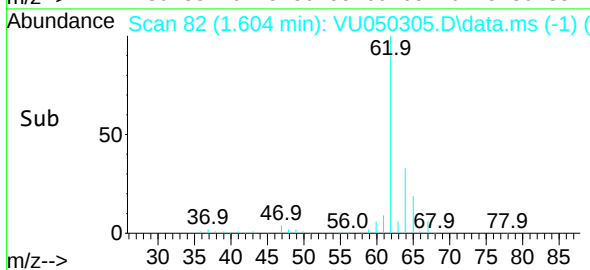
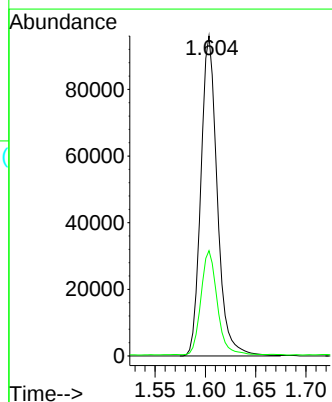
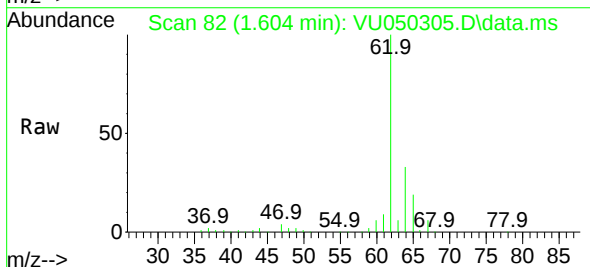
Instrument :
MSVOA_U
ClientSampleId :
F5D77

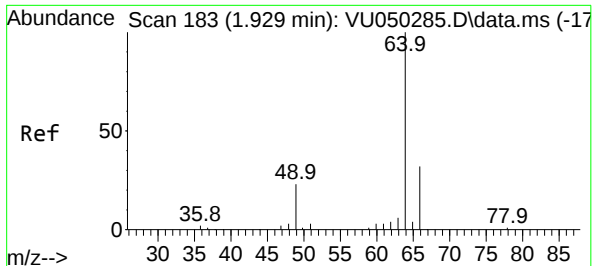
Tgt Ion: 50 Resp: 2114
Ion Ratio Lower Upper
50 100
52 28.7 23.2 43.2



#5
Vinyl chloride
Concen: 11.550 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 62 Resp: 109012
Ion Ratio Lower Upper
62 100
64 32.9 22.8 42.4

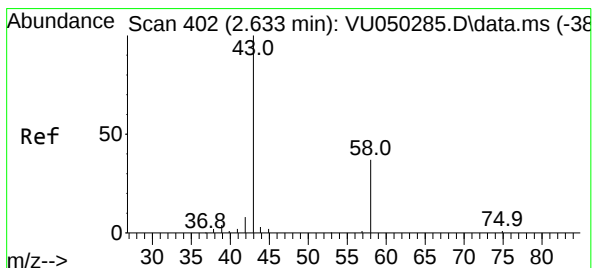
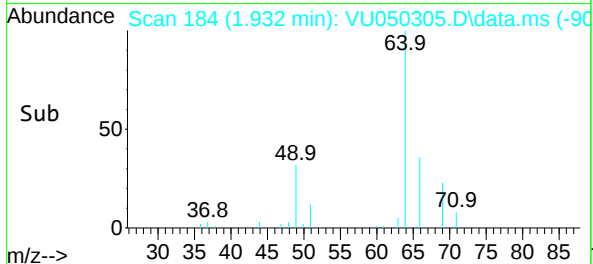
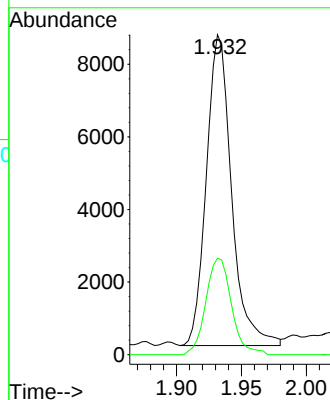
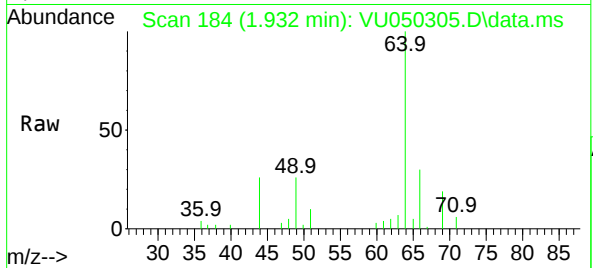




#8
Chloroethane
Concen: 2.083 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

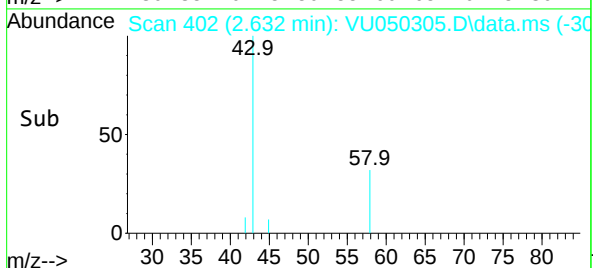
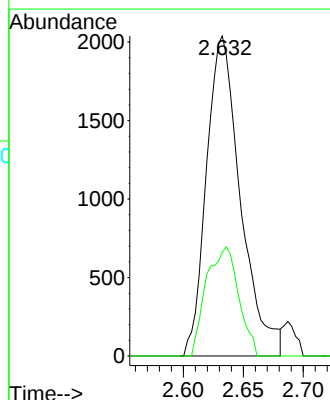
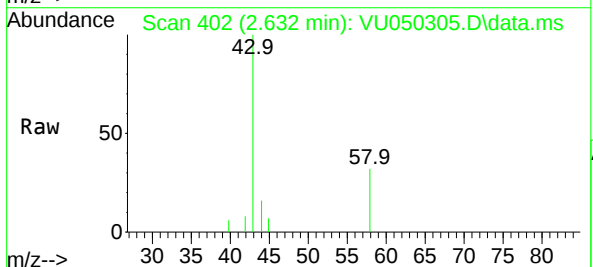
Instrument :
MSVOA_U
ClientSampleId :
F5D77

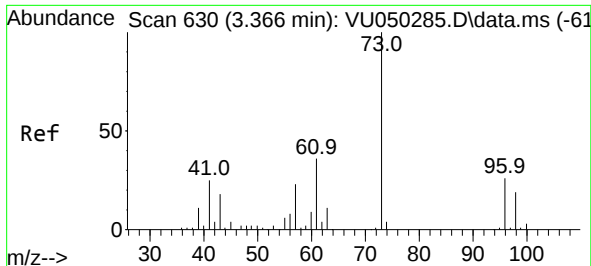
Tgt Ion: 64 Resp: 11584
Ion Ratio Lower Upper
64 100
66 30.2 22.8 42.4



#13
Acetone
Concen: 4.060 ug/L
RT: 2.632 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.0

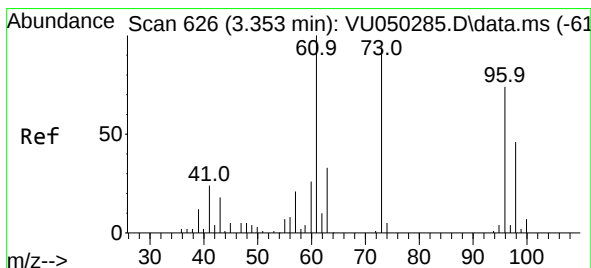
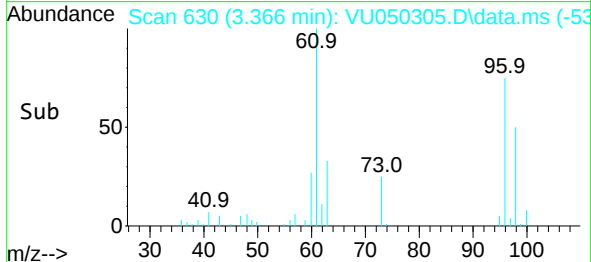
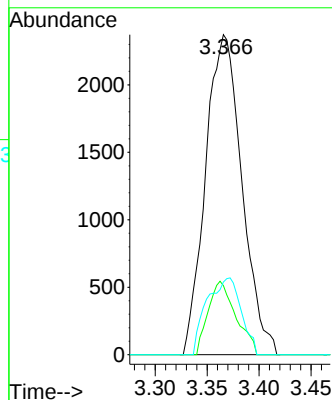
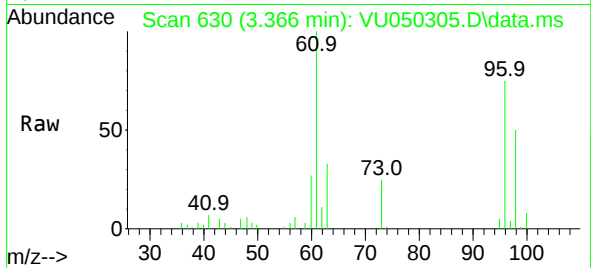




#17
Methyl tert-butyl Ether
Concen: 0.364 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

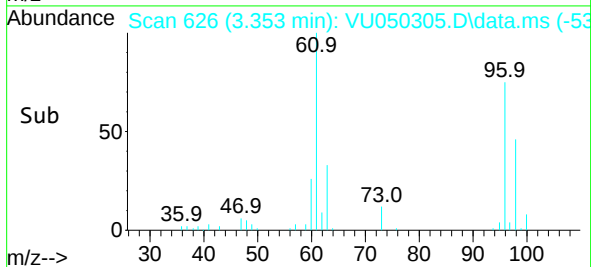
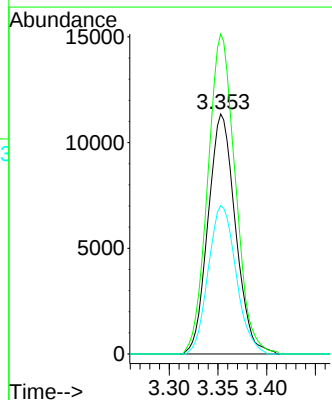
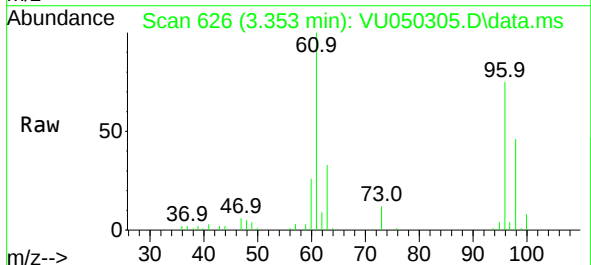
Instrument :
MSVOA_U
ClientSampleId :
F5D77

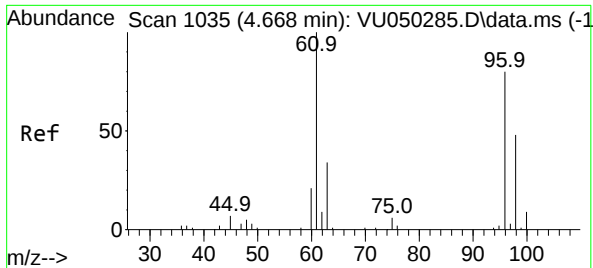
Tgt Ion: 73	Resp: 5772
Ion Ratio	Lower Upper
73 100	
43 17.5	13.5 20.3
57 22.6	17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 3.257 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 96	Resp: 22144
Ion Ratio	Lower Upper
96 100	
61 133.3	92.3 171.5
98 61.8	43.2 80.2

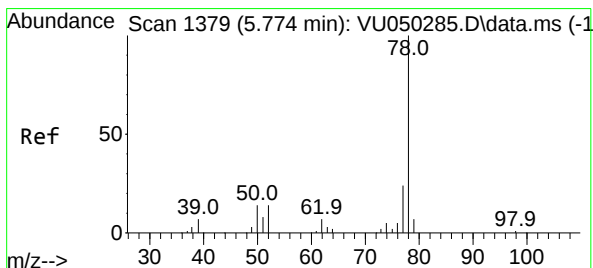
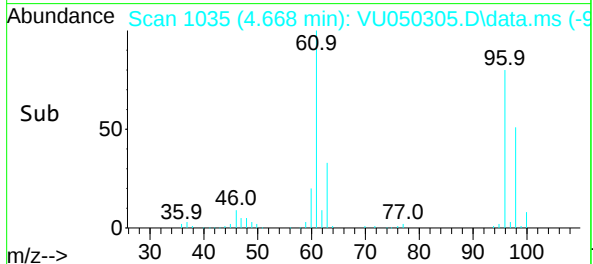
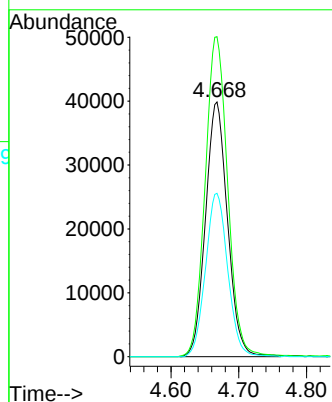
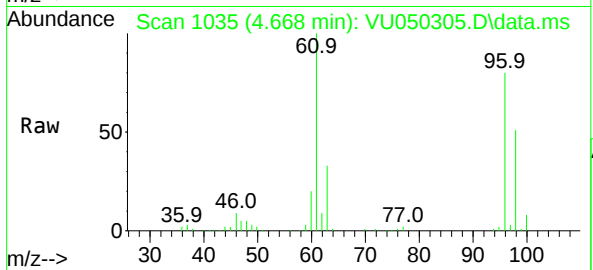




#22
 cis-1,2-Dichloroethene
 Concen: 11.929 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050305.D
 Acq: 13 Aug 2022 01:24

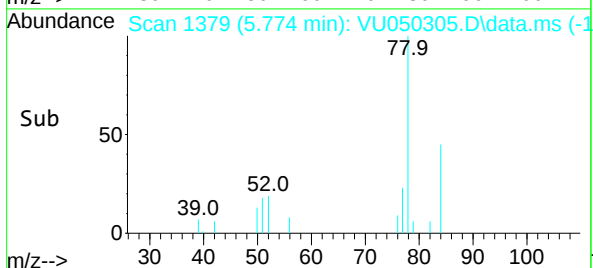
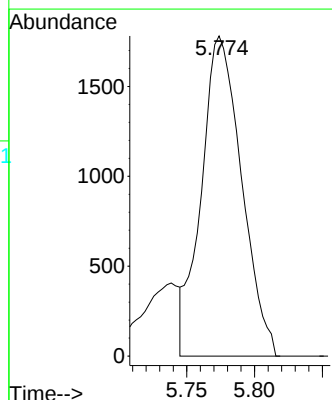
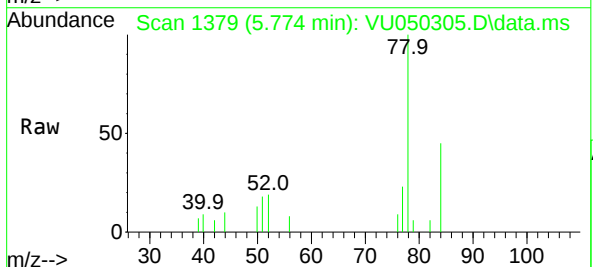
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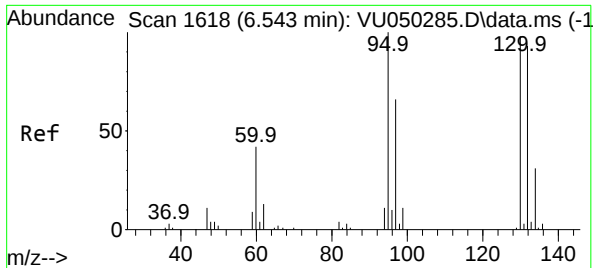
Tgt Ion: 96 Resp: 90022
 Ion Ratio Lower Upper
 96 100
 61 125.6 89.0 165.4
 98 64.1 45.2 84.0



#33
 Benzene
 Concen: 0.117 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. -0.000 min
 Lab File: VU050305.D
 Acq: 13 Aug 2022 01:24

Tgt Ion: 78 Resp: 3673





#34
 Trichloroethene
 Concen: 0.743 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU050305.D
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Tgt Ion: 95 Resp: 5650

Ion	Ratio	Lower	Upper
95	100		
97	55.8	45.6	84.8
132	84.4	65.0	120.6
130	94.0	69.3	128.7

