

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 :

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)

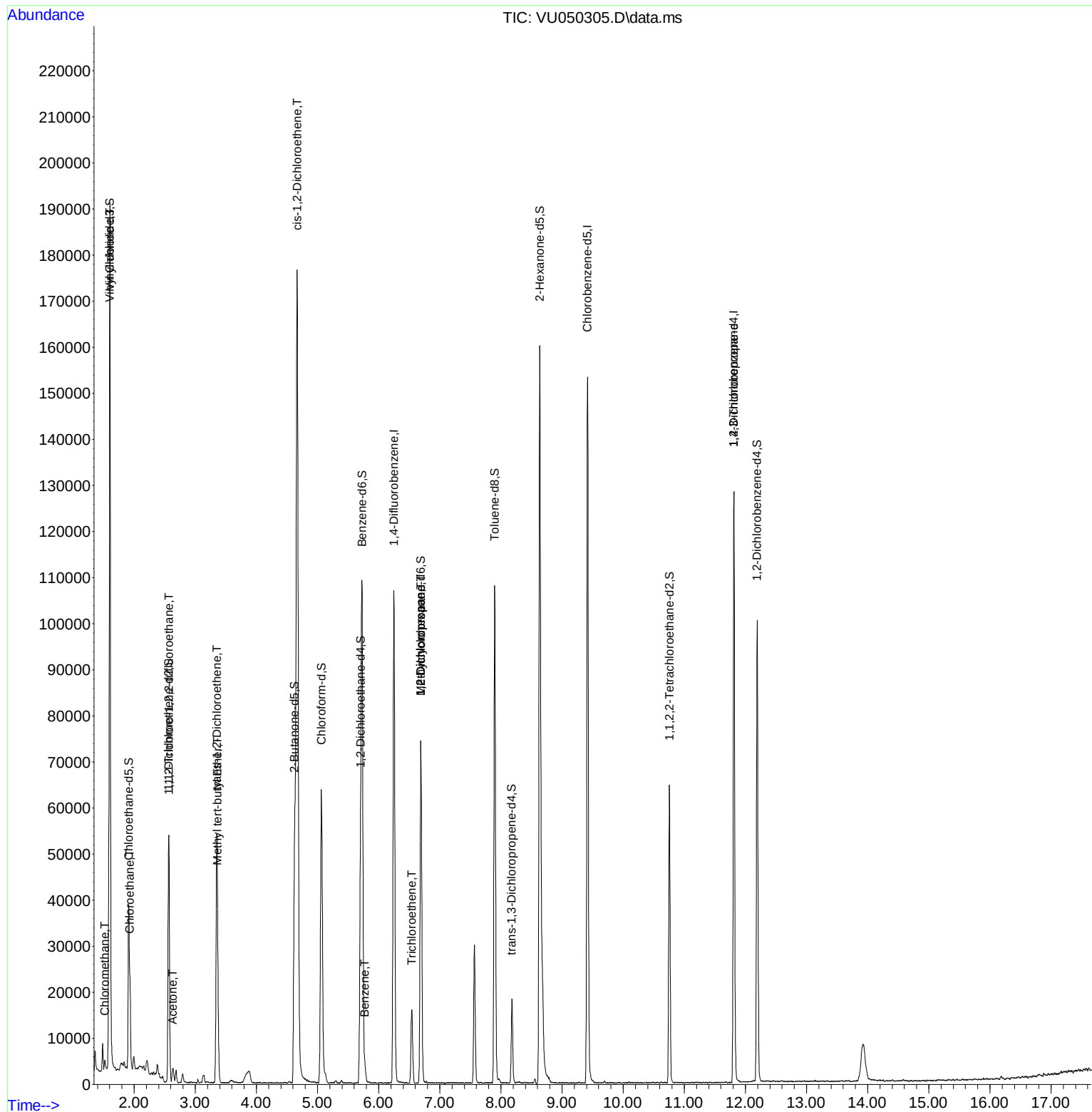
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28769	3.935	ug/L	0.00
Spiked Amount 5.000	Range 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
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	253	0.044	ug/L #	22
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
35) Methylcyclohexane	6.690	83	8562	0.873	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4008	0.479	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4369	0.921	ug/L #	64

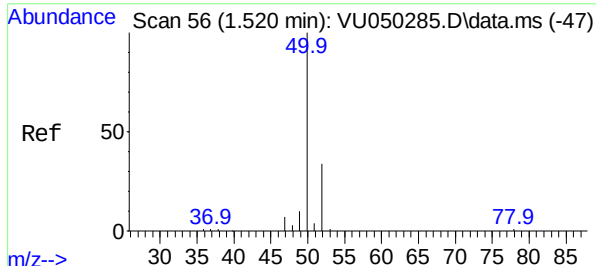
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 13 01:20:27 2022
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Chloromethane

Concen: 0.201 ug/L

RT: 1.520 min Scan#

Delta R.T. -0.000 min

Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

Instrument :

MSVOA_U

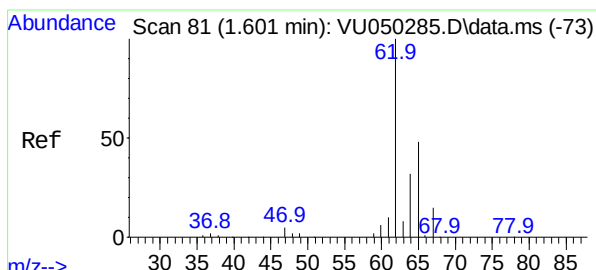
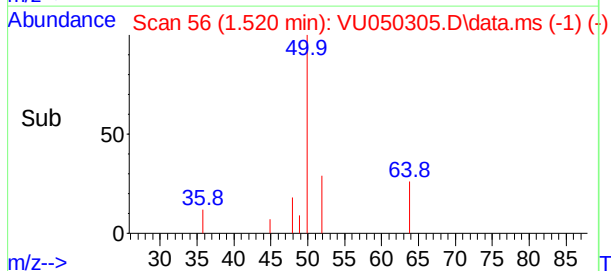
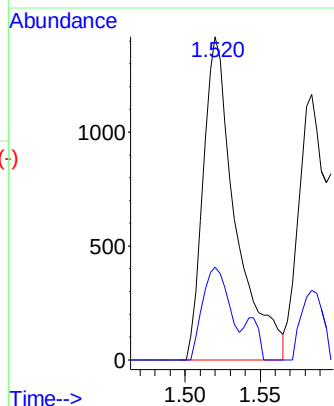
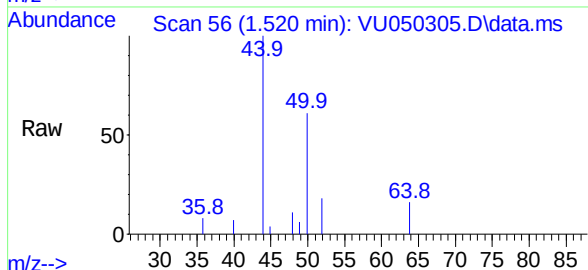
ClientSampleId :

Tgt Ion: 50 Resp: 2114

Ion Ratio Lower Upper

50 100

52 28.7 23.2 43.2



Vinyl chloride

Concen: 11.550 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.003 min

Lab File: VU050305.D

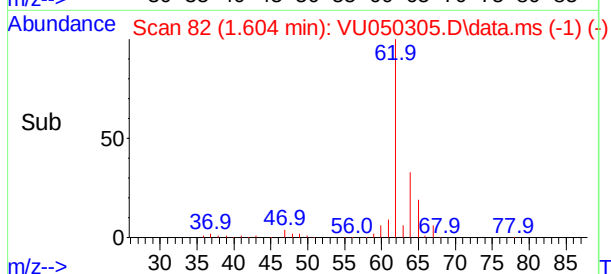
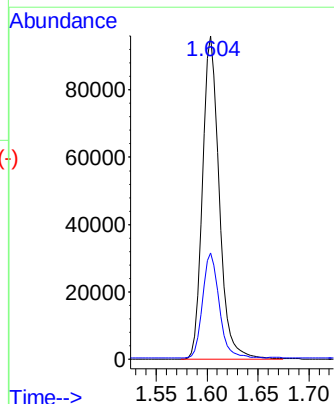
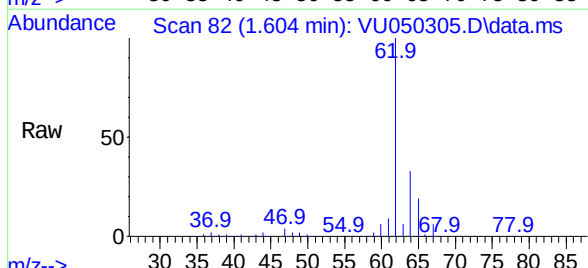
Acq: 13 Aug 2022 01:24

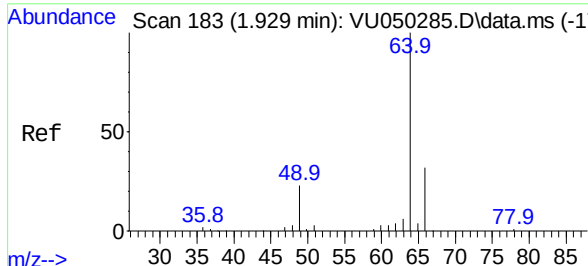
Tgt Ion: 62 Resp: 109012

Ion Ratio Lower Upper

62 100

64 32.9 22.8 42.4





Chloroethane

Concen: 2.083 ug/L

RT: 1.932 min Scan#

Delta R.T. 0.003 min

Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

Instrument :

MSVOA_U

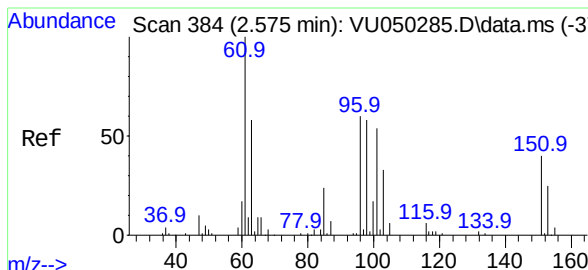
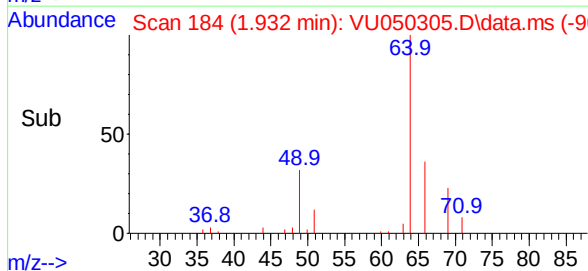
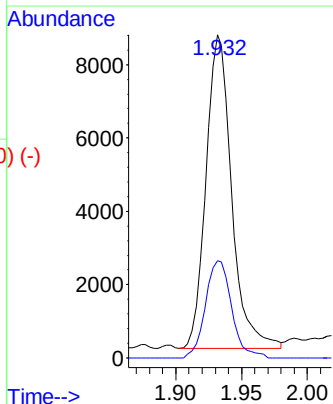
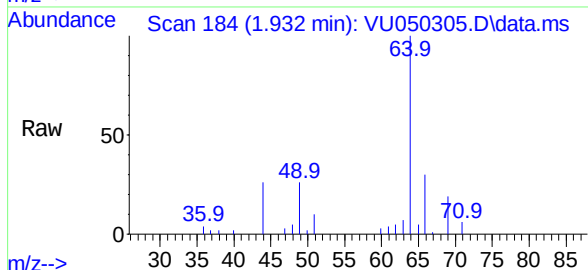
ClientSampleId :

Tgt Ion: 64 Resp: 11584

Ion Ratio Lower Upper

64 100

66 30.2 22.8 42.4



1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.044 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.007 min

Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

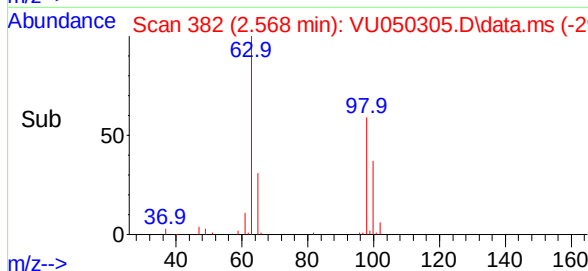
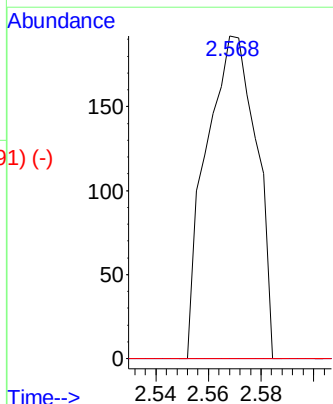
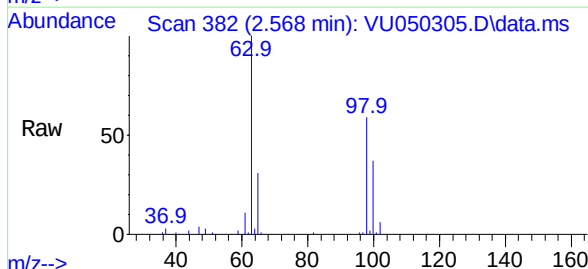
Tgt Ion: 101 Resp: 253

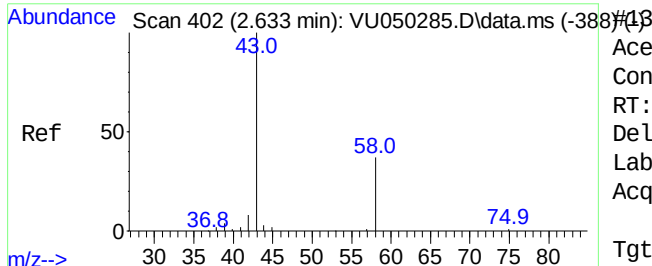
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#





Acetone

Concen: 4.060 ug/L

RT: 2.632 min Scan# 43

Delta R.T. -0.000 min

Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

Instrument :

MSVOA_U

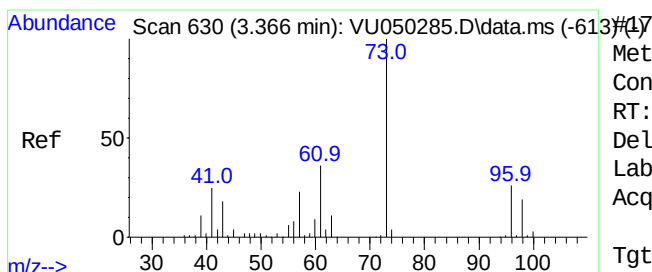
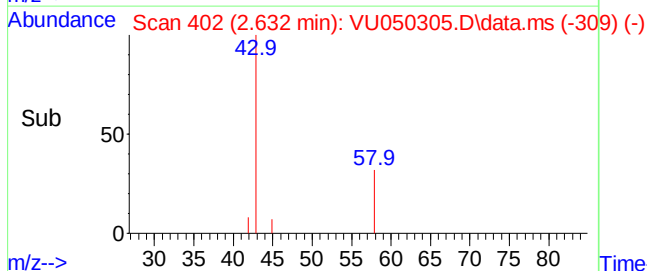
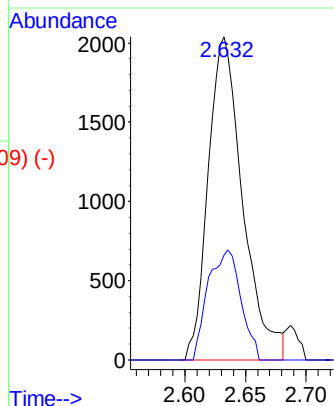
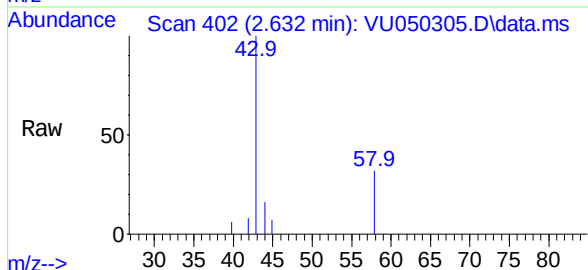
ClientSampleId :

Tgt Ion: 43 Resp: 4031

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.0



Methyl tert-butyl Ether

Concen: 0.364 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

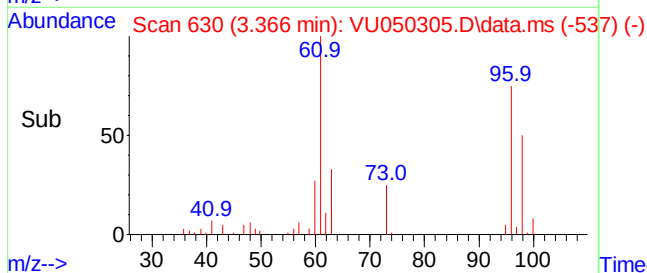
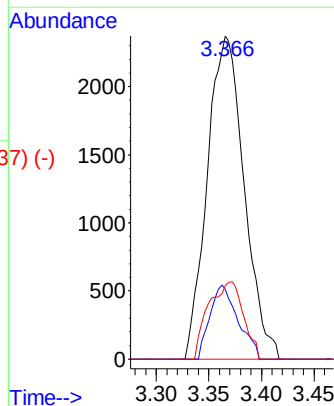
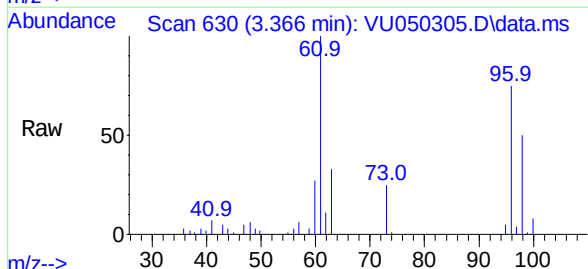
Tgt Ion: 73 Resp: 5772

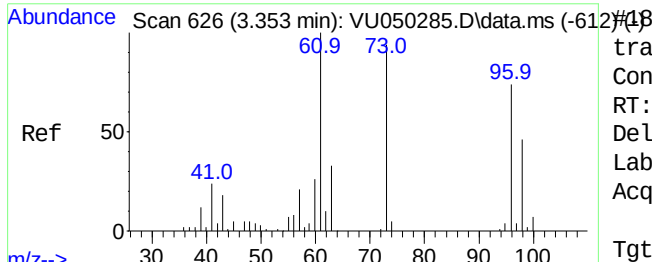
Ion Ratio Lower Upper

73 100

43 17.5 13.5 20.3

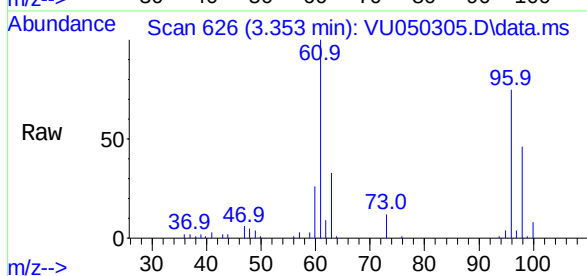
57 22.6 17.4 26.2



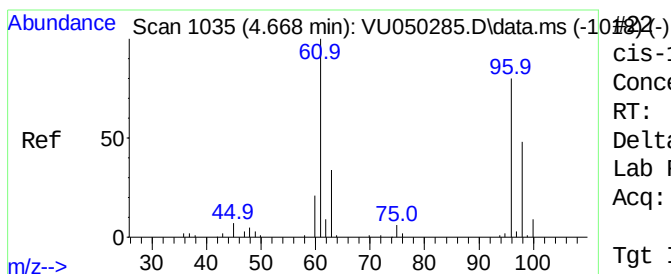
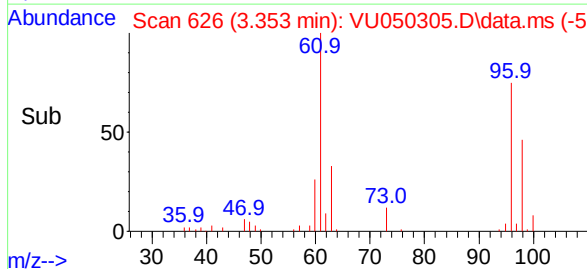
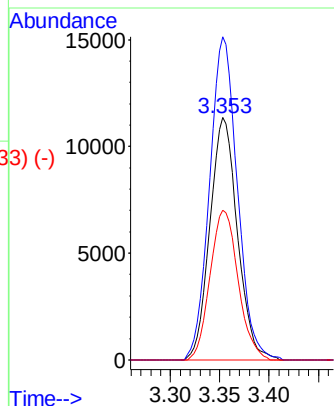


trans-1,2-Dichloroethene
Concen: 3.257 ug/L
RT: 3.353 min Scan# 18
Delta R.T. -0.000 min
Lab File: VU050305.D
Acq: 13 Aug 2022 01:24

Instrument :
MSVOA_U
ClientSampleId :

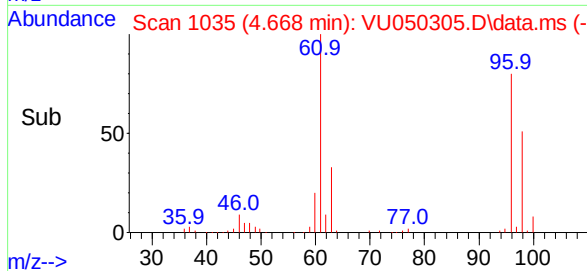
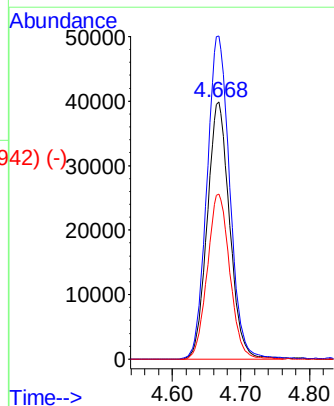
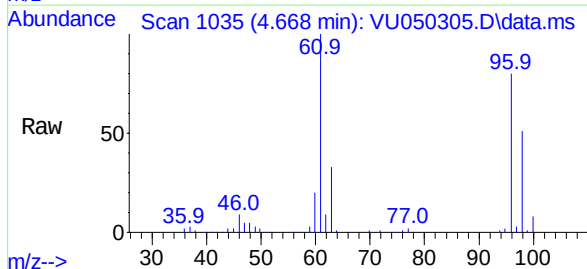


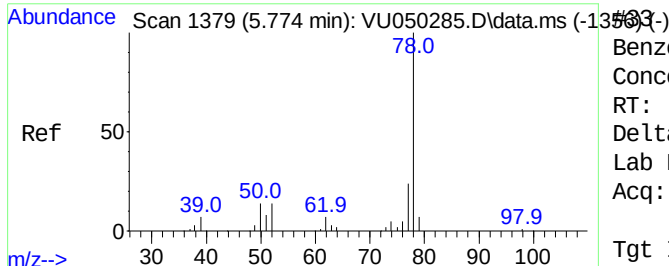
Tgt Ion: 96 Resp: 22144
Ion Ratio Lower Upper
96 100
61 133.3 92.3 171.5
98 61.8 43.2 80.2



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

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

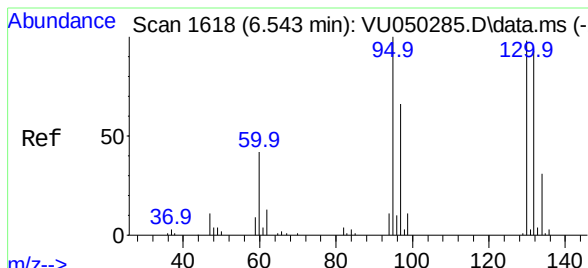
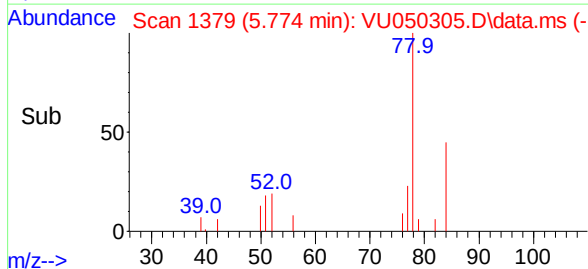
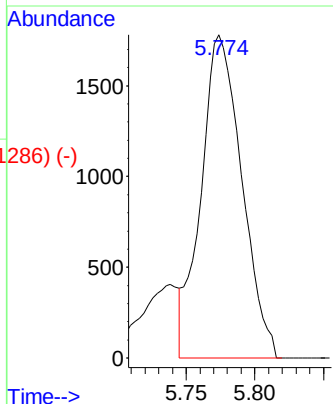
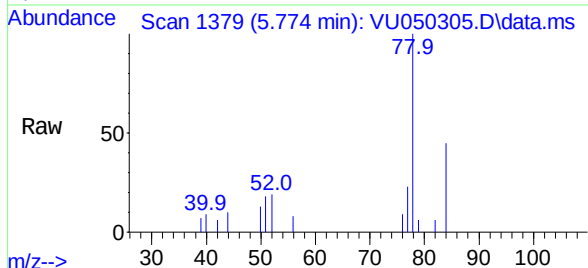




Benzene
 Concen: 0.117 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. -0.000 min
 Lab File: VU050305.D
 Acq: 13 Aug 2022 01:24

Instrument :
 MSVOA_U
 ClientSampleId :

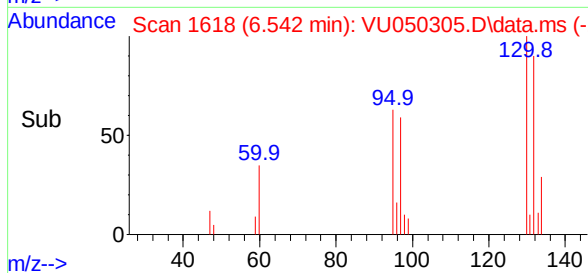
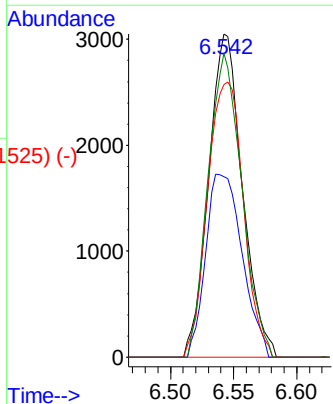
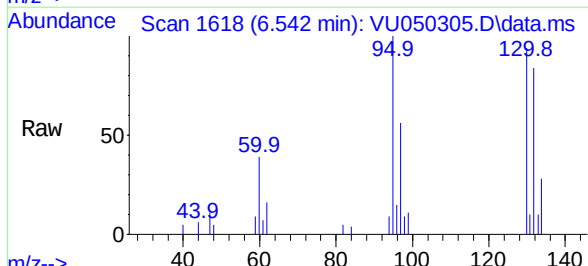
Tgt Ion: 78 Resp: 3673



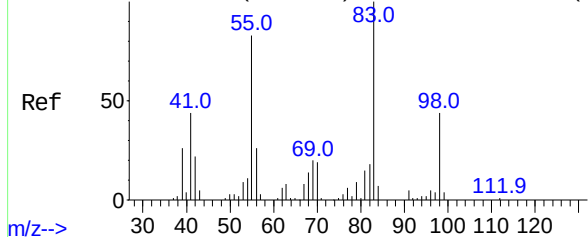
Trichloroethene
 Concen: 0.743 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU050305.D
 Acq: 13 Aug 2022 01:24

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



Abundance Scan 1687 (6.764 min): VU050285.D\data.ms (-1679) (-)



Methylcyclohexane

Concen: 0.873 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

Instrument :

MSVOA_U

ClientSampleId :

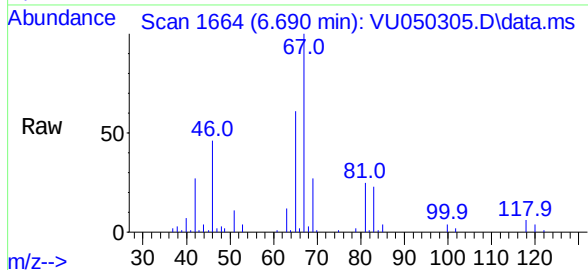
Tgt Ion: 83 Resp: 8562

Ion Ratio Lower Upper

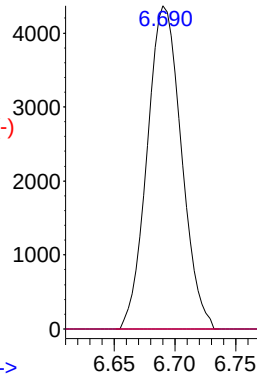
83 100

55 0.0 62.7 94.1#

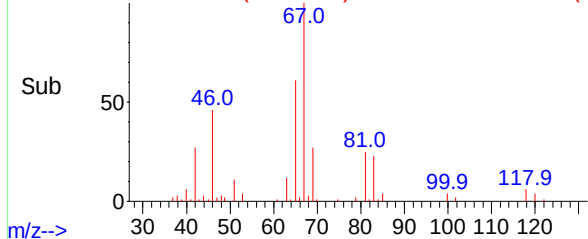
98 0.6 36.2 54.2#



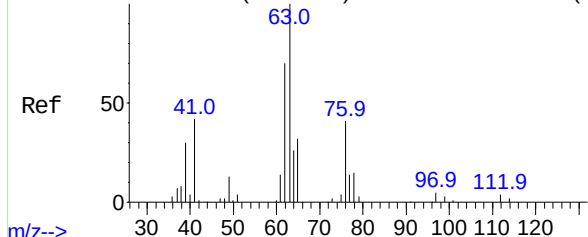
Abundance



Abundance Scan 1664 (6.690 min): VU050305.D\data.ms (-1594) (-)



Abundance Scan 1696 (6.793 min): VU050285.D\data.ms (-1679) (-)



1,2-Dichloropropane

Concen: 0.479 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050305.D

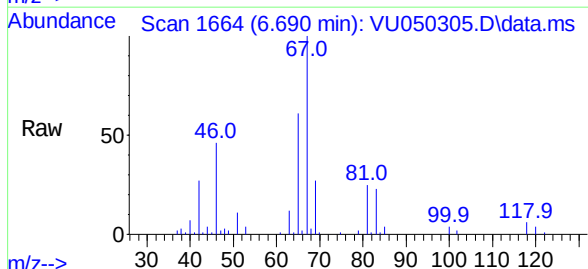
Acq: 13 Aug 2022 01:24

Tgt Ion: 63 Resp: 4008

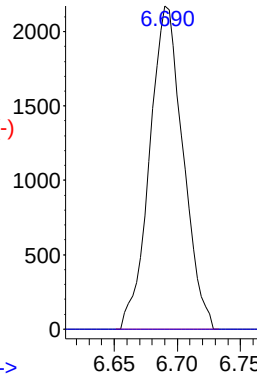
Ion Ratio Lower Upper

63 100

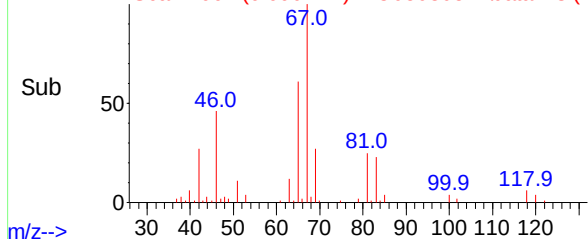
112 0.0 3.0 4.4#



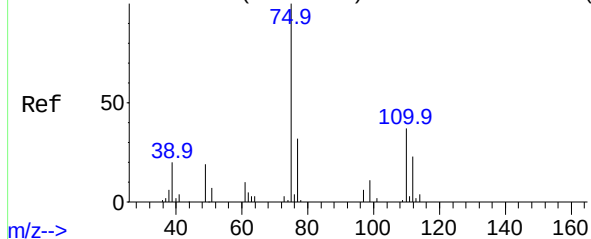
Abundance



Abundance Scan 1664 (6.690 min): VU050305.D\data.ms (-1603) (-)



Abundance Scan 2949 (10.822 min): VU050285.D\data.ms (-2959) (-)



1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 11.812 min Scan# 4369

Delta R.T. 0.990 min

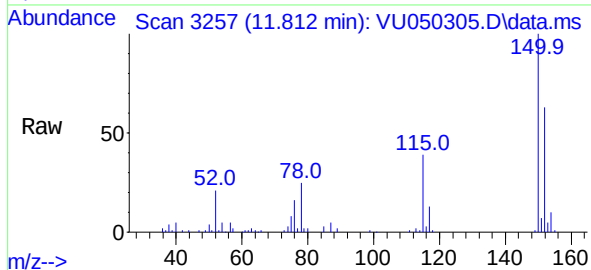
Lab File: VU050305.D

Acq: 13 Aug 2022 01:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 4369

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 27.2 25.8 38.6

