

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049926.D
 Acq On : 26 Jul 2022 20:51
 Operator : SY/MD
 Sample : N3850-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COW28

Quant Time: Jul 27 04:00:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

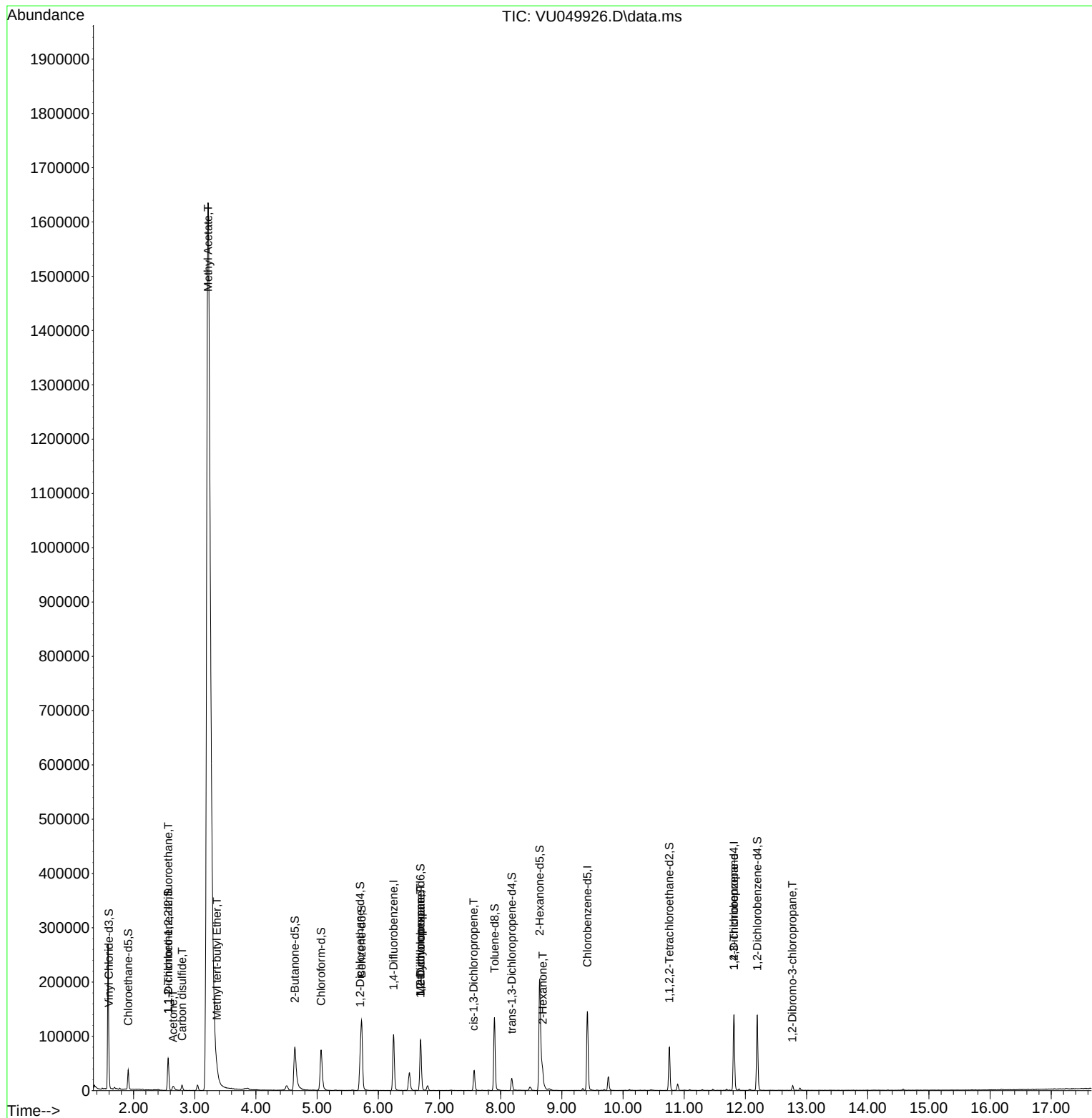
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79311	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26624	4.147	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.912	69	23996	4.465	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.400%	
11) 1,1-Dichloroethene-d2	2.565	65	11610	4.051	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.000%	
20) 2-Butanone-d5	4.636	46	131065	56.731	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.460%	
24) Chloroform-d	5.063	84	67327	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.703	65	38765	4.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.729	84	111658	4.137	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
36) 1,2-Dichloropropane-d6	6.690	67	43187	4.631	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.899	98	86999	3.688	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13504	3.989	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.636	63	60698	45.247	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38943	4.973	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34599	4.605	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	326	0.063	ug/L #	21
13) Acetone	2.646	43	13584	9.775	ug/L	100
14) Carbon disulfide	2.793	76	12802	0.790	ug/L	97
15) Methyl Acetate	3.218	43	410629	118.531	ug/L #	55
17) Methyl tert-butyl Ether	3.363	73	2068	0.122	ug/L #	1
35) Methylcyclohexane	6.690	83	9670	1.125	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	4882	0.596	ug/L #	49
39) cis-1,3-Dichloropropene	7.559	75	1114	0.103	ug/L #	74
48) 2-Hexanone	8.687	43	19987	4.687	ug/L #	92
61) 1,2,3-Trichloropropane	11.812	75	5050	1.041	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.767	75	306	0.282	ug/L #	8

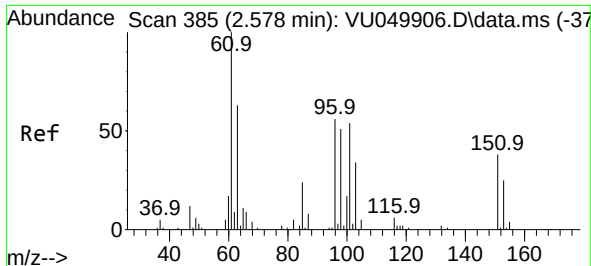
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.063 ug/L

RT: 2.565 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU049926.D

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COW28

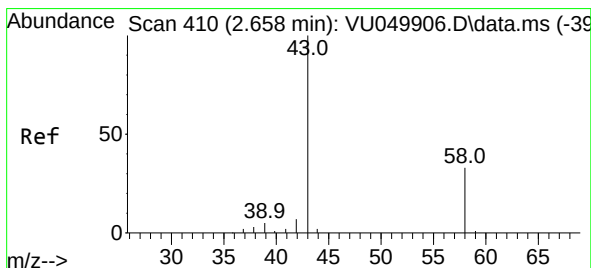
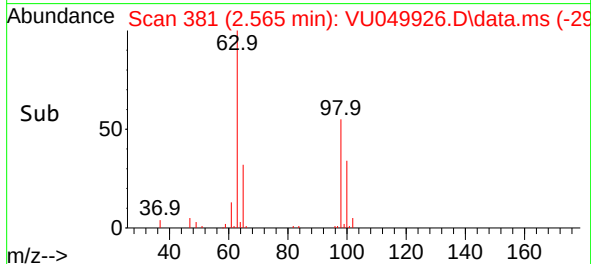
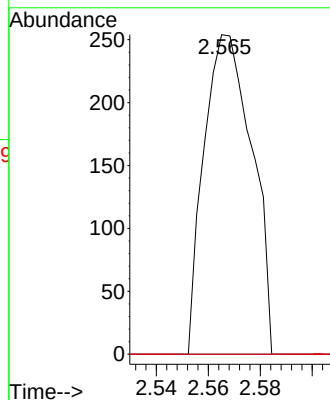
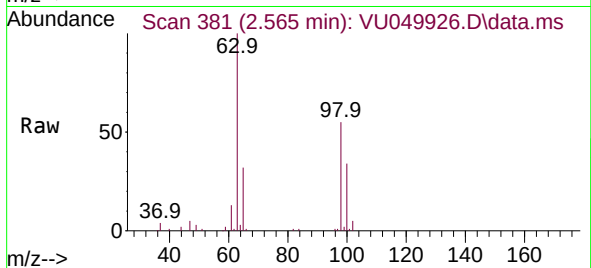
Tgt Ion:101 Resp: 326

Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

151 0.0 56.0 84.0#



#13

Acetone

Concen: 9.775 ug/L

RT: 2.646 min Scan# 406

Delta R.T. -0.013 min

Lab File: VU049926.D

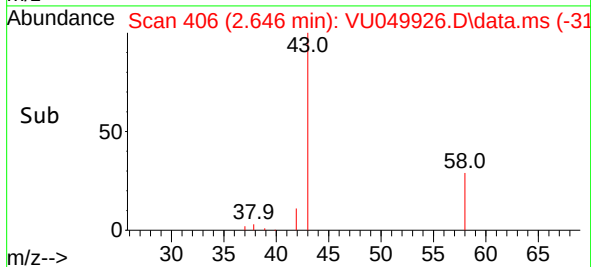
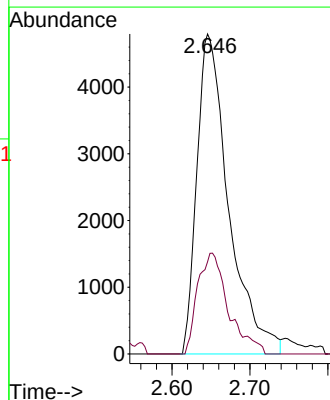
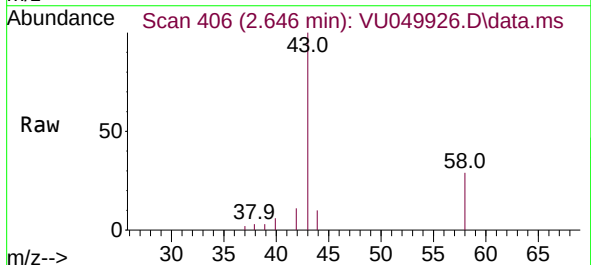
Acq: 26 Jul 2022 20:51

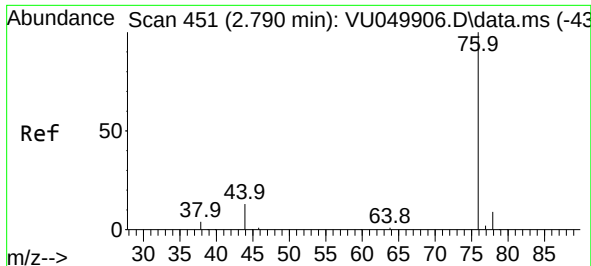
Tgt Ion: 43 Resp: 13584

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.0

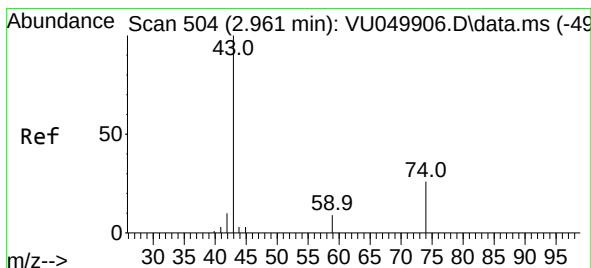
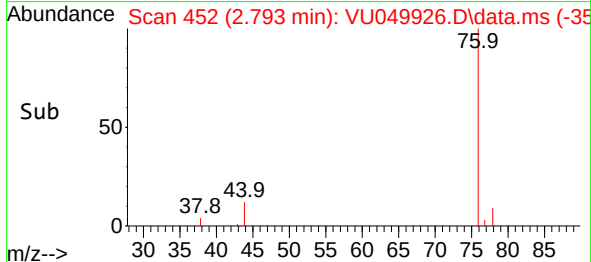
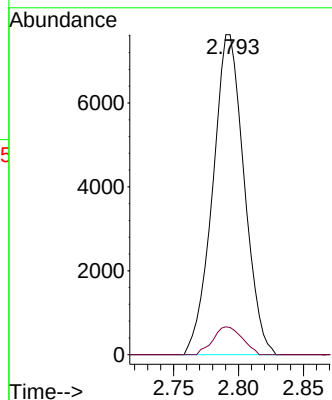
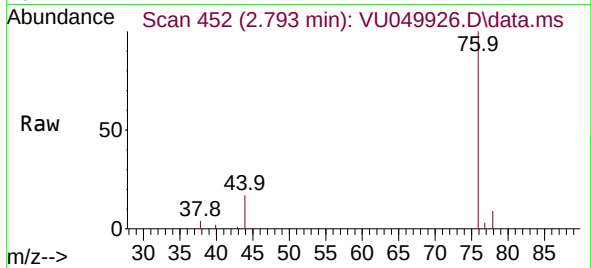




#14
Carbon disulfide
Concen: 0.790 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU049926.D
Acq: 26 Jul 2022 20:51

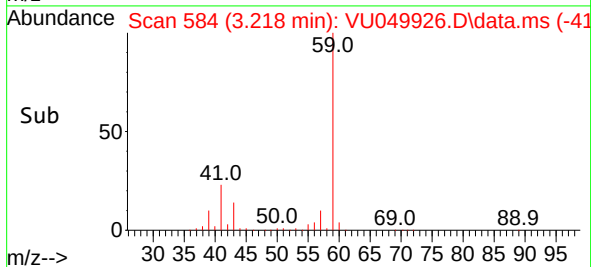
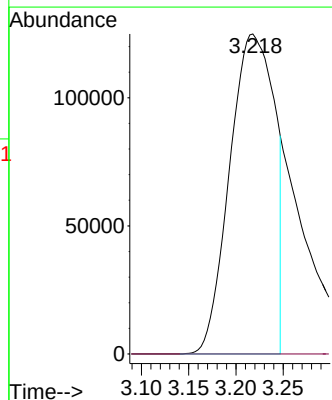
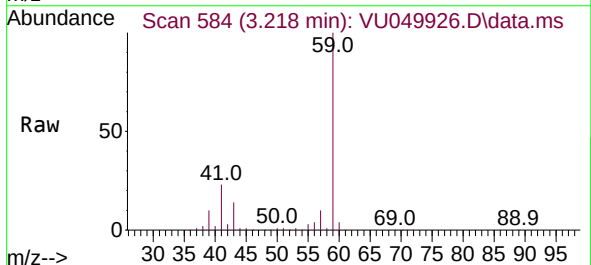
Instrument :
MSVOA_U
ClientSampleId :
COW28

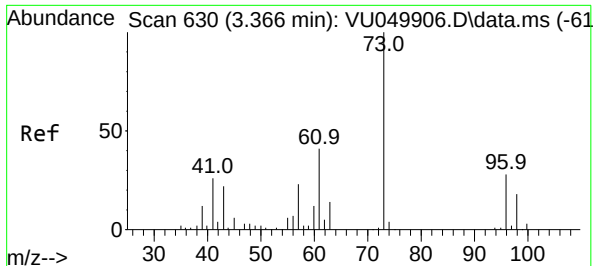
Tgt Ion: 76 Resp: 12802
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6



#15
Methyl Acetate
Concen: 118.531 ug/L
RT: 3.218 min Scan# 584
Delta R.T. 0.257 min
Lab File: VU049926.D
Acq: 26 Jul 2022 20:51

Tgt Ion: 43 Resp: 410629
Ion Ratio Lower Upper
43 100
74 0.0 17.1 25.7#





#17

Methyl tert-butyl Ether

Concen: 0.122 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049926.D

Acq: 26 Jul 2022 20:51

Instrument :

MSVOA_U

ClientSampleId :

COW28

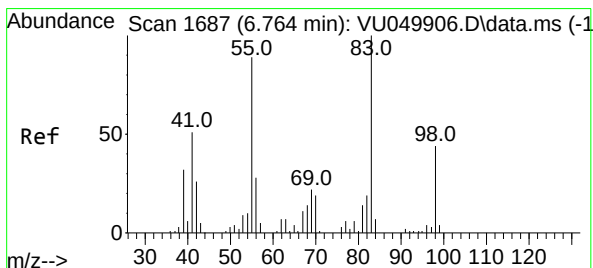
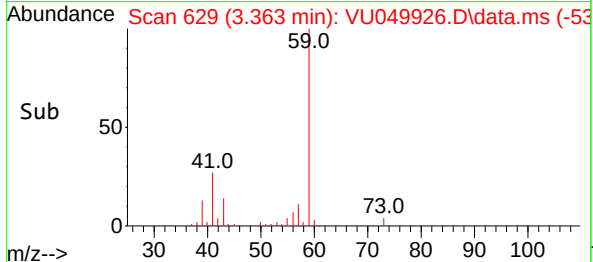
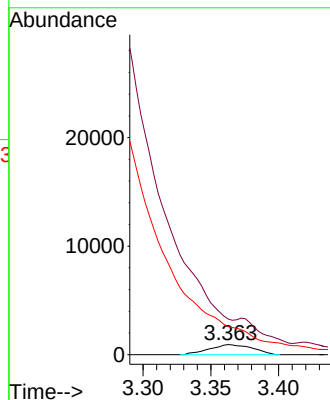
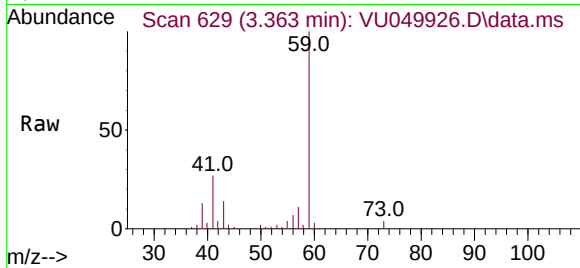
Tgt Ion: 73 Resp: 2068

Ion Ratio Lower Upper

73 100

43 28664.1 17.4 26.2#

57 20921.7 18.7 28.1#



#35

Methylcyclohexane

Concen: 1.125 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049926.D

Acq: 26 Jul 2022 20:51

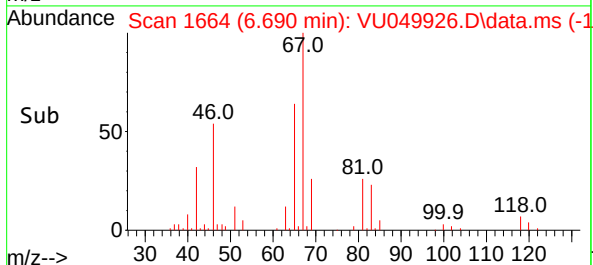
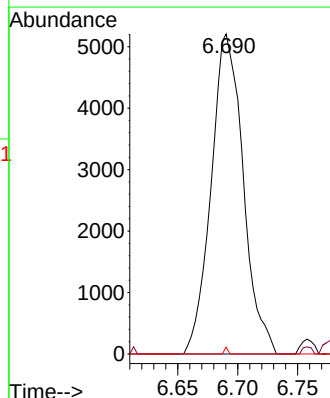
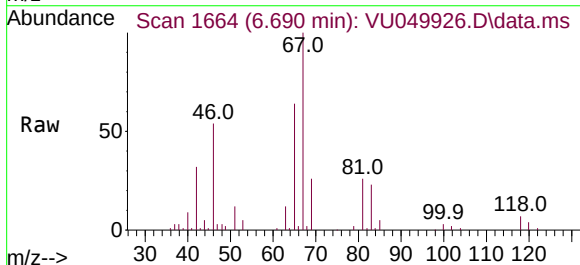
Tgt Ion: 83 Resp: 9670

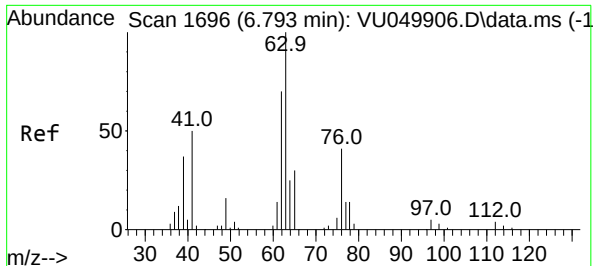
Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

98 0.2 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU049926.D

Acq: 26 Jul 2022 20:51

Instrument :

MSVOA_U

ClientSampleId :

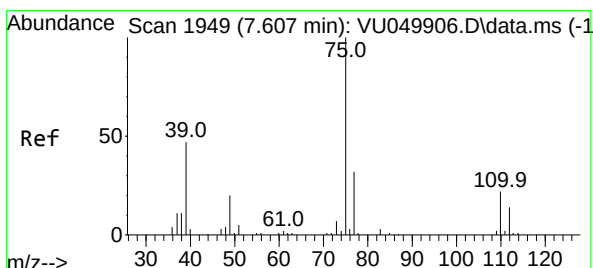
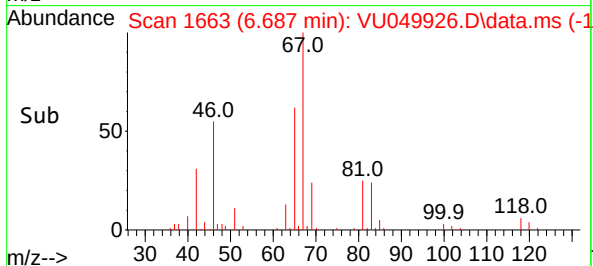
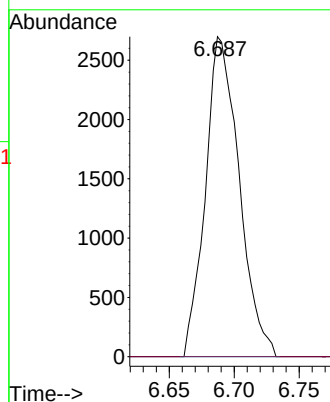
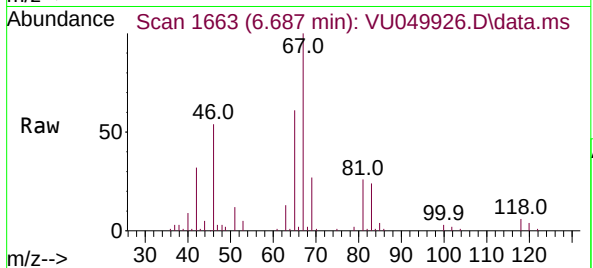
COW28

Tgt Ion: 63 Resp: 4882

Ion Ratio Lower Upper

63 100

112 20.4 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.559 min Scan# 1934

Delta R.T. -0.048 min

Lab File: VU049926.D

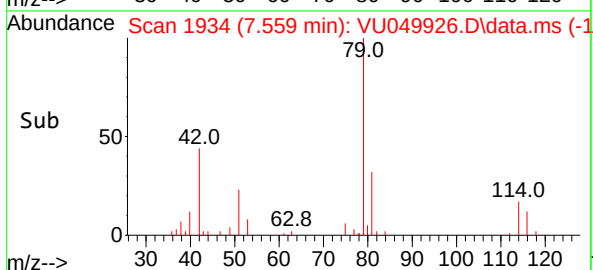
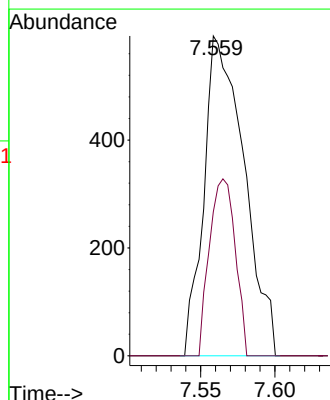
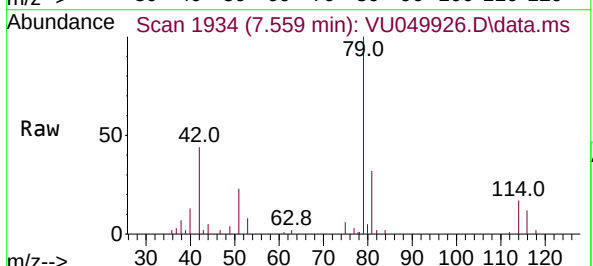
Acq: 26 Jul 2022 20:51

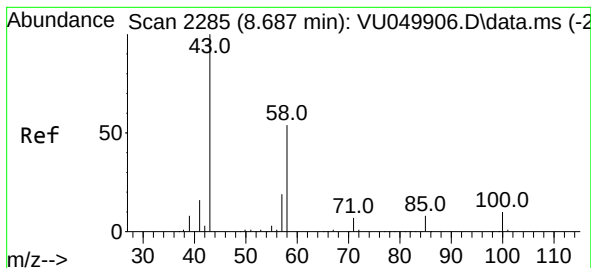
Tgt Ion: 75 Resp: 1114

Ion Ratio Lower Upper

75 100

77 45.0 21.6 40.0#





#48

2-Hexanone

Concen: 4.687 ug/L

RT: 8.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049926.D

Acq: 26 Jul 2022 20:51

Instrument :

MSVOA_U

ClientSampleId :

COW28

Tgt Ion: 43 Resp: 19987

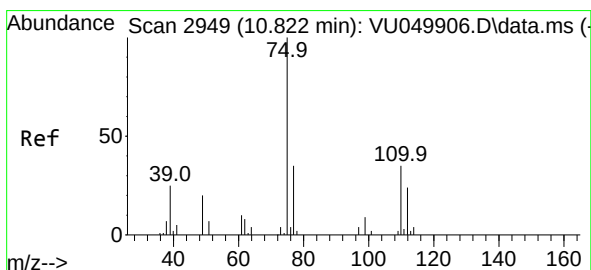
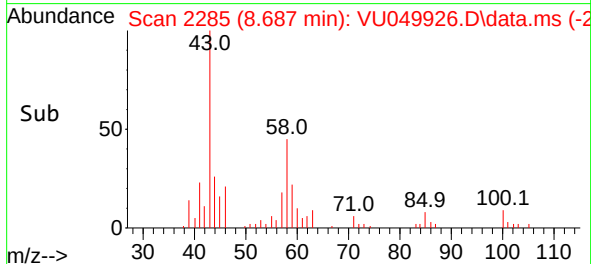
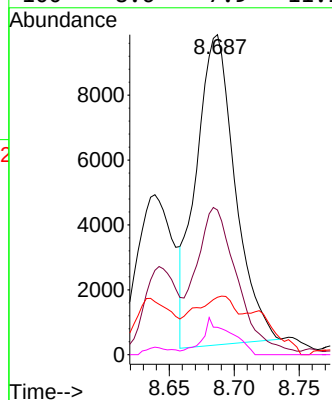
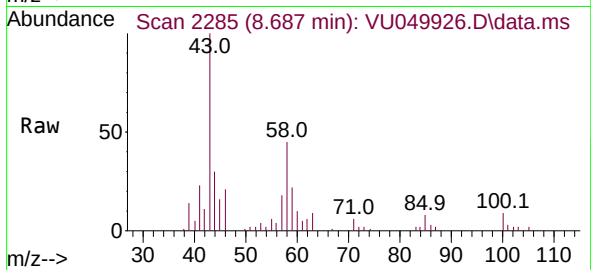
Ion Ratio Lower Upper

43 100

58 49.6 42.1 63.1

57 9.1 14.3 21.5#

100 8.6 7.9 11.9



#61

1,2,3-Trichloropropane

Concen: 1.041 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049926.D

Acq: 26 Jul 2022 20:51

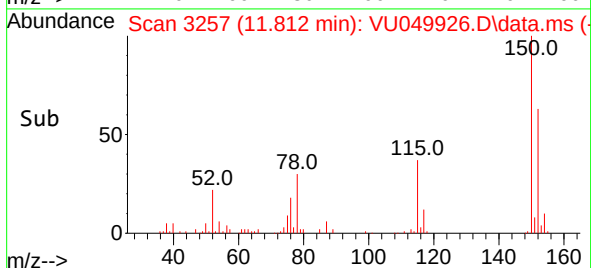
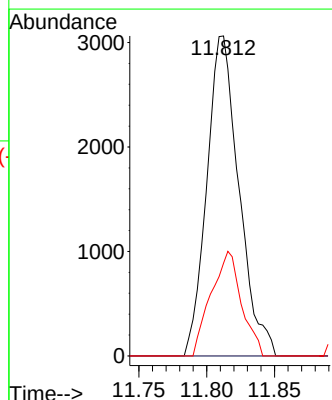
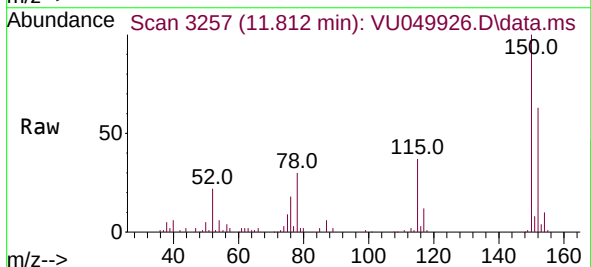
Tgt Ion: 75 Resp: 5050

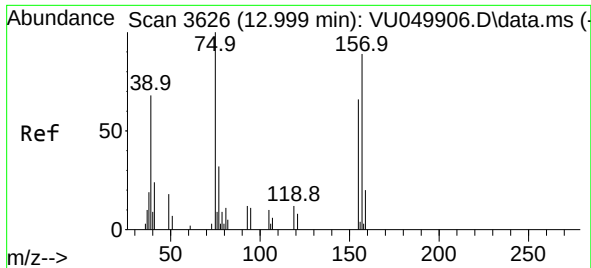
Ion Ratio Lower Upper

75 100

110 0.0 28.0 42.0#

77 30.9 25.4 38.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.282 ug/L

RT: 12.767 min Scan# 31

Delta R.T. -0.232 min

Lab File: VU049926.D

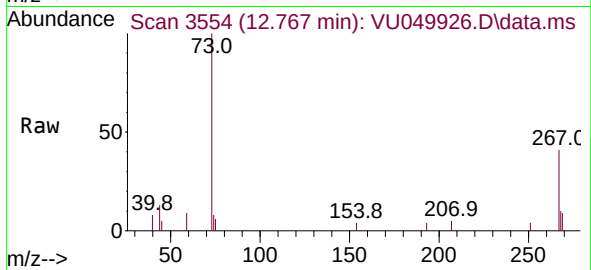
Acq: 26 Jul 2022 20:51

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 0.0 60.4 90.6#

157 0.0 70.0 105.0#

