

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039939.D
 Acq On : 21 Aug 2020 19:38
 Operator : SY/MD
 Sample : L3776-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y16

Quant Time: Aug 22 00:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25717	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.92	69	26138	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	38459	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.65	46	100767	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	5.09	84	57098	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	32704	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.75	84	106294	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	32912	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	80294	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	12907	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	75424	49.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30344	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	36435	6.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.00%#

Target Compounds

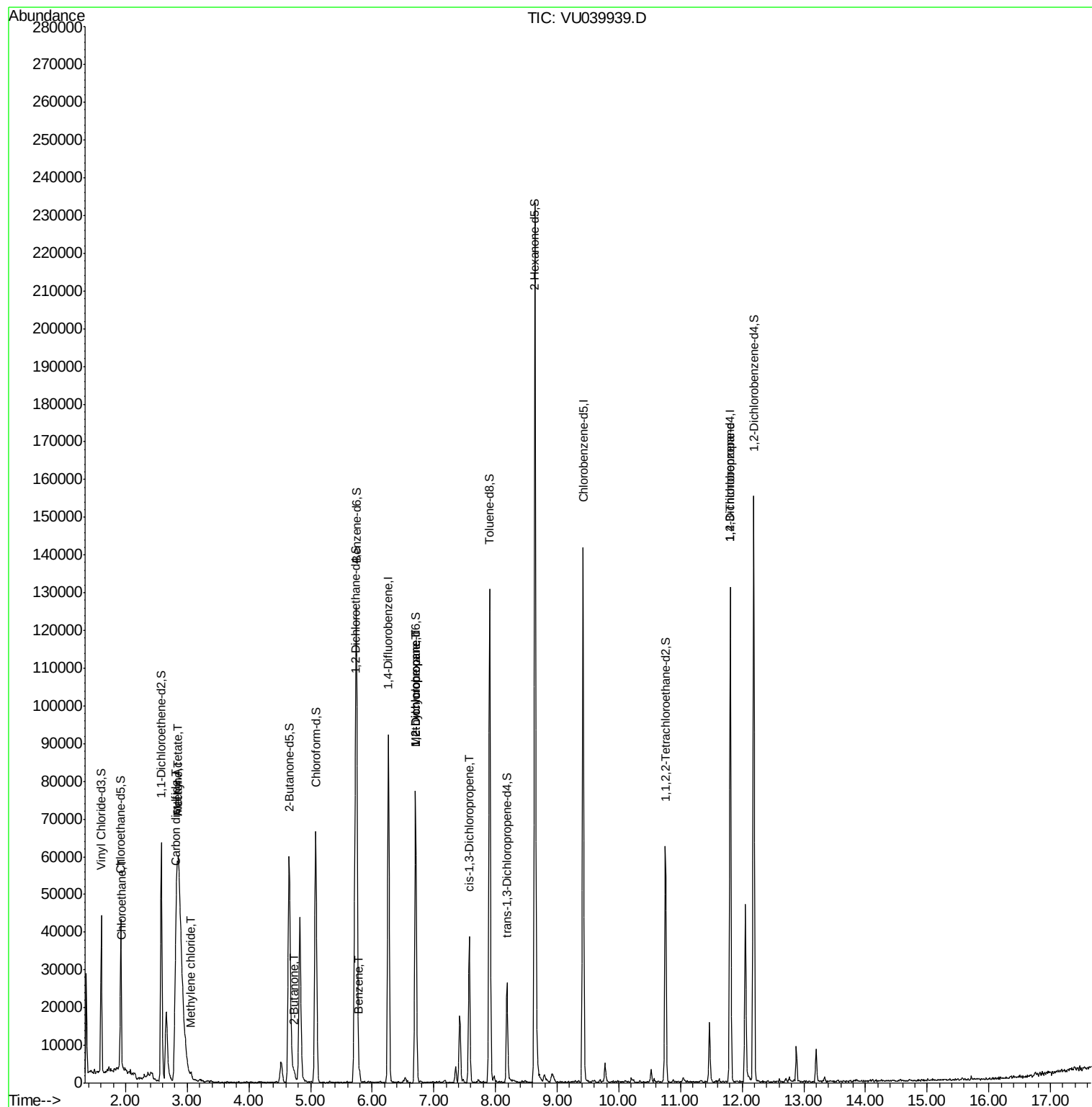
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	366	0.075	ug/L #	42
13) Acetone	2.84	43	20517	15.622	ug/L	83
14) Carbon disulfide	2.81	76	1642	0.084	ug/L #	88
15) Methyl Acetate	2.84	43	20517	6.086	ug/L #	56
16) Methylene chloride	3.07	84	497	0.060	ug/L	77
21) 2-Butanone	4.74	43	3000	1.315	ug/L #	71
33) Benzene	5.79	78	2651	0.101	ug/L	100
35) Methylcyclohexane	6.71	83	7756	0.742	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4145	0.593	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	932	0.095	ug/L #	38
59) 1,2,3-Trichloropropane	11.81	75	4760	0.951	ug/L	93

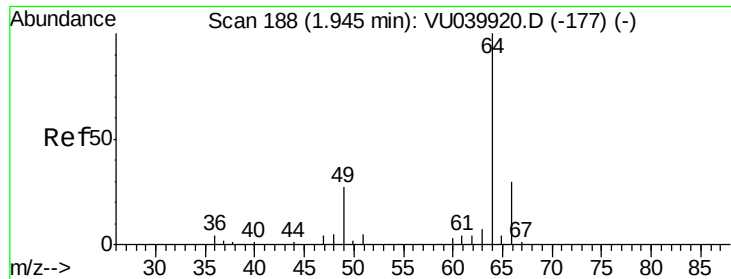
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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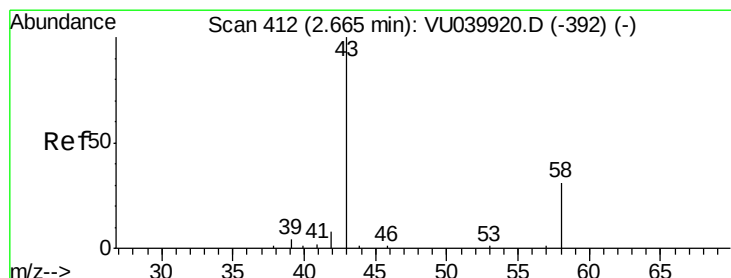
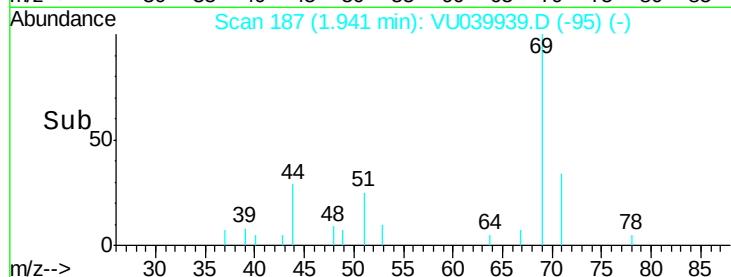
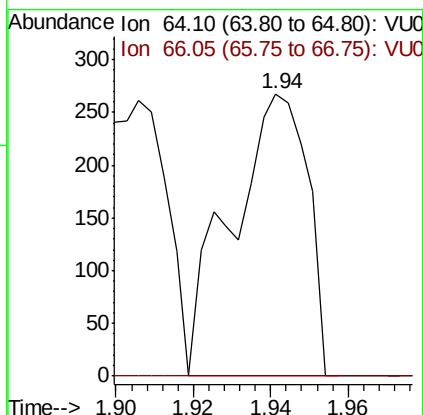
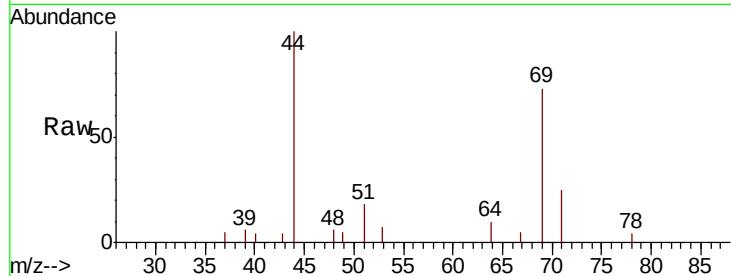




#8
Chloroethane
Concen: 0.075 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039939.D
Acq: 21 Aug 2020 19:38

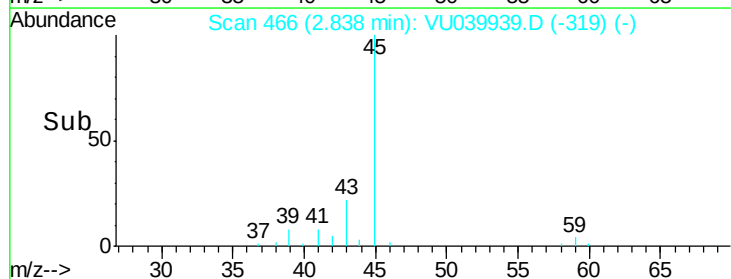
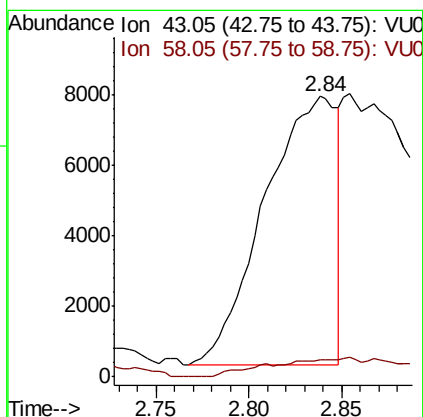
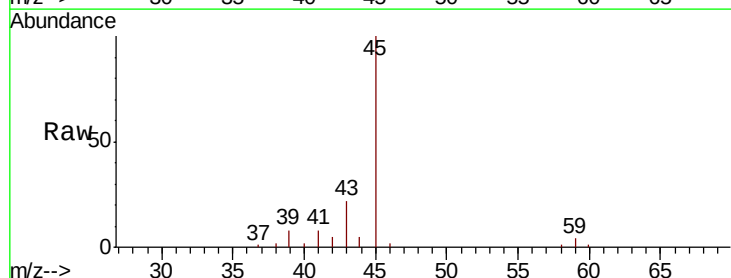
Instrument :
MSVOA_U
ClientSampleId :
F4Y16

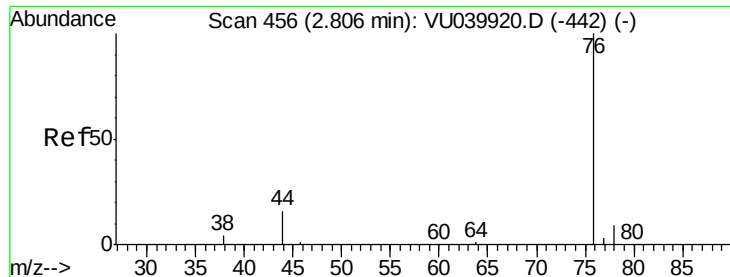
Tot Ion: 64 Resp: 366
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#



#13
Acetone
Concen: 15.622 ug/L
RT: 2.84 min Scan# 466
Delta R.T. 0.17 min
Lab File: VU039939.D
Acq: 21 Aug 2020 19:38

Tgt Ion: 43 Resp: 20517
Ion Ratio Lower Upper
43 100
58 3.2 0.0 19.0





#14

Carbon disulfide

Concen: 0.084 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU039939.D

Acq: 21 Aug 2020 19:38

Instrument :

MSVOA_U

ClientSampled :

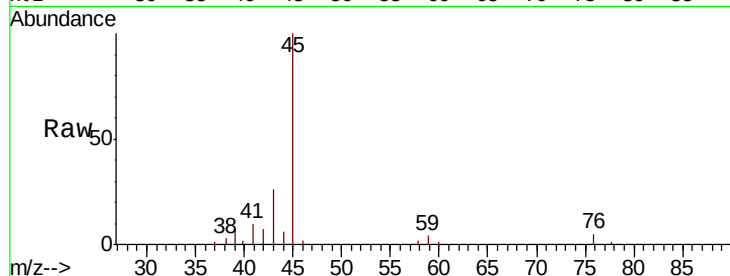
F4Y16

Tot Ion: 76 Resp: 1642

Ion Ratio Lower Upper

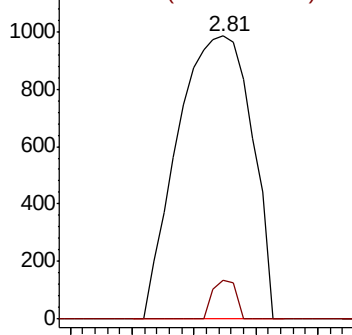
76 100

78 13.5 7.4 11.0#

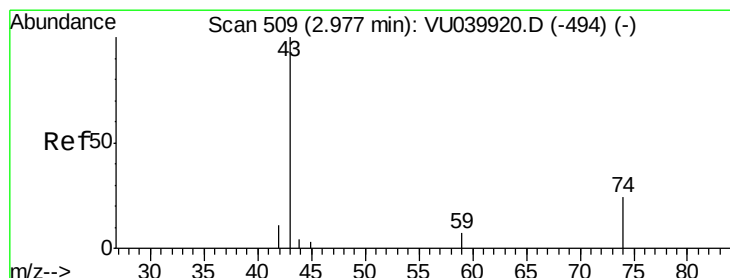
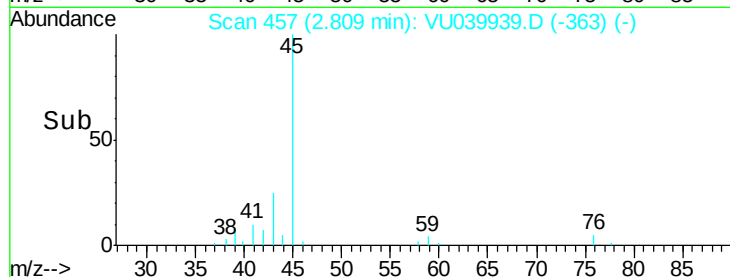


Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



Time--> 2.76 2.78 2.80 2.82 2.84



#15

Methyl Acetate

Concen: 6.086 ug/L

RT: 2.84 min Scan# 466

Delta R.T. -0.14 min

Lab File: VU039939.D

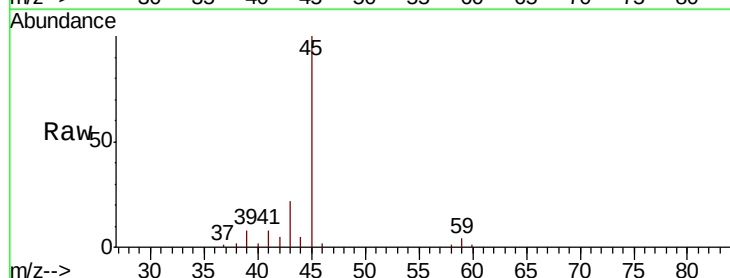
Acq: 21 Aug 2020 19:38

Tgt Ion: 43 Resp: 20517

Ion Ratio Lower Upper

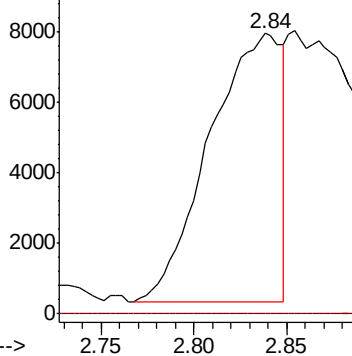
43 100

74 0.0 16.3 24.5#

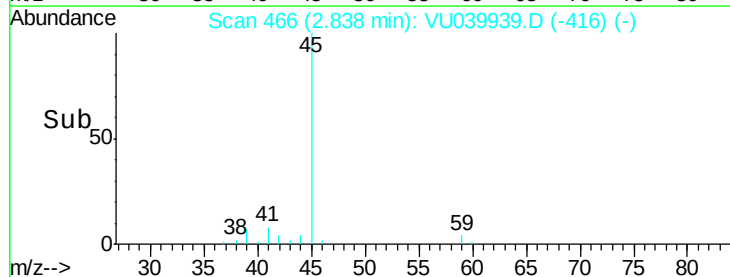


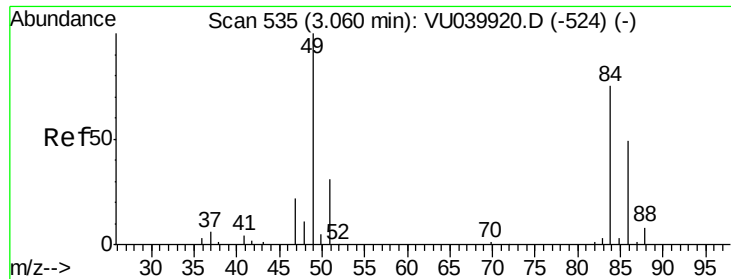
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



Time--> 2.75 2.80 2.85

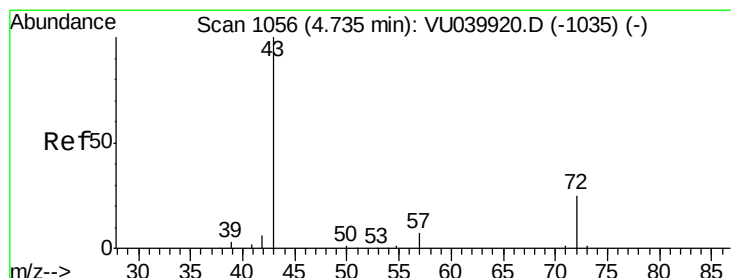
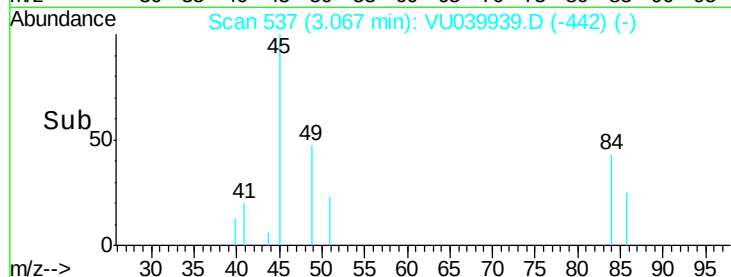
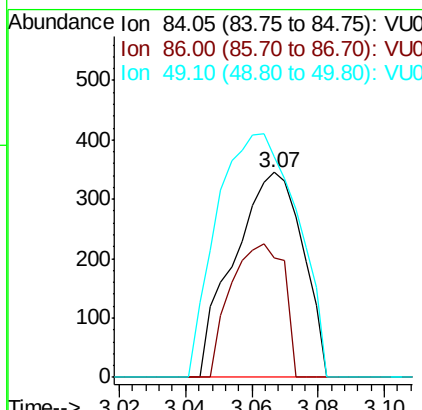
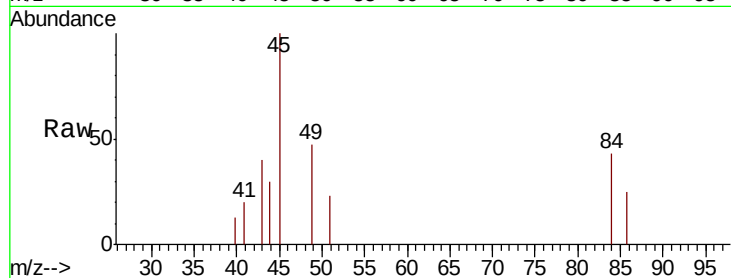




#16
Methvlene chloride
Concen: 0.060 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039939.D
Acq: 21 Aug 2020 19:38

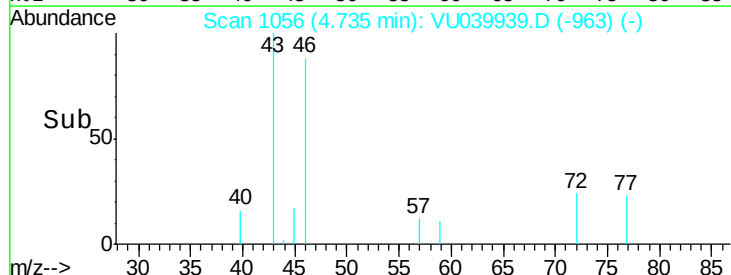
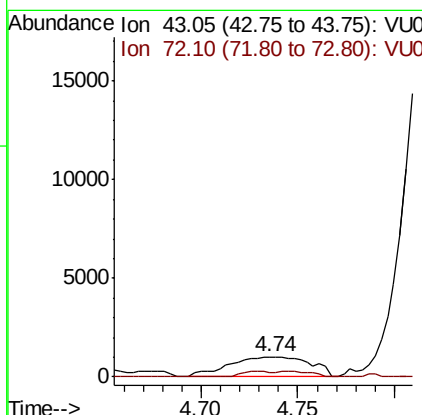
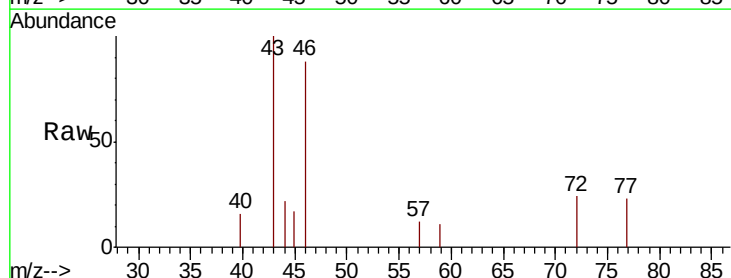
Instrument :
MSVOA_U
ClientSampleId :
F4Y16

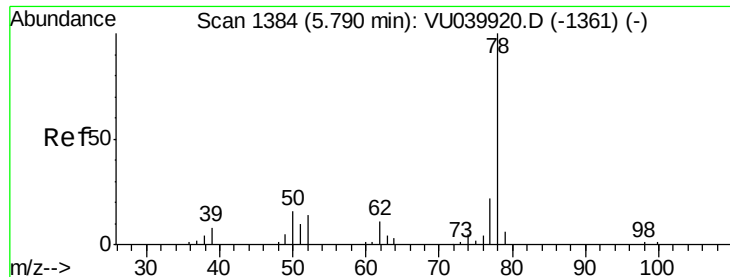
Tot Ion: 84 Resp: 497
Ion Ratio Lower Upper
84 100
86 58.6 47.2 87.6
49 107.5 99.8 185.4



#21
2-Butanone
Concen: 1.315 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VU039939.D
Acq: 21 Aug 2020 19:38

Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
72 10.9 12.7 38.0#

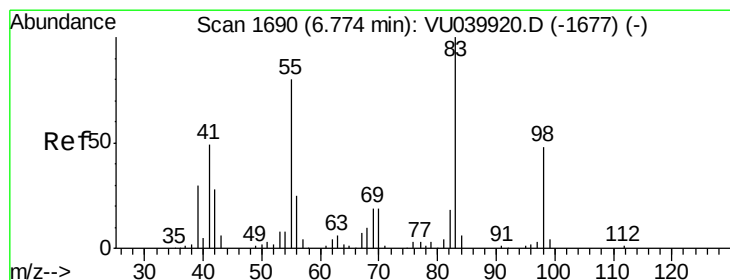
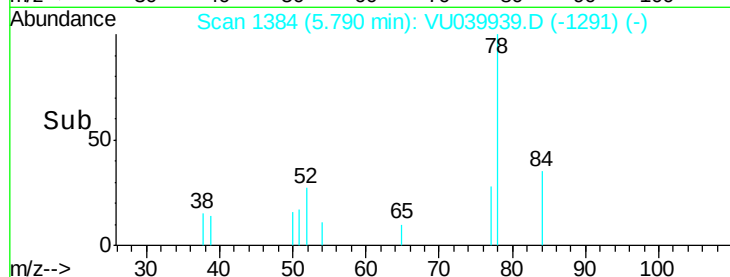
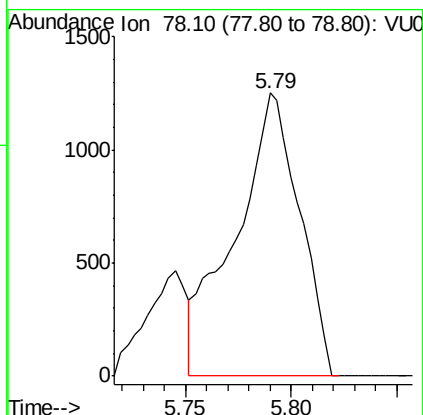
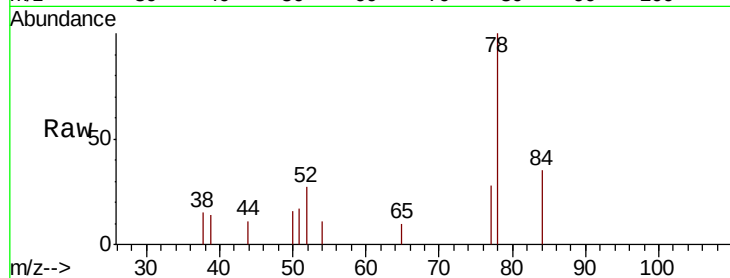




#33
Benzene
Concen: 0.101 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039939.D
Acq: 21 Aug 2020 19:38

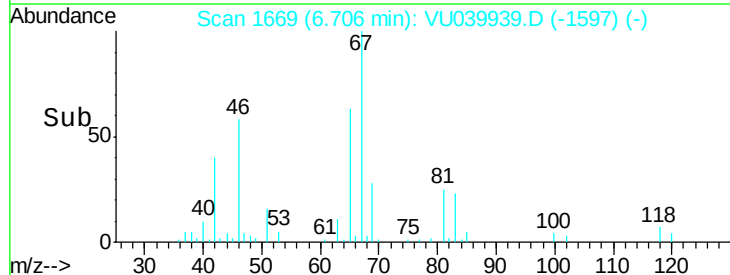
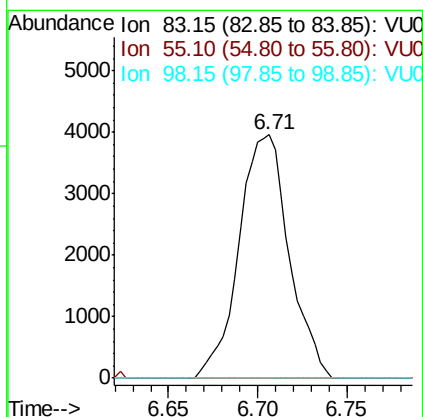
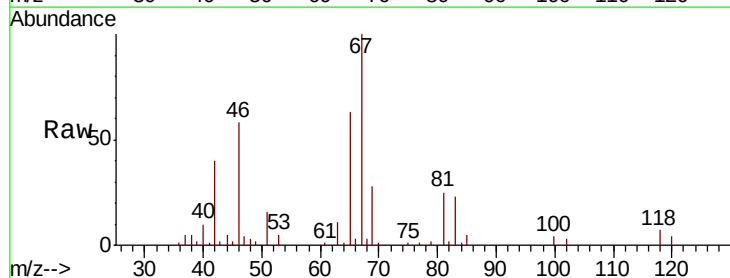
Instrument :
MSVOA_U
ClientSampled :
F4Y16

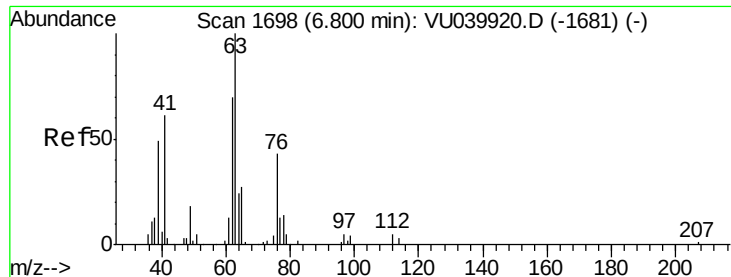
Tgt Ion: 78 Resp: 2651



#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039939.D
Acq: 21 Aug 2020 19:38

Tgt Ion: 83 Resp: 7756
Ion Ratio Lower Upper
83 100
55 0.3 64.1 96.1#
98 1.0 39.4 59.0#

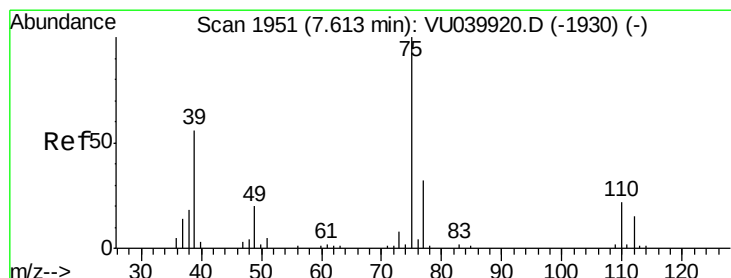
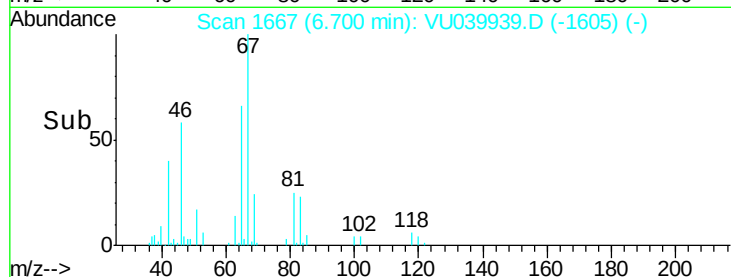
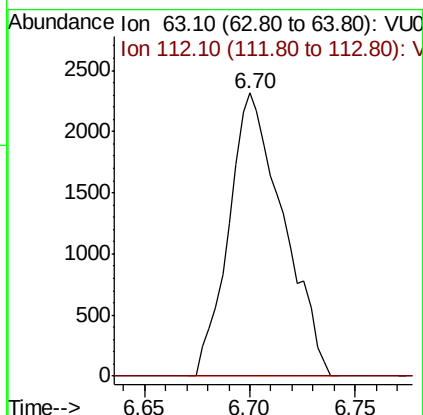
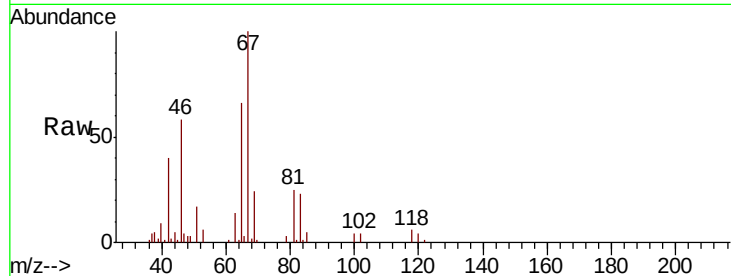




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039939.D
 Acq: 21 Aug 2020 19:38

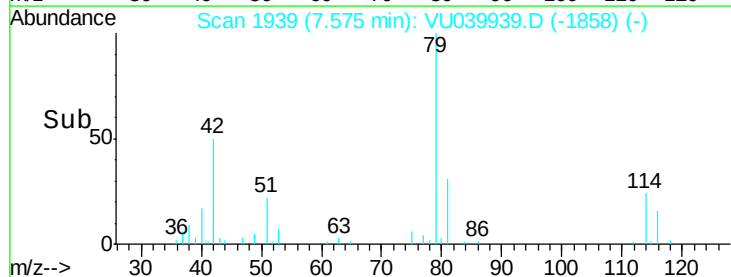
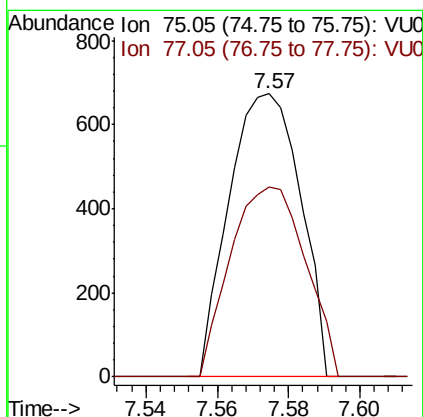
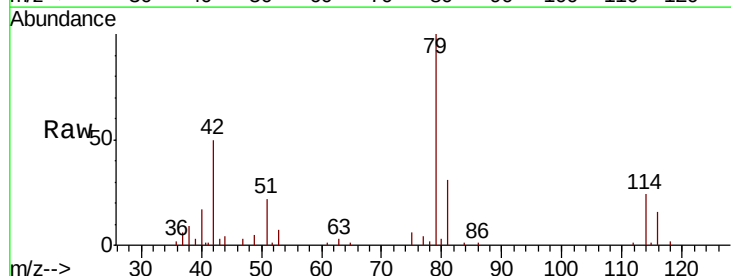
Instrument :
 MSVOA_U
 ClientSampled :
 F4Y16

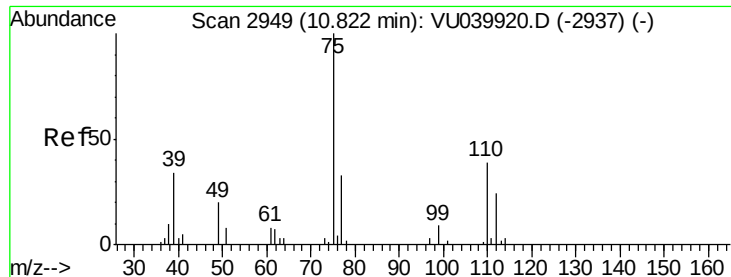
Tot Ion: 63 Resp: 4145
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039939.D
 Acq: 21 Aug 2020 19:38

Tgt Ion: 75 Resp: 932
 Ion Ratio Lower Upper
 75 100
 77 67.0 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.951 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039939.D

Acq: 21 Aug 2020 19:38

Instrument :

MSVOA_U

ClientSampleId :

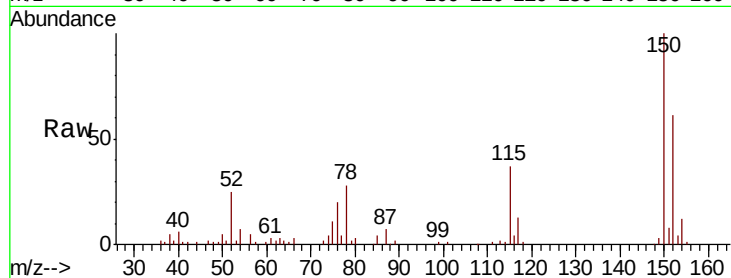
F4Y16

Tot Ion: 75 Resp: 4760

Ion Ratio Lower Upper

75 100

77 38.4 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

