

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082420\
 Data File : VU039947.D
 Acq On : 24 Aug 2020 15:22
 Operator : SY/MD
 Sample : L3782-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSC9

Quant Time: Aug 24 15:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 24 15:44:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25237	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.92	69	22148	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	37768	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.65	46	75814	39.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	5.08	84	48155	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.72	65	28056	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.74	84	95275	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	31036	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	84869	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.19	79	12115	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	59010	42.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24780	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32402	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

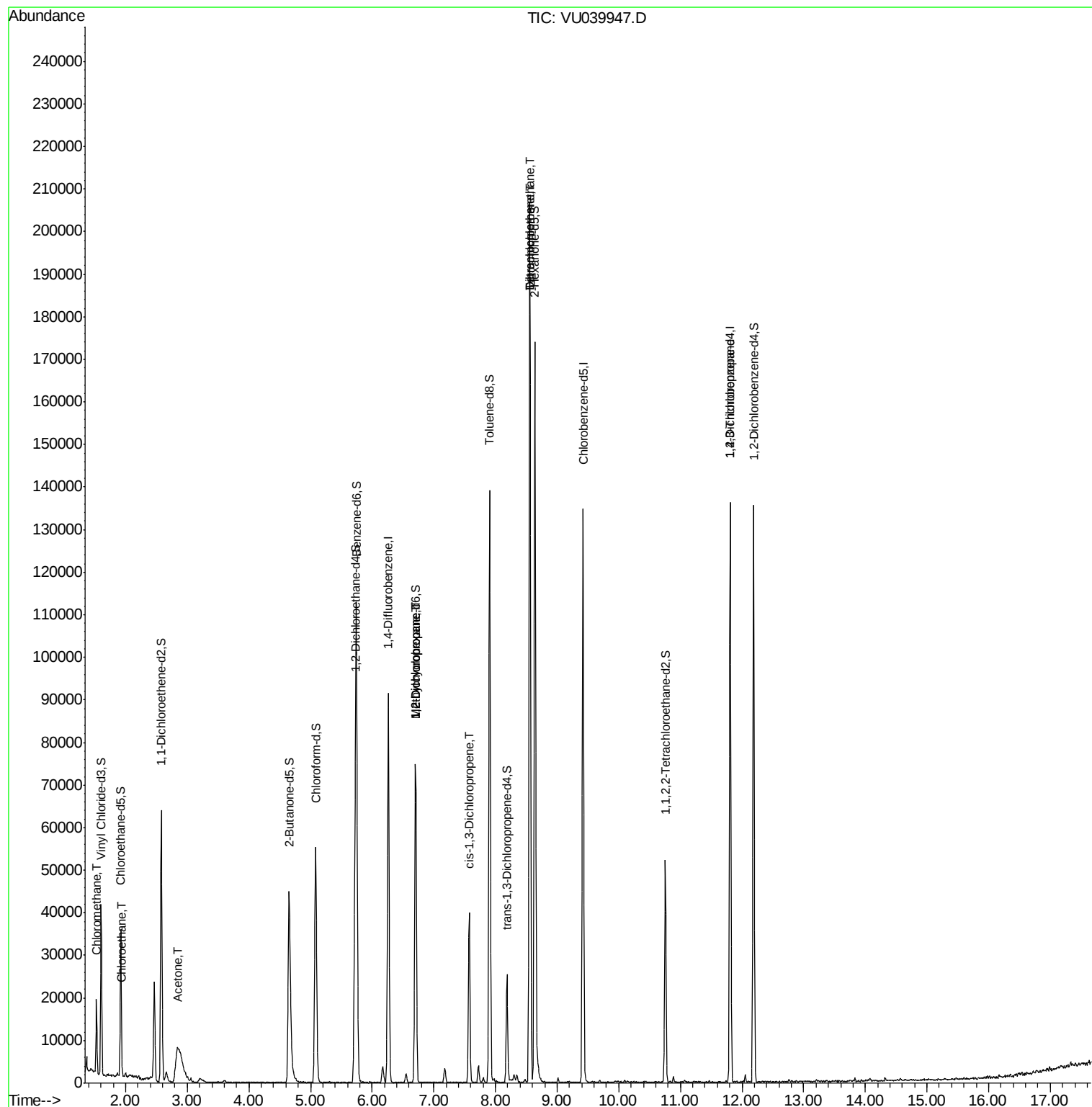
					Qvalue
3) Chloromethane	1.53	50	11521	1.417 ug/L	89
8) Chloroethane	1.94	64	557	0.113 ug/L #	42
13) Acetone	2.84	43	3866	2.932 ug/L	79
35) Methylcyclohexane	6.70	83	7373	0.774 ug/L #	16
37) 1,2-Dichloropropane	6.71	63	3702	0.581 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	941	0.106 ug/L #	16
47) Tetrachloroethene	8.56	164	40534	8.834 ug/L	93
49) Dibromochloromethane	8.56	129	38839	6.723 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	4428	0.970 ug/L	91

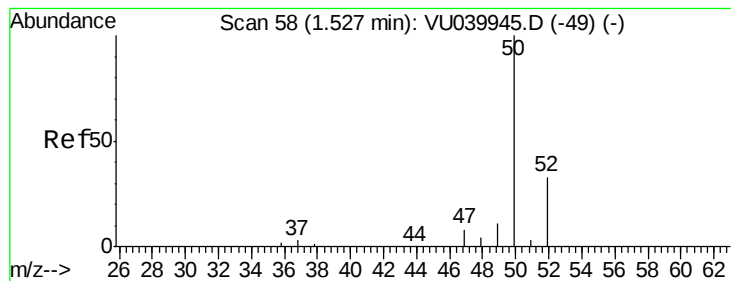
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.417 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039947.D

Acq: 24 Aug 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

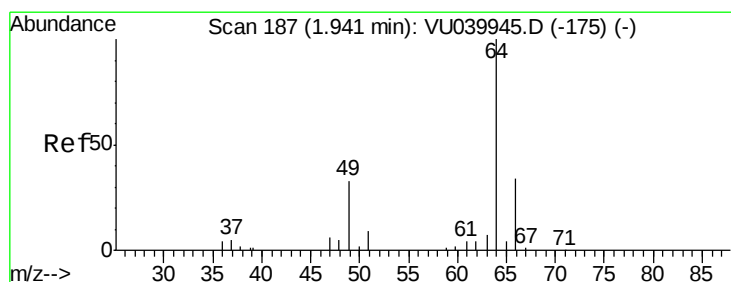
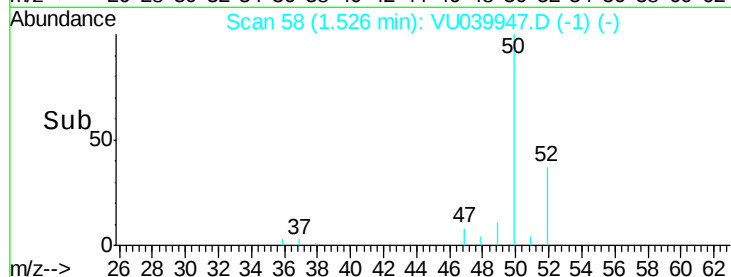
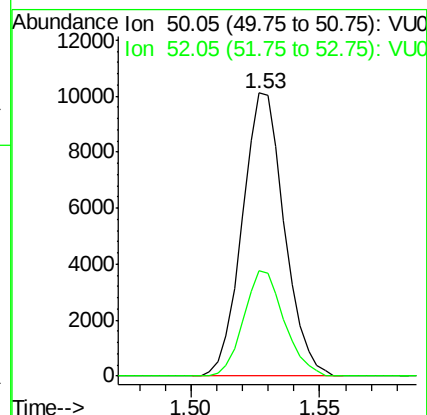
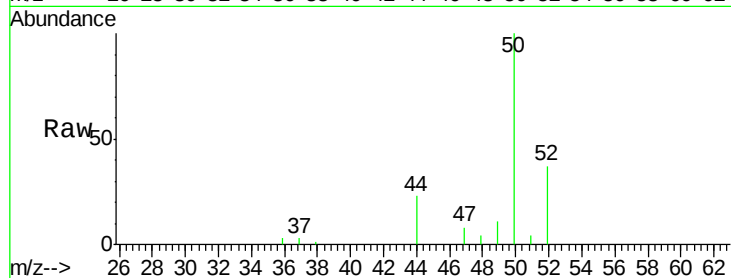
BFSC9

Tgt Ion: 50 Resp: 11521

Ion Ratio Lower Upper

50 100

52 37.2 21.9 40.7



#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU039947.D

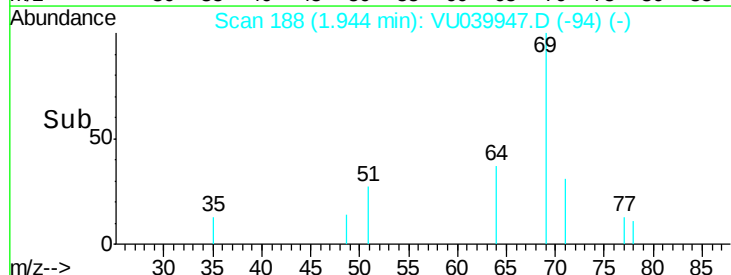
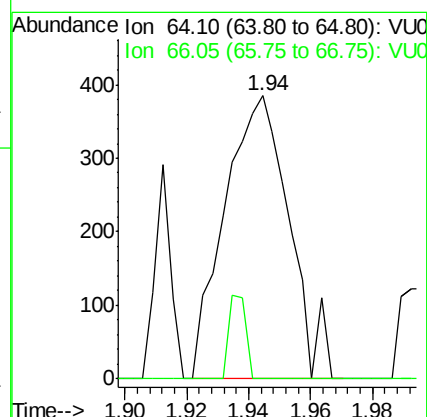
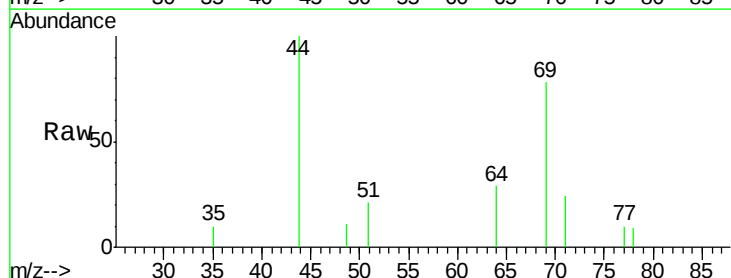
Acq: 24 Aug 2020 15:22

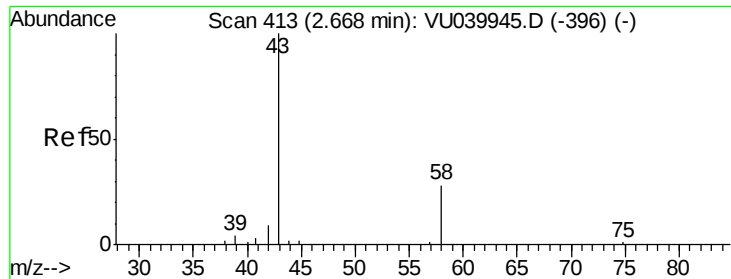
Tgt Ion: 64 Resp: 557

Ion Ratio Lower Upper

64 100

66 0.0 22.6 42.0#





#13

Acetone

Concen: 2.932 ug/L

RT: 2.84 min Scan# 467

Delta R.T. 0.17 min

Lab File: VU039947.D

Acq: 24 Aug 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

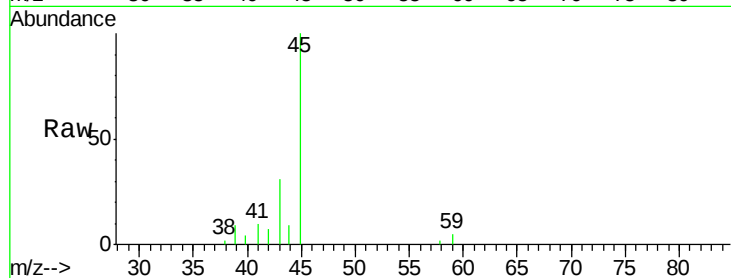
BFSC9

Tgt Ion: 43 Resp: 3866

Ion Ratio Lower Upper

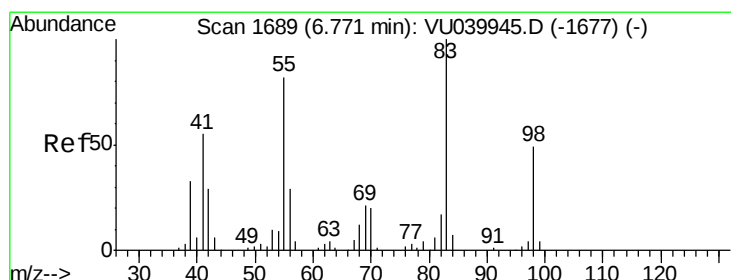
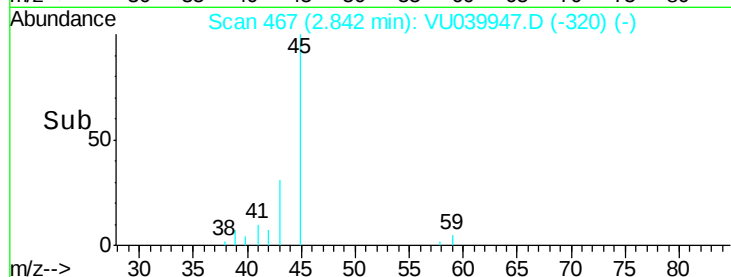
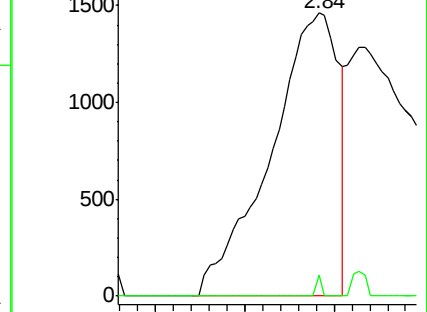
43 100

58 1.8 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039947.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU039947.D (-320) (-)



#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039947.D

Acq: 24 Aug 2020 15:22

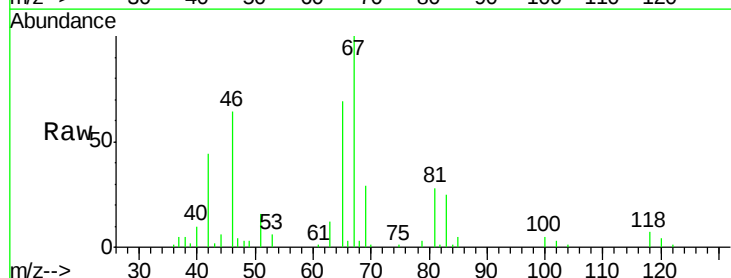
Tgt Ion: 83 Resp: 7373

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

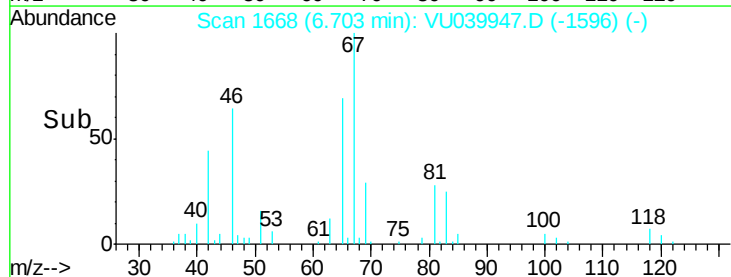
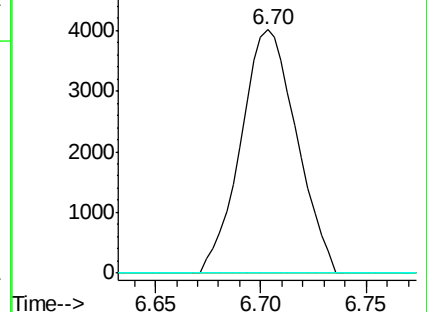
98 0.0 39.4 59.0#

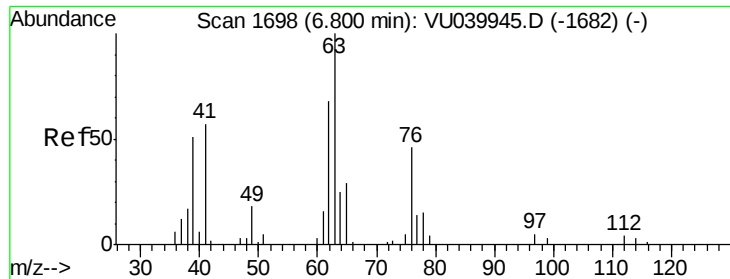


Abundance Ion 83.15 (82.85 to 83.85): VU039947.D (-1596) (-)

Ion 55.10 (54.80 to 55.80): VU039947.D (-1596) (-)

Ion 98.15 (97.85 to 98.85): VU039947.D (-1596) (-)

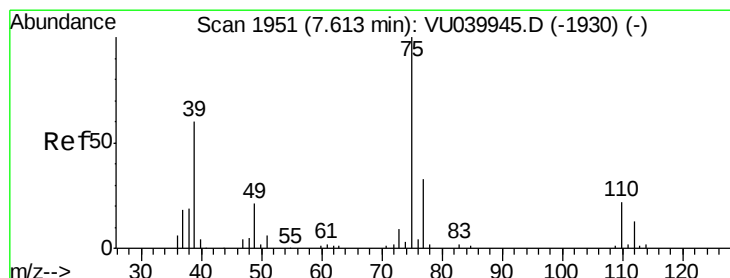
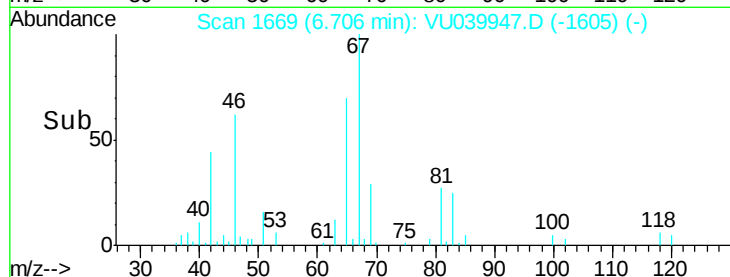
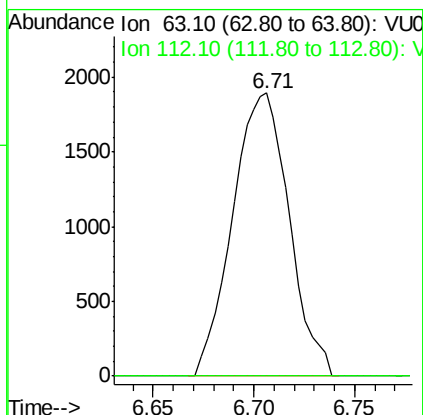
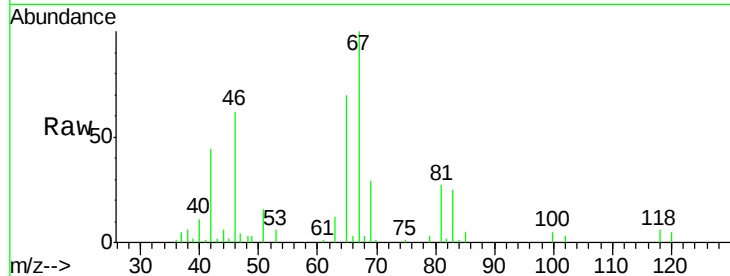




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU039947.D
 Acq: 24 Aug 2020 15:22

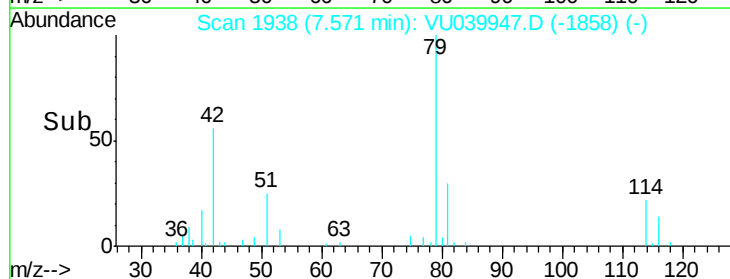
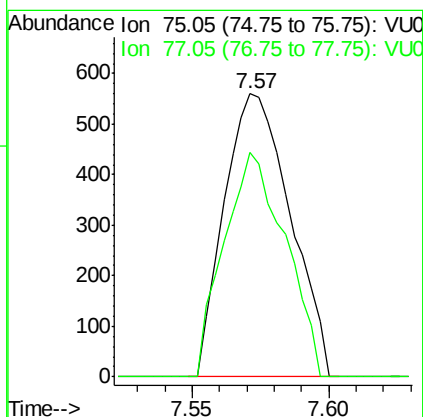
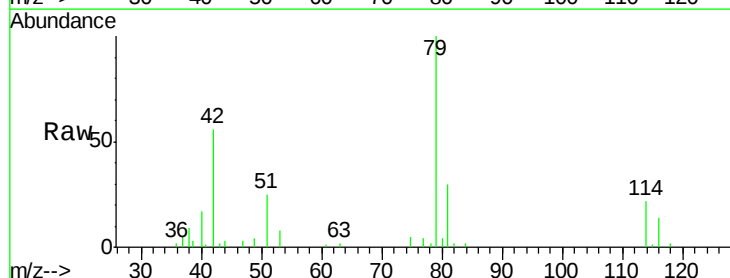
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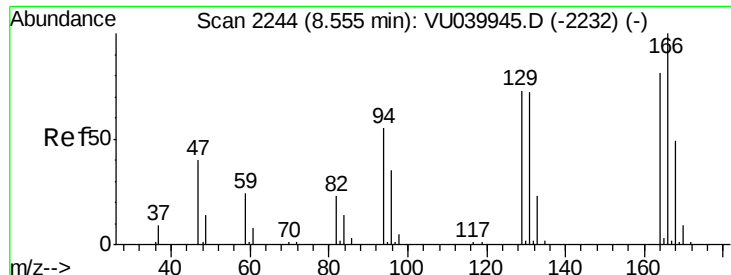
Tgt Ion: 63 Resp: 3702
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039947.D
 Acq: 24 Aug 2020 15:22

Tgt Ion: 75 Resp: 941
 Ion Ratio Lower Upper
 75 100
 77 79.1 22.6 42.0#





#47

Tetrachloroethene

Concen: 8.834 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039947.D

Acq: 24 Aug 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

BFSC9

Tgt Ion:164 Resp: 40534

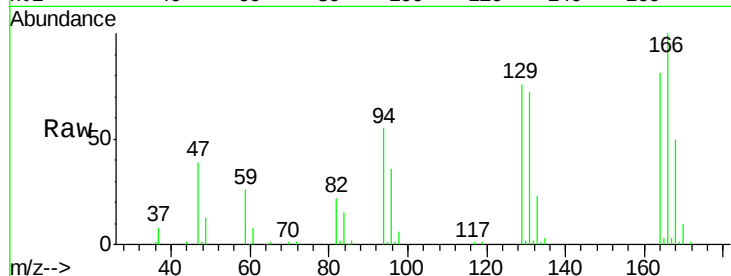
Ion Ratio Lower Upper

164 100

129 93.6 69.1 128.3

131 88.9 66.0 122.6

166 123.7 94.0 174.6

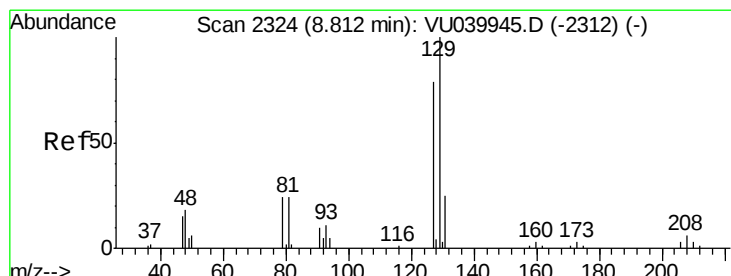
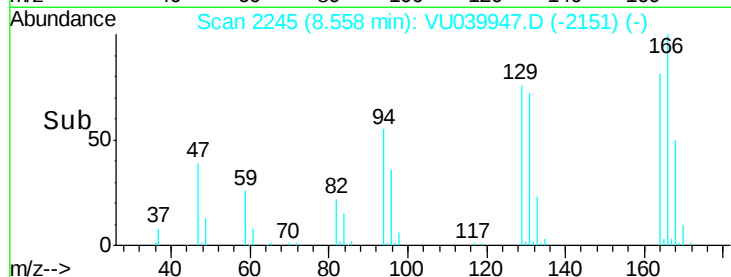
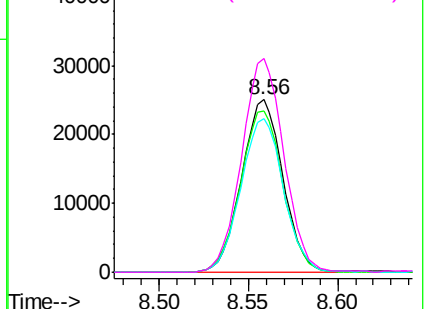


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 6.723 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU039947.D

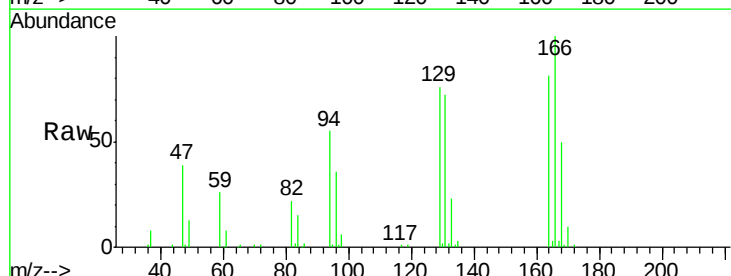
Acq: 24 Aug 2020 15:22

Tgt Ion:129 Resp: 38839

Ion Ratio Lower Upper

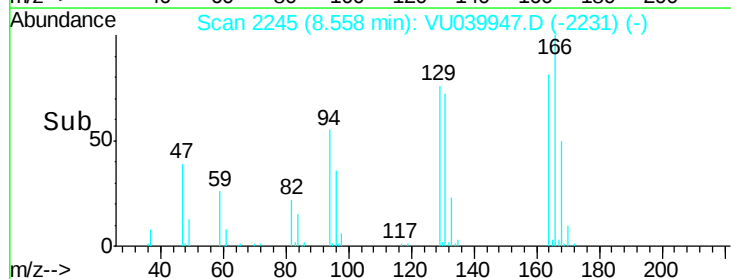
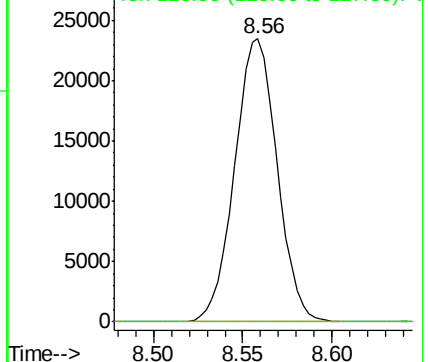
129 100

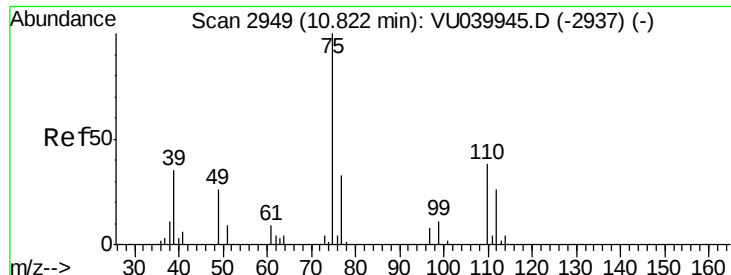
127 0.0 53.1 98.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.970 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039947.D

Acq: 24 Aug 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

BFSC9

Tgt Ion: 75 Resp: 4428

Ion Ratio Lower Upper

75 100

77 39.6 27.4 41.2

