

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041668.D
 Acq On : 18 Dec 2020 10:13
 Operator : SY/MD
 Sample : L5129-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL8

Quant Time: Dec 19 04:13:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51969	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12495	1.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	27.40%#
7) Chloroethane-d5	1.92	69	16760	2.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	47.60%#
11) 1,1-Dichloroethene-d2	2.58	63	22286	1.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	26.60%#
20) 2-Butanone-d5	4.65	46	137072	52.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.08	84	48951	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.80%#
26) 1,2-Dichloroethane-d4	5.71	65	28855	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
32) Benzene-d6	5.74	84	78804	2.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	48.40%#
36) 1,2-Dichloropropane-d6	6.70	67	30434	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	59.60%#
41) Toluene-d8	7.90	98	59447	2.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.40%#
43) trans-1,3-Dichloropropene-	8.19	79	11391	2.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.60%#
46) 2-Hexanone-d5	8.64	63	102855	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40275	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31658	3.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.60%#

Target Compounds

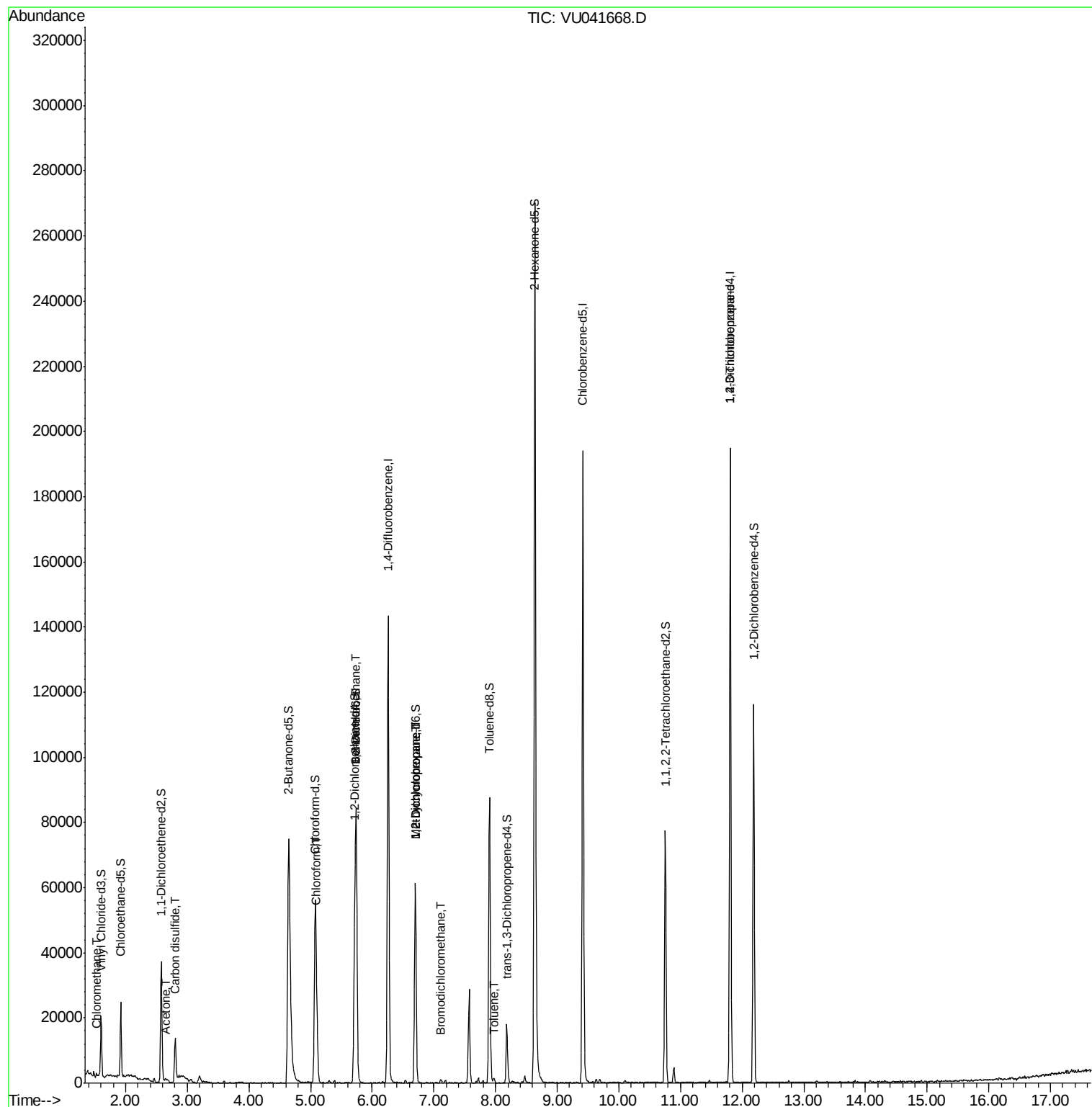
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	909	0.095	ug/L	87
13) Acetone	2.65	43	1319	0.792	ug/L	69
14) Carbon disulfide	2.81	76	17207	0.630	ug/L #	95
25) Chloroform	5.10	83	12687	0.824	ug/L	95
27) 1,2-Dichloroethane	5.74	62	384	0.037	ug/L #	73
35) Methylcyclohexane	6.70	83	6891	0.466	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3239	0.348	ug/L #	88
38) Bromodichloromethane	7.11	83	783	0.068	ug/L #	90
42) Toluene	7.97	91	1321	0.035	ug/L	97
59) 1,2,3-Trichloropropane	11.80	75	5766	0.824	ug/L	99

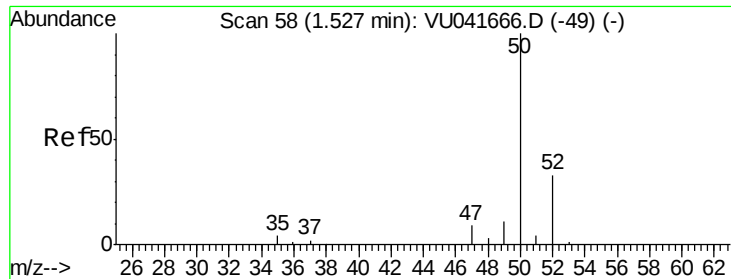
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.095 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041668.D

Acq: 18 Dec 2020 10:13

Instrument :

MSVOA_U

ClientSampleId :

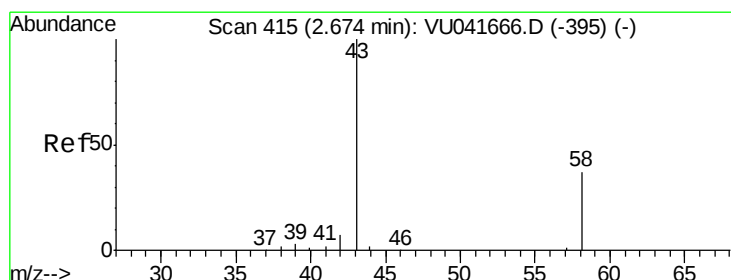
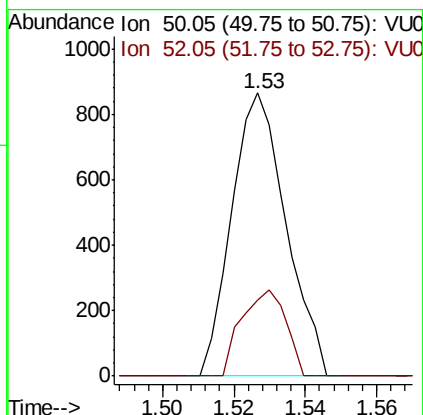
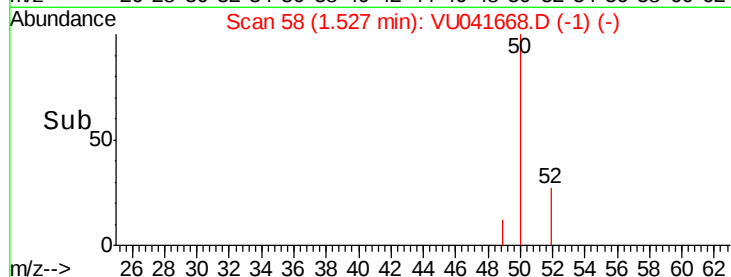
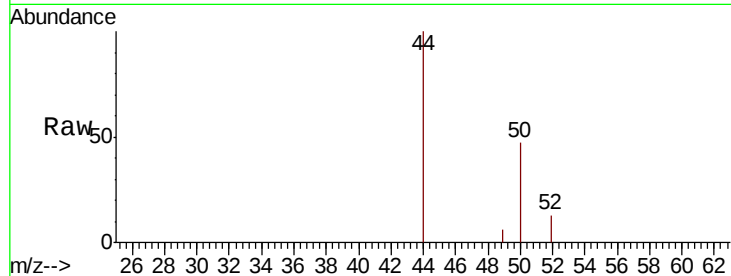
C0AL8

Tot Ion: 50 Resp: 909

Ion Ratio Lower Upper

50 100

52 27.1 24.1 44.8



#13

Acetone

Concen: 0.792 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU041668.D

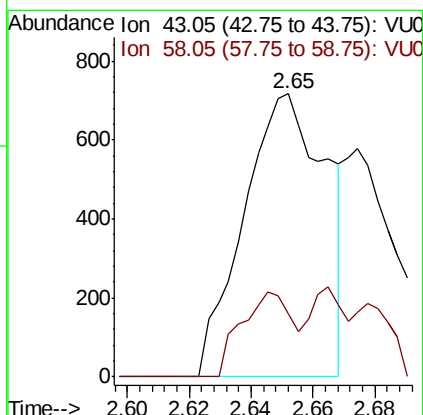
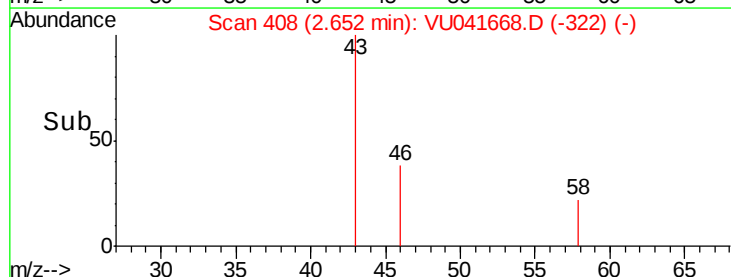
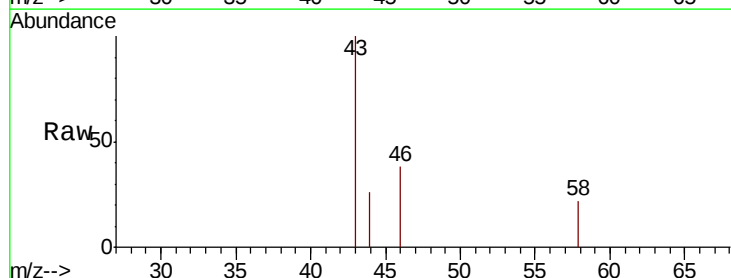
Acq: 18 Dec 2020 10:13

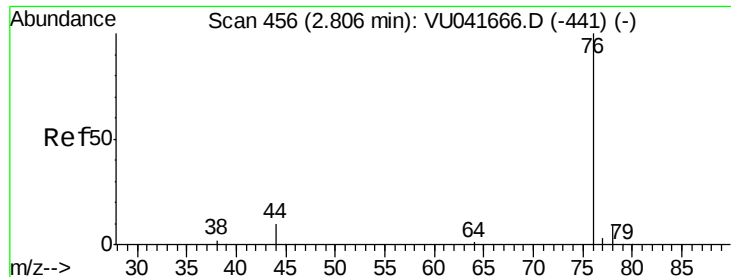
Tgt Ion: 43 Resp: 1319

Ion Ratio Lower Upper

43 100

58 18.4 0.0 73.2





#14

Carbon disulfide

Concen: 0.630 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041668.D

Acq: 18 Dec 2020 10:13

Instrument :

MSVOA_U

ClientSampleId :

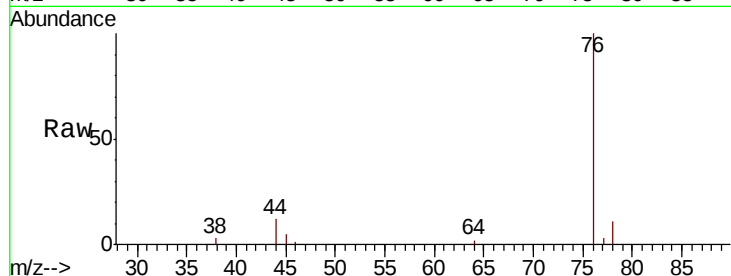
C0AL8

Tot Ion: 76 Resp: 17207

Ion Ratio Lower Upper

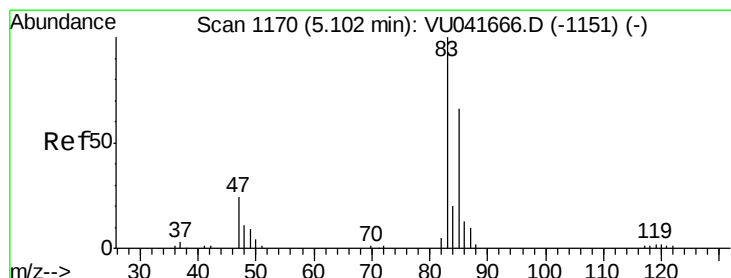
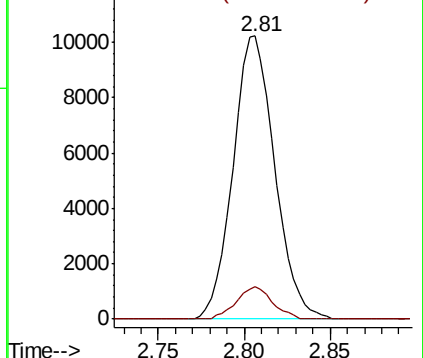
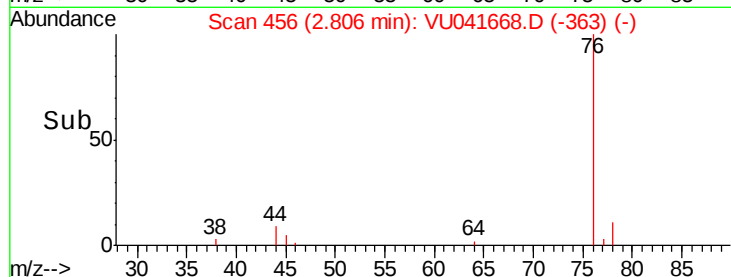
76 100

78 11.3 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VU041668.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU041668.D (-363) (-)



#25

Chloroform

Concen: 0.824 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU041668.D

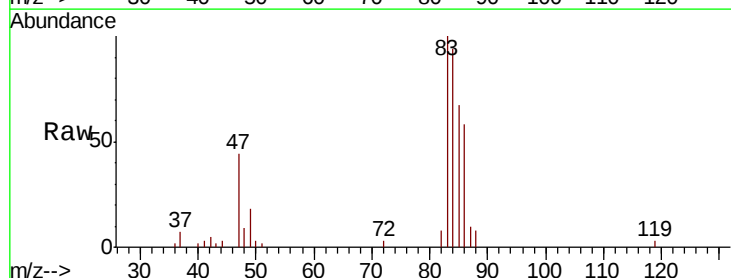
Acq: 18 Dec 2020 10:13

Tgt Ion: 83 Resp: 12687

Ion Ratio Lower Upper

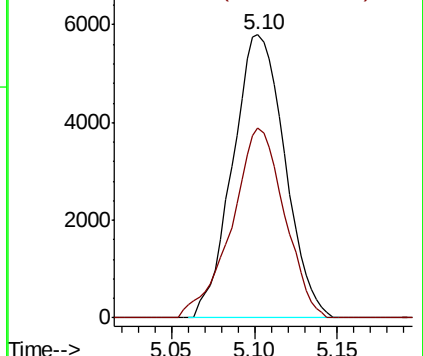
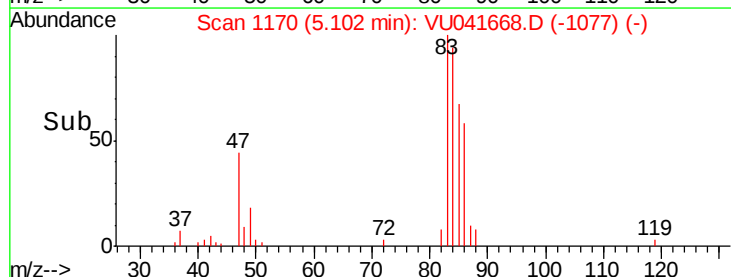
83 100

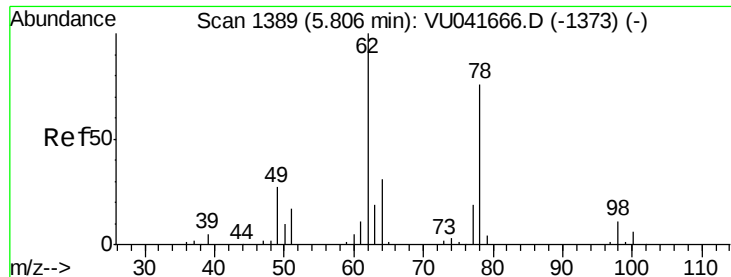
85 67.0 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041668.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU041668.D (-1077) (-)

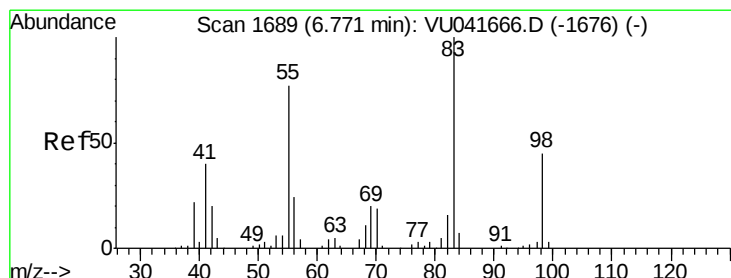
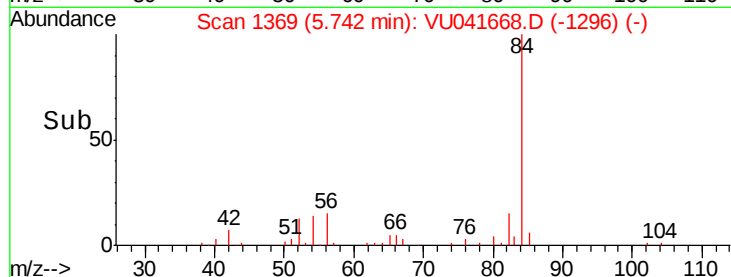
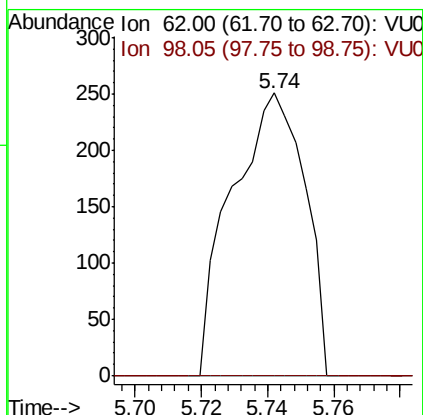
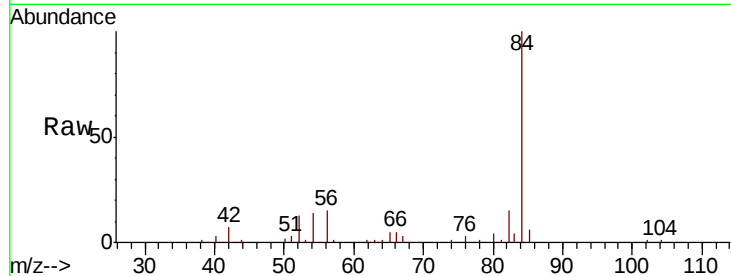




#27
 1,2-Dichloroethane
 Concen: 0.037 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041668.D
 Acq: 18 Dec 2020 10:13

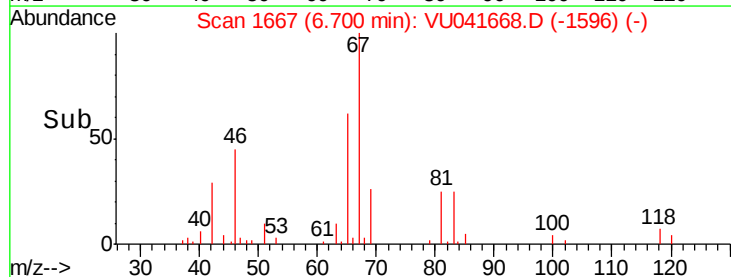
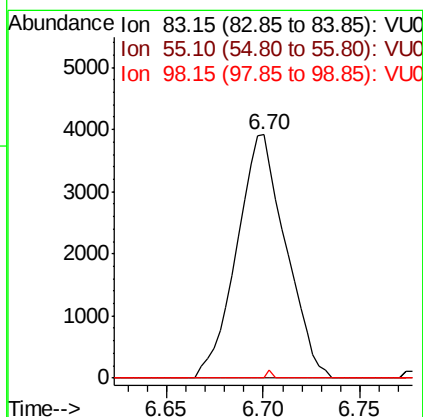
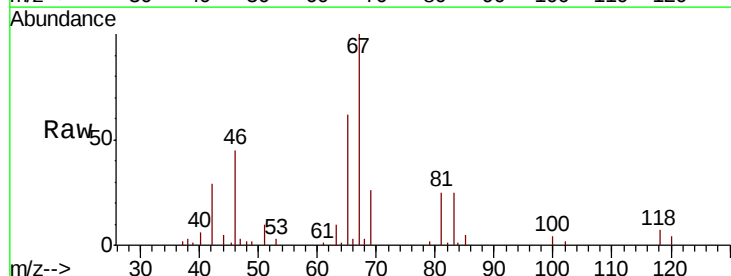
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL8

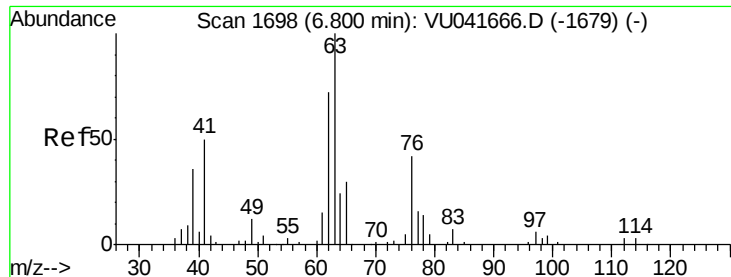
Tot Ion: 62 Resp: 384
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.466 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041668.D
 Acq: 18 Dec 2020 10:13

Tgt Ion: 83 Resp: 6891
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.3 36.6 54.8#

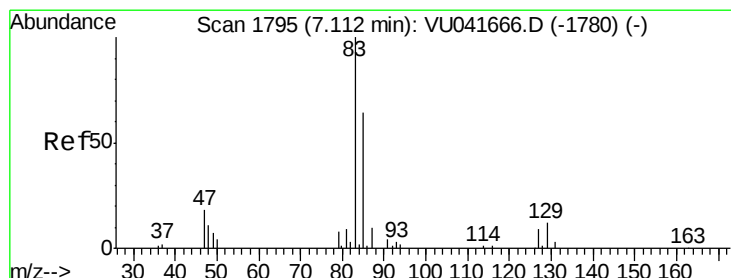
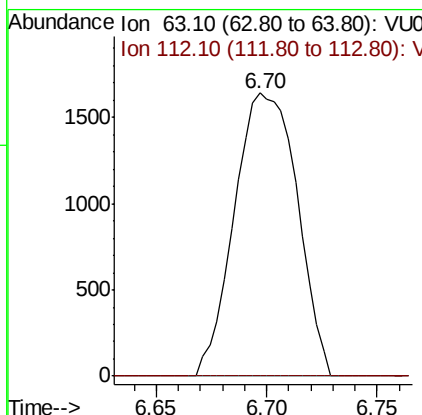
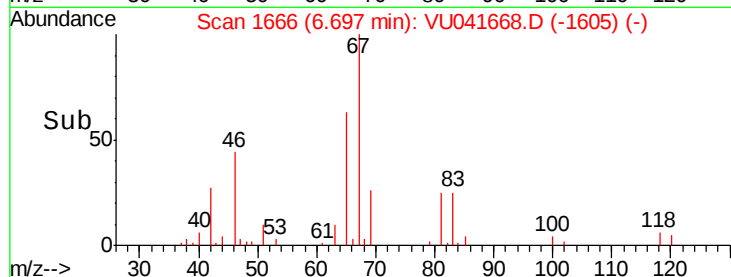
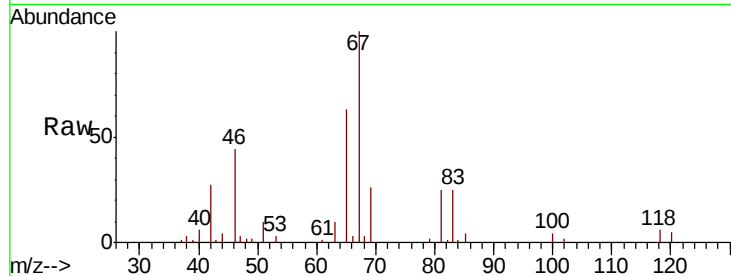




#37
 1,2-Dichloropropane
 Concen: 0.348 ug/L
 RT: 6.70 min Scan# 1666
 Delta R.T. -0.10 min
 Lab File: VU041668.D
 Acq: 18 Dec 2020 10:13

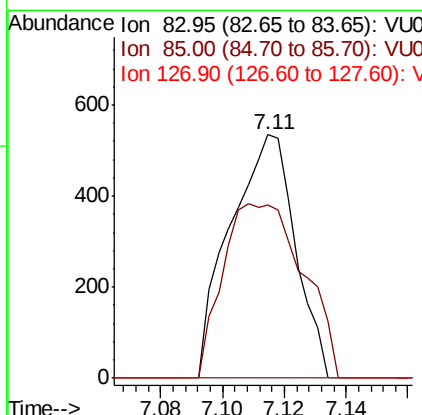
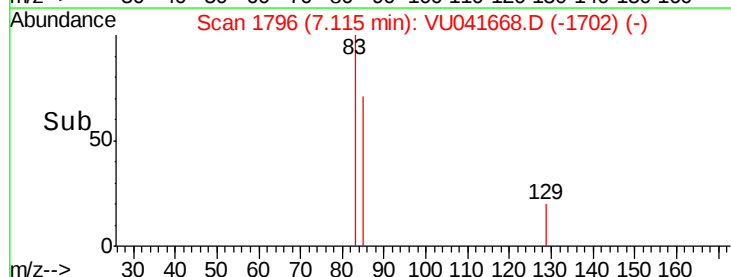
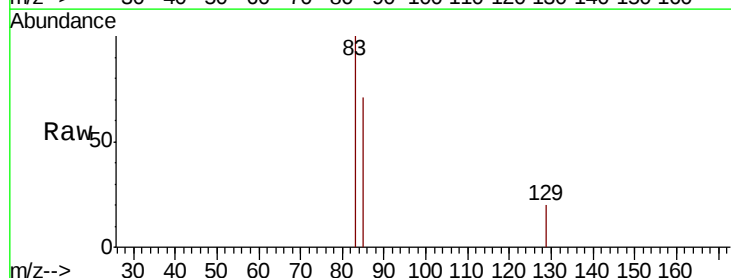
Instrument :
 MSVOA_U
 ClientSampled :
 C0AL8

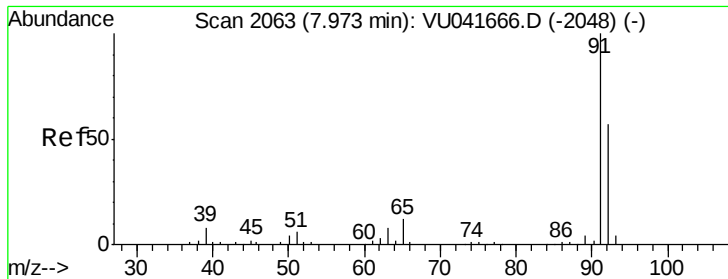
Tot Ion: 63 Resp: 3239
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#38
 Bromodichloromethane
 Concen: 0.068 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU041668.D
 Acq: 18 Dec 2020 10:13

Tgt Ion: 83 Resp: 783
 Ion Ratio Lower Upper
 83 100
 85 71.2 45.5 84.5
 127 0.0 7.0 10.6#





#42

Toluene

Concen: 0.035 ug/L

RT: 7.97 min Scan# 2062

Delta R.T. -0.00 min

Lab File: VU041668.D

Acq: 18 Dec 2020 10:13

Instrument :

MSVOA_U

ClientSampled :

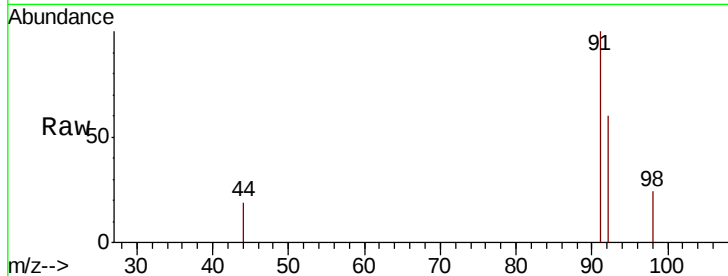
C0AL8

Tot Ion: 91 Resp: 1321

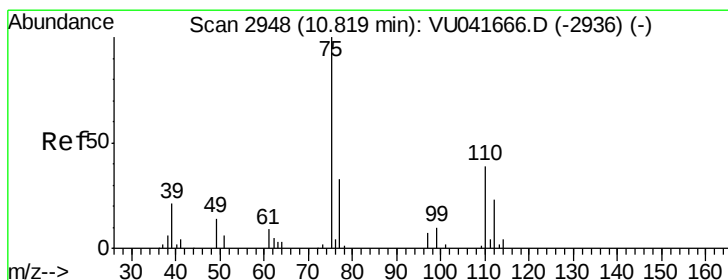
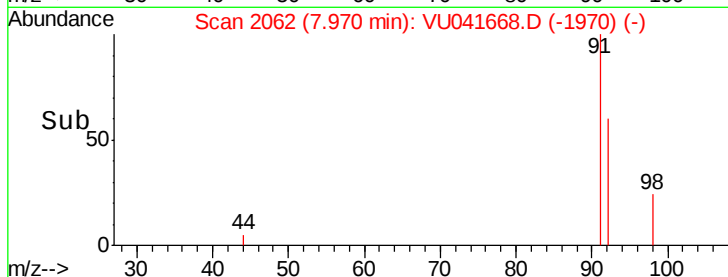
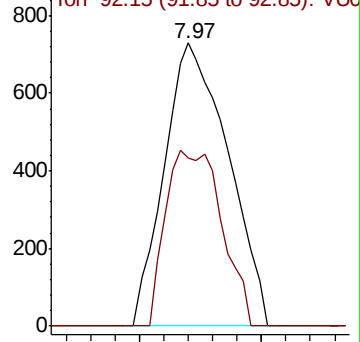
Ion Ratio Lower Upper

91 100

92 59.5 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU041666.D (-2048) (-)



#59

1,2,3-Trichloropropane

Concen: 0.824 ug/L

RT: 11.80 min Scan# 3254

Delta R.T. 0.98 min

Lab File: VU041668.D

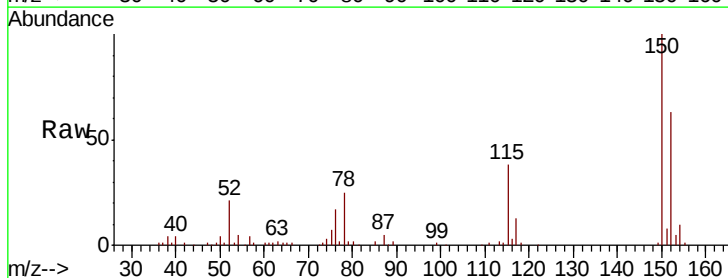
Acq: 18 Dec 2020 10:13

Tgt Ion: 75 Resp: 5766

Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU041666.D (-2936) (-)

