

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015587.D
 Acq On : 20 Apr 2020 17:38
 Operator : SY/MD
 Sample : L2333-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 21 00:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	102716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	97383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	47909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	20979	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.58	69	22342	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	34055	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.92	46	78804	52.66	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.38	84	57740	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	30779	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.08	84	99100	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	32378	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	89174	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.64	79	11067	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.11	63	61418	43.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22774	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	34529	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

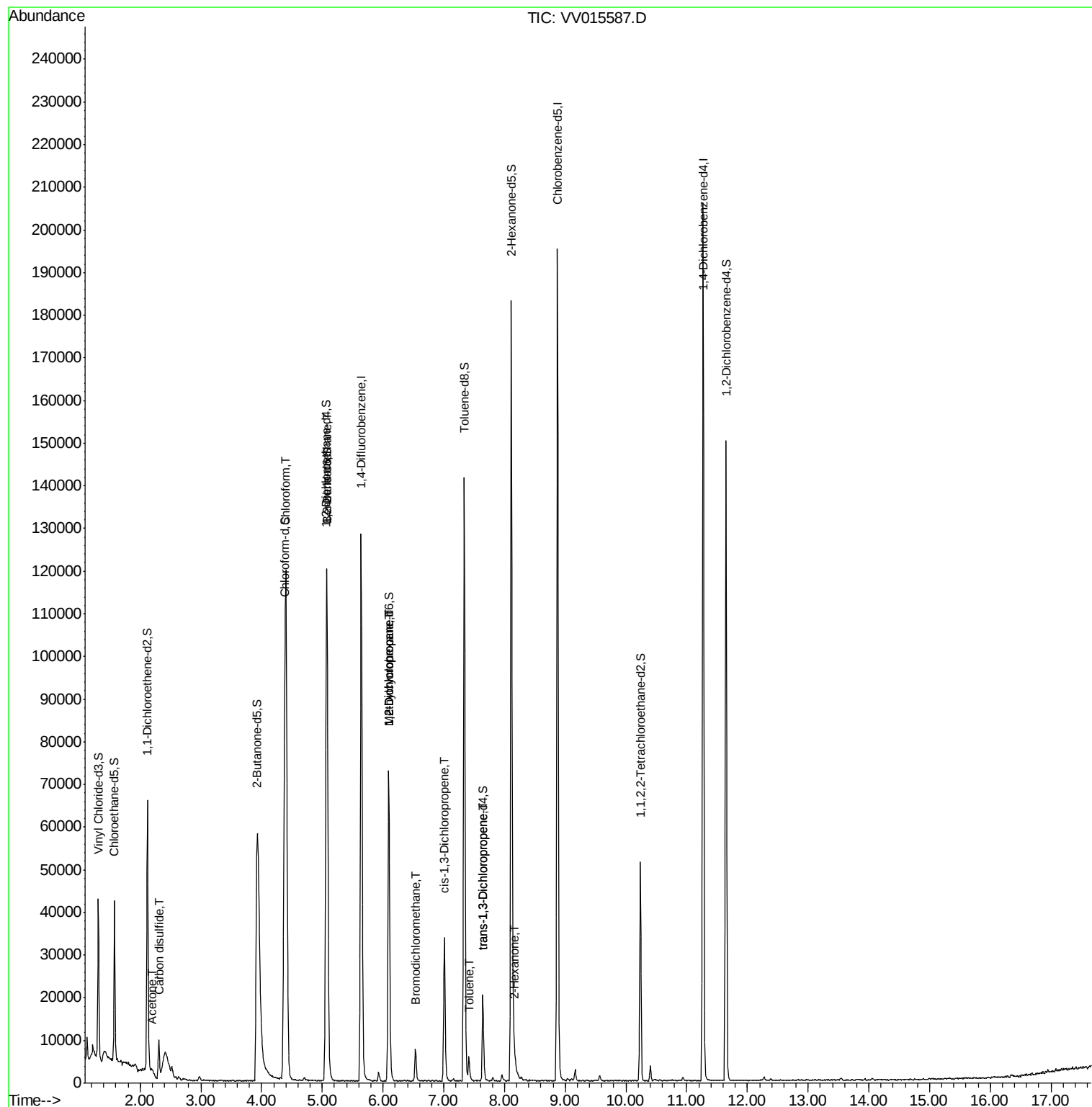
					Ovalue
13) Acetone	2.21	43	2940	2.781 ug/L #	38
14) Carbon disulfide	2.31	76	10066	0.448 ug/L	100
25) Chloroform	4.40	83	97076	6.926 ug/L	99
27) 1,2-Dichloroethane	5.08	62	697	0.077 ug/L #	77
35) Methylcyclohexane	6.09	83	8069	0.610 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	4068	0.563 ug/L #	86
38) Bromodichloromethane	6.53	83	5296	0.549 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	1011	0.091 ug/L	87
42) Toluene	7.41	91	4055	0.128 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	563	0.060 ug/L	95
48) 2-Hexanone	8.17	43	2460	0.742 ug/L #	81

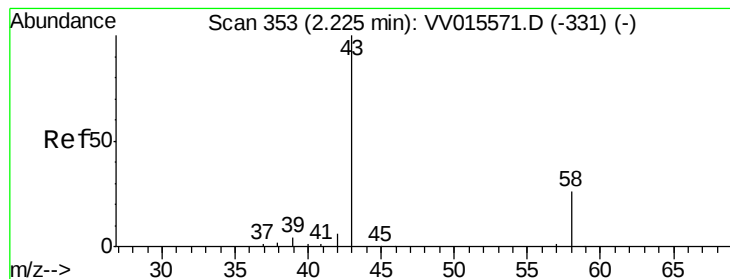
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.781 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV015587.D

Acq: 20 Apr 2020 17:38

Instrument :

MSVOA_V

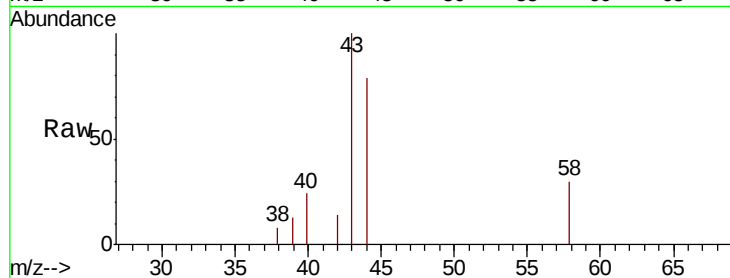
ClientSampled :

Tot Ion: 43 Resp: 2940

Ion Ratio Lower Upper

43 100

58 34.9 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015587.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV015587.D (-260) (-)

2.21

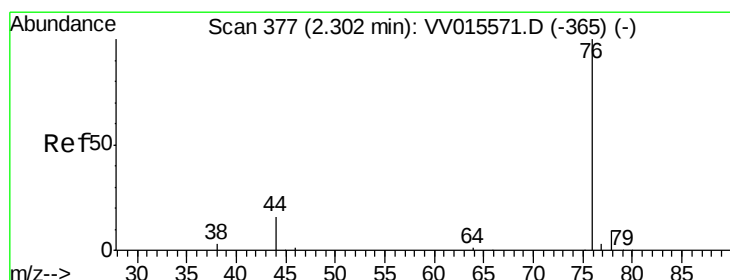
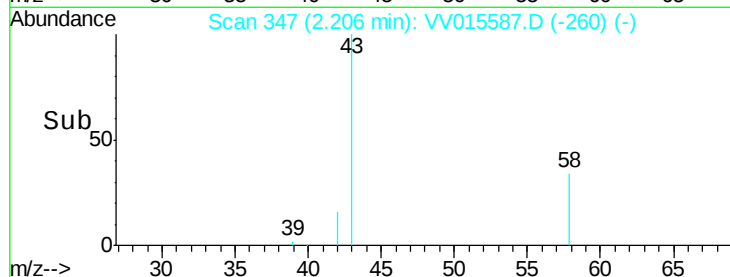
1000

500

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.448 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015587.D

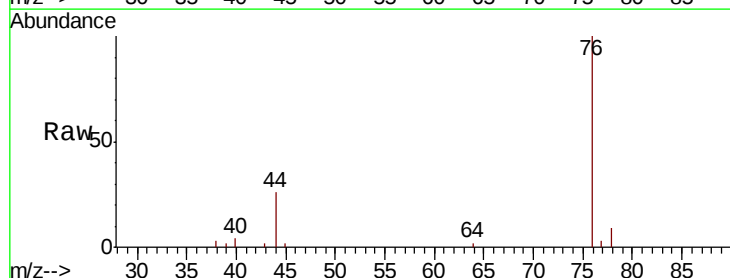
Acq: 20 Apr 2020 17:38

Tgt Ion: 76 Resp: 10066

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV015587.D (-284) (-)

Ion 78.00 (77.70 to 78.70): VV015587.D (-284) (-)

2.31

8000

6000

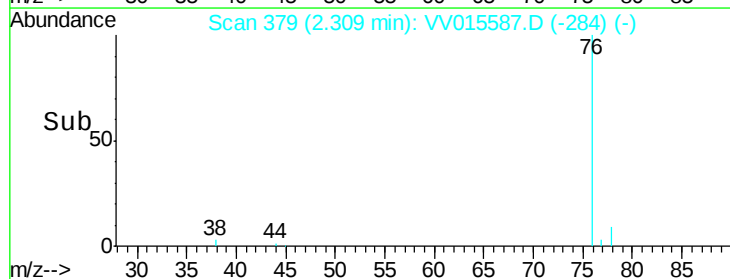
4000

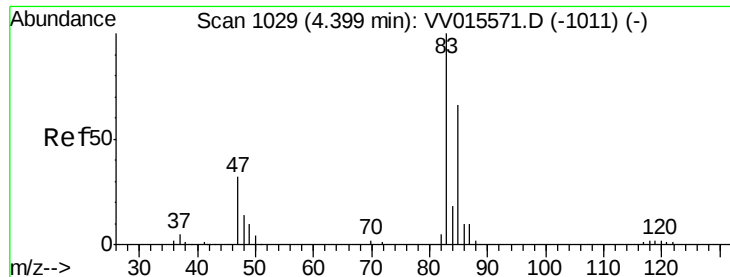
2000

0

Time-->

2.25 2.30 2.35

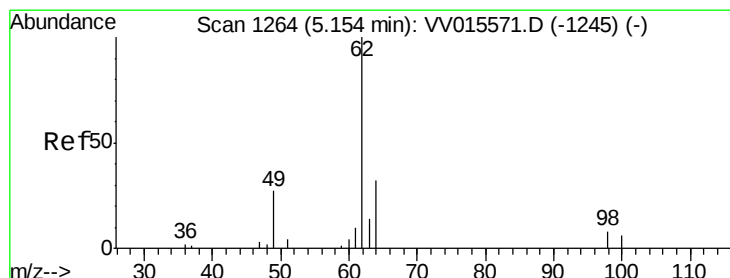
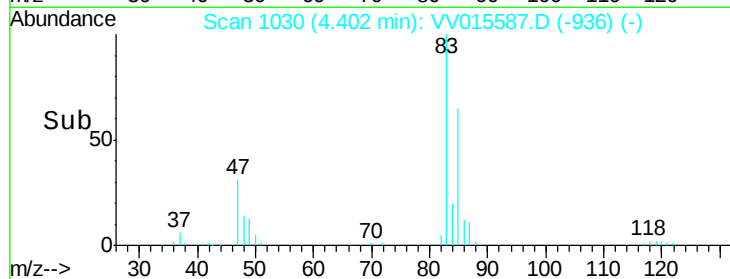
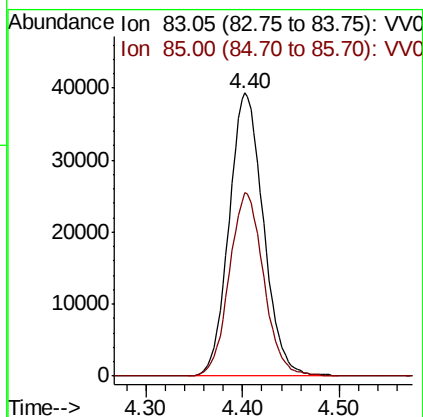
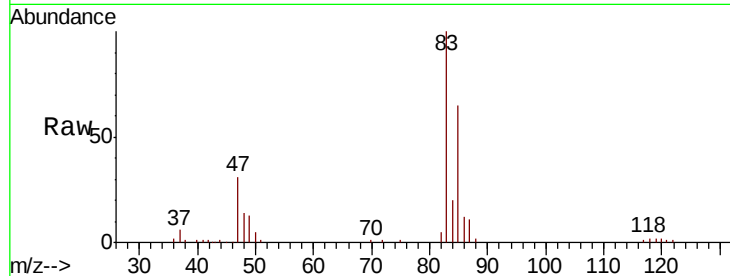




#25
Chloroform
Concen: 6.926 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015587.D
Acq: 20 Apr 2020 17:38

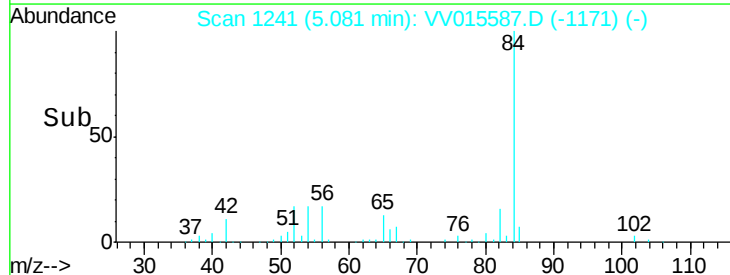
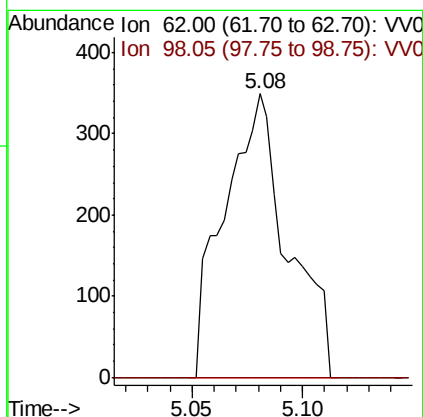
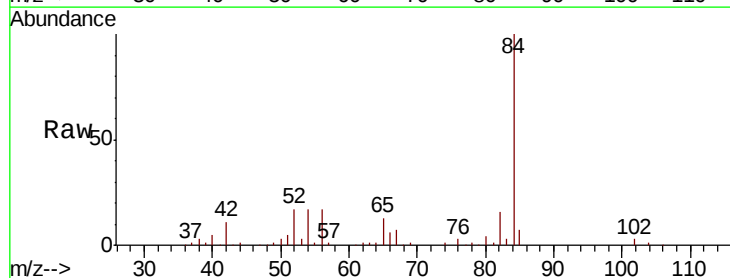
Instrument :
MSVOA_V
ClientSampleId :

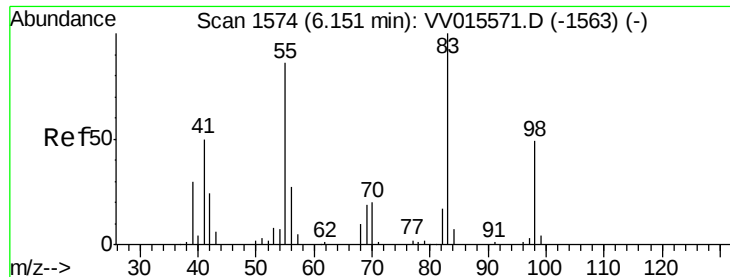
Tot Ion: 83 Resp: 97076
Ion Ratio Lower Upper
83 100
85 64.7 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.077 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015587.D
Acq: 20 Apr 2020 17:38

Tgt Ion: 62 Resp: 697
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

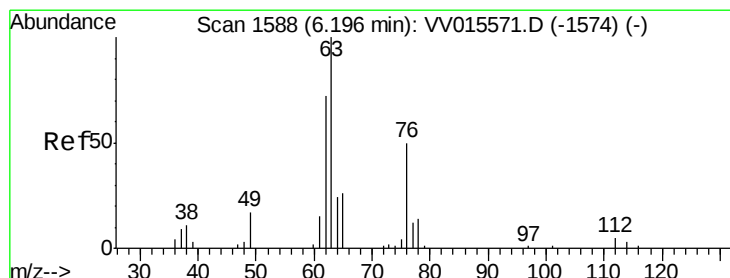
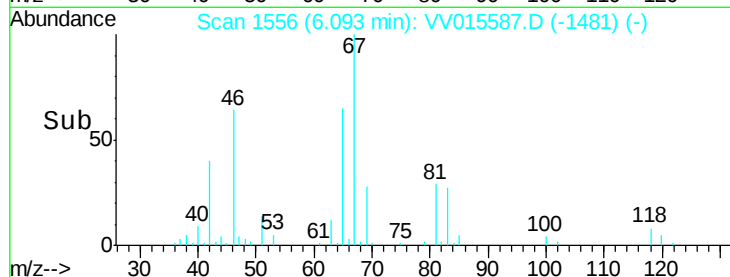
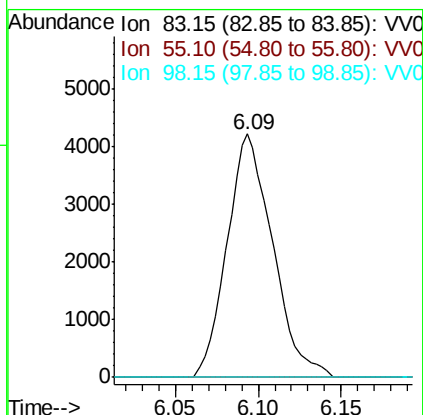
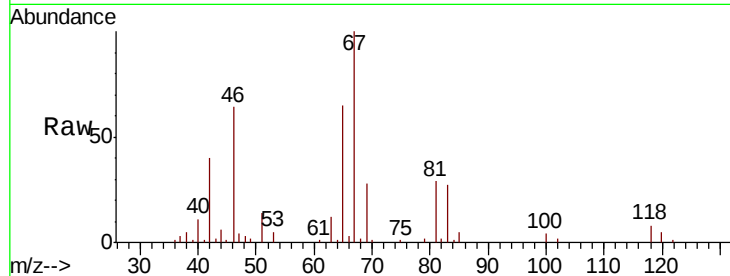




#35
Methvlcvclohexane
Concen: 0.610 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015587.D
Acq: 20 Apr 2020 17:38

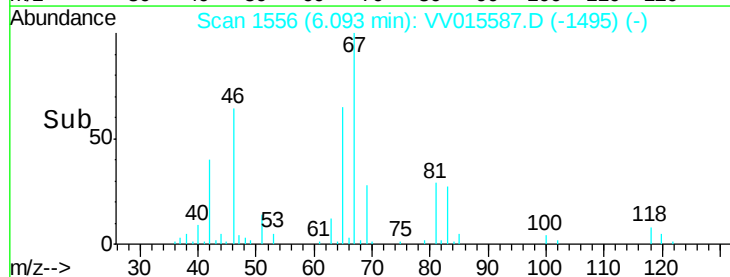
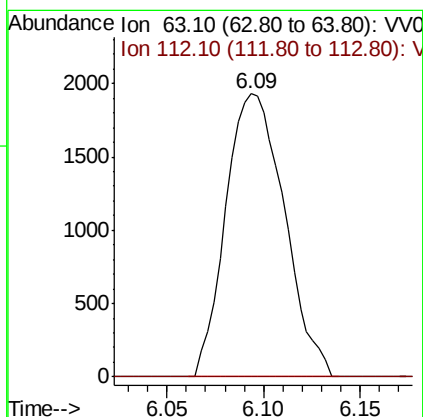
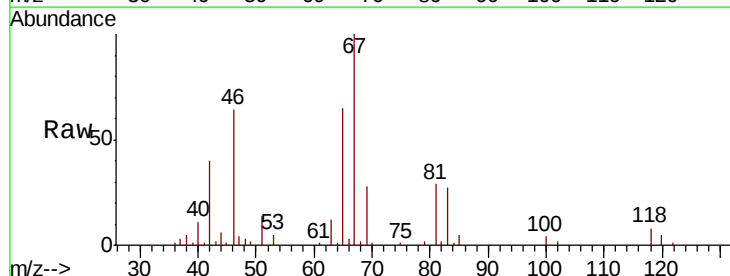
Instrument :
MSVOA_V
ClientSampled :

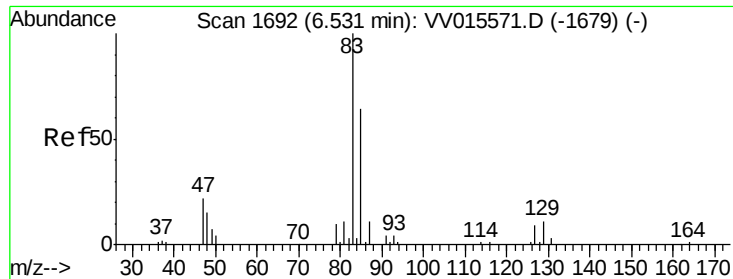
Tot Ion: 83 Resp: 8069
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 4.3 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015587.D
Acq: 20 Apr 2020 17:38

Tgt Ion: 63 Resp: 4068
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

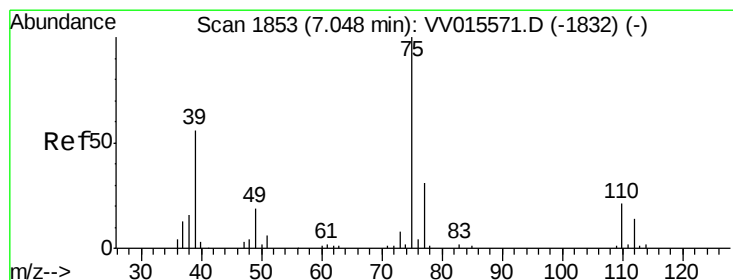
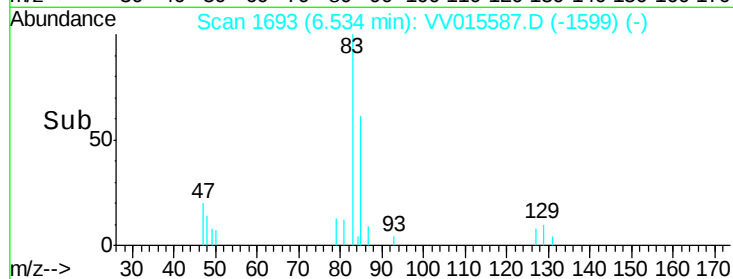
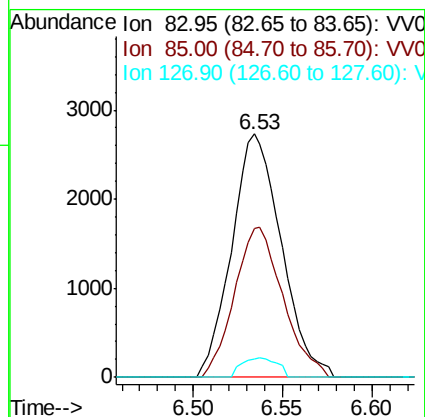
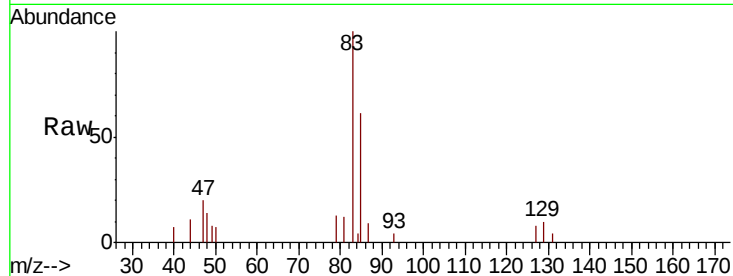




#38
 Bromodichloromethane
 Concen: 0.549 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV015587.D
 Acq: 20 Apr 2020 17:38

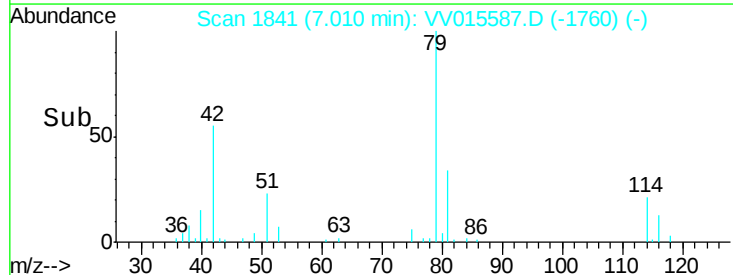
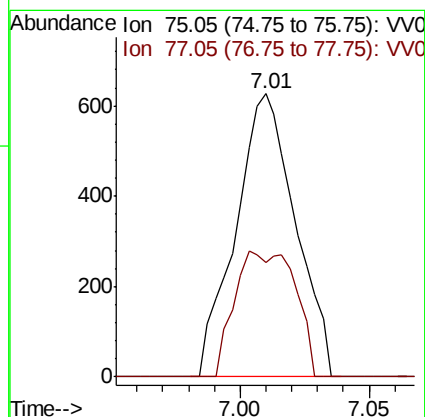
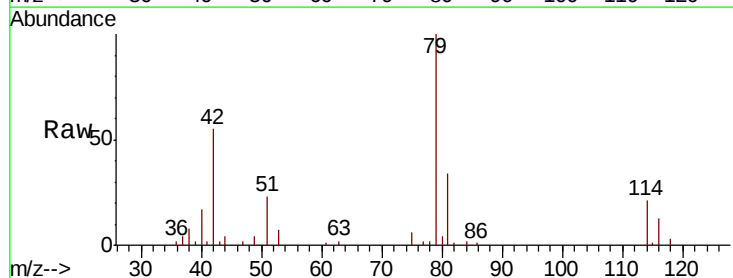
Instrument :
 MSVOA_V
 ClientSampleId :

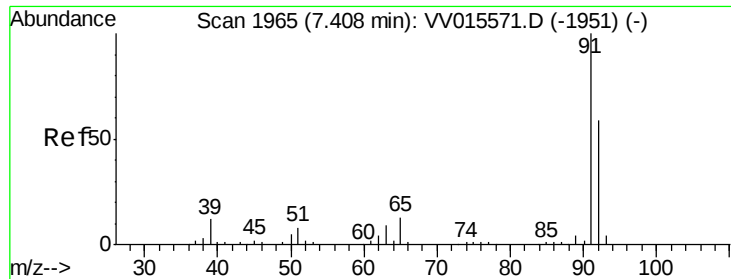
Tot Ion: 83 Resp: 5296
 Ion Ratio Lower Upper
 83 100
 85 61.4 42.6 79.2
 127 7.6 6.6 9.8



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015587.D
 Acq: 20 Apr 2020 17:38

Tgt Ion: 75 Resp: 1011
 Ion Ratio Lower Upper
 75 100
 77 40.4 23.0 42.6





#42

Toluene

Concen: 0.128 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015587.D

Acq: 20 Apr 2020 17:38

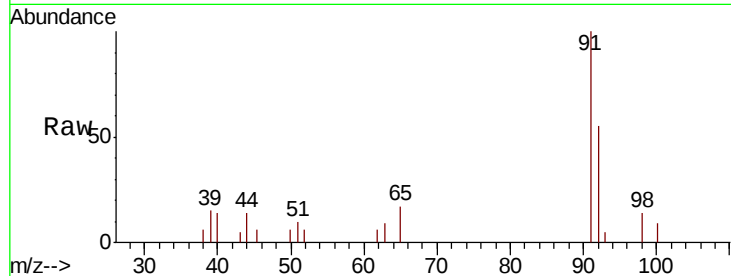
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 4055

Ion Ratio Lower Upper

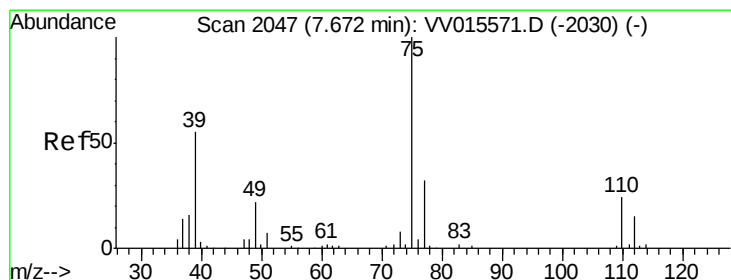
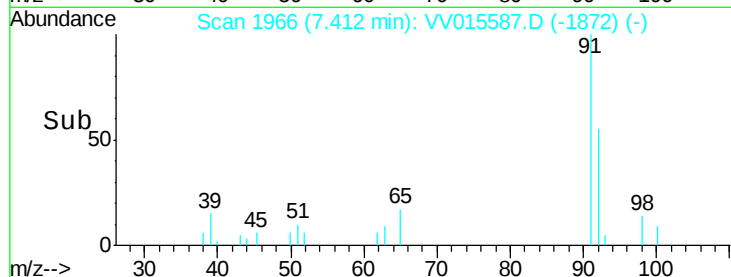
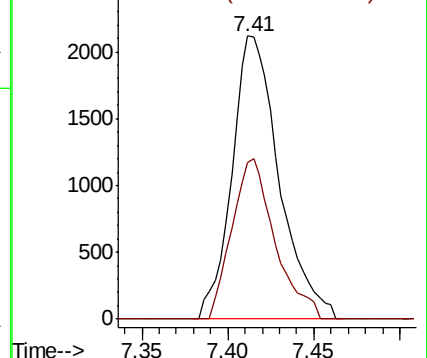
91 100

92 55.3 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015587.D

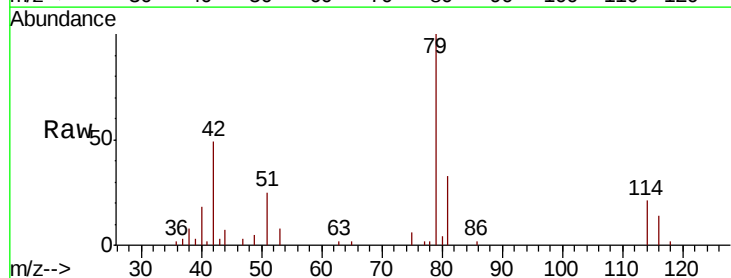
Acq: 20 Apr 2020 17:38

Tgt Ion: 75 Resp: 563

Ion Ratio Lower Upper

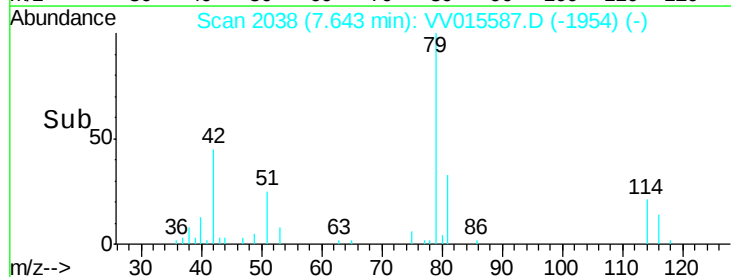
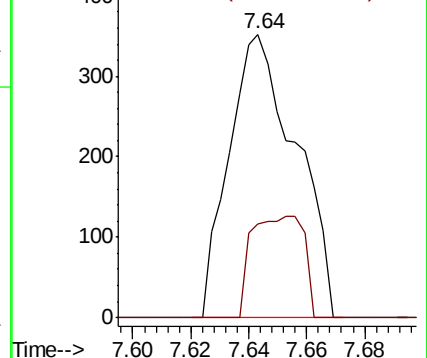
75 100

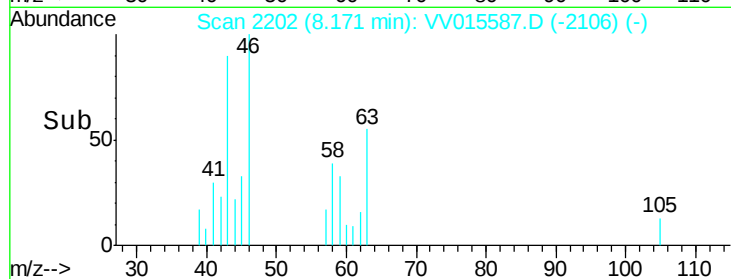
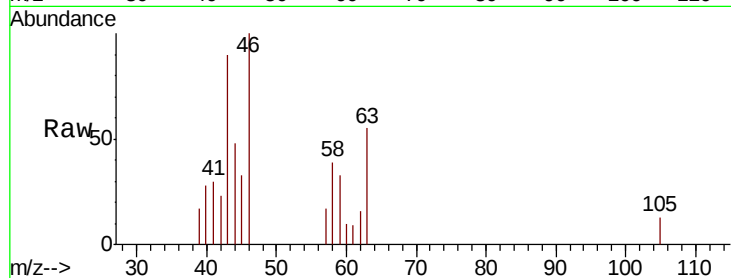
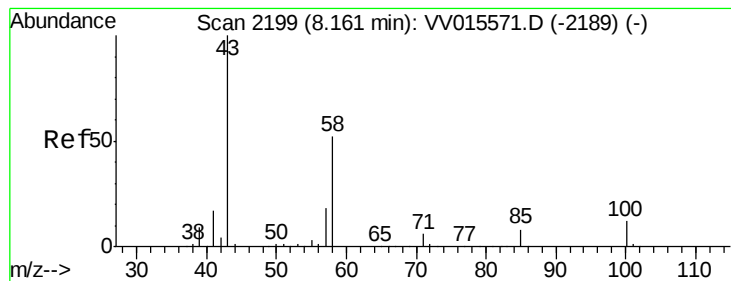
77 33.0 21.0 39.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 0.742 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015587.D
 Acq: 20 Apr 2020 17:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	41.4	62.0#
57	12.9	15.0	22.4#
100	0.0	9.4	14.2#

