

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015560.D
 Acq On : 17 Apr 2020 17:12
 Operator : SY/MD
 Sample : L2333-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:41:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	90856	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	42072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21936	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	21971	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	33637	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.91	46	71757	54.21	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.42%
24) Chloroform-d	4.38	84	53927	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.06	65	30030	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.07	84	97171	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.09	67	30484	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	85789	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.65	79	11638	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.11	63	54264	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	18491	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	32520	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

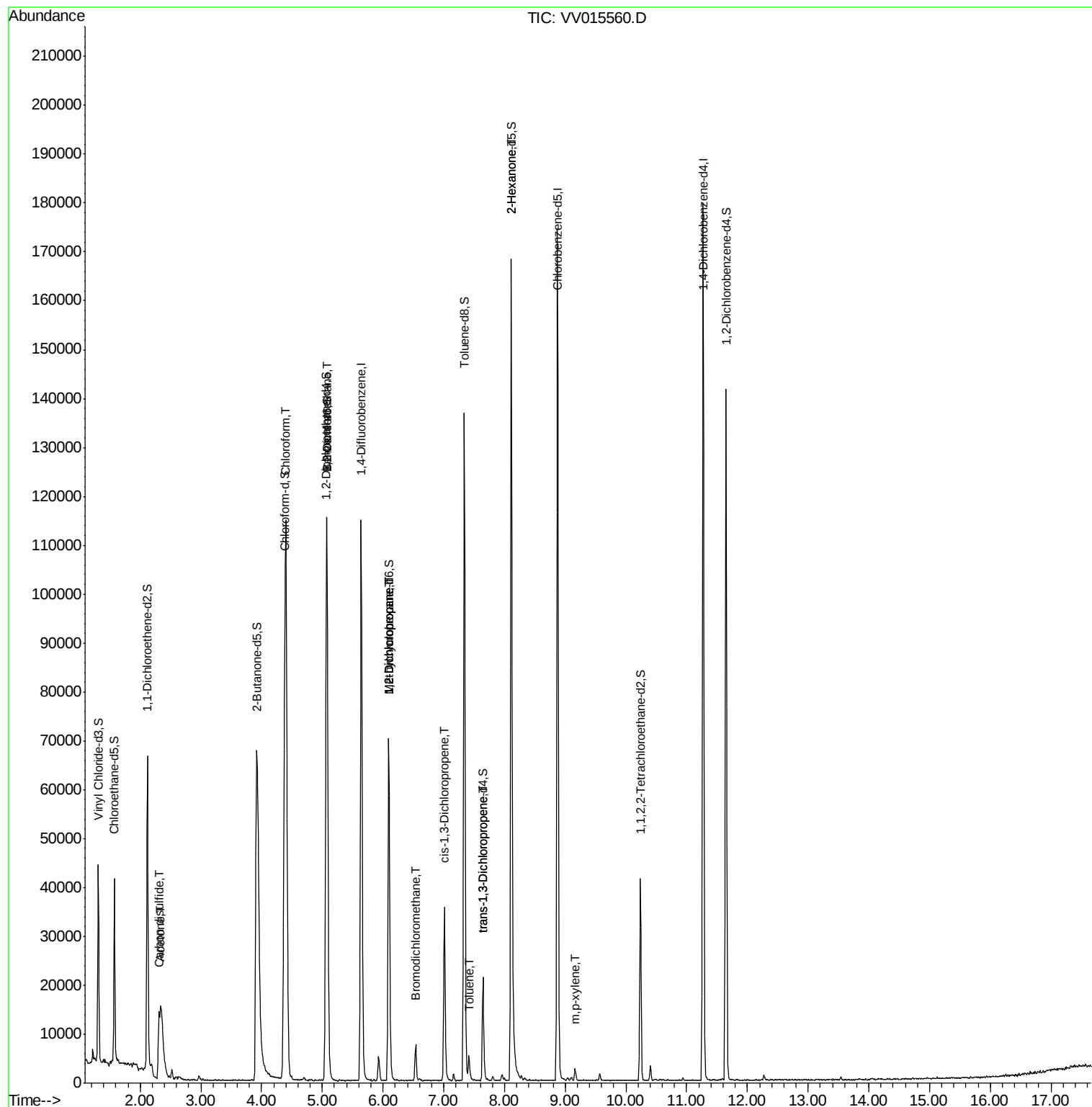
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	9405	10.057	ug/L	73
14) Carbon disulfide	2.31	76	9293	0.467	ug/L	96
25) Chloroform	4.40	83	92819	7.486	ug/L	99
27) 1,2-Dichloroethane	5.08	62	730	0.091	ug/L #	77
35) Methylcyclohexane	6.09	83	7622	0.647	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4005	0.622	ug/L #	86
38) Bromodichloromethane	6.54	83	5171	0.602	ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	948	0.096	ug/L #	78
42) Toluene	7.41	91	3685	0.131	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	645	0.077	ug/L	85
48) 2-Hexanone	8.11	43	7899	2.673	ug/L #	75
53) m,p-xylene	9.16	106	874	0.071	ug/L	80

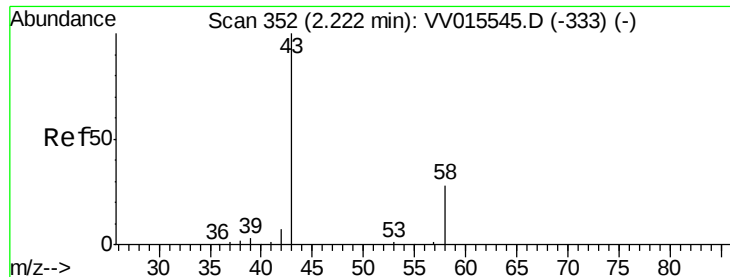
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.057 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.12 min

Lab File: VV015560.D

Acq: 17 Apr 2020 17:12

Instrument :

MSVOA_V

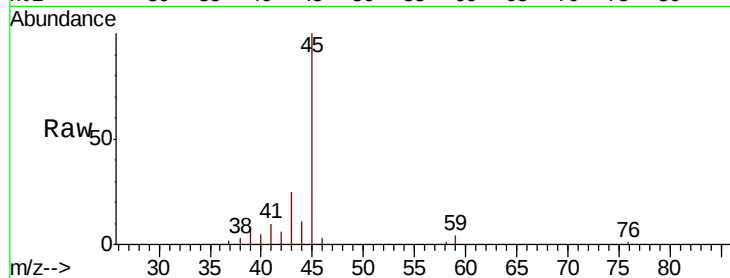
ClientSampled :

Tot Ion: 43 Resp: 9405

Ion Ratio Lower Upper

43 100

58 0.7 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV015545.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV015545.D (-333) (-)

2500

2000

1500

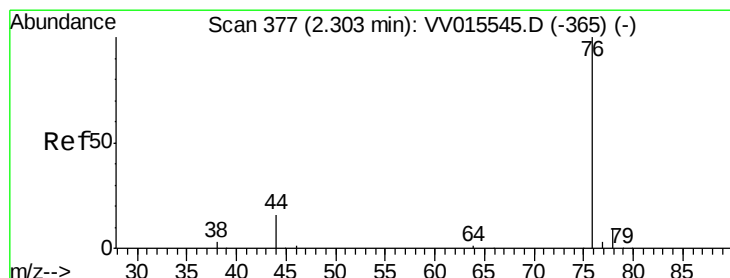
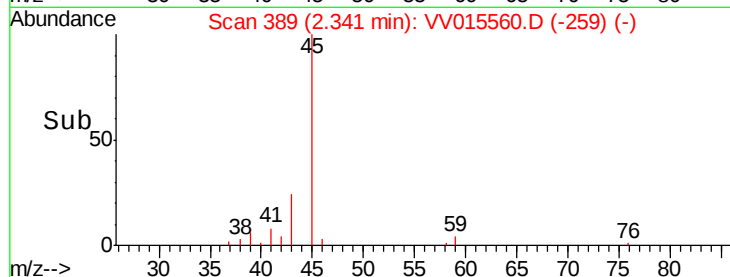
1000

500

0

2.30 2.40

Time-->



#14

Carbon disulfide

Concen: 0.467 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015560.D

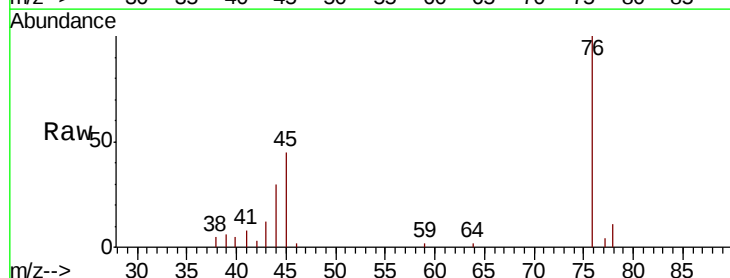
Acq: 17 Apr 2020 17:12

Tgt Ion: 76 Resp: 9293

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV015545.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015545.D (-365) (-)

6000

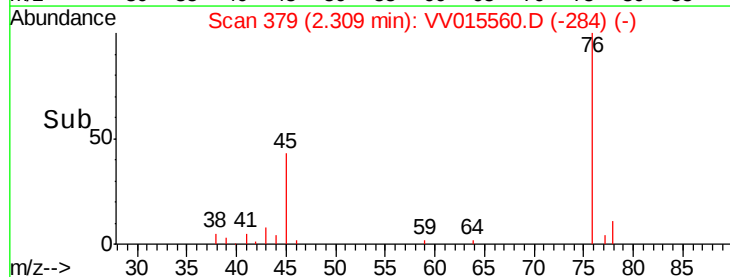
4000

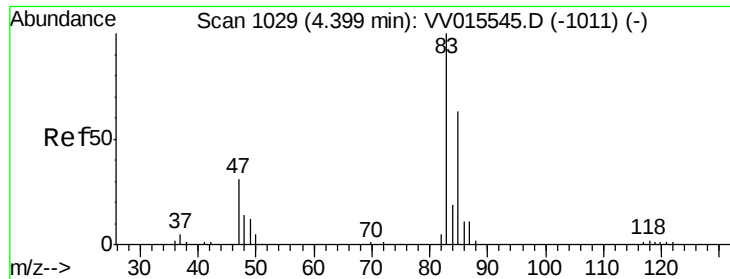
2000

0

2.25 2.30 2.35

Time-->

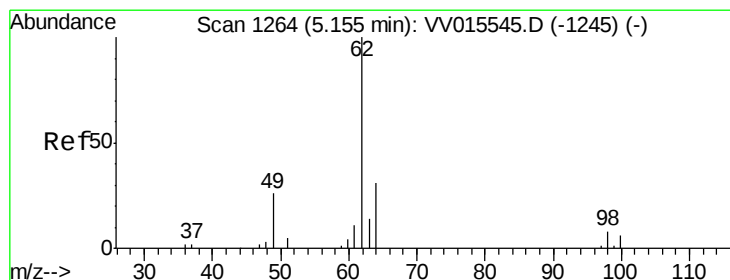
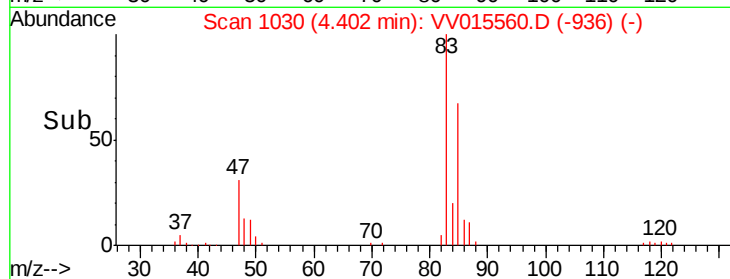
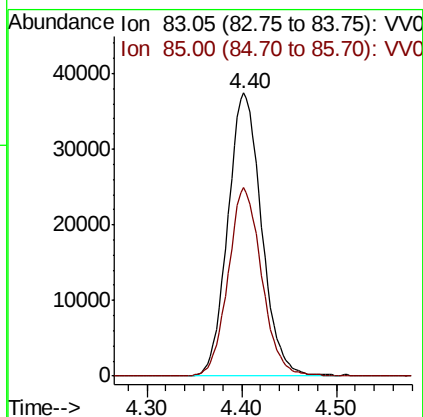
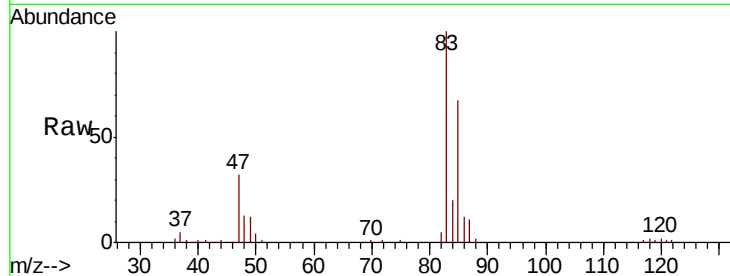




#25
Chloroform
Concen: 7.486 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015560.D
Acq: 17 Apr 2020 17:12

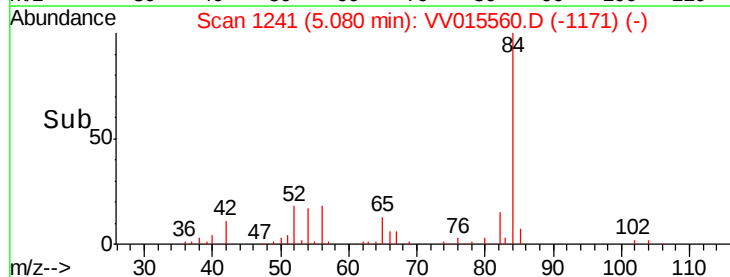
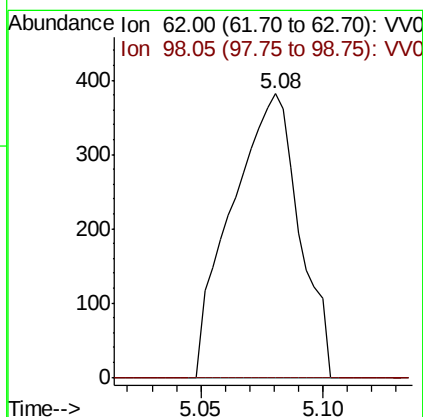
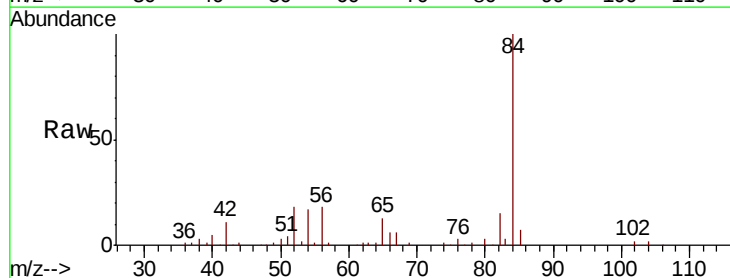
Instrument :
MSVOA_V
ClientSampleId :

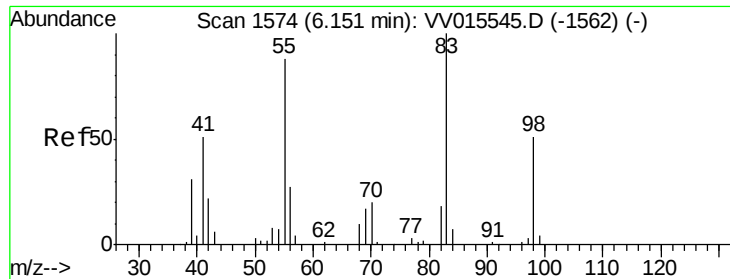
Tot Ion: 83 Resp: 92819
Ion Ratio Lower Upper
83 100
85 66.5 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015560.D
Acq: 17 Apr 2020 17:12

Tgt Ion: 62 Resp: 730
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

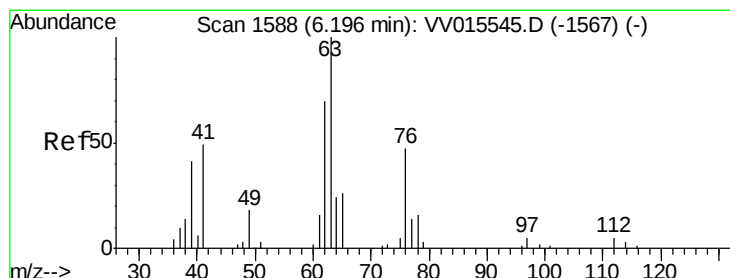
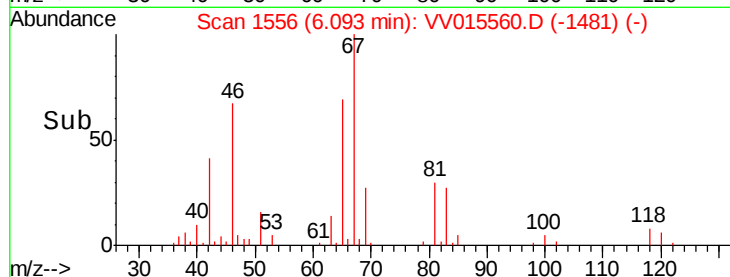
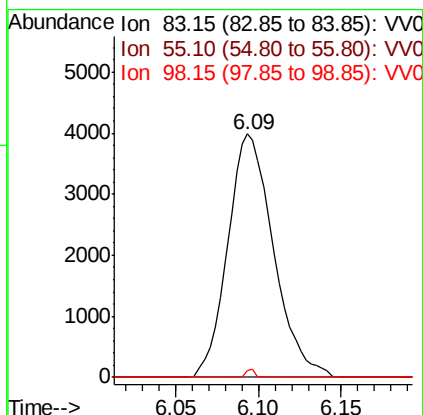
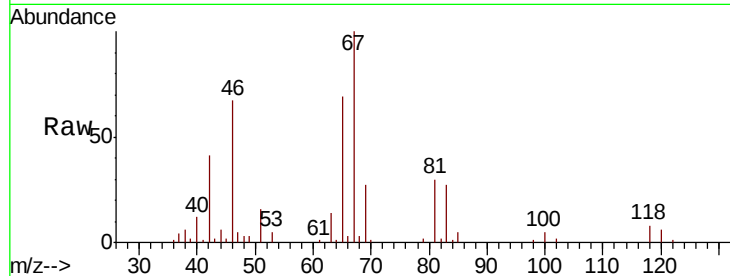




#35
Methvlcvclohexane
Concen: 0.647 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015560.D
Acq: 17 Apr 2020 17:12

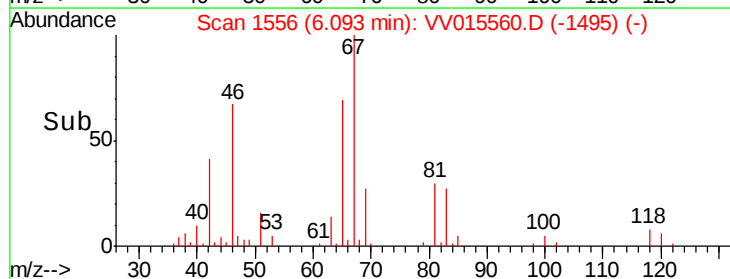
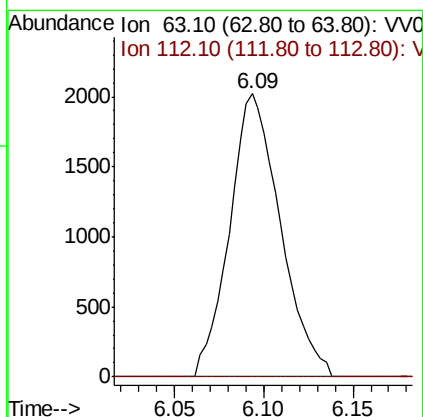
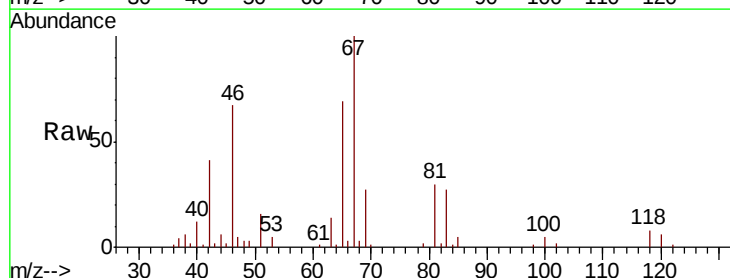
Instrument :
MSVOA_V
ClientSampled :

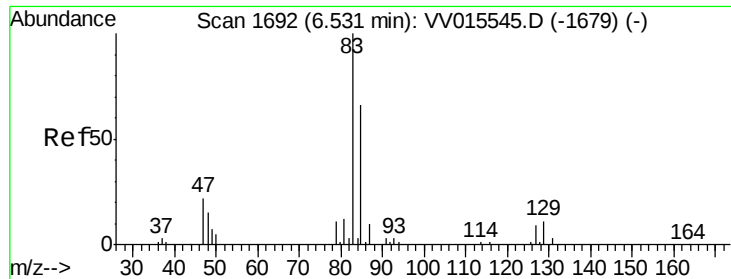
Tot Ion: 83 Resp: 7622
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.6 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015560.D
Acq: 17 Apr 2020 17:12

Tgt Ion: 63 Resp: 4005
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#38

Bromodichloromethane

Concen: 0.602 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VV015560.D

Acq: 17 Apr 2020 17:12

Instrument :

MSVOA_V

ClientSampleId :

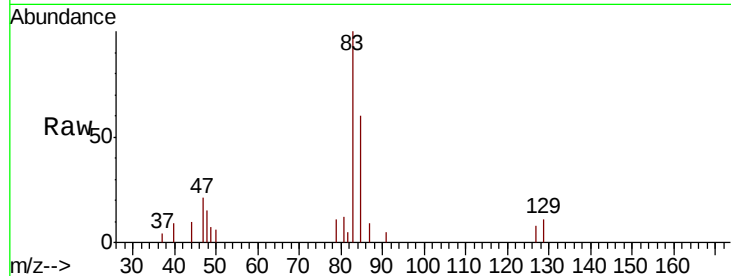
Tot Ion: 83 Resp: 5171

Ion Ratio Lower Upper

83 100

85 60.4 42.6 79.2

127 8.2 6.6 9.8

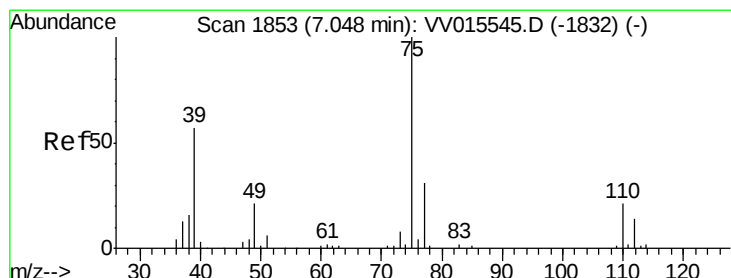
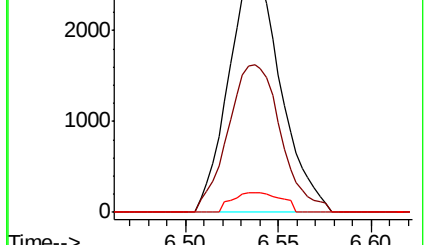
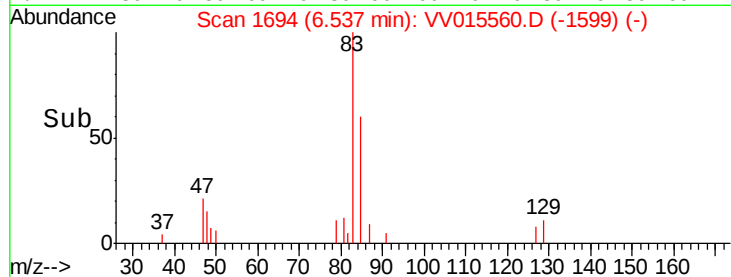


Abundance Ion 82.95 (82.65 to 83.65): VV015545.D (-1679) (-)

Ion 85.00 (84.70 to 85.70): VV015545.D (-1679) (-)

Ion 126.90 (126.60 to 127.60): VV015545.D (-1679) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015560.D

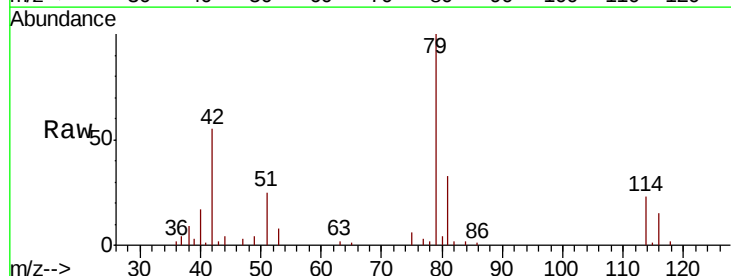
Acq: 17 Apr 2020 17:12

Tgt Ion: 75 Resp: 948

Ion Ratio Lower Upper

75 100

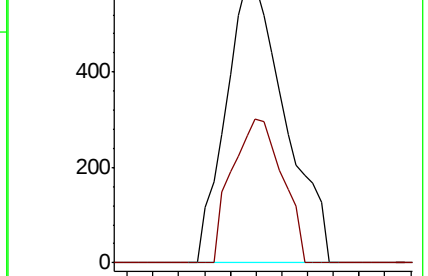
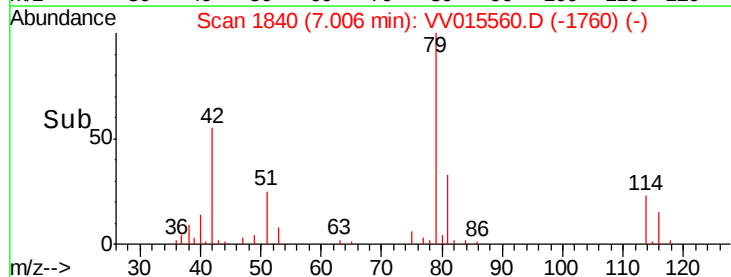
77 45.0 23.0 42.6#

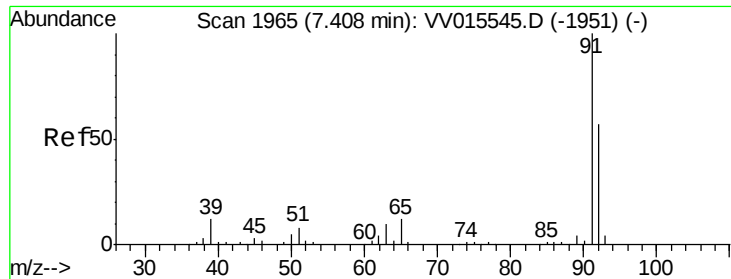


Abundance Ion 75.05 (74.75 to 75.75): VV015545.D (-1832) (-)

Ion 77.05 (76.75 to 77.75): VV015545.D (-1832) (-)

Time-->





#42

Toluene

Concen: 0.131 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015560.D

Acq: 17 Apr 2020 17:12

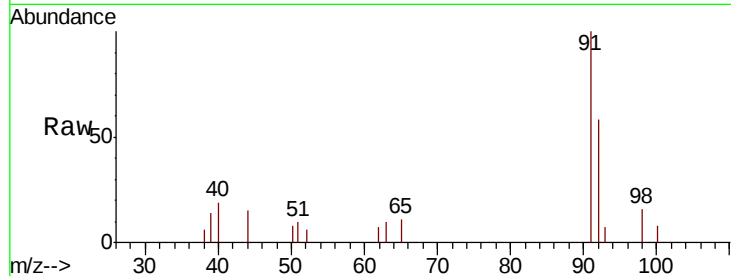
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 3685

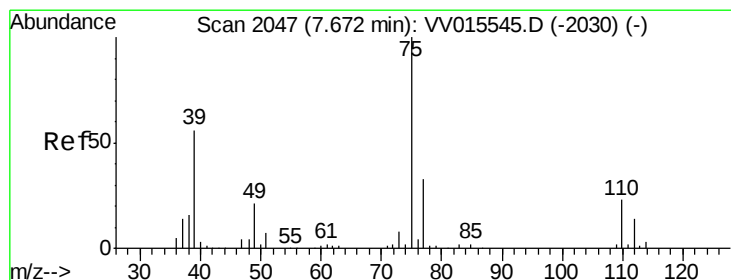
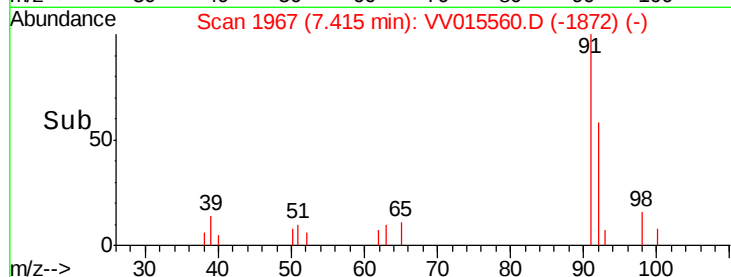
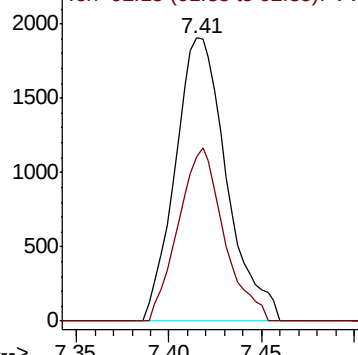
Ion Ratio Lower Upper

91 100

92 58.2 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: 0.077 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015560.D

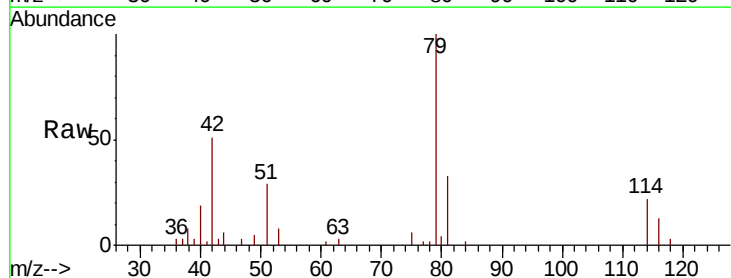
Acq: 17 Apr 2020 17:12

Tgt Ion: 75 Resp: 645

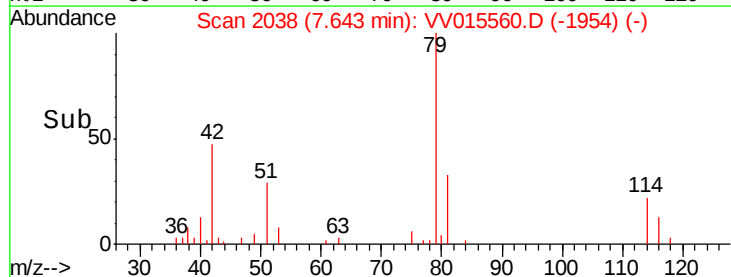
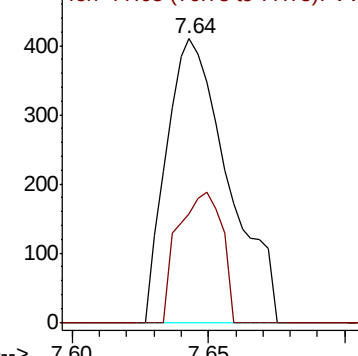
Ion Ratio Lower Upper

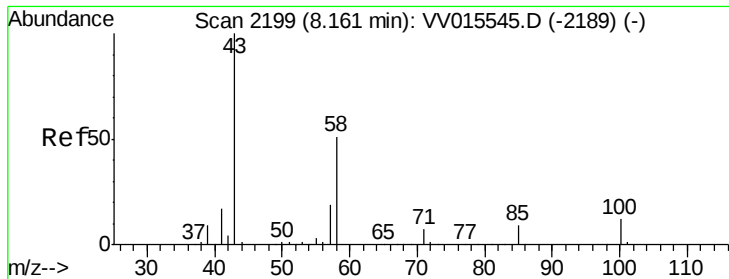
75 100

77 38.3 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: 2.673 ug/L

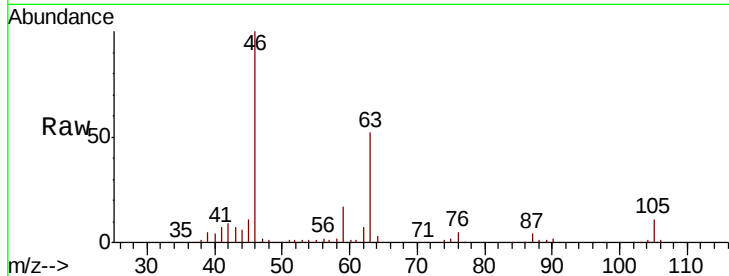
RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

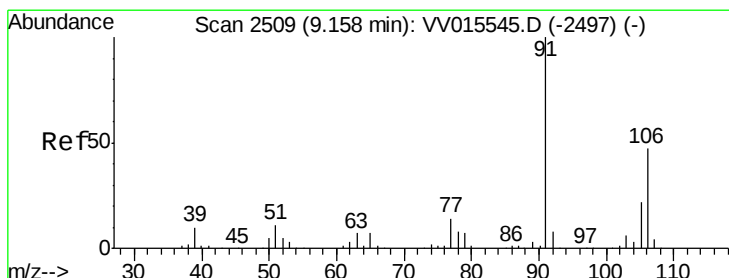
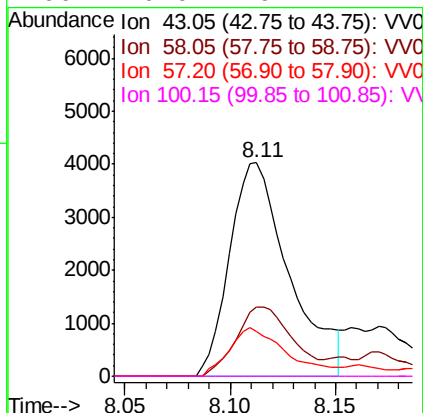
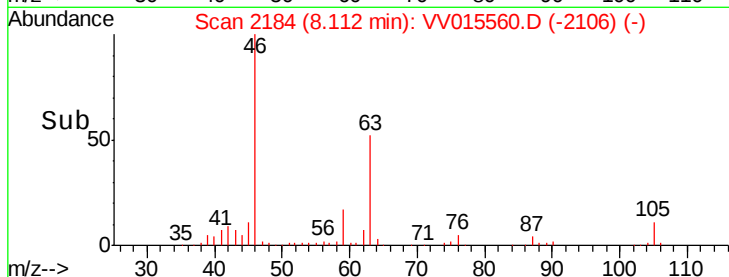
Lab File: VV015560.D

Acq: 17 Apr 2020 17:12

Instrument :
MSVOA_V
ClientSampled :



Tot Ion:	43	Resp:	7899
Ion	Ratio	Lower	Upper
43	100		
58	31.1	41.4	62.0#
57	22.0	15.0	22.4
100	0.0	9.4	14.2#



#53

m,p-xylene

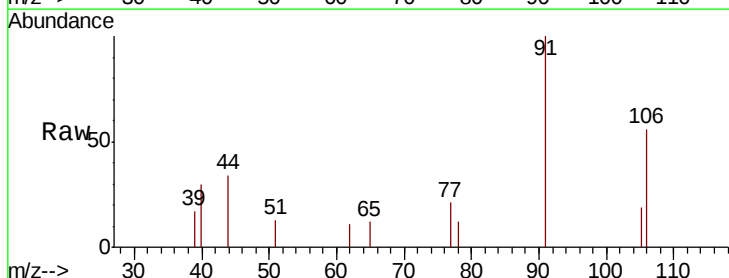
Concen: 0.071 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015560.D

Acq: 17 Apr 2020 17:12



Tgt Ion:	106	Resp:	874
Ion	Ratio	Lower	Upper
106	100		
91	180.0	147.9	274.7

