

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017487.D
 Acq On : 14 Jul 2020 16:27
 Operator : SY/MD
 Sample : L3281-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW4

Quant Time: Jul 15 03:07:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163987	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156145	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34642	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.58	69	29119	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.13	63	54318	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	3.93	46	79251	40.49	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.98%
24) Chloroform-d	4.38	84	75353	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.40%
26) 1,2-Dichloroethane-d4	5.06	65	42648	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
32) Benzene-d6	5.07	84	136259	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
36) 1,2-Dichloropropane-d6	6.09	67	37272	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.34	98	122103	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
45) trans-1,3-Dichloropropene-	7.64	79	16586	3.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.20%
48) 2-Hexanone-d5	8.11	63	55443	38.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25850	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	53543	3.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.20%#

Target Compounds

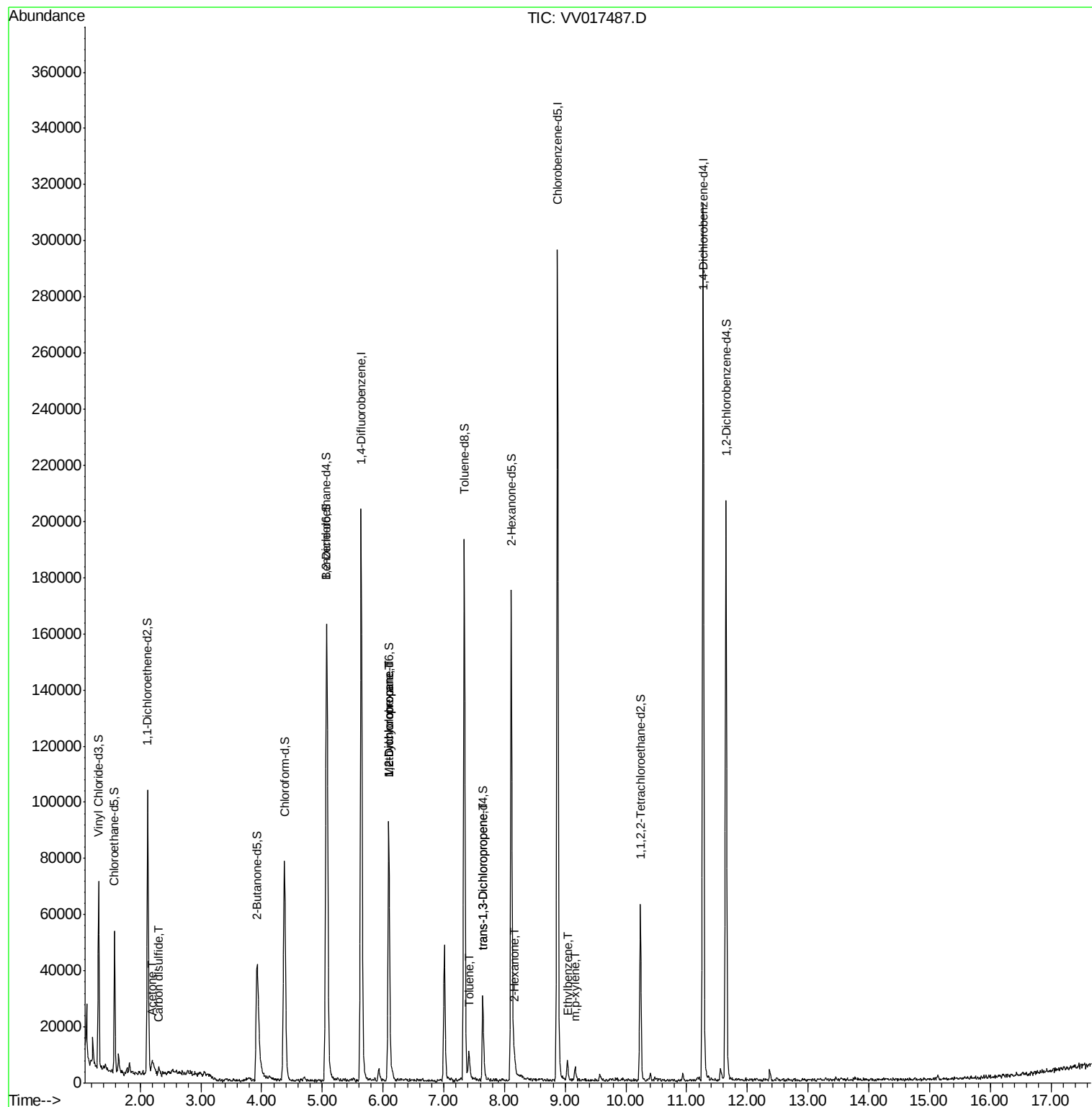
					Ovalue
13) Acetone	2.20	43	7945	5.591	ug/L 92
14) Carbon disulfide	2.31	76	1762	0.058	ug/L # 73
35) Methylcyclohexane	6.09	83	11030	0.591	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	6071	0.631	ug/L # 84
42) Toluene	7.41	91	6477	0.141	ug/L 97
46) trans-1,3-Dichloropropene	7.64	75	898	0.066	ug/L 87
50) 2-Hexanone	8.17	43	2535	0.679	ug/L # 55
54) Ethylbenzene	9.03	91	4487	0.085	ug/L 86
55) m,p-xylene	9.16	106	1577	0.079	ug/L 85

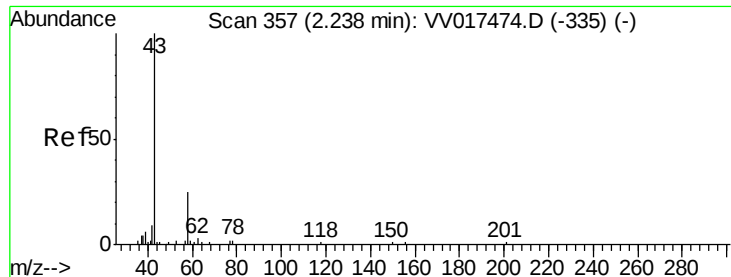
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.591 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV017487.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_V

ClientSampleId :

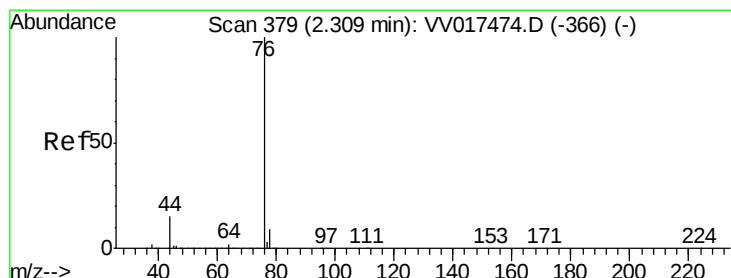
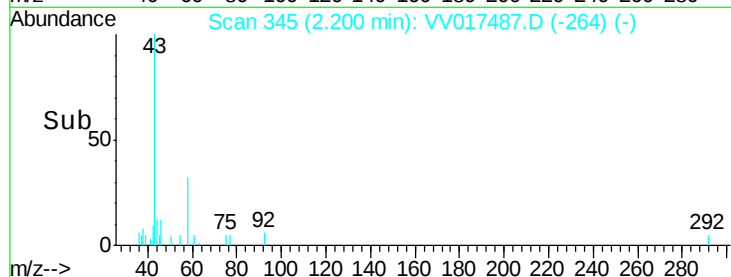
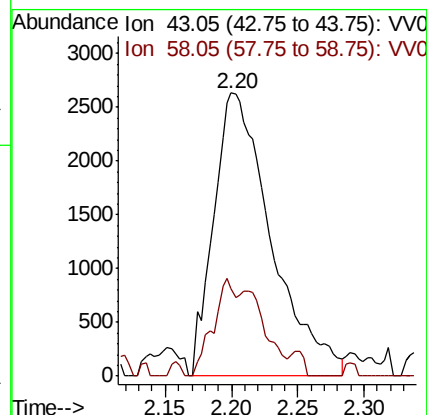
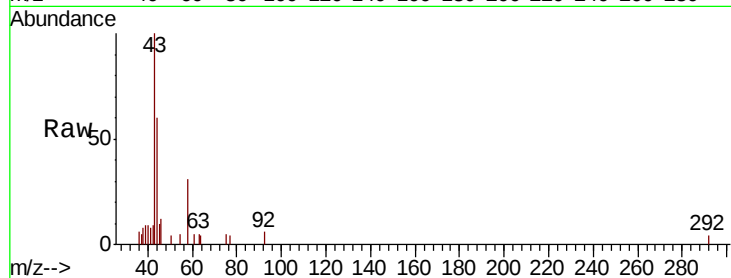
GAXW4

Tot Ion: 43 Resp: 7945

Ion Ratio Lower Upper

43 100

58 13.2 0.0 33.6



#14

Carbon disulfide

Concen: 0.058 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017487.D

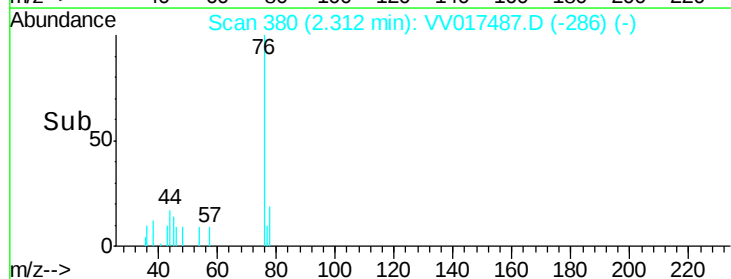
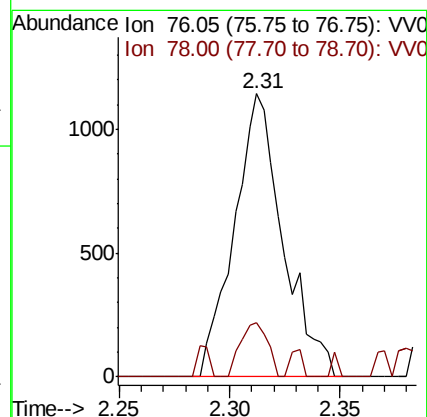
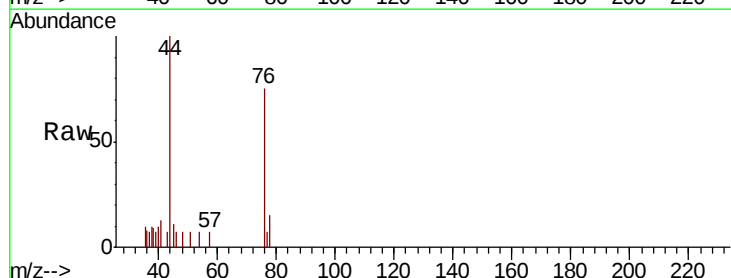
Acq: 14 Jul 2020 16:27

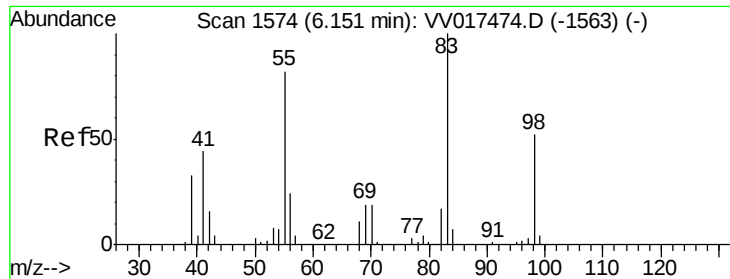
Tgt Ion: 76 Resp: 1762

Ion Ratio Lower Upper

76 100

78 19.4 7.5 11.3#

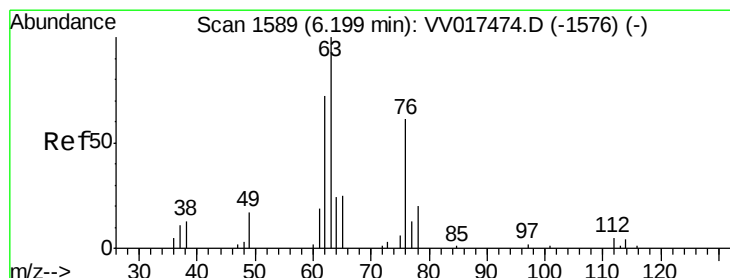
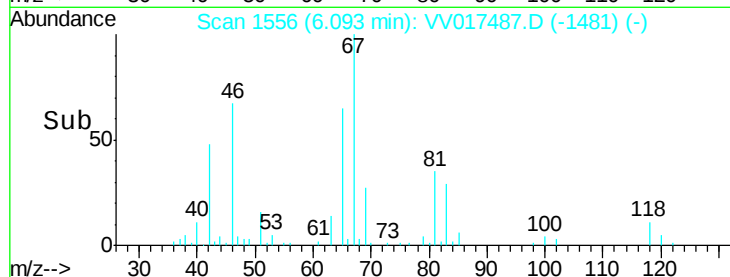
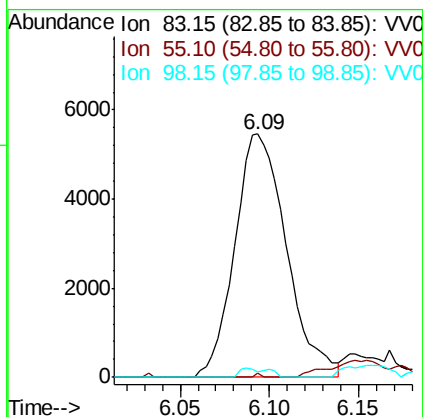
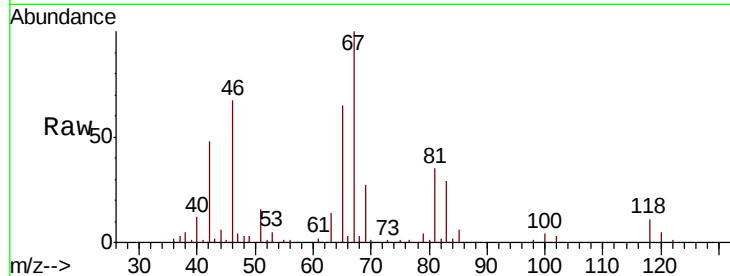




#35
Methvlcvclohexane
Concen: 0.591 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017487.D
Acq: 14 Jul 2020 16:27

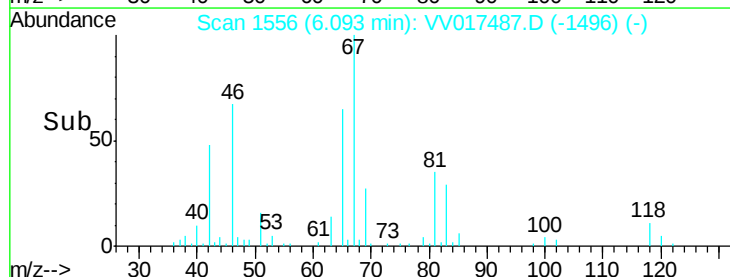
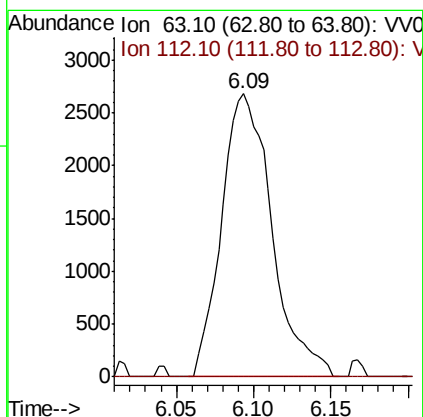
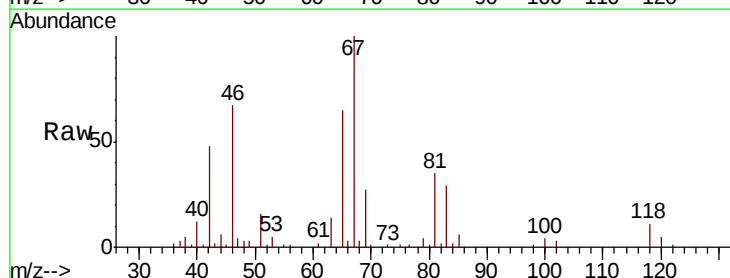
Instrument :
MSVOA_V
ClientSampleId :
GAXW4

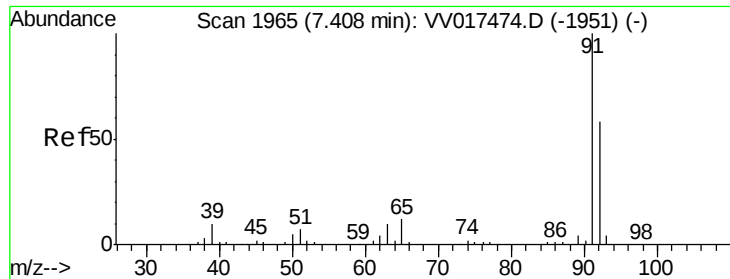
Tot Ion: 83 Resp: 11030
Ion Ratio Lower Upper
83 100
55 0.7 62.0 93.0#
98 1.2 41.4 62.2#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017487.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 63 Resp: 6071
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

Toluene

Concen: 0.141 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017487.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_V

ClientSampleId :

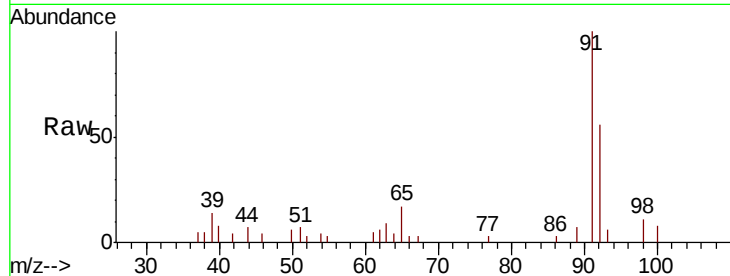
GAXW4

Tot Ion: 91 Resp: 6477

Ion Ratio Lower Upper

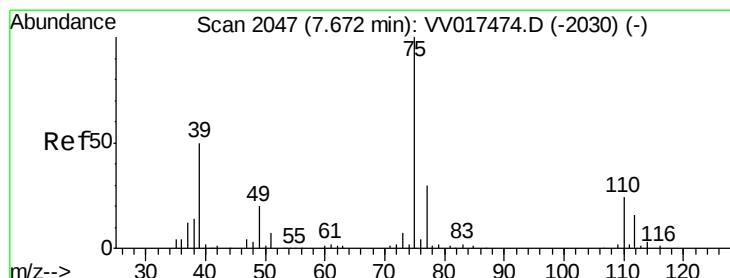
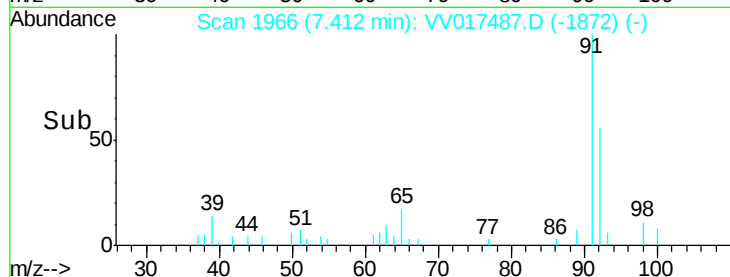
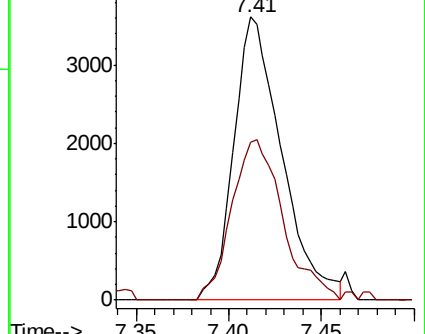
91 100

92 56.0 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017487.D

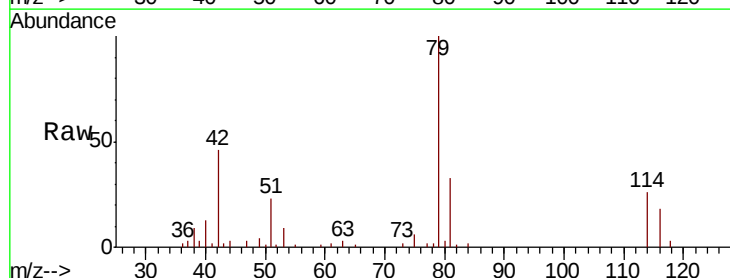
Acq: 14 Jul 2020 16:27

Tgt Ion: 75 Resp: 898

Ion Ratio Lower Upper

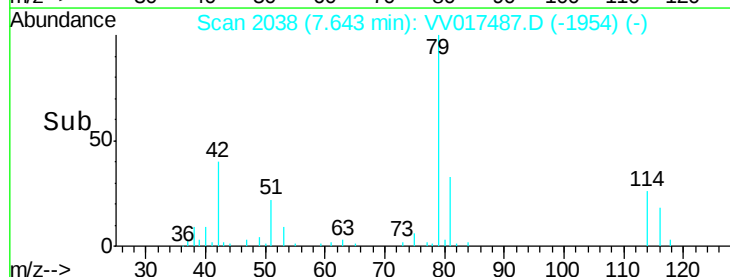
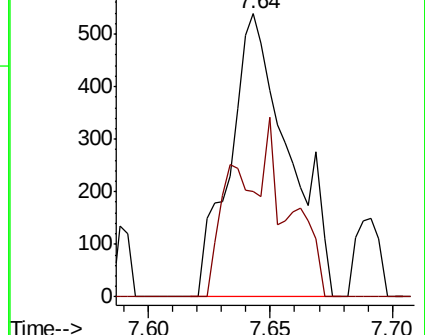
75 100

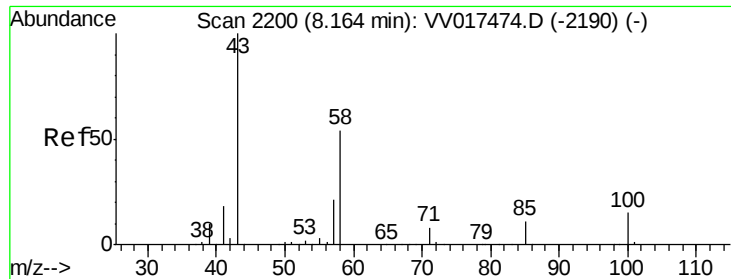
77 37.2 21.2 39.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

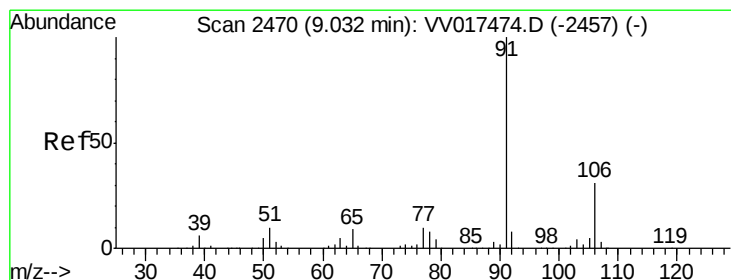
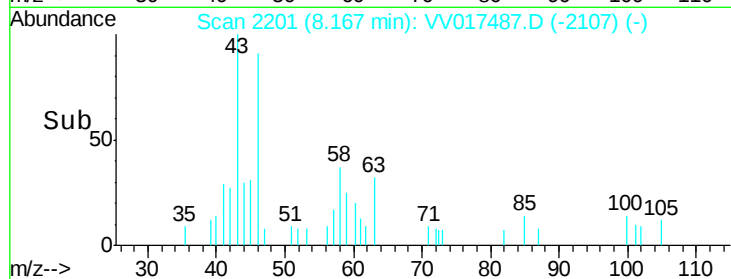
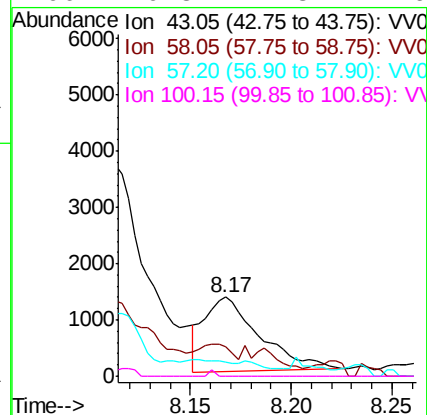
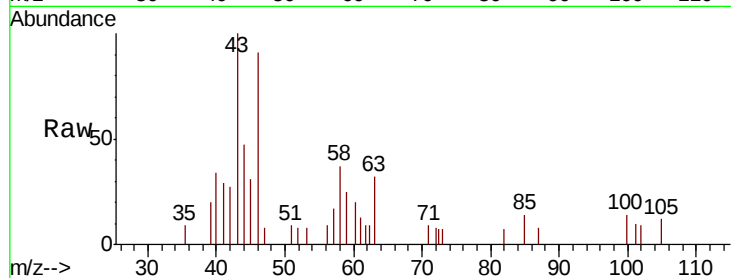




#50
2-Hexanone
Concen: 0.679 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017487.D
Acq: 14 Jul 2020 16:27

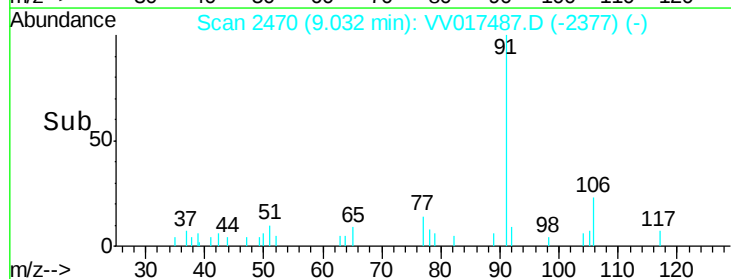
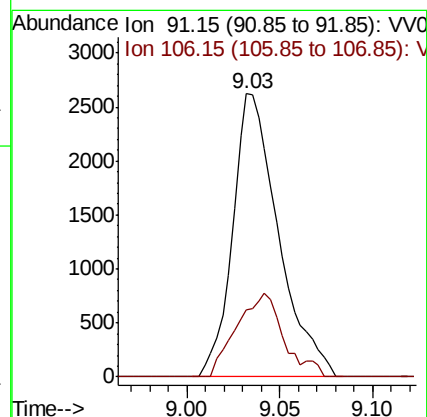
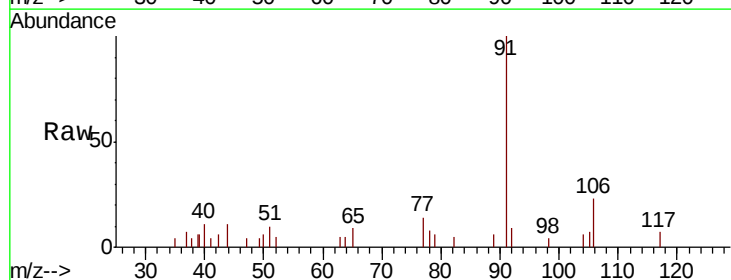
Instrument :
MSVOA_V
ClientSampleId :
GAXW4

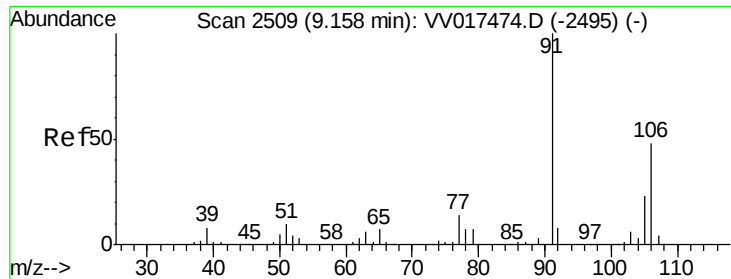
Tot Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
58 13.1 43.0 64.4#
57 10.8 16.8 25.2#
100 0.8 11.8 17.6#



#54
Ethylbenzene
Concen: 0.085 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV017487.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 91 Resp: 4487
Ion Ratio Lower Upper
91 100
106 23.5 21.9 40.7





#55

m,p-xylene

Concen: 0.079 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017487.D

Acq: 14 Jul 2020 16:27

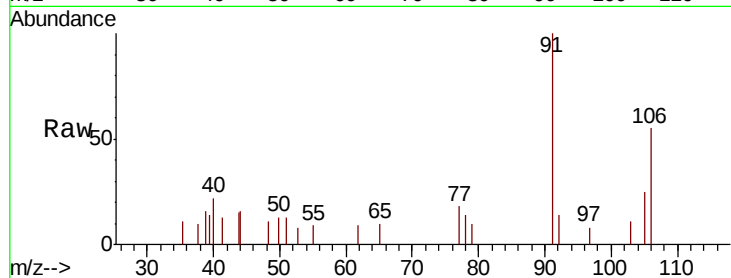
Instrument :
MSVOA_V
ClientSampleId :
GAXW4

Tot Ion:106 Resp: 1577

Ion Ratio Lower Upper

106 100

91 183.2 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

