

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015962.D
 Acq On : 08 May 2020 13:59
 Operator : SY/MD
 Sample : L2541-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:48:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145636	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144519	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34645	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	34476	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	57095	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.91	46	108220	48.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	4.38	84	82877	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	48641	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	162017	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.10	67	51689	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	145049	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.65	79	17351	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
48) 2-Hexanone-d5	8.11	63	82757	45.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34733	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55988	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

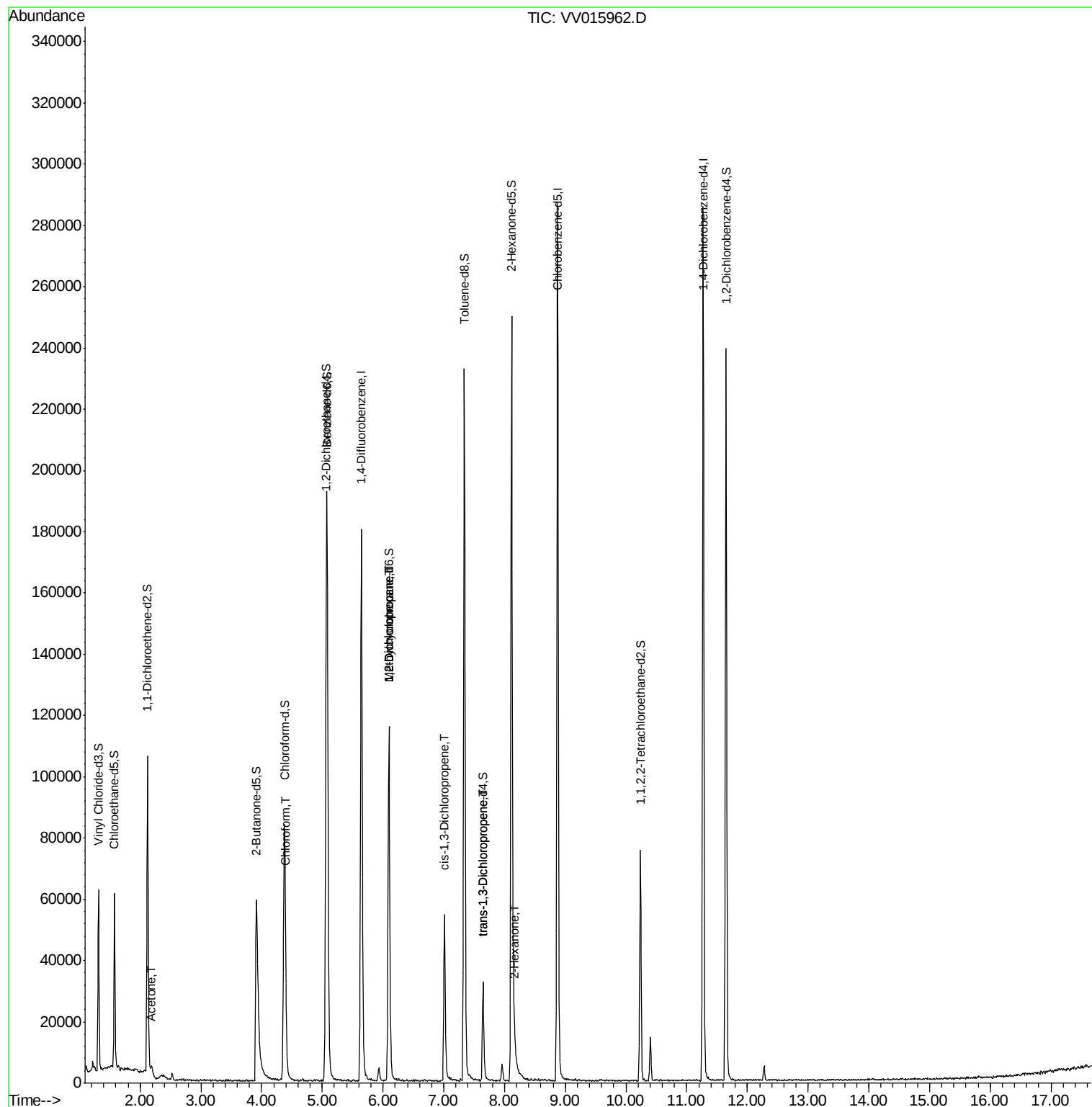
					Ovalue
13) Acetone	2.20	43	4119	2.771 ug/L #	58
25) Chloroform	4.40	83	2615	0.139 ug/L	93
35) Methylcyclohexane	6.09	83	12484	0.795 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6687	0.724 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1505	0.115 ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	980	0.089 ug/L	91
50) 2-Hexanone	8.17	43	5070	1.245 ug/L #	77

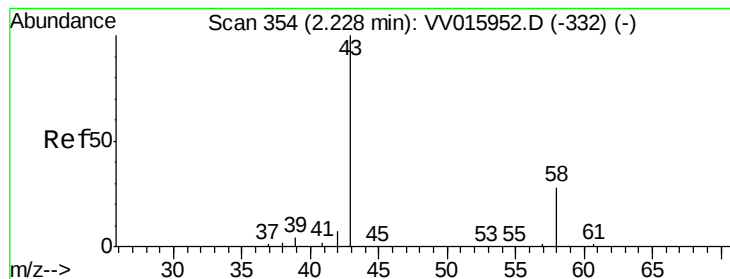
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.771 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV015962.D

Acq: 08 May 2020 13:59

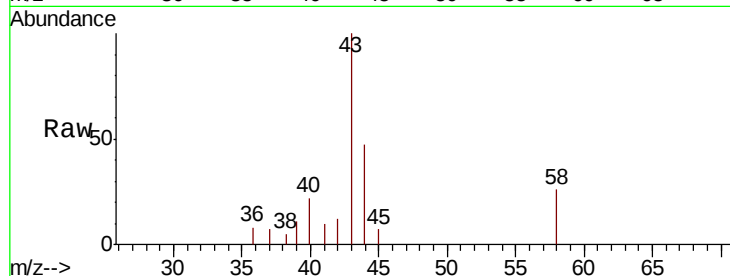
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4119

Ion Ratio Lower Upper

43 100

58 33.2 0.0 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV015952.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015952.D (-332) (-)

2.20

2000

1500

1000

500

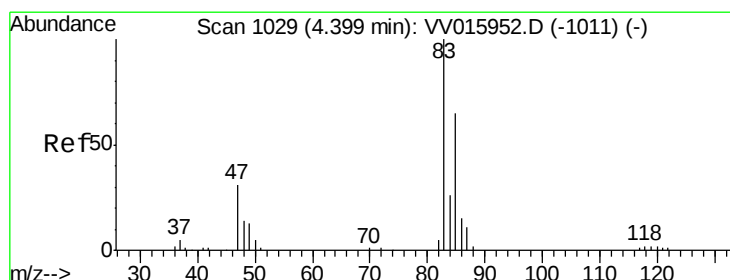
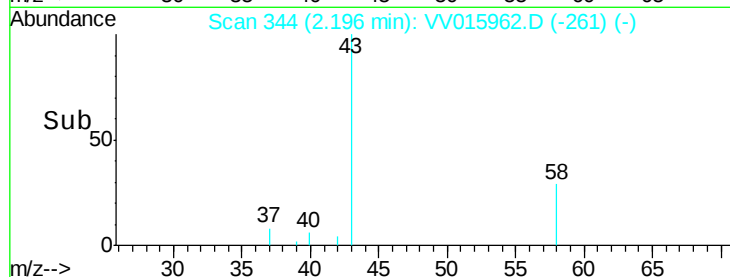
0

Time-->

2.15

2.20

2.25



#25

Chloroform

Concen: 0.139 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015962.D

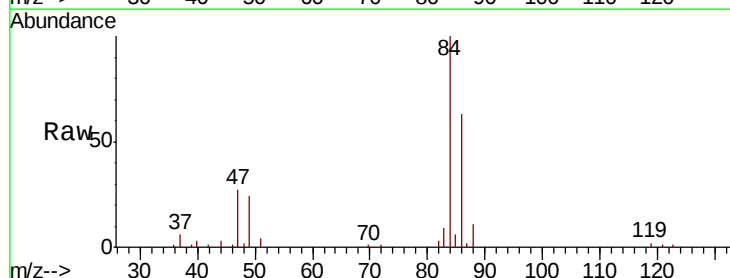
Acq: 08 May 2020 13:59

Tgt Ion: 83 Resp: 2615

Ion Ratio Lower Upper

83 100

85 70.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015952.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV015952.D (-1011) (-)

4.40

1200

1000

800

600

400

200

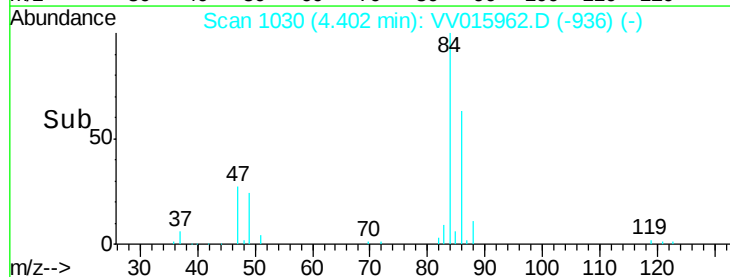
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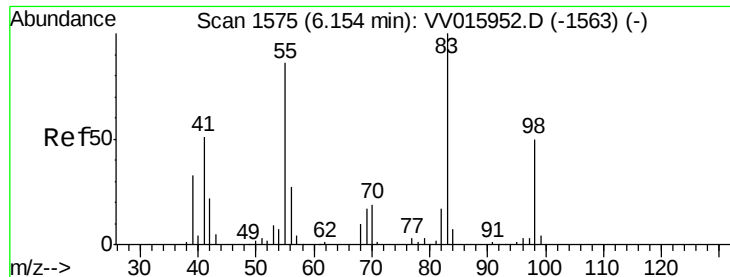
Time-->

4.35

4.40

4.45

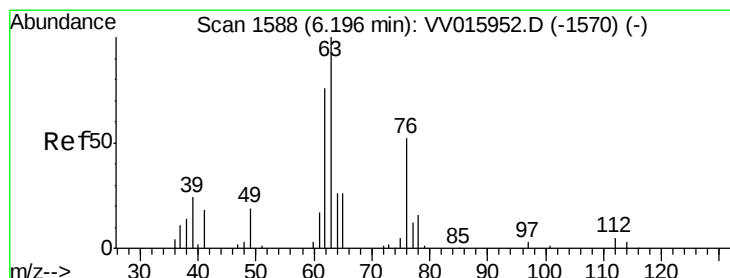
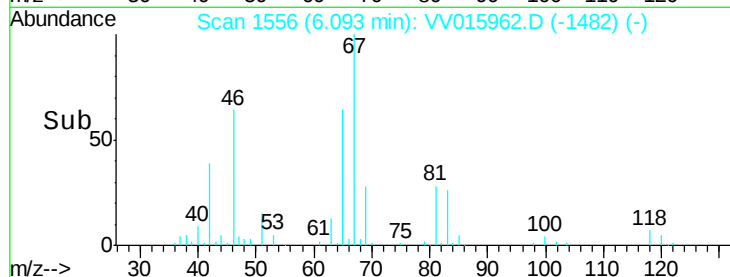
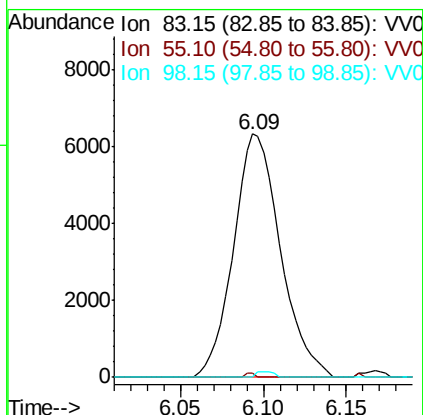
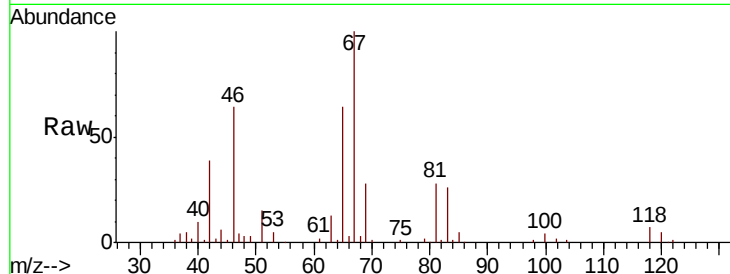




#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015962.D
Acq: 08 May 2020 13:59

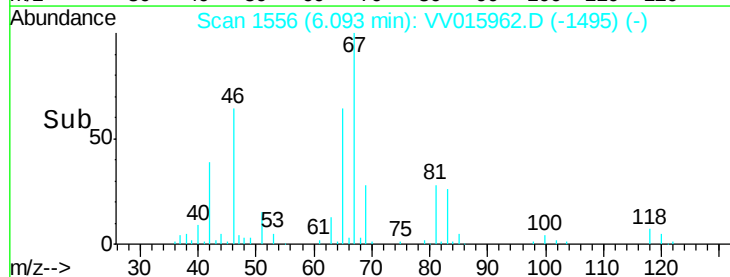
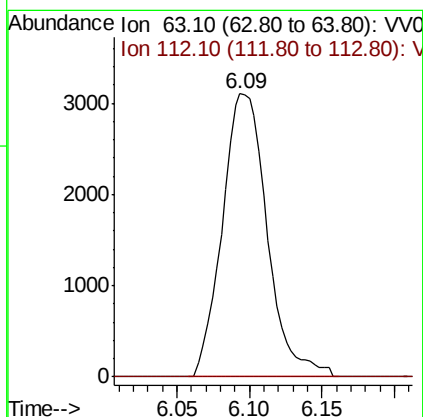
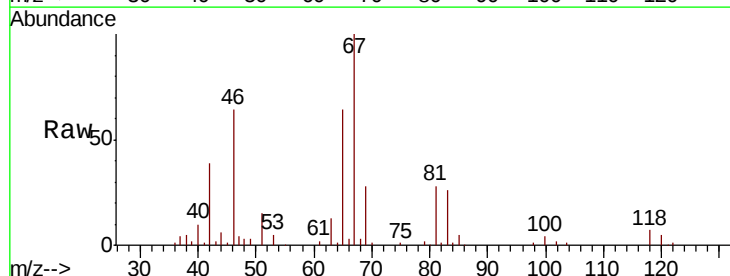
Instrument :
MSVOA_V
ClientSampleId :

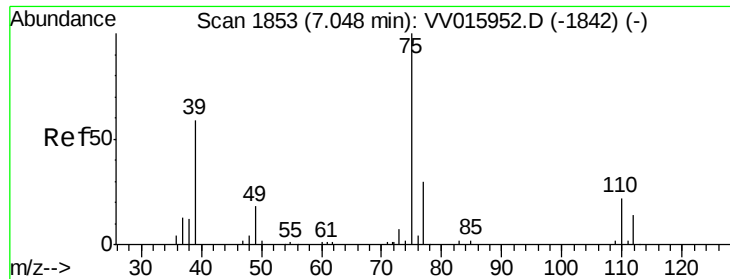
Tot Ion: 83 Resp: 12484
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 0.8 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.724 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015962.D
Acq: 08 May 2020 13:59

Tgt Ion: 63 Resp: 6687
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

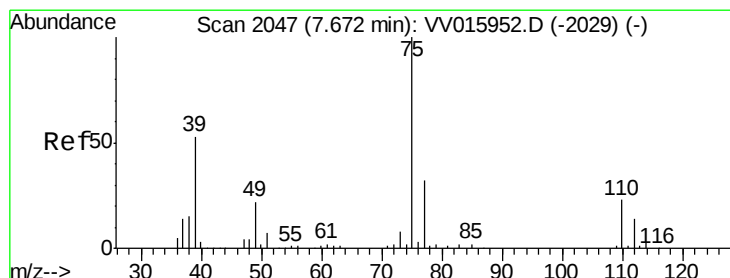
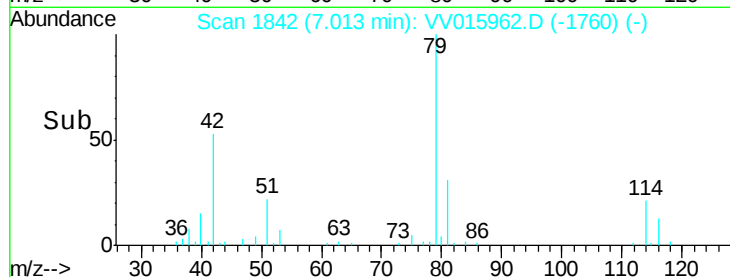
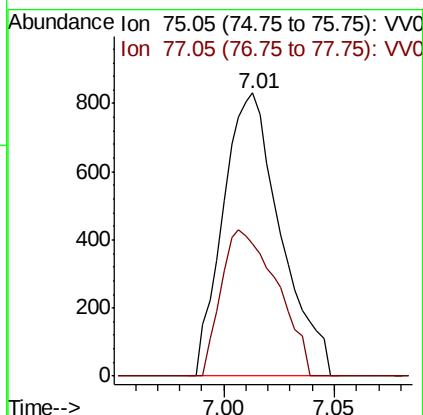
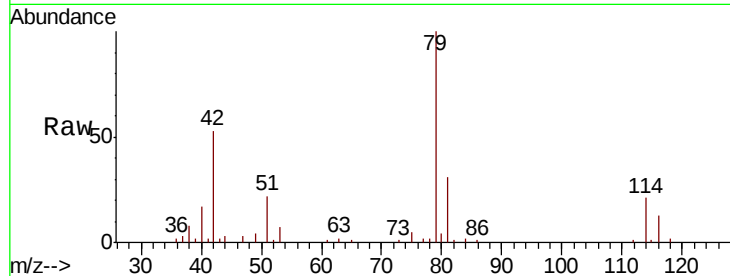




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015962.D
 Acq: 08 May 2020 13:59

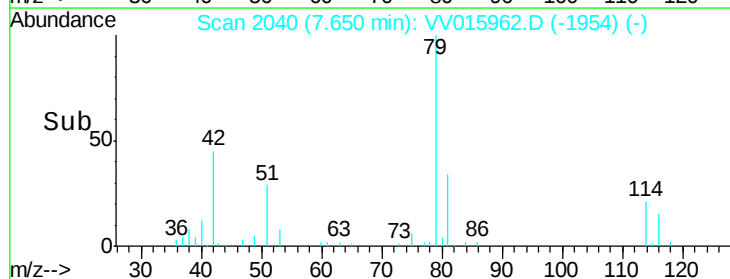
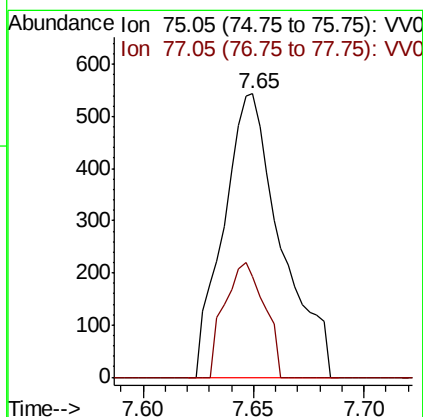
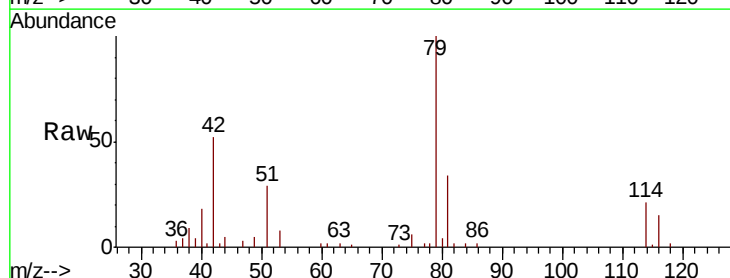
Instrument :
 MSVOA_V
 ClientSampleId :

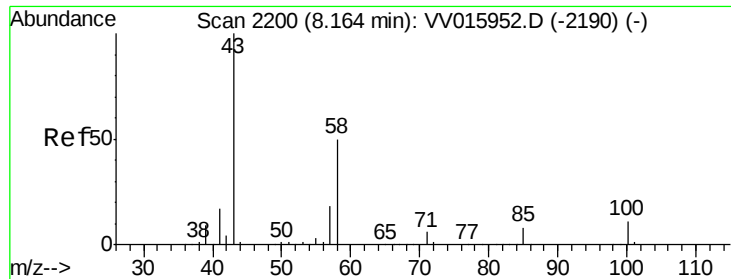
Tot Ion: 75 Resp: 1505
 Ion Ratio Lower Upper
 75 100
 77 46.9 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV015962.D
 Acq: 08 May 2020 13:59

Tgt Ion: 75 Resp: 980
 Ion Ratio Lower Upper
 75 100
 77 35.5 21.3 39.6





#50

2-Hexanone

Concen: 1.245 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015962.D

Acq: 08 May 2020 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5070

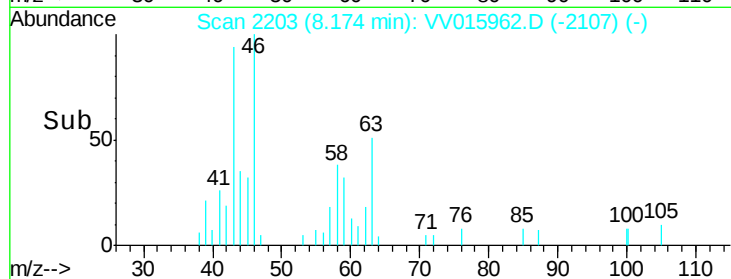
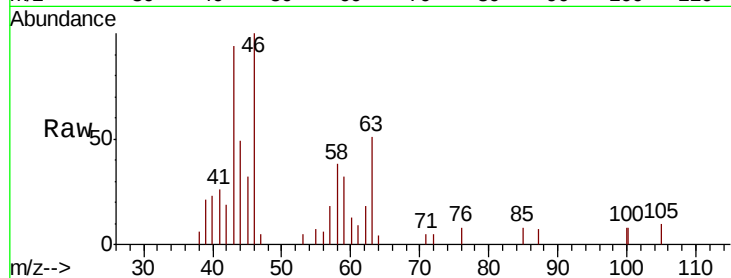
Ion Ratio Lower Upper

43 100

58 33.6 40.8 61.2#

57 7.5 14.7 22.1#

100 6.3 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

