

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016149.D
 Acq On : 21 May 2020 13:33
 Operator : SY/MD
 Sample : L2725-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157694	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154166	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30277	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	34335	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.13	63	54968	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.95	46	92170	37.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.54%
24) Chloroform-d	4.38	84	84333	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	41791	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
32) Benzene-d6	5.08	84	159843	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.10	67	48971	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.34	98	137138	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
45) trans-1,3-Dichloropropene-	7.65	79	14792	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
48) 2-Hexanone-d5	8.12	63	70366	36.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31235	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	50778	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

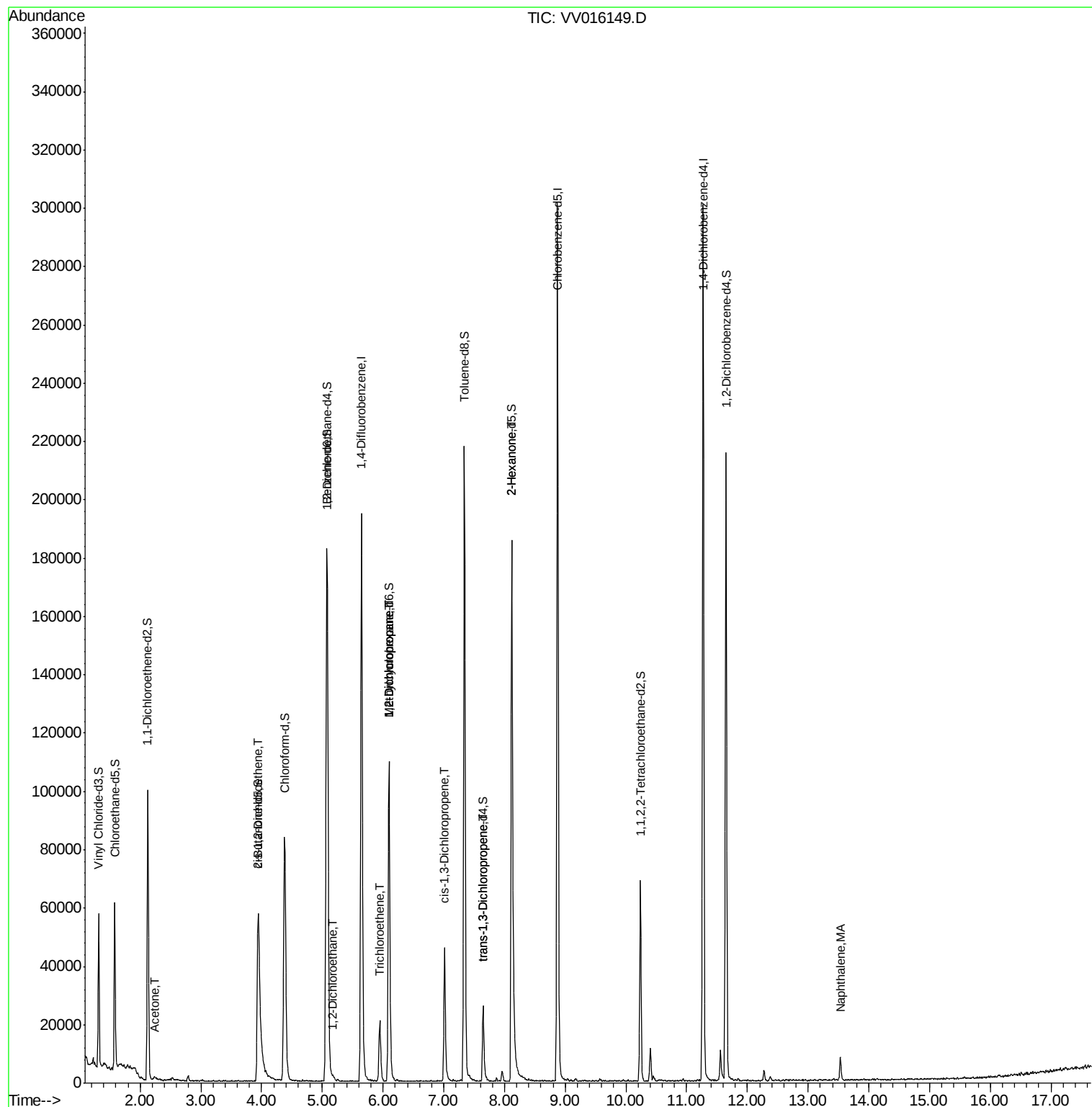
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.24	43	1986	1.234	ug/L	84
22) cis-1,2-Dichloroethene	3.95	96	11887	1.184	ug/L	94
27) 1,2-Dichloroethane	5.17	62	1085	0.087	ug/L #	76
34) Trichloroethene	5.95	95	7754	0.700	ug/L	95
35) Methylcyclohexane	6.10	83	11837	0.707	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6276	0.637	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1382	0.099	ug/L	84
46) trans-1,3-Dichloropropene	7.65	75	710	0.060	ug/L	85
50) 2-Hexanone	8.12	43	10524	2.423	ug/L #	79
70) Naphthalene	13.53	128	6885	0.357	ug/L	99

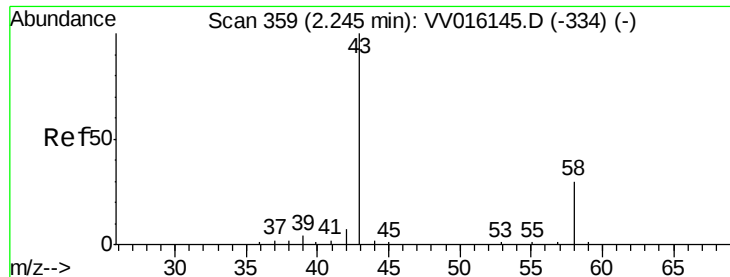
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.234 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.00 min

Lab File: VV016149.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_V

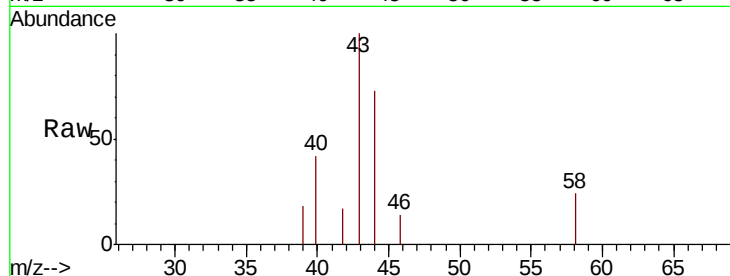
ClientSampleId :

Tot Ion: 43 Resp: 1986

Ion Ratio Lower Upper

43 100

58 8.5 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.24

800

600

400

200

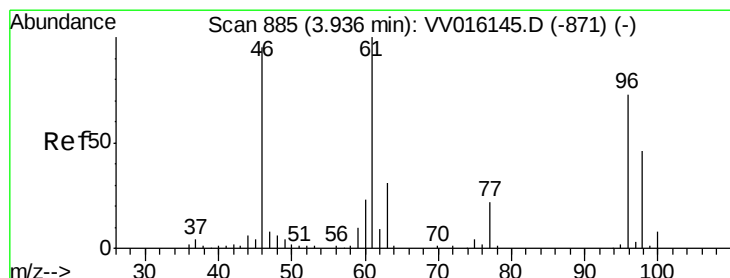
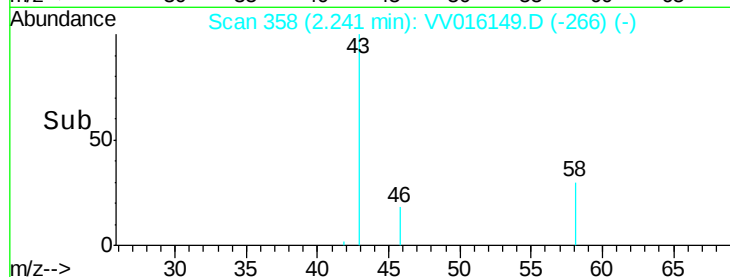
0

Time-->

2.15

2.20

2.25



#22

cis-1,2-Dichloroethene

Concen: 1.184 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016149.D

Acq: 21 May 2020 13:33

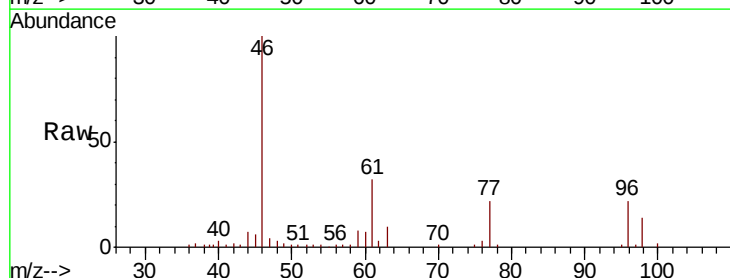
Tgt Ion: 96 Resp: 11887

Ion Ratio Lower Upper

96 100

61 146.7 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

8000

6000

4000

2000

0

Time-->

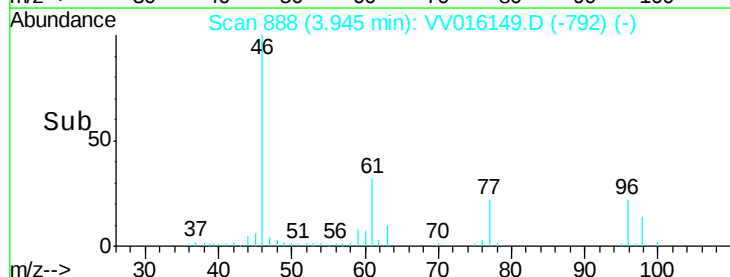
3.85

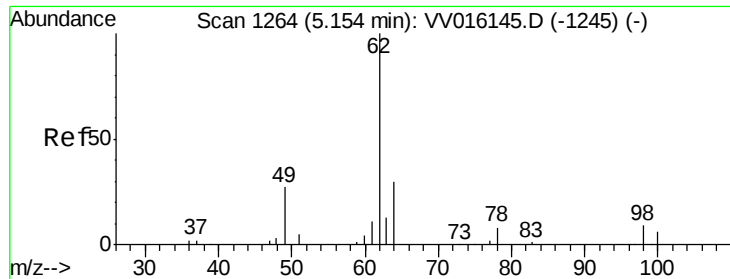
3.90

3.95

4.00

4.05

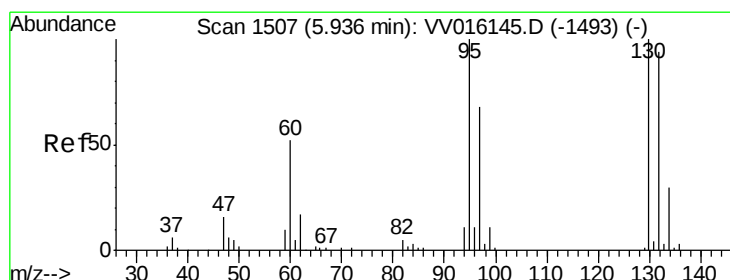
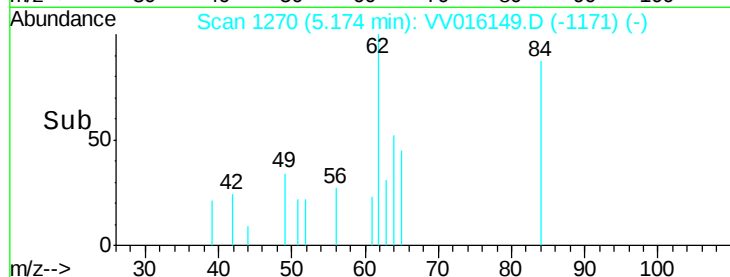
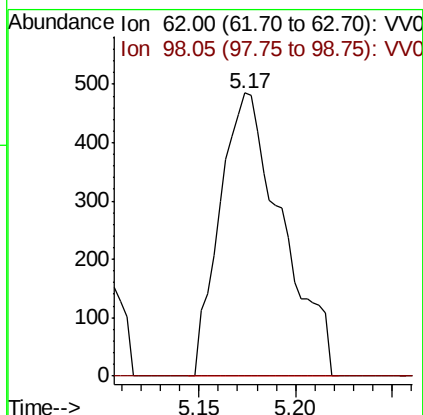
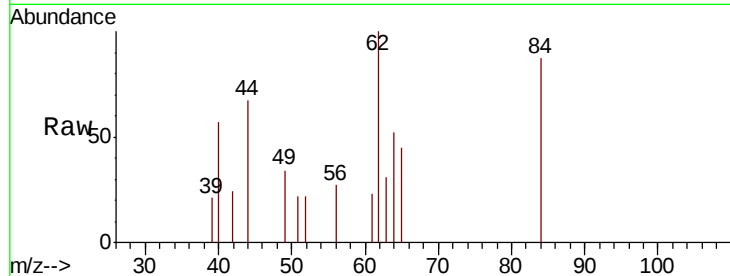




#27
 1,2-Dichloroethane
 Concen: 0.087 ug/L
 RT: 5.17 min Scan# 1270
 Delta R.T. 0.02 min
 Lab File: VV016149.D
 Acq: 21 May 2020 13:33

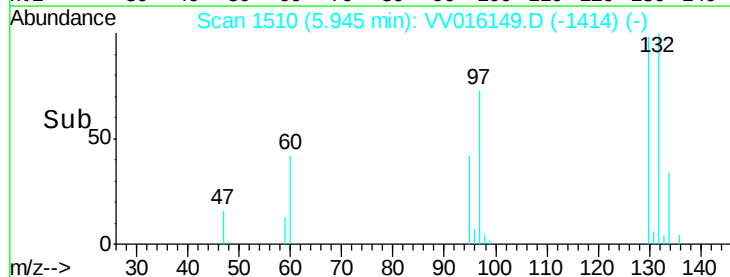
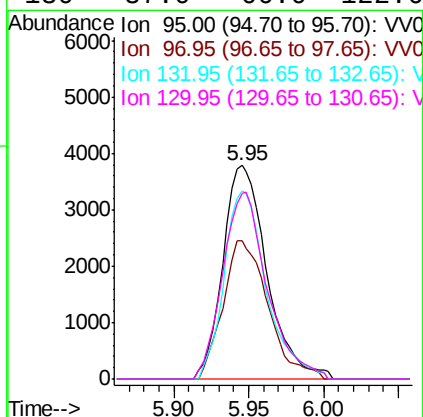
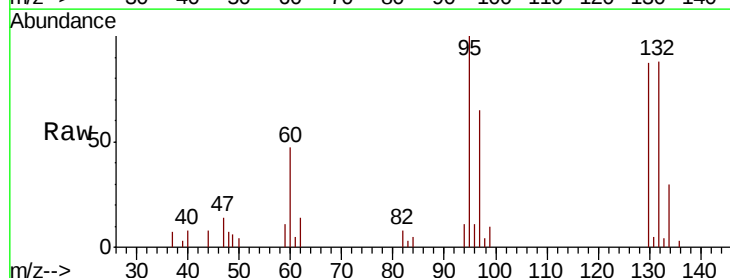
Instrument :
 MSVOA_V
 ClientSampleId :

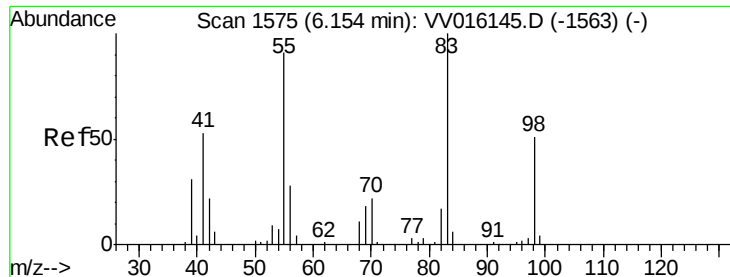
Tot Ion: 62 Resp: 1085
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#34
 Trichloroethene
 Concen: 0.700 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV016149.D
 Acq: 21 May 2020 13:33

Tgt Ion: 95 Resp: 7754
 Ion Ratio Lower Upper
 95 100
 97 64.6 43.3 80.5
 132 88.4 60.3 112.1
 130 87.0 66.0 122.6

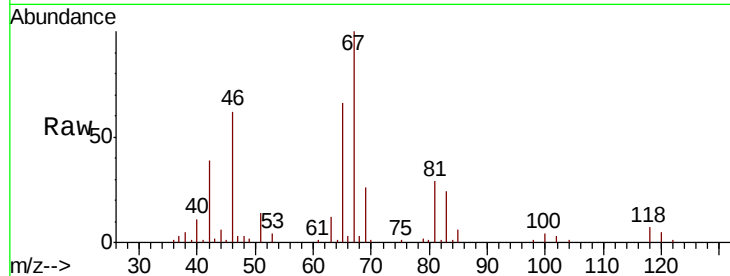




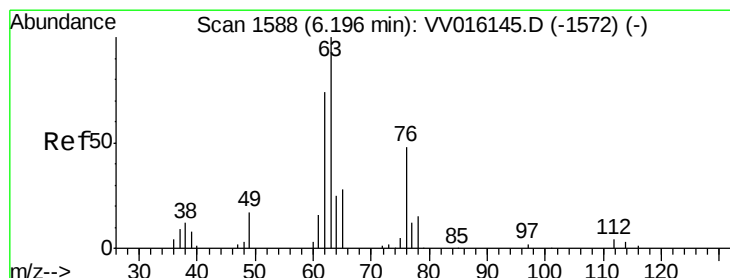
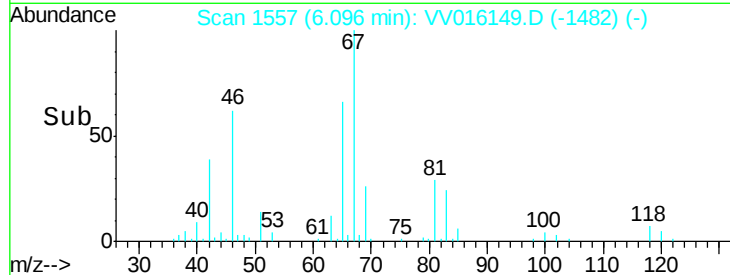
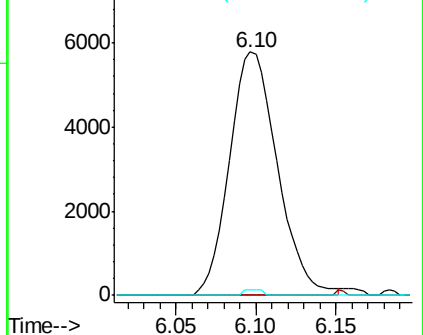
#35
Methvlcvclohexane
Concen: 0.707 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016149.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11837
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 0.9 37.9 56.9#

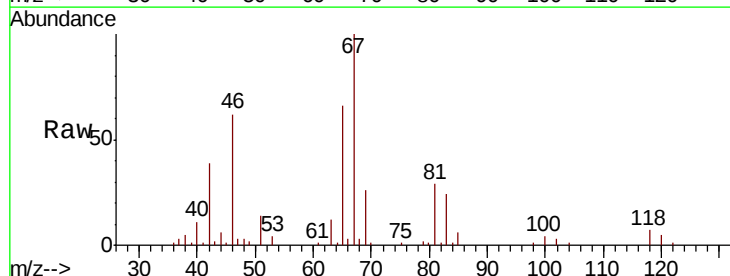


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

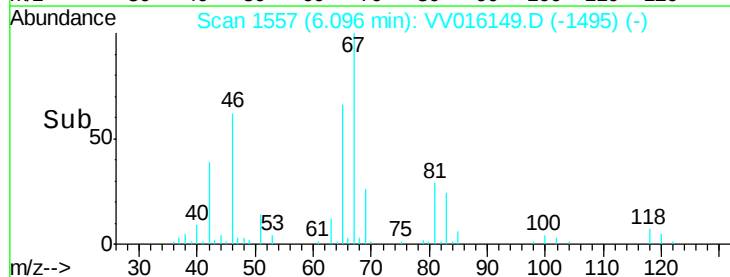
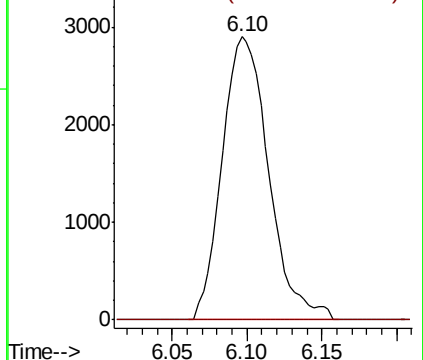


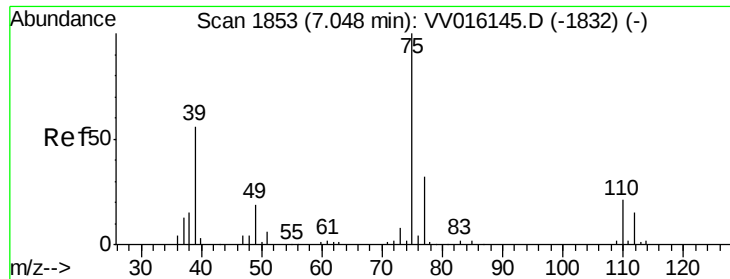
#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016149.D
Acq: 21 May 2020 13:33

Tgt Ion: 63 Resp: 6276
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

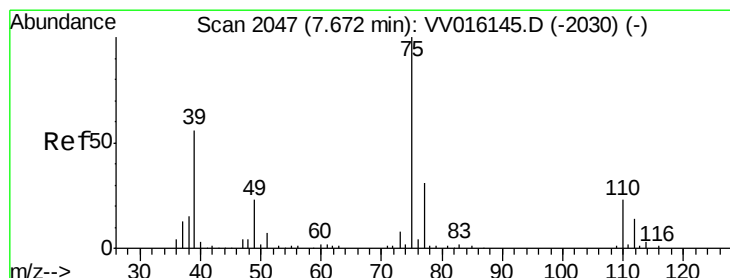
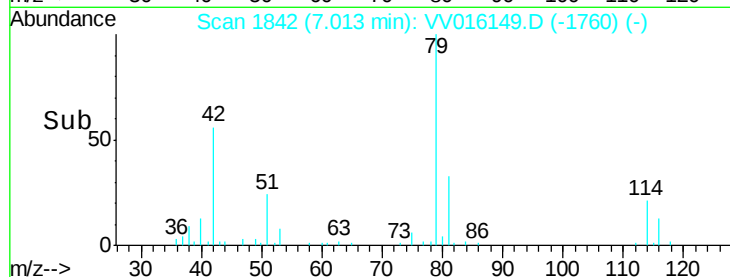
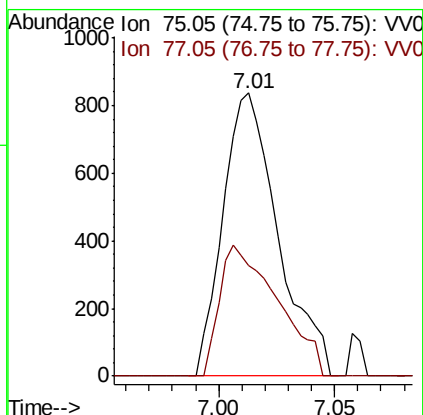
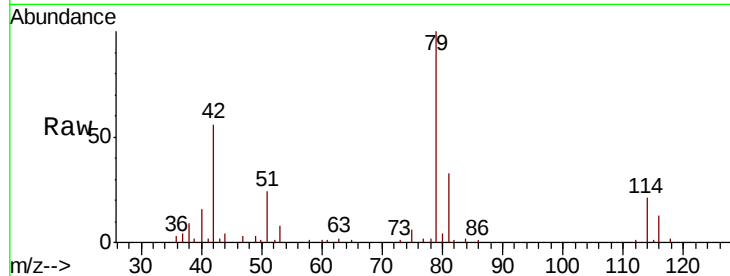




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016149.D
 Acq: 21 May 2020 13:33

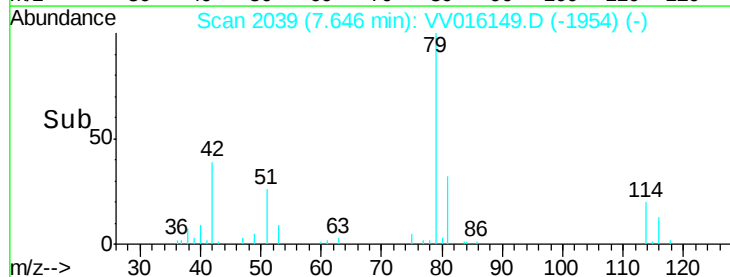
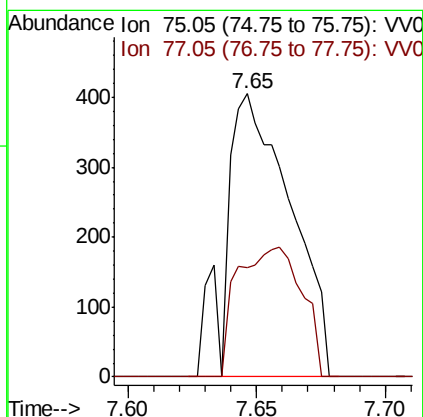
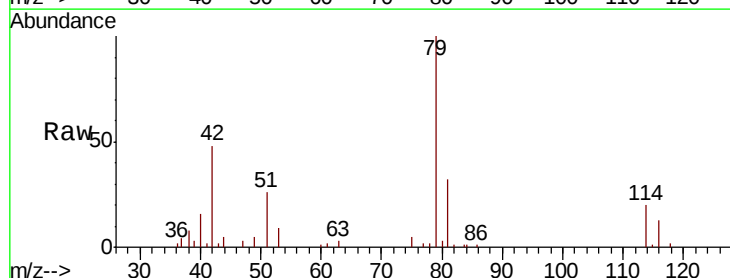
Instrument :
 MSVOA_V
 ClientSampleId :

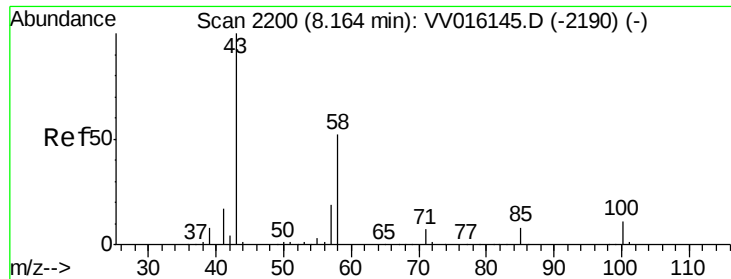
Tot Ion: 75 Resp: 1382
 Ion Ratio Lower Upper
 75 100
 77 38.9 21.3 39.5



#46
 trans-1,3-Dichloropropene
 Concen: 0.060 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016149.D
 Acq: 21 May 2020 13:33

Tgt Ion: 75 Resp: 710
 Ion Ratio Lower Upper
 75 100
 77 38.8 21.3 39.6

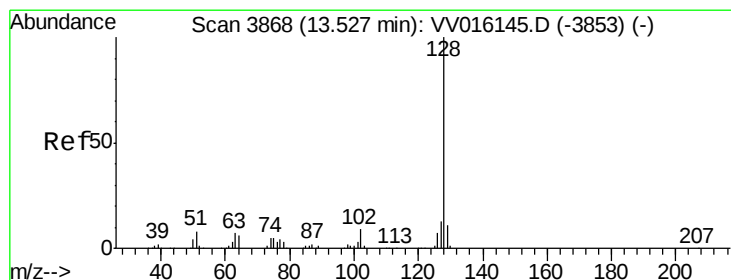
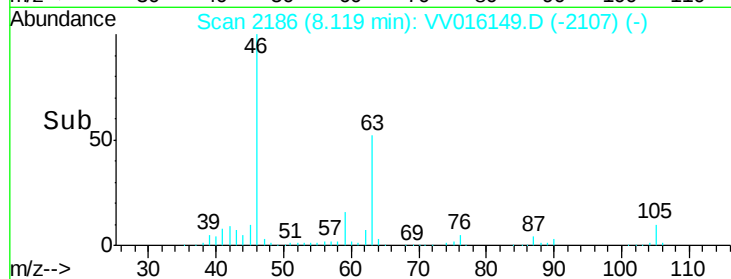
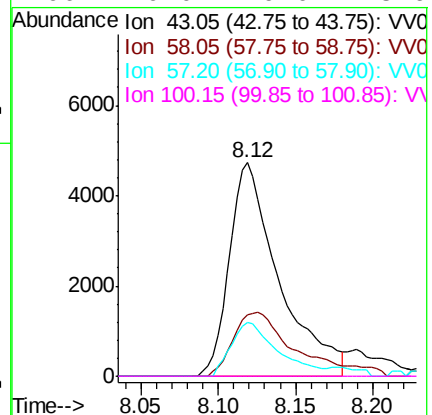
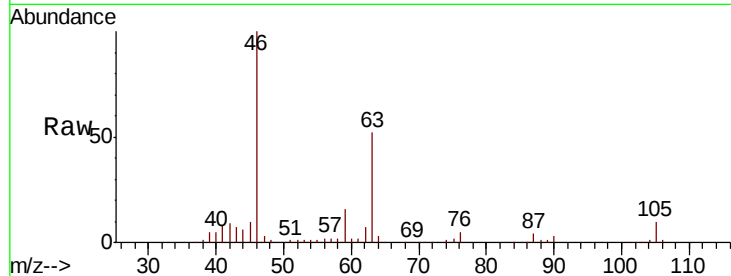




#50
2-Hexanone
Concen: 2.423 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016149.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	40.8	61.2#
57	24.1	14.7	22.1#
100	0.0	9.0	13.6#



#70
Naphthalene
Concen: 0.357 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016149.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.1	10.2	15.2

