

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016248.D
 Acq On : 27 May 2020 23:46
 Operator : SY/MD
 Sample : L2766-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	96615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	95498	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23404	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	23527	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	35219	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.83	46	3599	2.34	ug/L	-0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	4.68%#
24) Chloroform-d	4.38	84	52862	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.07	65	29805	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.08	84	107829	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	33648	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.35	98	103459	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.65	79	11976	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.12	63	56904	45.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26714	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	39223	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2396	0.283	ug/L #	74
8) Chloroethane	1.60	64	211827	44.808	ug/L	97
13) Acetone	2.24	43	9376	9.841	ug/L	98
14) Carbon disulfide	2.41	76	15023	0.850	ug/L	99
15) Methyl Acetate	2.54	43	105688	43.411	ug/L #	53
16) Methylene chloride	2.52	84	2051	0.314	ug/L #	63
17) Methyl tert-butyl Ether	2.80	73	3042	0.217	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	3128	0.502	ug/L	89
19) 1,1-Dichloroethane	3.21	63	33377	2.818	ug/L	97
21) 2-Butanone	4.07	43	19579	11.552	ug/L	84
22) cis-1,2-Dichloroethene	3.94	96	4076	0.553	ug/L	85
27) 1,2-Dichloroethane	5.14	62	333453	40.682	ug/L #	79
29) 1,1,1-Trichloroethane	4.63	97	2084	0.184	ug/L	92
30) Cyclohexane	4.69	56	47958	3.948	ug/L	99
35) Methylcyclohexane	6.15	83	60204	4.986	ug/L	98
38) Bromodichloromethane	6.59	83	732	0.088	ug/L #	26
39) cis-1,3-Dichloropropene	7.01	75	1066	0.112	ug/L #	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

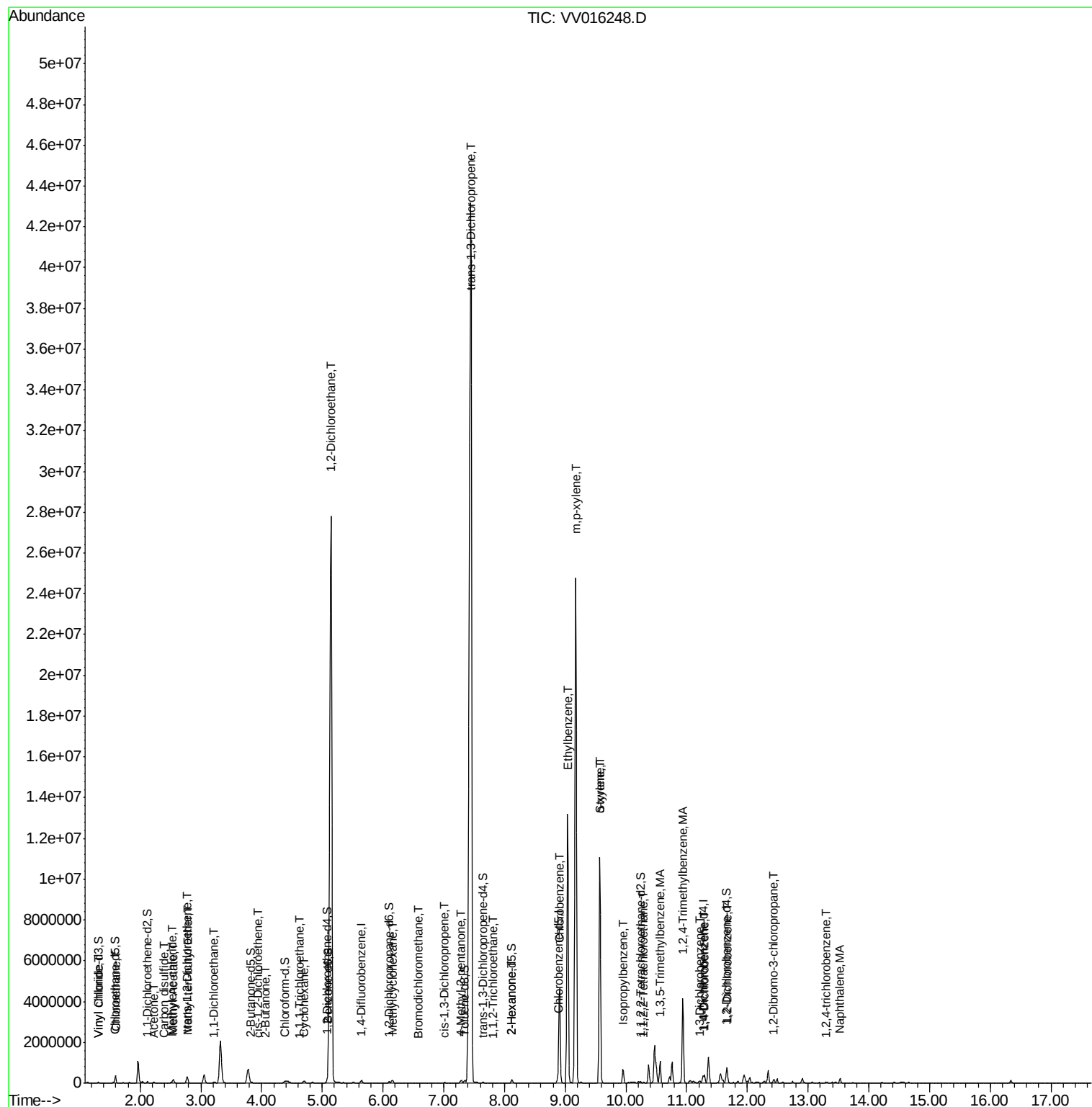
40) 4-Methyl-2-pentanone	7.28	43	115155	27.461	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	535794	19.638	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	2168332	77.163	ug/L	98
46) trans-1,3-Dichloropropene	7.45	75	460995	58.126	ug/L #	1
47) 1,1,2-Trichloroethane	7.81	97	2307	0.520	ug/L #	21
50) 2-Hexanone	8.11	43	20871	7.137	ug/L #	54
53) Chlorobenzene	8.91	112	2330991	125.872	ug/L	98
54) Ethylbenzene	9.04	91	9074125	271.632	ug/L	95
55) m,p-xylene	9.17	106	7329680	585.139	ug/L	85
56) o-xylene	9.57	106	2797992	234.392	ug/L	93
57) Styrene	9.57	104	144185	7.258	ug/L #	1
58) Isopropylbenzene	9.95	105	413895	12.658	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.28	83	1079	0.196	ug/L #	25
63) 1,3-Dichlorobenzene	11.21	146	18982	1.253	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	141993	9.222	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	194178	14.177	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.44	75	751	0.812	ug/L #	9
69) 1,2,4-trichlorobenzene	13.28	180	1184	0.126	ug/L #	72
70) Naphthalene	13.52	128	172263	8.374	ug/L	99

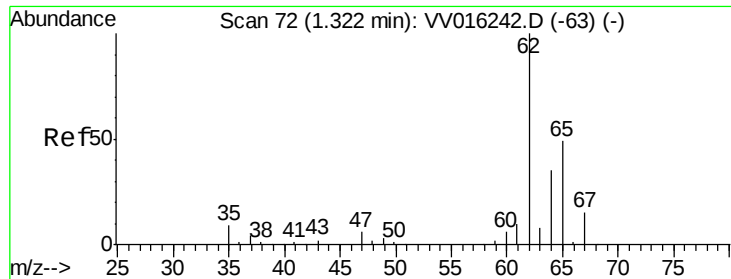
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.283 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

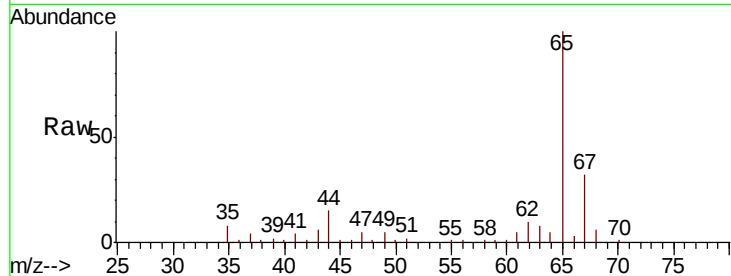
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 2396

Ion Ratio Lower Upper

62 100

64 45.9 22.1 41.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

2500

2000

1500

1000

500

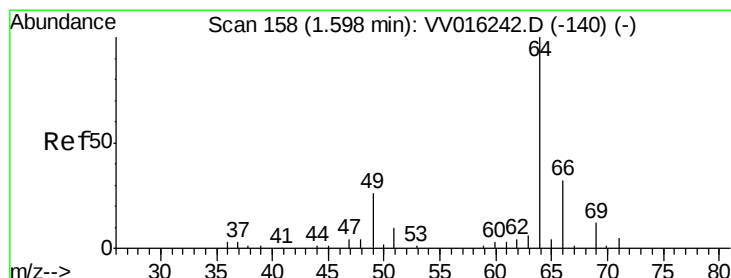
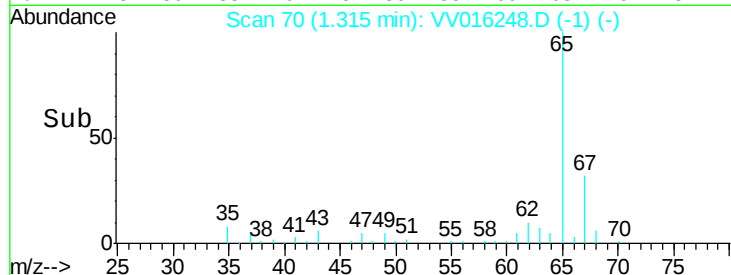
0

1.30

1.32

1.35

Time-->



#8

Chloroethane

Concen: 44.808 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV016248.D

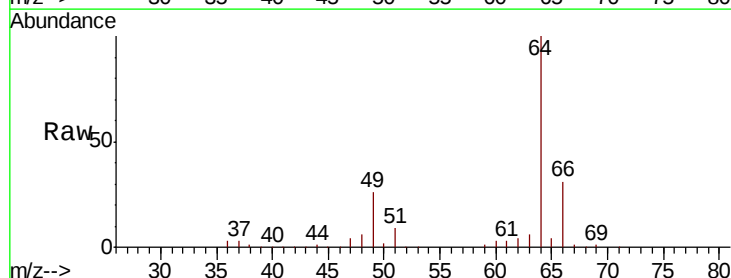
Acq: 27 May 2020 23:46

Tgt Ion: 64 Resp: 211827

Ion Ratio Lower Upper

64 100

66 30.9 22.9 42.5



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

200000

150000

100000

50000

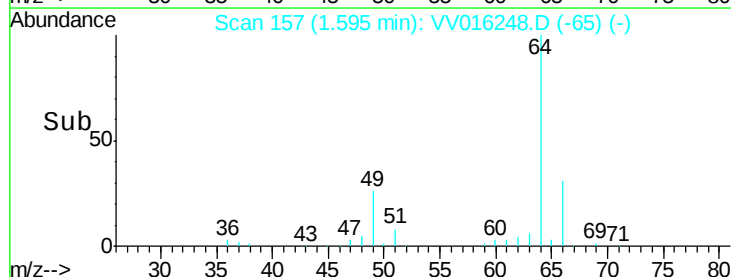
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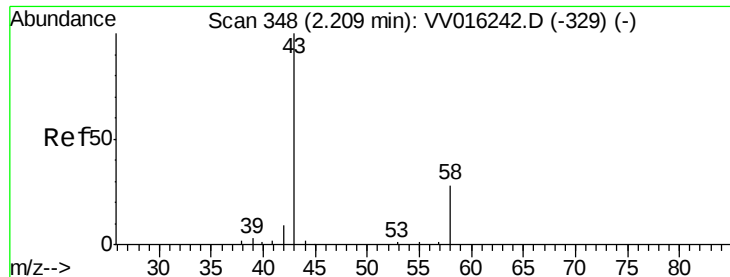
1.55

1.60

1.65

Time-->





#13

Acetone

Concen: 9.841 ug/L

RT: 2.24 min Scan# 358

Delta R.T. 0.03 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :

MSVOA_V

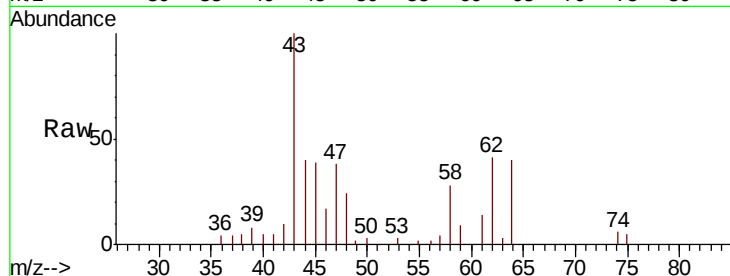
ClientSampled :

Tot Ion: 43 Resp: 9376

Ion Ratio Lower Upper

43 100

58 25.4 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.24

4000

3000

2000

1000

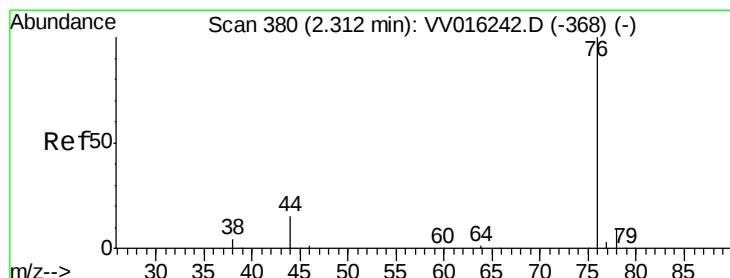
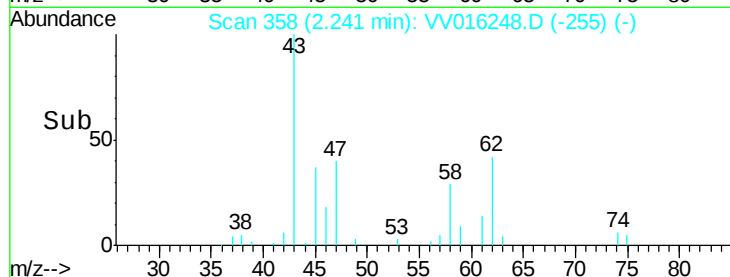
0

2.15

2.20

2.25

Time-->



#14

Carbon disulfide

Concen: 0.850 ug/L

RT: 2.41 min Scan# 410

Delta R.T. 0.10 min

Lab File: VV016248.D

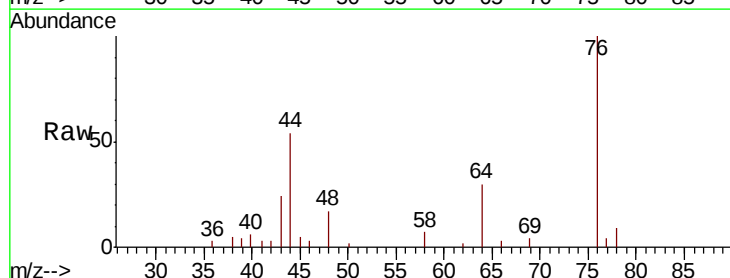
Acq: 27 May 2020 23:46

Tgt Ion: 76 Resp: 15023

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.41

5000

4000

3000

2000

1000

0

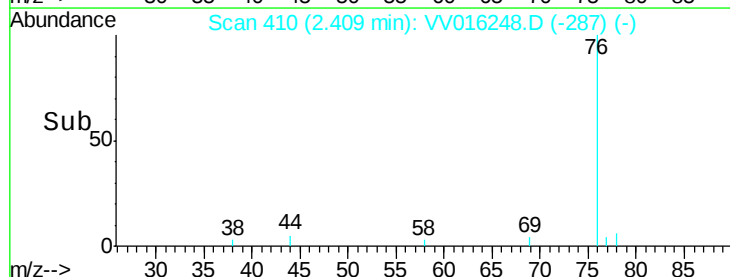
2.30

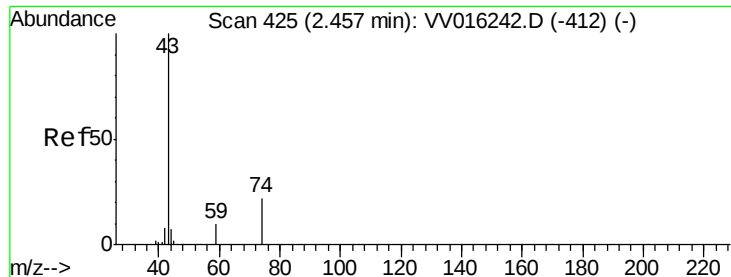
2.35

2.40

2.45

Time-->





#15

Methvl Acetate

Concen: 43.411 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.09 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :

MSVOA_V

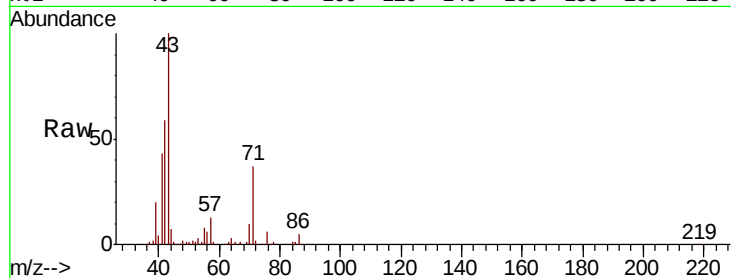
ClientSampled :

Tot Ion: 43 Resp: 105688

Ion Ratio Lower Upper

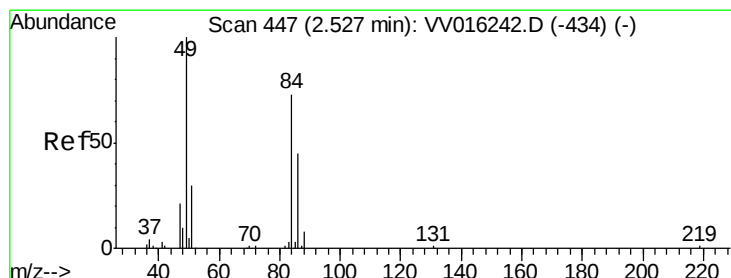
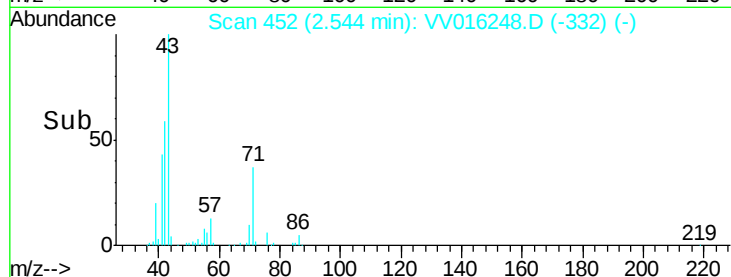
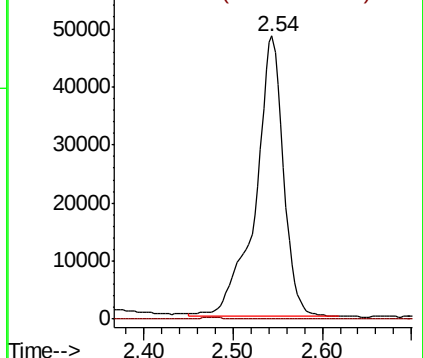
43 100

74 0.1 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.314 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

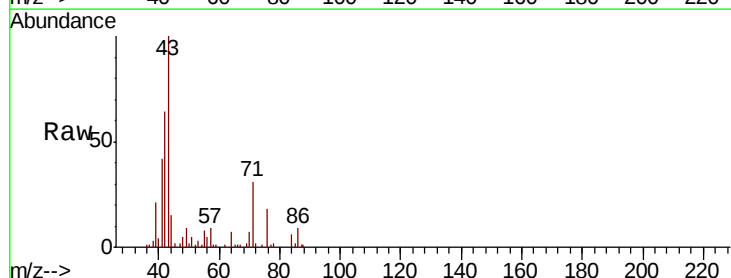
Tgt Ion: 84 Resp: 2051

Ion Ratio Lower Upper

84 100

86 146.2 44.9 83.5#

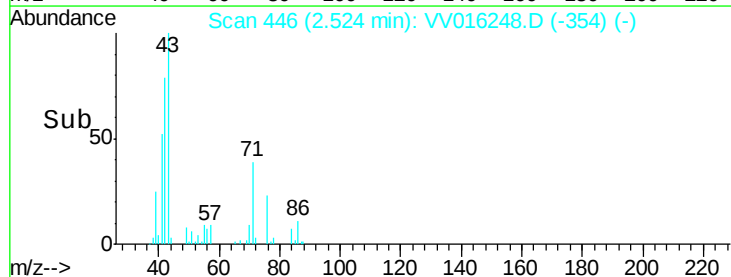
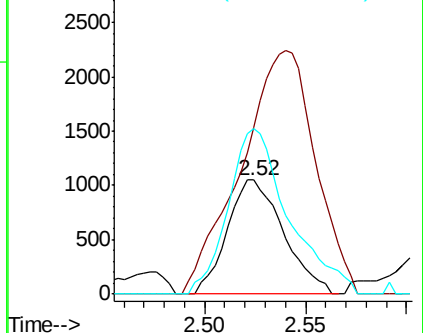
49 144.6 96.7 179.7

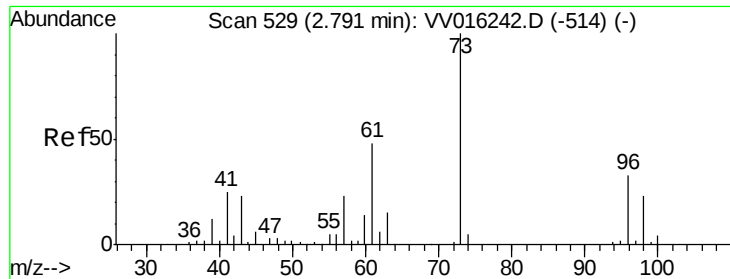


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

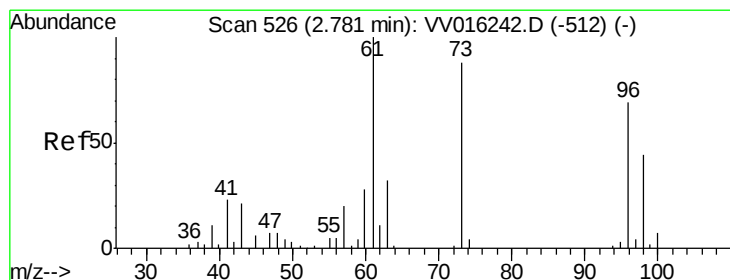
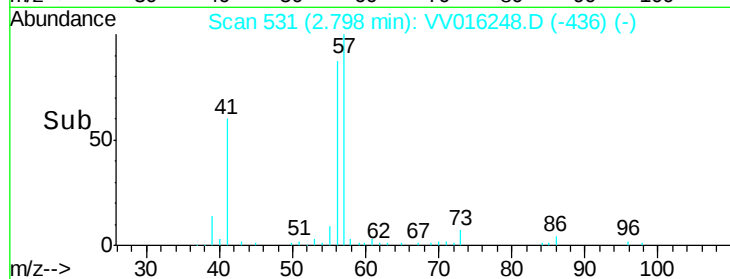
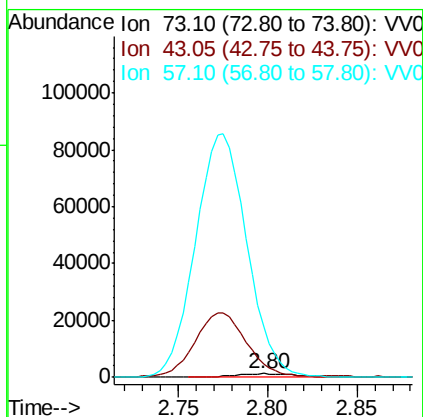
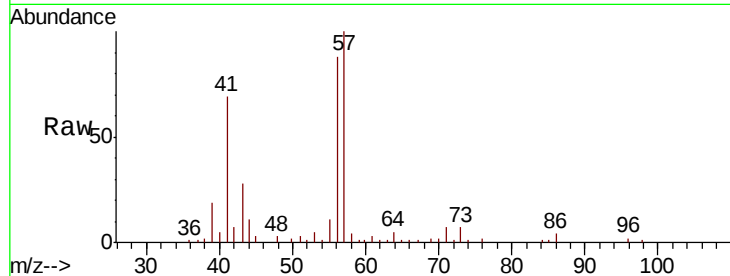




#17
Methvl tert-butvl Ether
Concen: 0.217 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.01 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

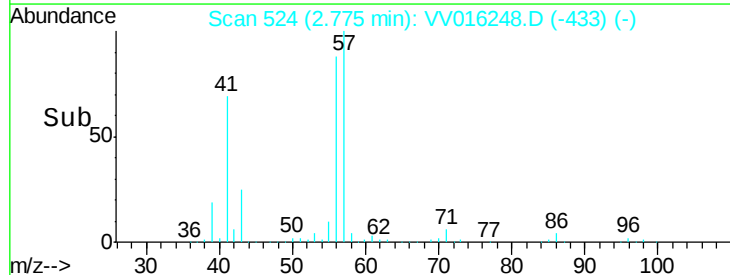
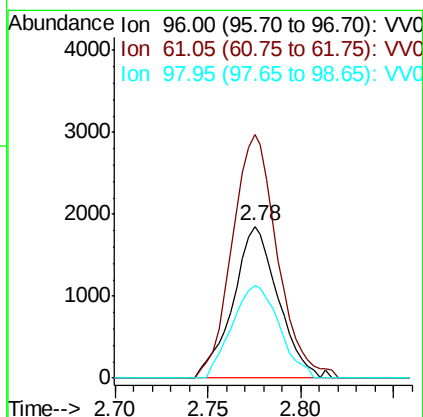
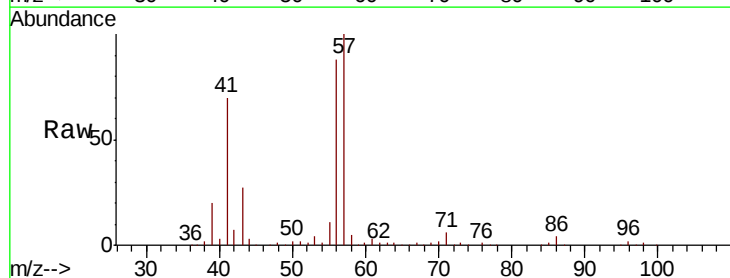
Instrument :
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ClientSampled :

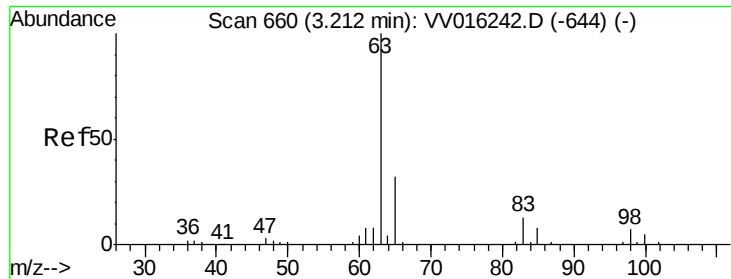
Tot Ion: 73 Resp: 3042
Ion Ratio Lower Upper
73 100
43 1469.1 17.8 26.8#
57 5664.7 18.9 28.3#



#18
trans-1,2-Dichloroethene
Concen: 0.502 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

Tgt Ion: 96 Resp: 3128
Ion Ratio Lower Upper
96 100
61 160.6 99.8 185.4
98 61.5 44.0 81.6

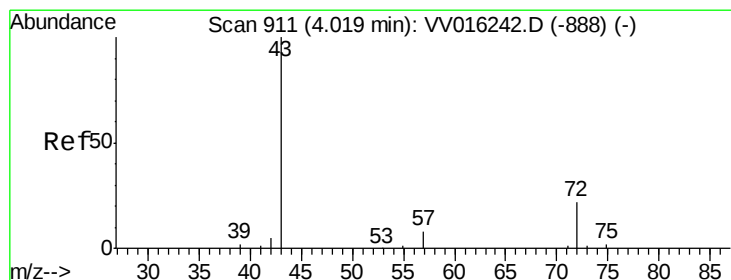
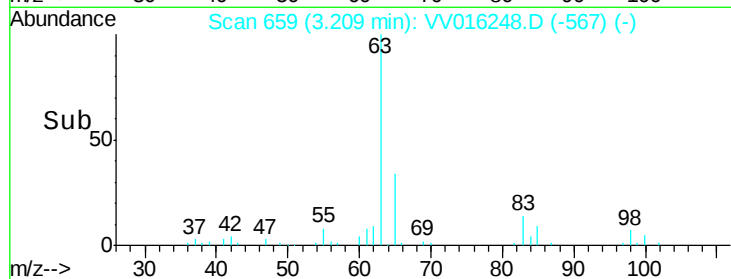
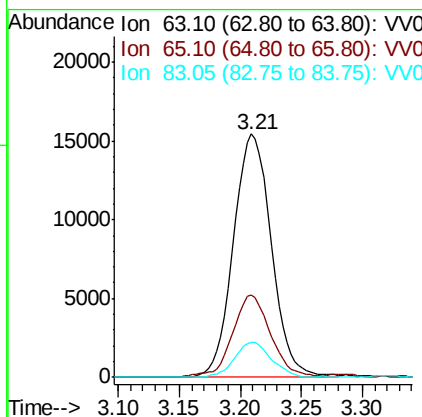
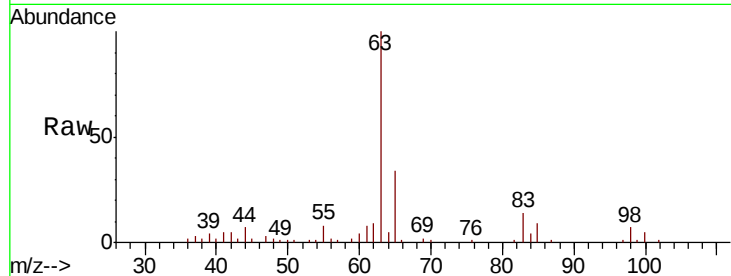




#19
 1,1-Dichloroethane
 Concen: 2.818 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

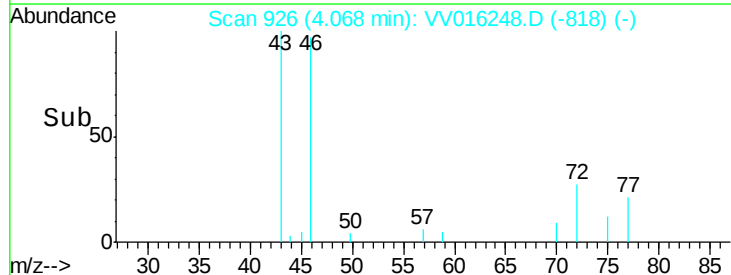
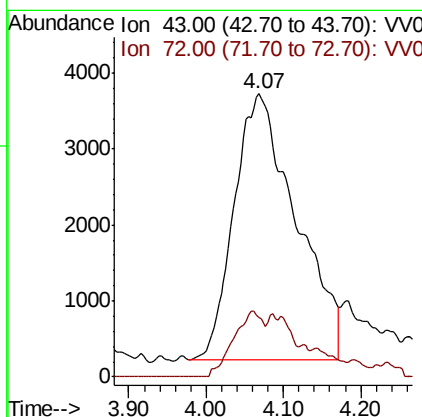
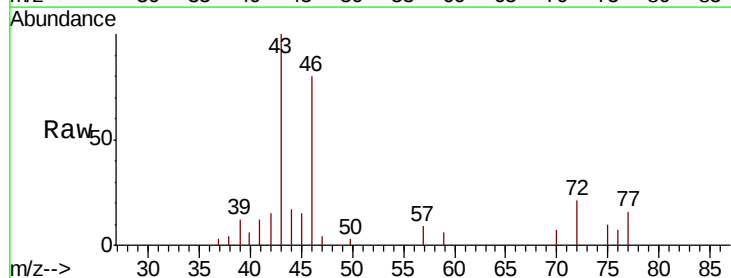
Instrument :
 MSVOA_V
 ClientSampleId :

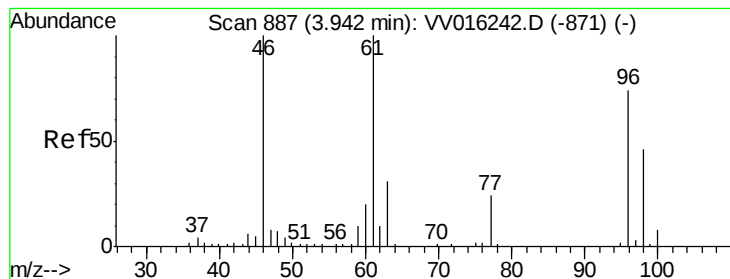
Tot Ion: 63 Resp: 33377
 Ion Ratio Lower Upper
 63 100
 65 34.0 22.3 41.5
 83 14.4 9.4 17.4



#21
 2-Butanone
 Concen: 11.552 ug/L
 RT: 4.07 min Scan# 926
 Delta R.T. 0.05 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

Tgt Ion: 43 Resp: 19579
 Ion Ratio Lower Upper
 43 100
 72 11.9 9.7 28.9





#22

cis-1,2-Dichloroethene

Concen: 0.553 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.01 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :
MSVOA_V
ClientSampleId :

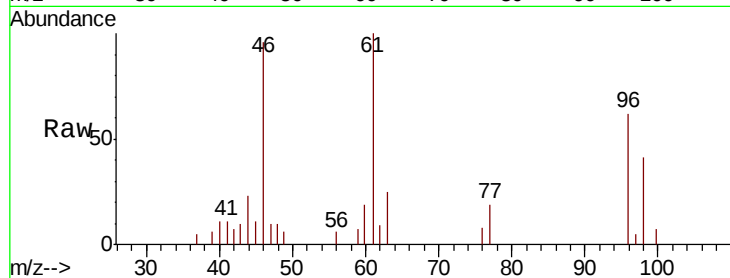
Tot Ion: 96 Resp: 4076

Ion Ratio Lower Upper

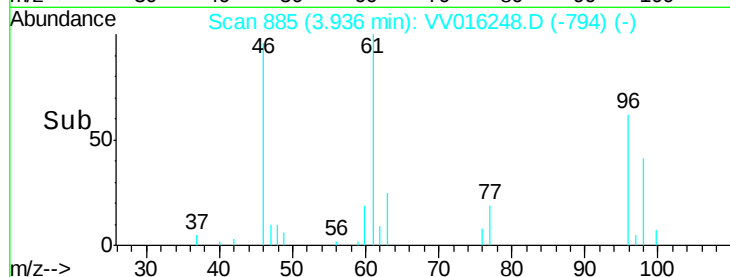
96 100

61 161.0 99.7 185.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016248.D (-794) (-)

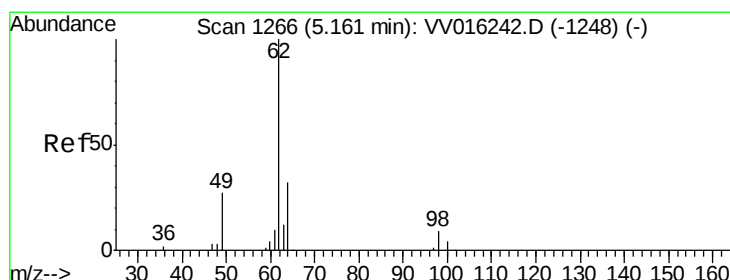


Ion 61.05 (60.75 to 61.75): VV016248.D (-794) (-)

Ion 68.15 (67.85 to 68.85): VV016248.D (-794) (-)

Time-->

3.85 3.90 3.95 4.00



#27

1,2-Dichloroethane

Concen: 40.682 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.02 min

Lab File: VV016248.D

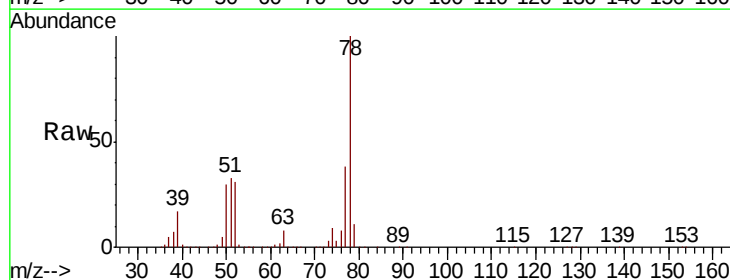
Acq: 27 May 2020 23:46

Tgt Ion: 62 Resp: 333453

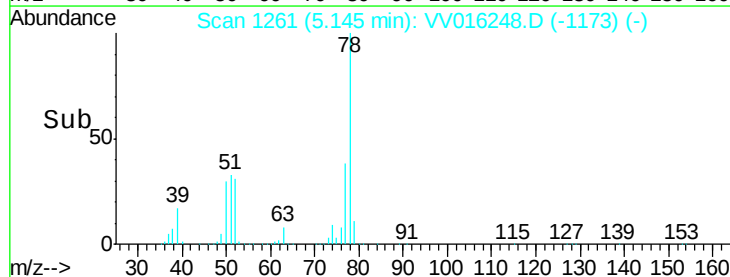
Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#



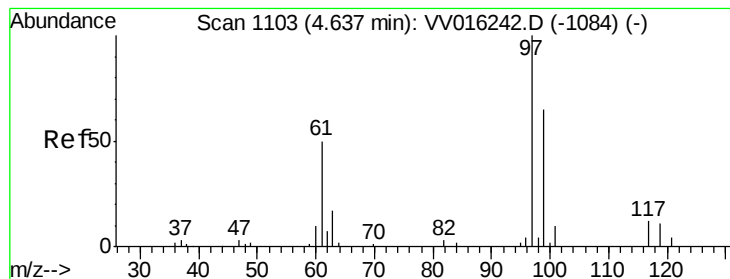
Abundance Ion 62.00 (61.70 to 62.70): VV016248.D (-1173) (-)



Ion 98.05 (97.75 to 98.75): VV016248.D (-1173) (-)

Time-->

5.00 5.10 5.20



#29

1,1,1-Trichloroethane

Concen: 0.184 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :

MSVOA_V

ClientSampleId :

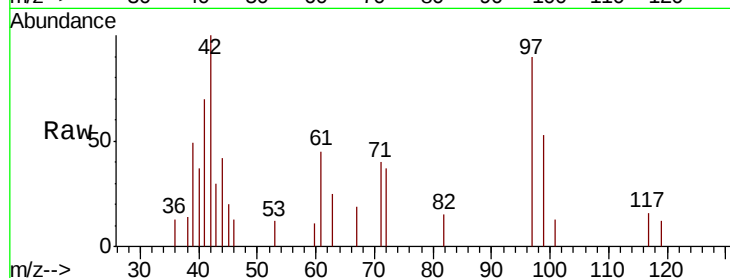
Tot Ion: 97 Resp: 2084

Ion Ratio Lower Upper

97 100

99 57.0 51.2 76.8

61 53.4 38.6 57.8

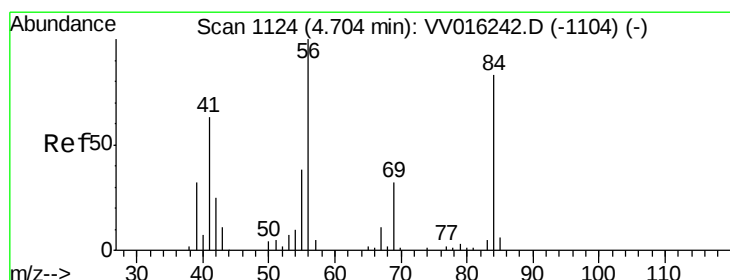
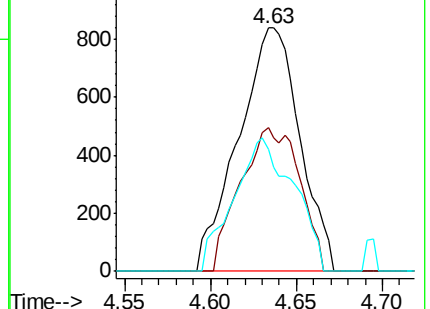
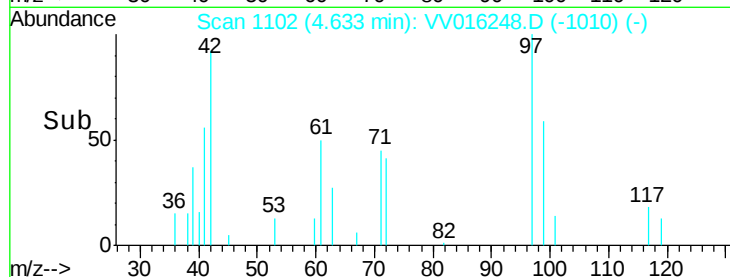


Abundance Ion 96.95 (96.65 to 97.65): VV016248.D (-1084) (-)

Ion 99.05 (98.75 to 99.75): VV016248.D (-1084) (-)

Ion 61.05 (60.75 to 61.75): VV016248.D (-1084) (-)

Time-->



#30

Cyclohexane

Concen: 3.948 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

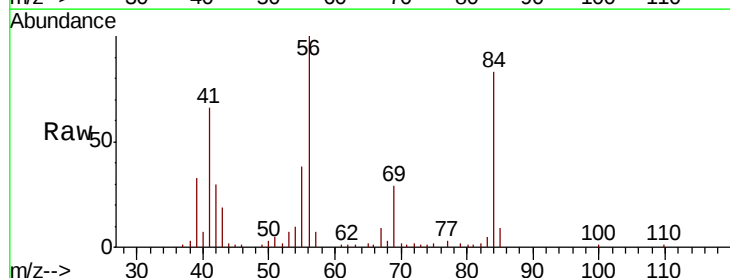
Tgt Ion: 56 Resp: 47958

Ion Ratio Lower Upper

56 100

69 29.2 24.6 36.8

84 84.2 67.1 100.7

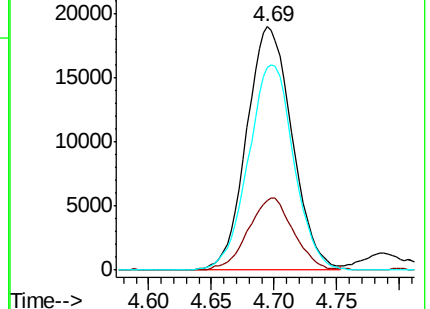
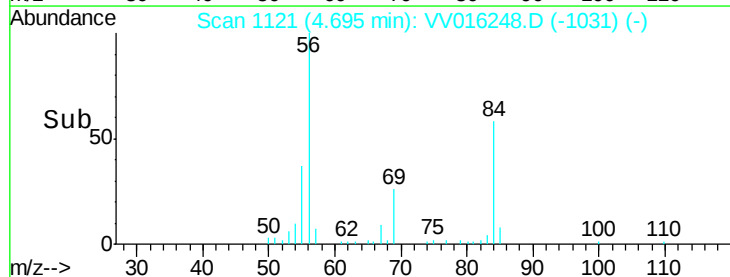


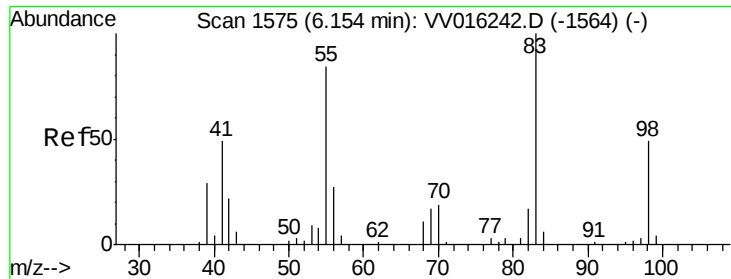
Abundance Ion 56.10 (55.80 to 56.80): VV016248.D (-1031) (-)

Ion 69.15 (68.85 to 69.85): VV016248.D (-1031) (-)

Ion 84.15 (83.85 to 84.85): VV016248.D (-1031) (-)

Time-->

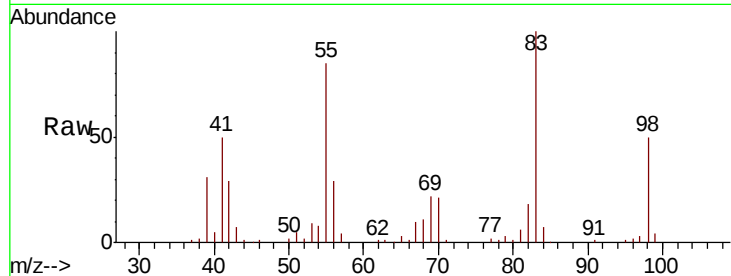




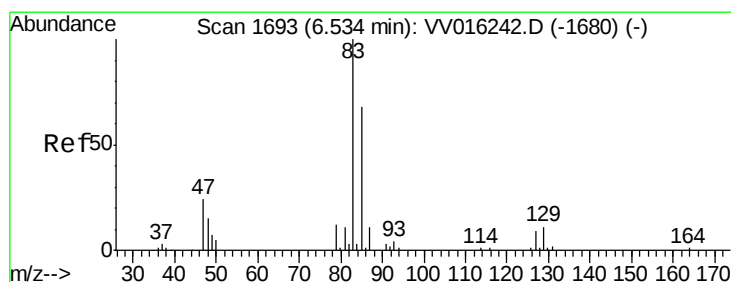
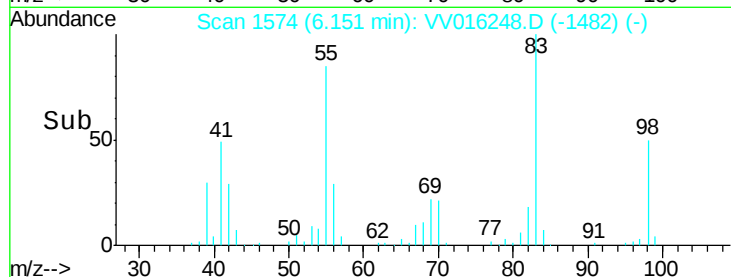
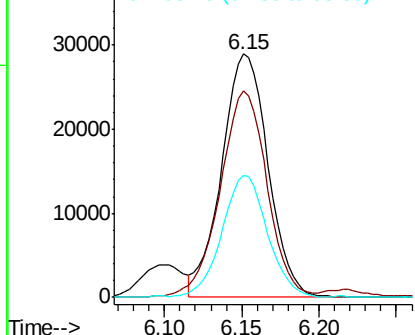
#35
Methvlcvclohexane
Concen: 4.986 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 60204
Ion Ratio Lower Upper
83 100
55 85.0 65.4 98.0
98 49.0 39.3 58.9

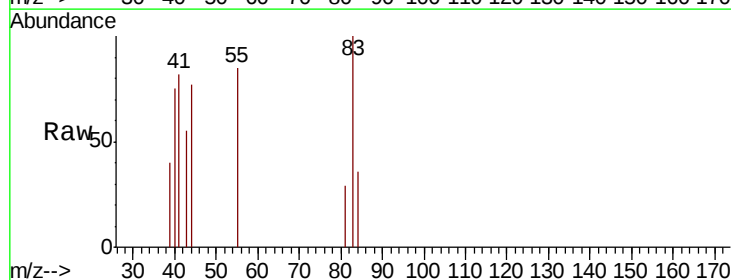


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

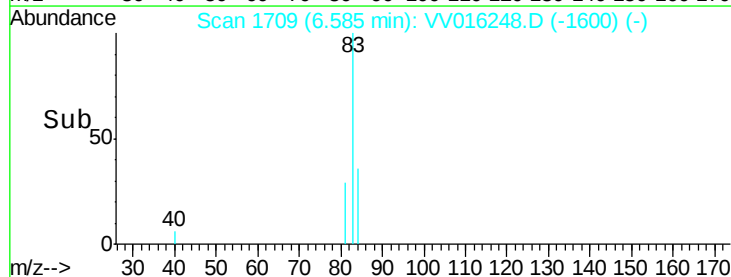
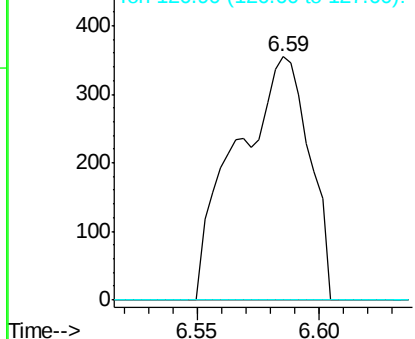


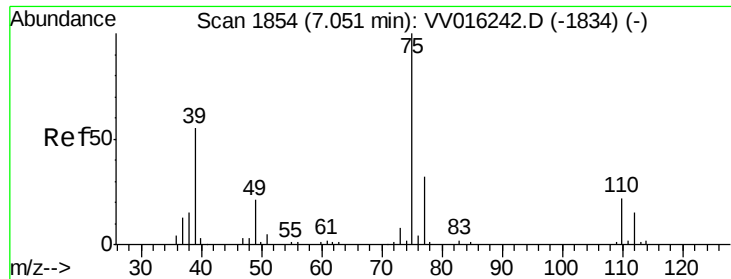
#38
Bromodichloromethane
Concen: 0.088 ug/L
RT: 6.59 min Scan# 1709
Delta R.T. 0.05 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

Tgt Ion: 83 Resp: 732
Ion Ratio Lower Upper
83 100
85 0.0 44.2 82.2#
127 0.0 7.1 10.7#



Abundance Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0
Ion 126.90 (126.60 to 127.60): V

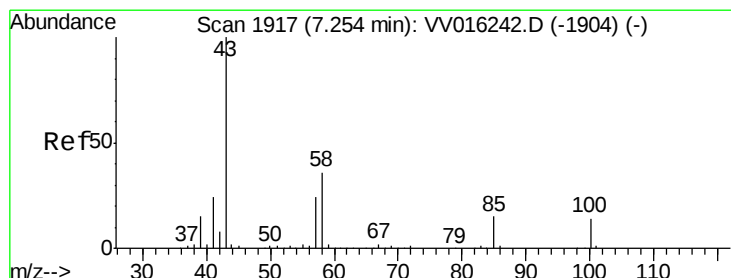
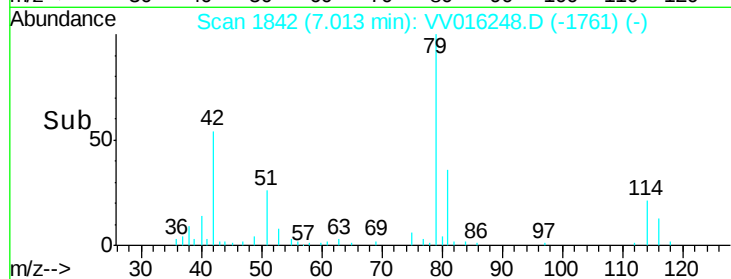
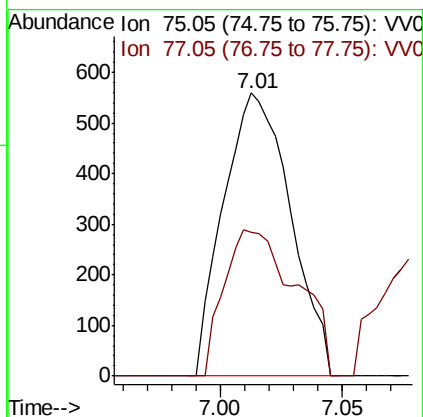
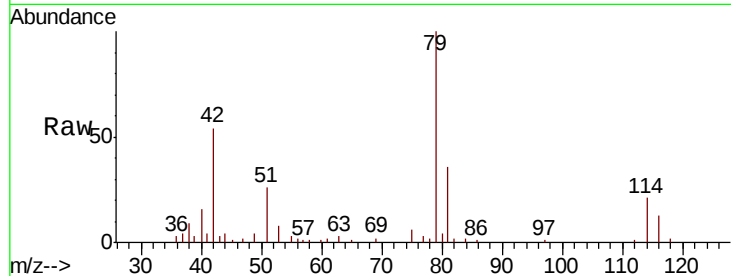




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

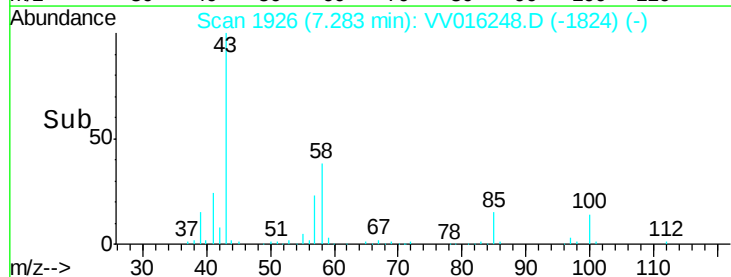
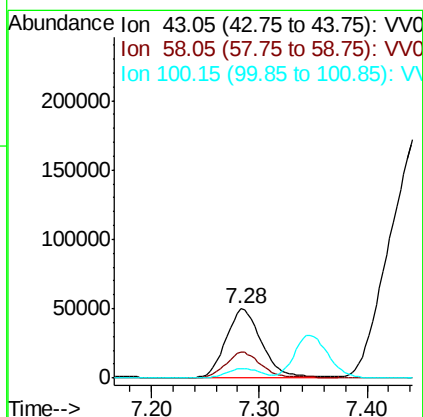
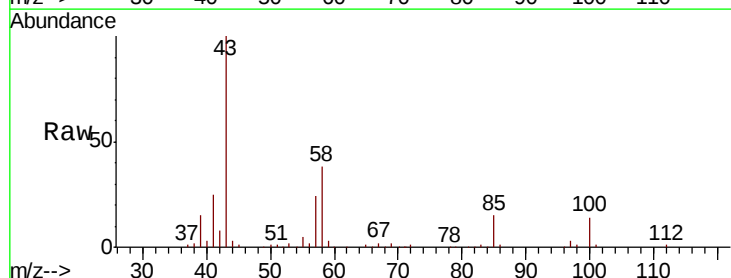
Instrument :
 MSVOA_V
 ClientSampled :

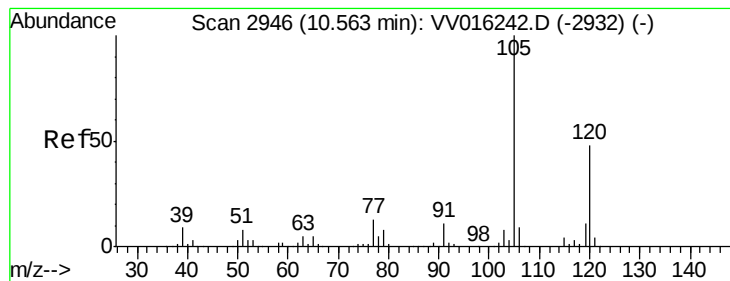
Tot Ion: 75 Resp: 1066
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.7 40.3#



#40
 4-Methyl-2-pentanone
 Concen: 27.461 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.03 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

Tgt Ion: 43 Resp: 115155
 Ion Ratio Lower Upper
 43 100
 58 38.5 29.5 44.3
 100 13.2 11.1 16.7





#43

1,3,5-Trimethylbenzene

Concen: 19.638 ug/L

RT: 10.56 min Scan# 2946

Delta R.T. 0.00 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :

MSVOA_V

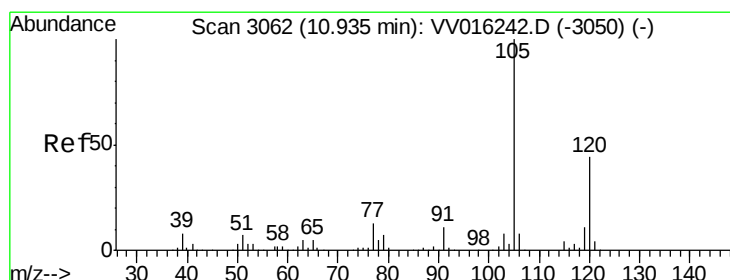
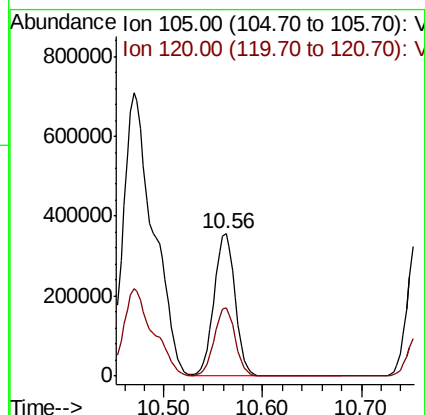
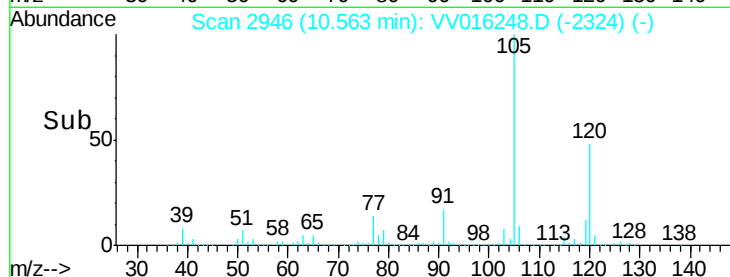
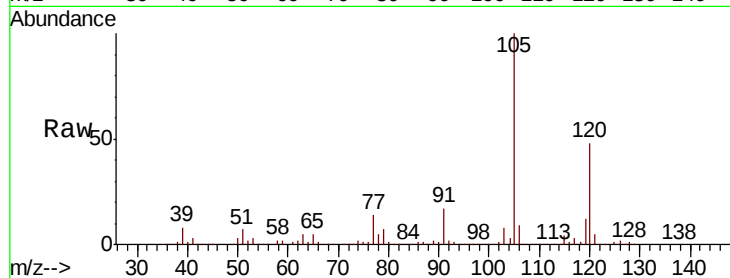
ClientSampled :

Tot Ion:105 Resp: 535794

Ion Ratio Lower Upper

105 100

120 47.4 37.4 56.0



#44

1,2,4-Trimethylbenzene

Concen: 77.163 ug/L

RT: 10.94 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VV016248.D

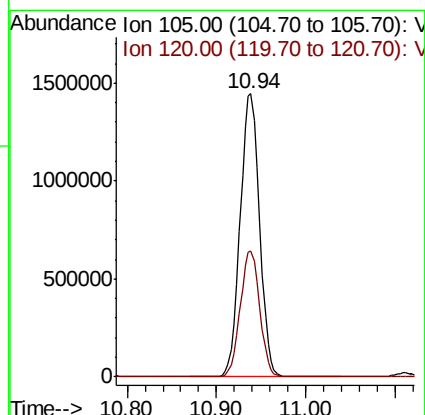
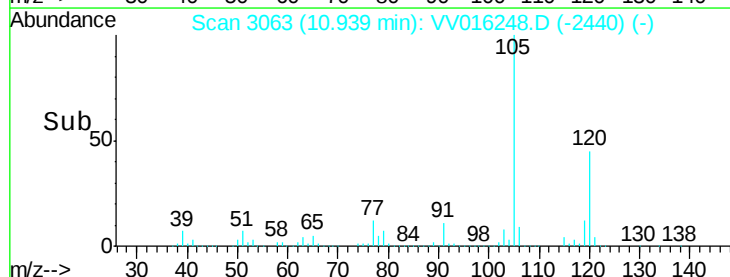
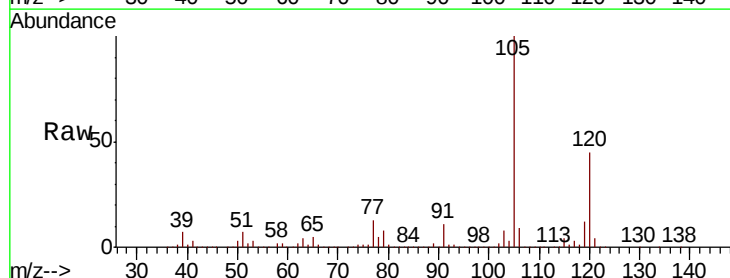
Acq: 27 May 2020 23:46

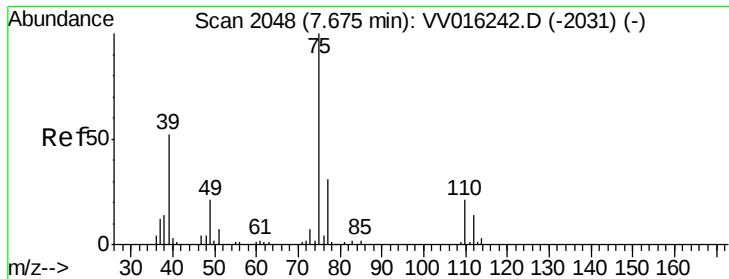
Tgt Ion:105 Resp: 2168332

Ion Ratio Lower Upper

105 100

120 44.7 34.6 52.0





#46

trans-1,3-Dichloropropene

Concen: 58.126 ug/L

RT: 7.45 min Scan# 1977

Delta R.T. -0.23 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :

MSVOA_V

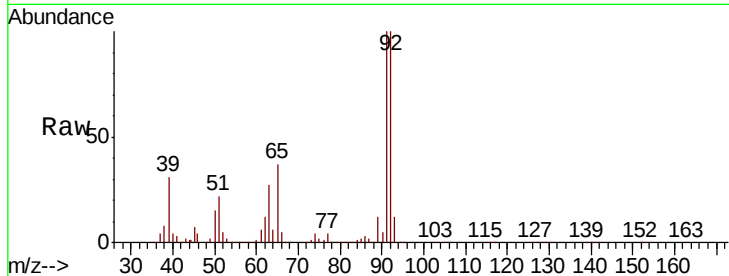
ClientSampled :

Tot Ion: 75 Resp: 460995

Ion Ratio Lower Upper

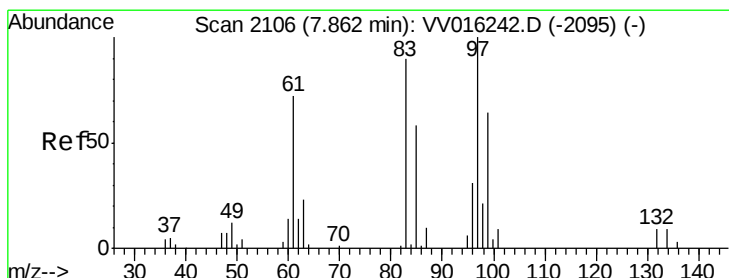
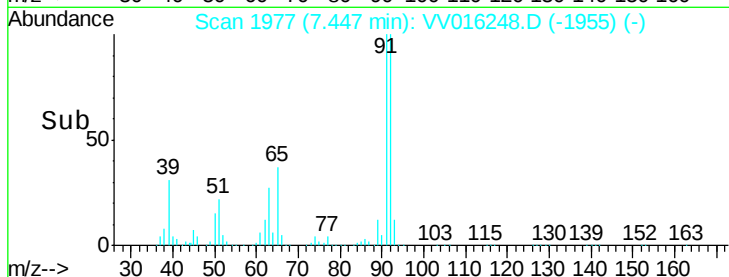
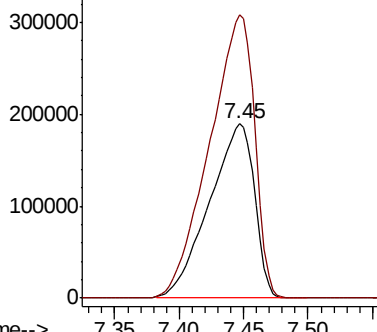
75 100

77 162.4 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

1,1,2-Trichloroethane

Concen: 0.520 ug/L

RT: 7.81 min Scan# 2090

Delta R.T. -0.05 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Tgt Ion: 97 Resp: 2307

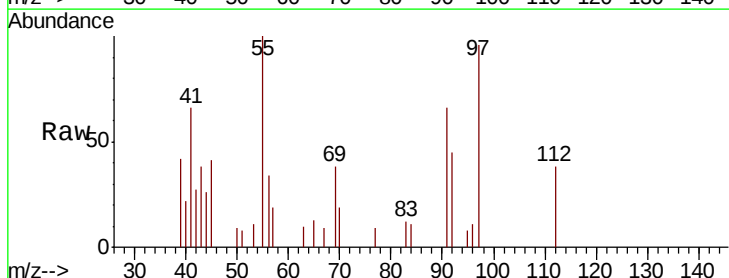
Ion Ratio Lower Upper

97 100

99 0.0 40.8 75.8#

83 12.4 60.0 111.4#

85 0.0 39.3 73.1#

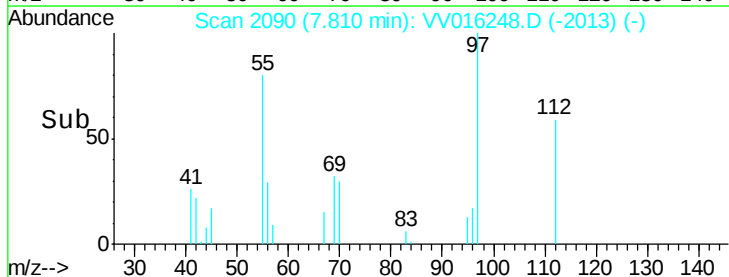
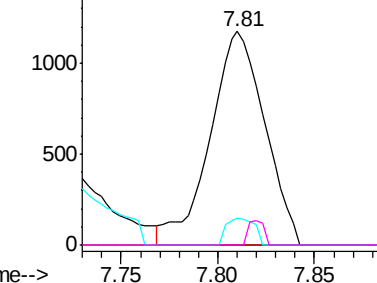


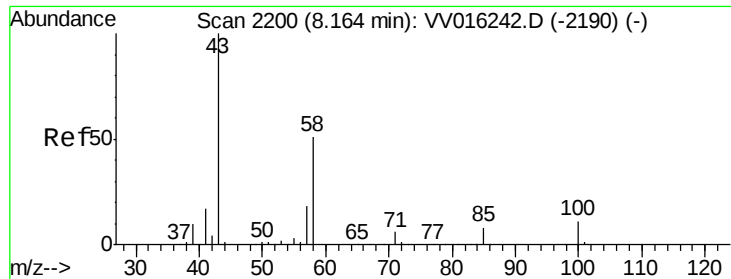
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

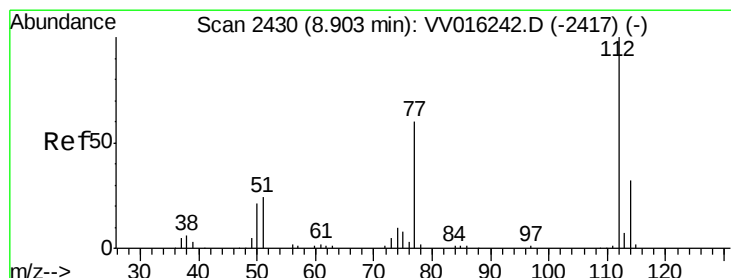
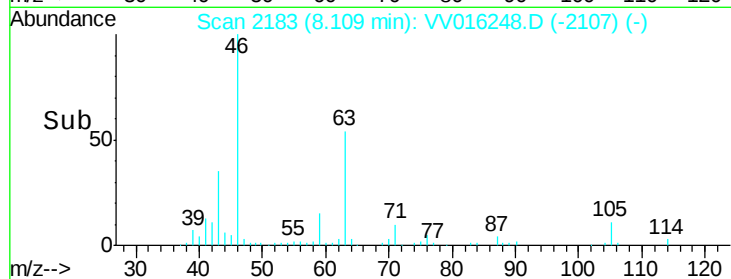
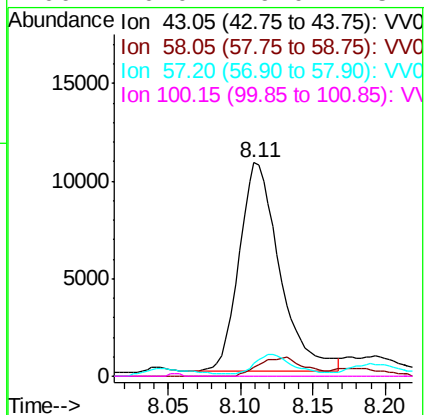
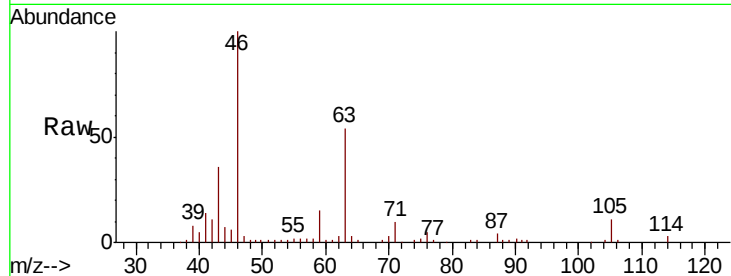




#50
2-Hexanone
Concen: 7.137 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

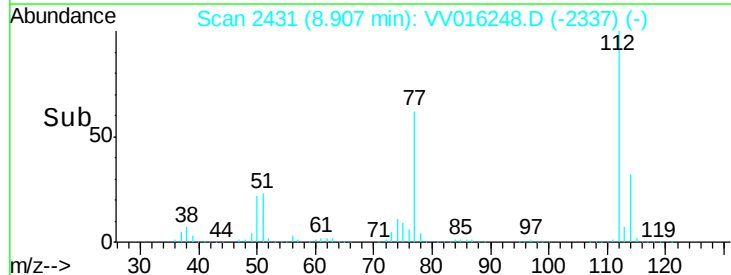
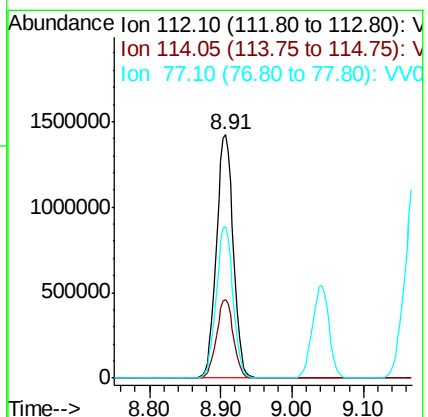
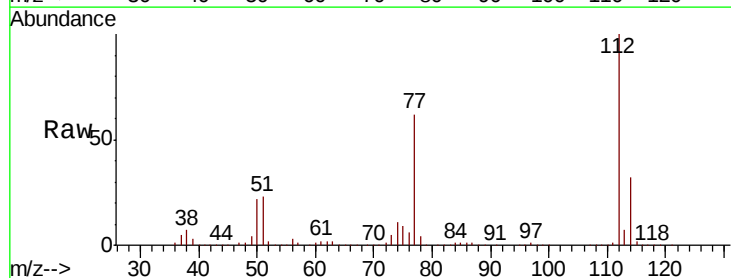
Instrument :
MSVOA_V
ClientSampleId :

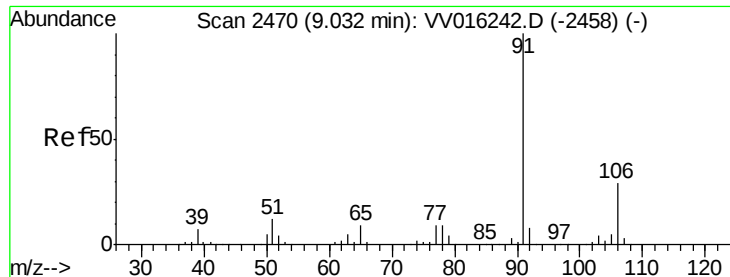
Tot Ion: 43 Resp: 20871
Ion Ratio Lower Upper
43 100
58 10.4 41.4 62.0#
57 8.8 15.0 22.4#
100 0.0 9.0 13.4#



#53
Chlorobenzene
Concen: 125.872 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

Tgt Ion: 112 Resp: 2330991
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.3
77 62.1 50.7 76.1





#54

Ethylbenzene

Concen: 271.632 ug/L

RT: 9.04 min Scan# 2473

Delta R.T. 0.01 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

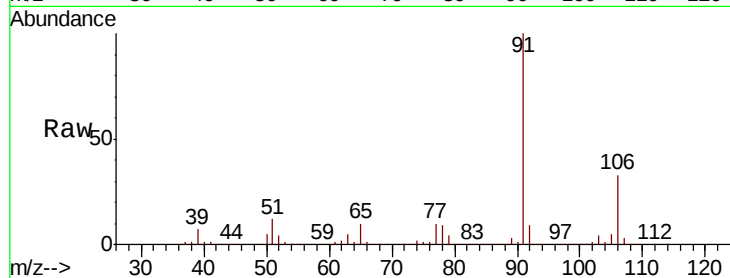
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 9074125

Ion Ratio Lower Upper

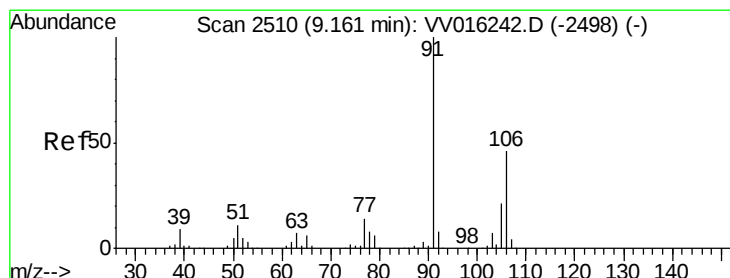
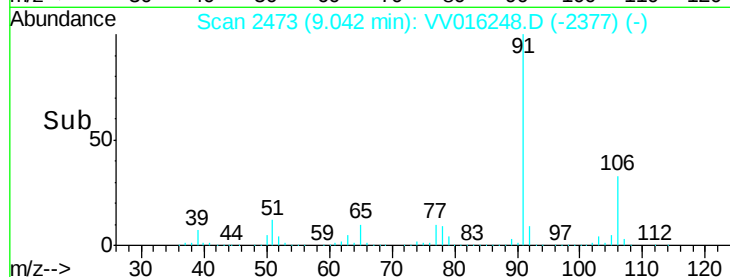
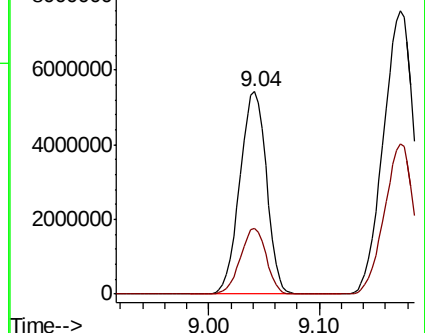
91 100

106 32.5 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016248.D (-2458) (-)

Ion 106.15 (105.85 to 106.85): VV016248.D (-2458) (-)



#55

m,p-xylene

Concen: 585.139 ug/L

RT: 9.17 min Scan# 2514

Delta R.T. 0.01 min

Lab File: VV016248.D

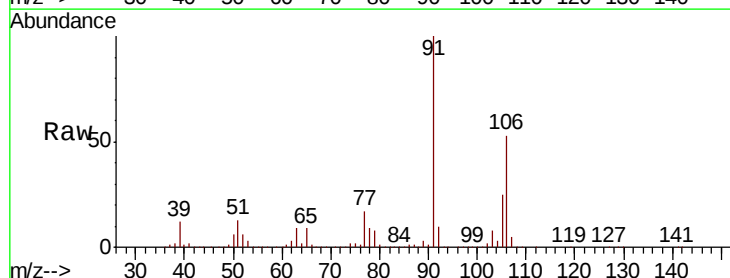
Acq: 27 May 2020 23:46

Tgt Ion:106 Resp: 7329680

Ion Ratio Lower Upper

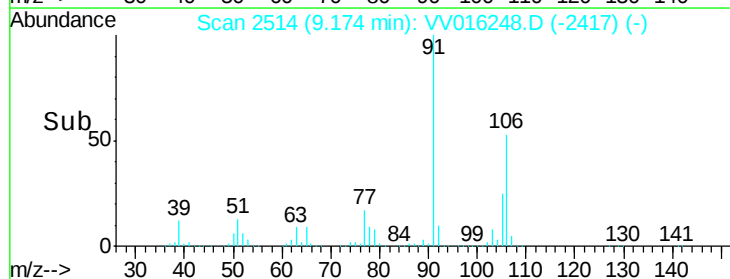
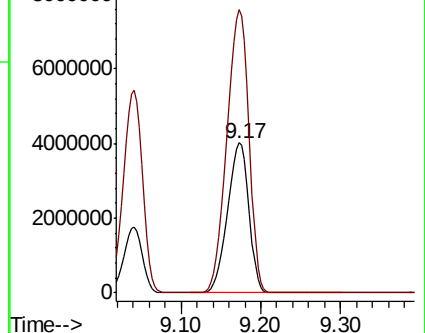
106 100

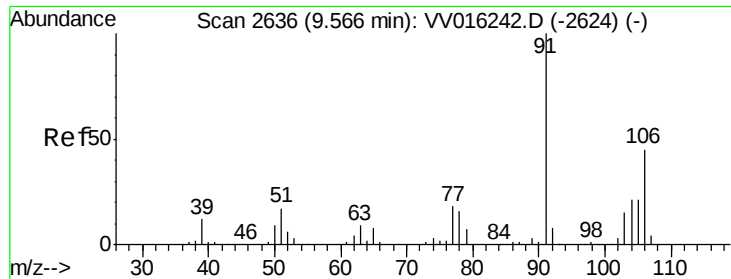
91 188.5 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016248.D (-2498) (-)

Ion 91.15 (90.85 to 91.85): VV016248.D (-2498) (-)

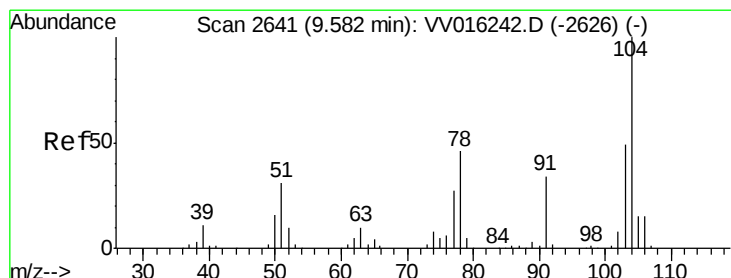
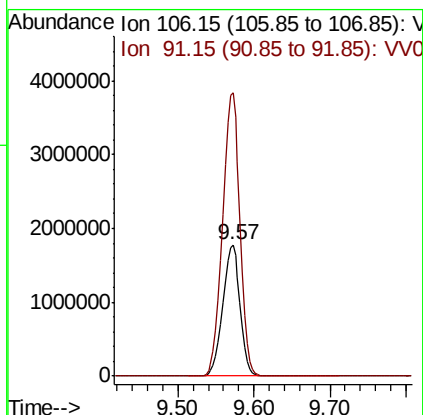
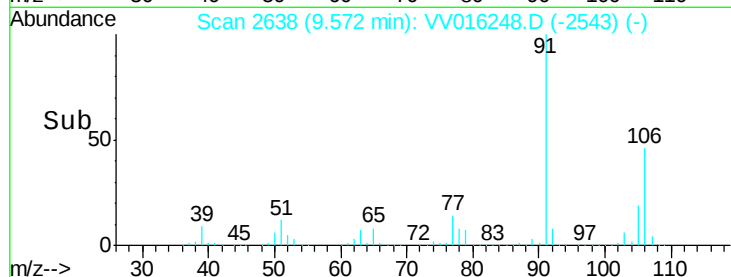
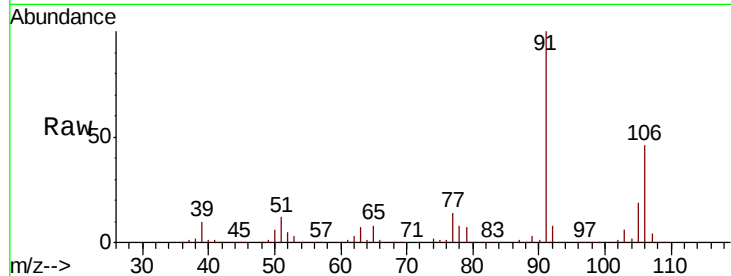




#56
o-xylene
Concen: 234.392 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. 0.01 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

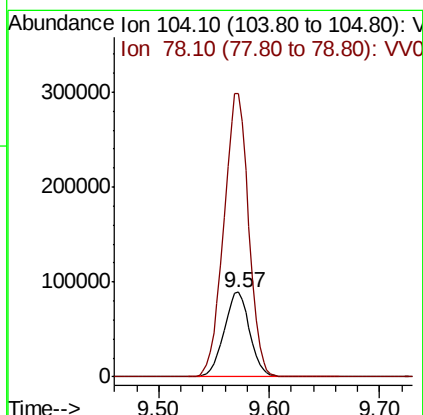
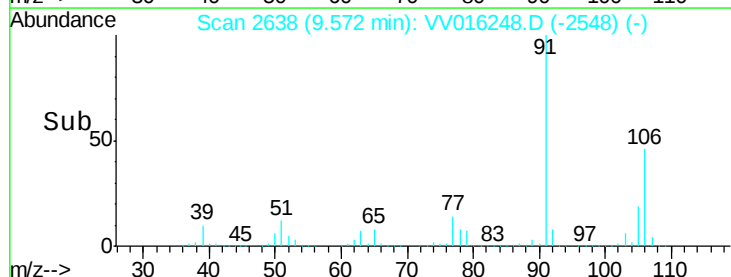
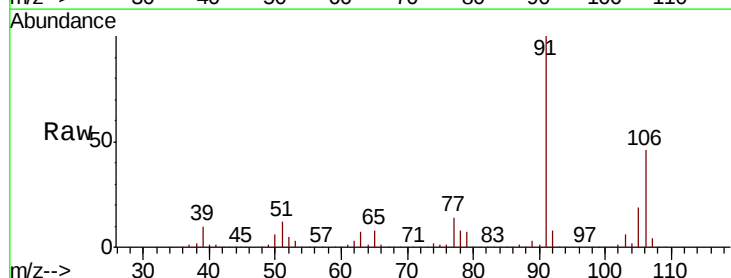
Instrument :
MSVOA_V
ClientSampled :

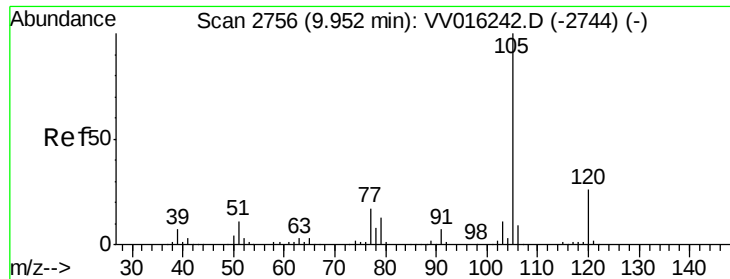
Tot Ion:106 Resp: 2797992
Ion Ratio Lower Upper
106 100
91 216.0 158.8 294.8



#57
Styrene
Concen: 7.258 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. -0.01 min
Lab File: VV016248.D
Acq: 27 May 2020 23:46

Tgt Ion:104 Resp: 144185
Ion Ratio Lower Upper
104 100
78 334.3 33.2 61.7#





#58

Isopropylbenzene

Concen: 12.658 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

Instrument :

MSVOA_V

ClientSampleId :

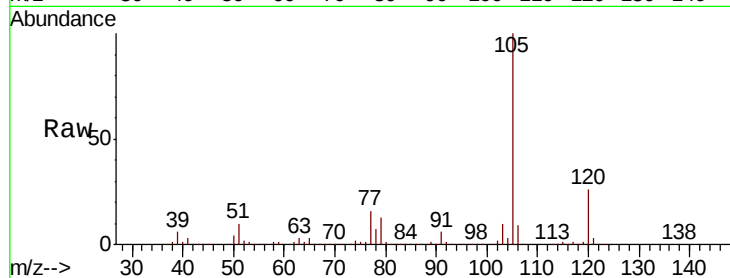
Tot Ion:105 Resp: 413895

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

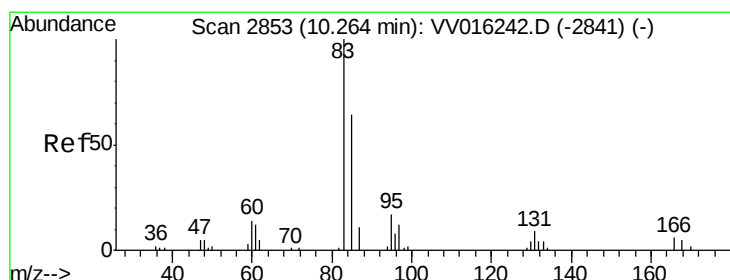
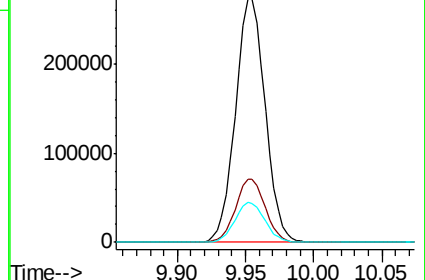
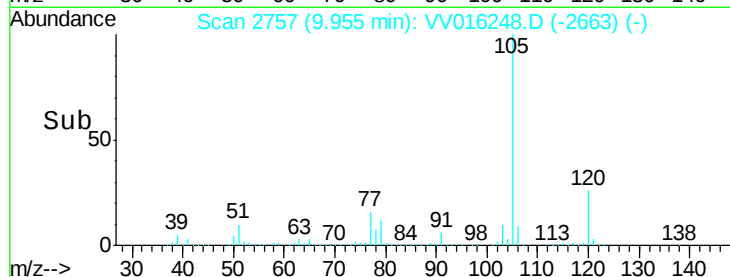
77 16.5 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.196 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.02 min

Lab File: VV016248.D

Acq: 27 May 2020 23:46

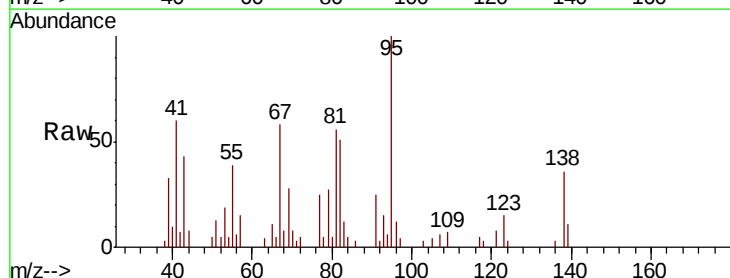
Tgt Ion: 83 Resp: 1079

Ion Ratio Lower Upper

83 100

85 0.0 45.6 84.8#

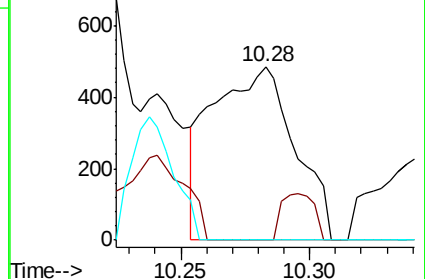
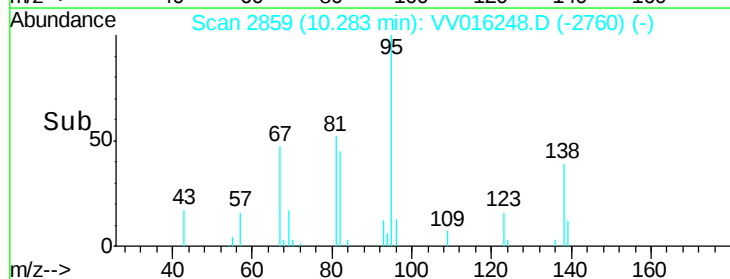
131 0.0 7.9 11.9#

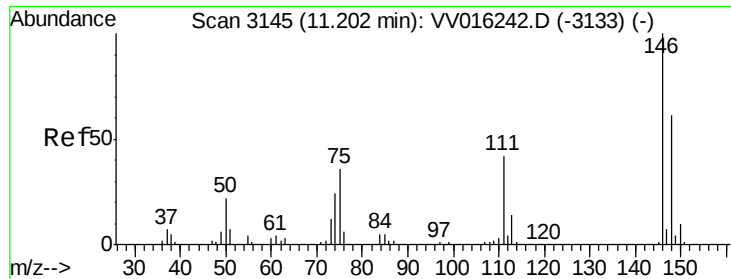


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

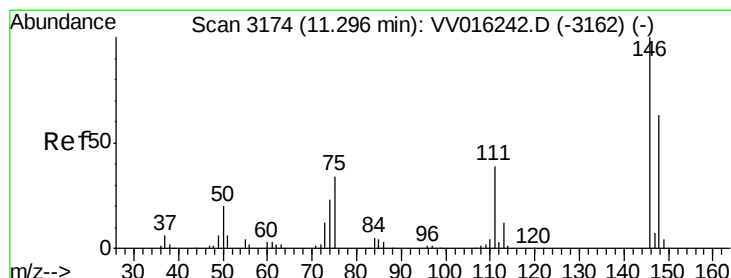
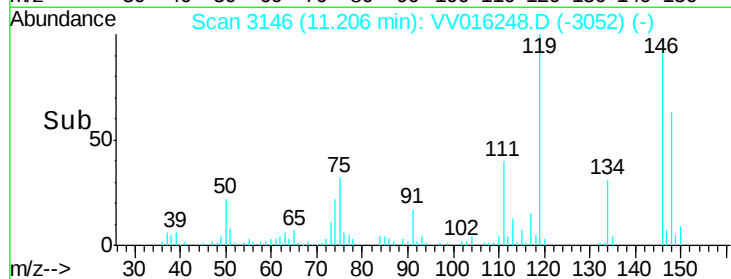
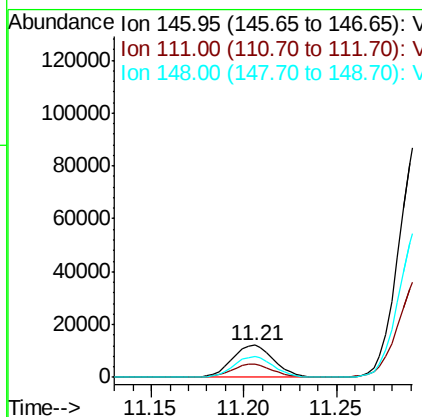
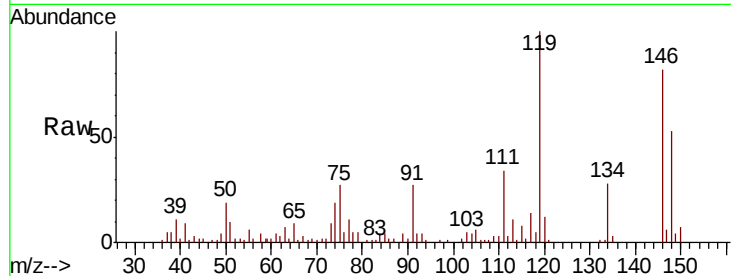




#63
 1,3-Dichlorobenzene
 Concen: 1.253 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

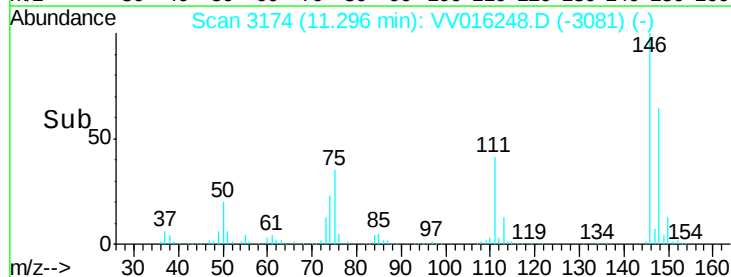
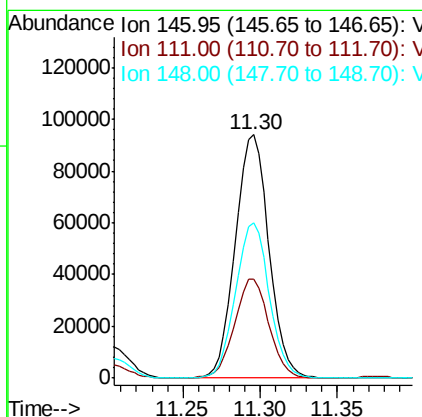
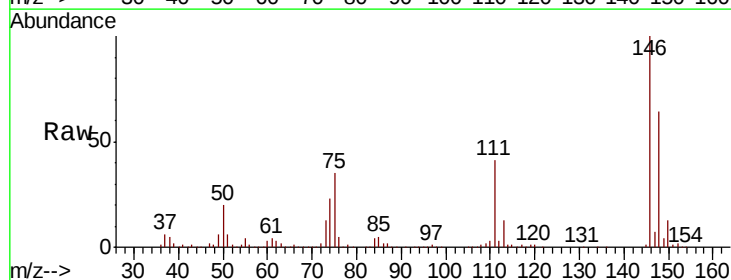
Instrument :
 MSVOA_V
 ClientSampleId :

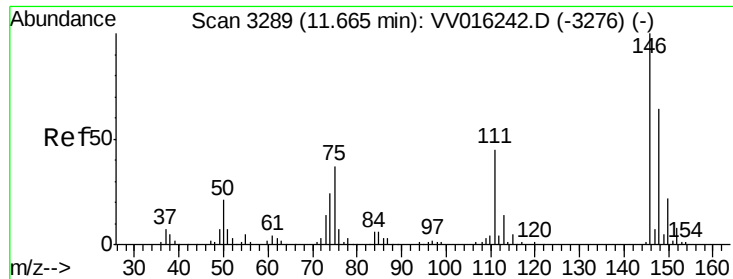
Tot Ion:146 Resp: 18982
 Ion Ratio Lower Upper
 146 100
 111 41.4 29.7 55.1
 148 64.4 45.9 85.3



#64
 1,4-Dichlorobenzene
 Concen: 9.222 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

Tgt Ion:146 Resp: 141993
 Ion Ratio Lower Upper
 146 100
 111 40.9 28.3 52.7
 148 64.0 43.3 80.3

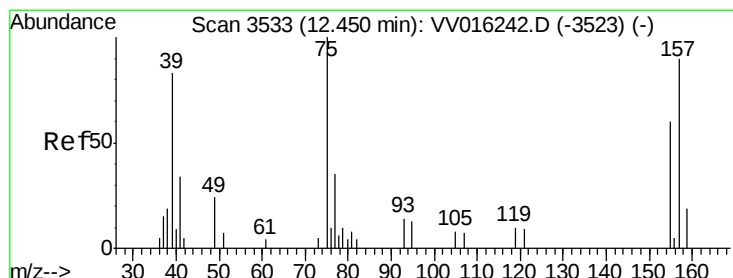
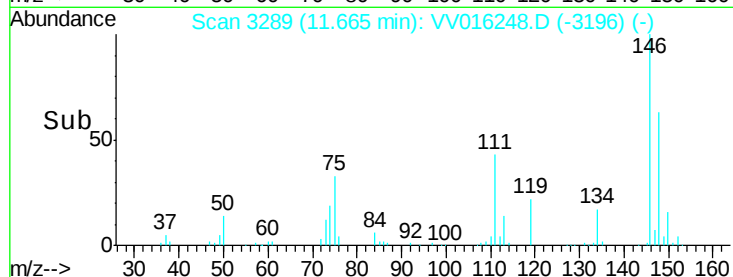
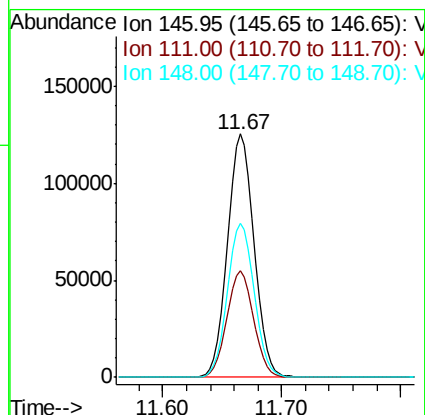
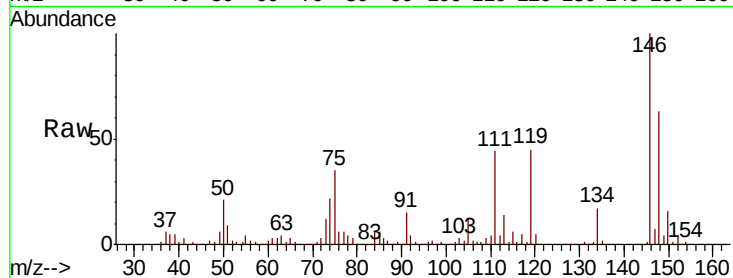




#66
 1,2-Dichlorobenzene
 Concen: 14.177 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

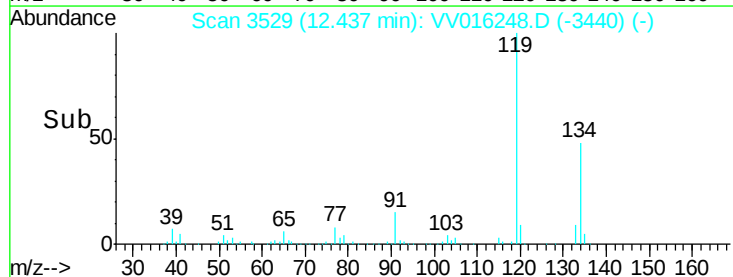
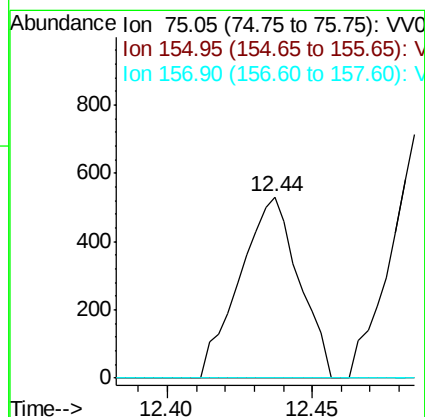
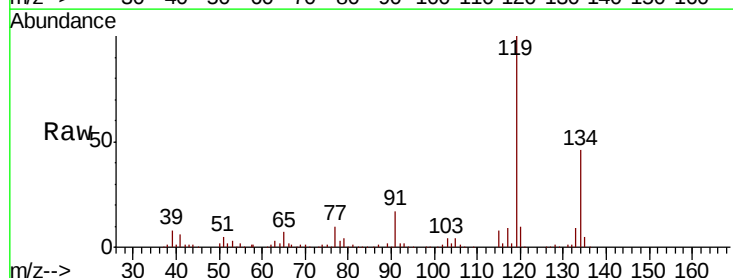
Instrument :
 MSVOA_V
 ClientSampleId :

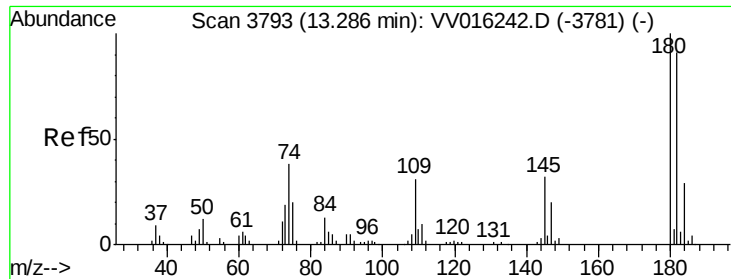
Tot Ion:146 Resp: 194178
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.7 53.5
 148 63.4 51.3 76.9



#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.812 ug/L
 RT: 12.44 min Scan# 3529
 Delta R.T. -0.01 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

Tgt Ion: 75 Resp: 751
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.2 84.4#
 157 0.0 71.9 107.9#

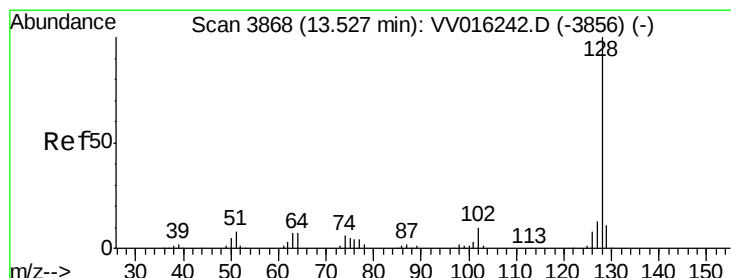
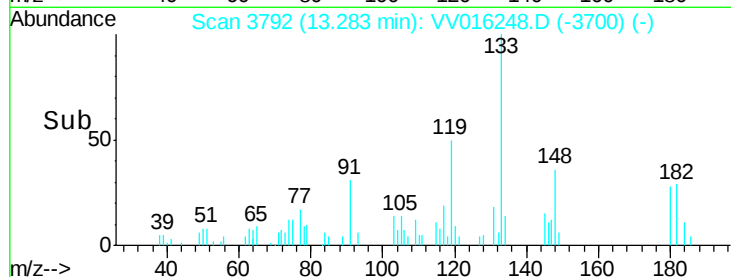
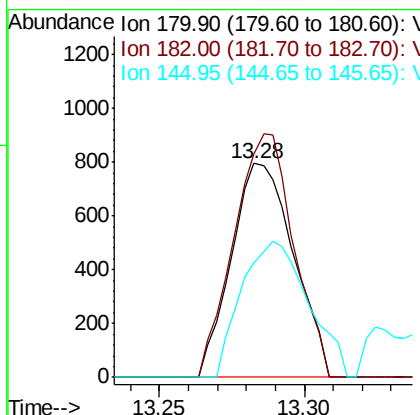
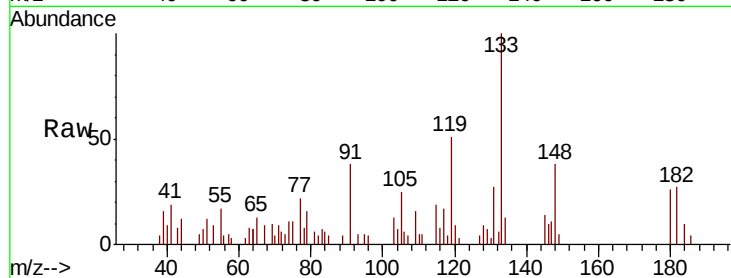




#69
 1,2,4-trichlorobenzene
 Concen: 0.126 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1184
 Ion Ratio Lower Upper
 180 100
 182 109.6 75.0 112.4
 145 68.4 27.1 40.7#



#70
 Naphthalene
 Concen: 8.374 ug/L
 RT: 13.52 min Scan# 3867
 Delta R.T. -0.00 min
 Lab File: VV016248.D
 Acq: 27 May 2020 23:46

Tgt Ion:128 Resp: 172263
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 13.3 10.6 15.8

