

Data File : VV011276.D
Acq On : 07 Jun 2019 06:53
Operator : SY/MD
Sample : K3197-21
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P29

Quant Time: Jun 07 08:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154379	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52954	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.57	69	40997	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.12	63	83935	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.95	46	150212	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	4.40	84	99081	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	57609	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	201555	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	62544	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	176541	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	18394	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	117305	56.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45527	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59760	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1323	0.090 ug/L	99
5) Vinyl chloride	1.32	62	78603	5.534 ug/L	96
6) Bromomethane	1.52	94	1349	0.183 ug/L	98
8) Chloroethane	1.48	64	19445	2.142 ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	906	0.091 ug/L #	29
13) Acetone	2.20	43	10326	5.848 ug/L	99
15) Methyl Acetate	2.51	43	1238	0.264 ug/L #	63
30) Cyclohexane	4.72	56	11177	0.565 ug/L	96
35) Methylcyclohexane	6.12	83	14981	0.787 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7792	0.703 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1649	0.102 ug/L #	79
42) Toluene	7.43	91	12783	0.269 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1163	0.094 ug/L	85
52) Ethylbenzene	9.05	91	13444	0.255 ug/L	99
53) m,p-xylene	9.18	106	25851	1.326 ug/L	97
54) o-xylene	9.59	106	20295	1.060 ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
Quantitation Report (Not Reviewed)

Data File : VV011276.D
Acq On : 07 Jun 2019 06:53
Operator : SY/MD
Sample : K3197-21
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P29

Quant Time: Jun 07 08:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

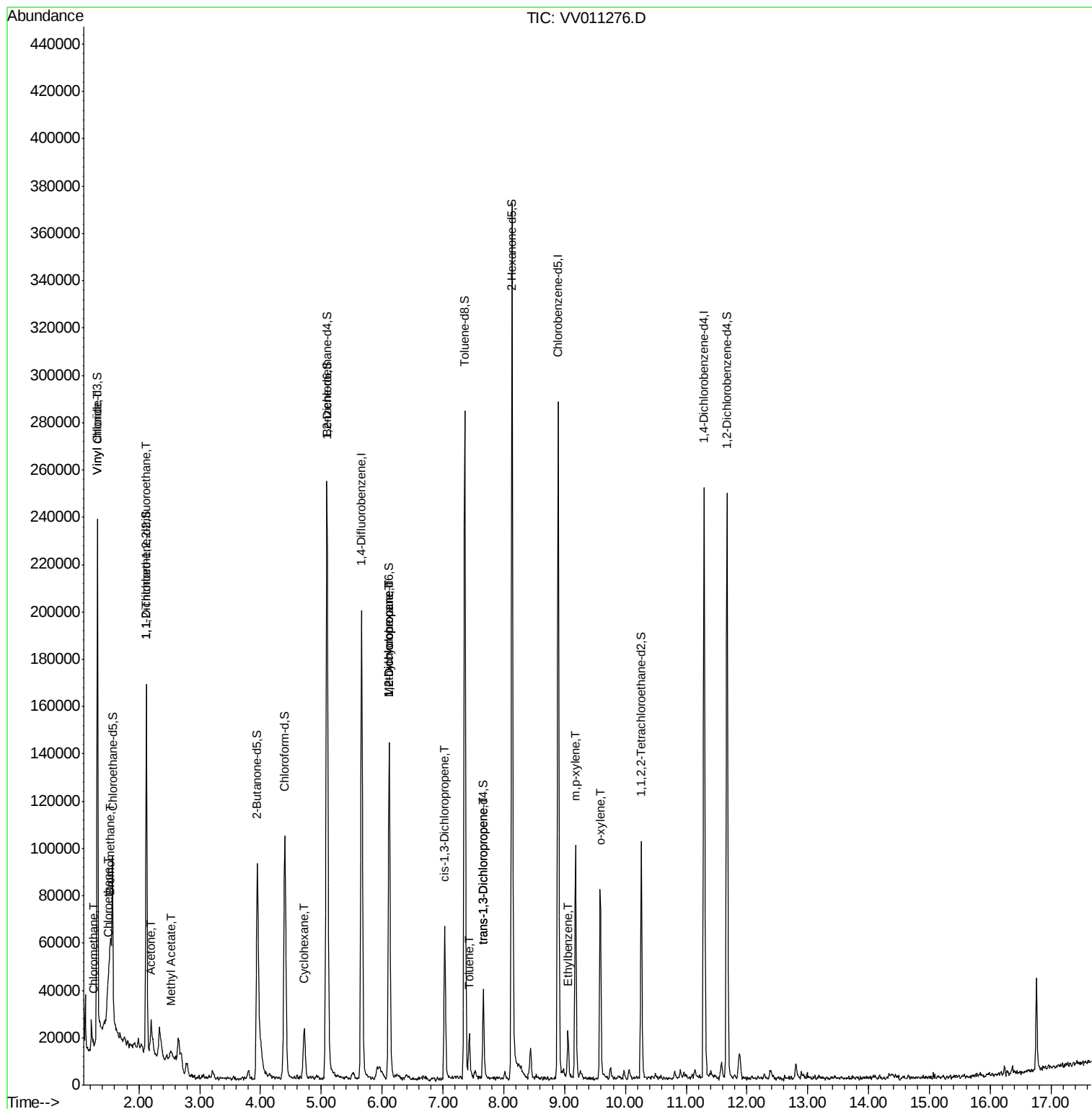
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

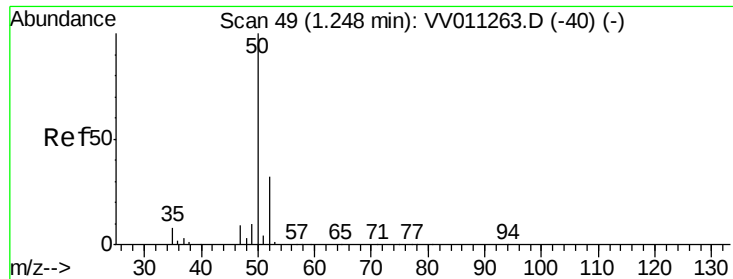
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011276.D
Acq On : 07 Jun 2019 06:53
Operator : SY/MD
Sample : K3197-21
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P29

Quant Time: Jun 07 08:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011276.D

Acq: 07 Jun 2019 06:53

Instrument :

MSVOA_V

ClientSampleId :

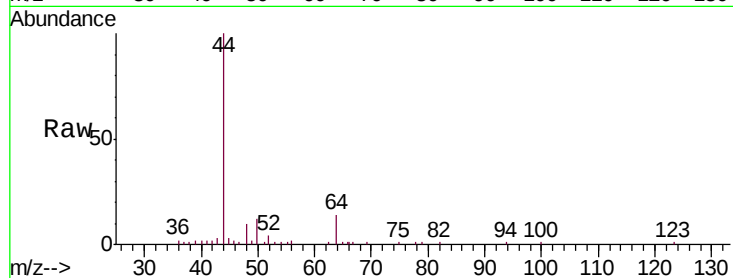
F9P29

Tgt Ion: 50 Resp: 1323

Ion Ratio Lower Upper

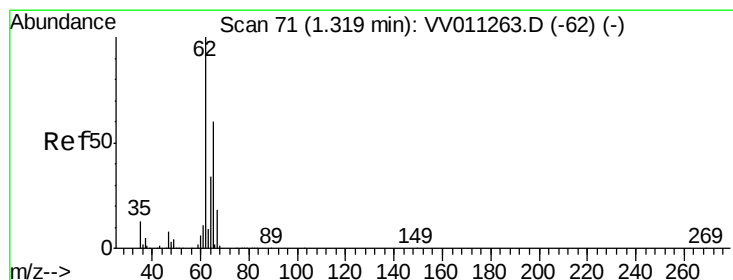
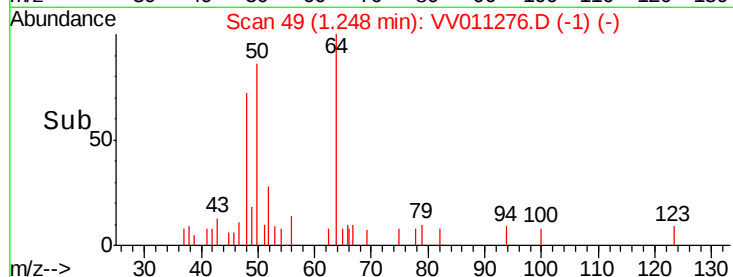
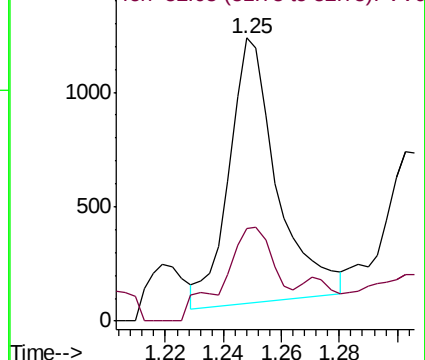
50 100

52 32.7 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 5.534 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011276.D

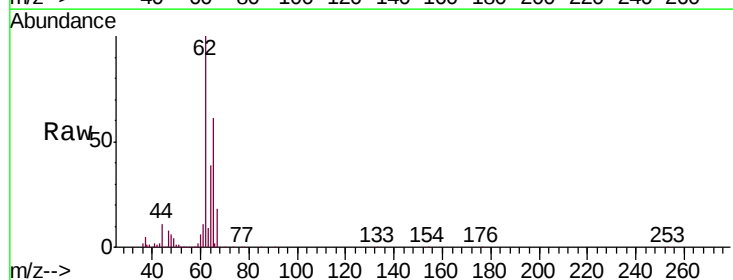
Acq: 07 Jun 2019 06:53

Tgt Ion: 62 Resp: 78603

Ion Ratio Lower Upper

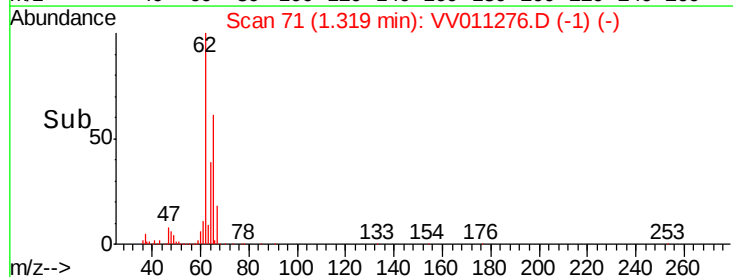
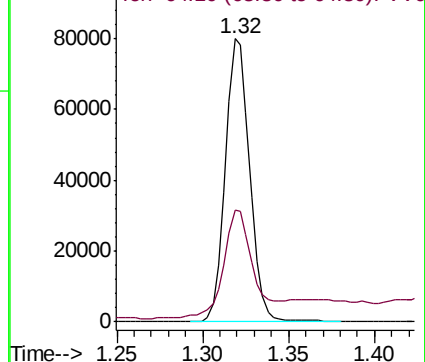
62 100

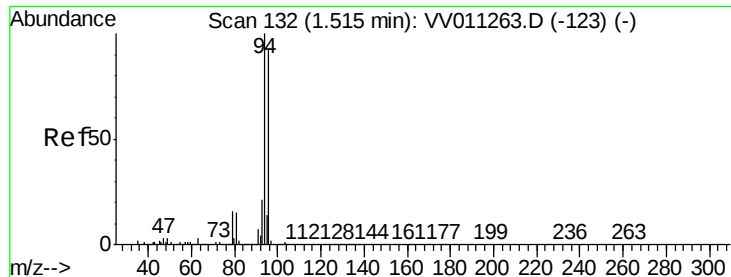
64 39.4 25.9 48.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.183 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.01 min

Lab File: VV011276.D

Acq: 07 Jun 2019 06:53

Instrument :

MSVOA_V

ClientSampleId :

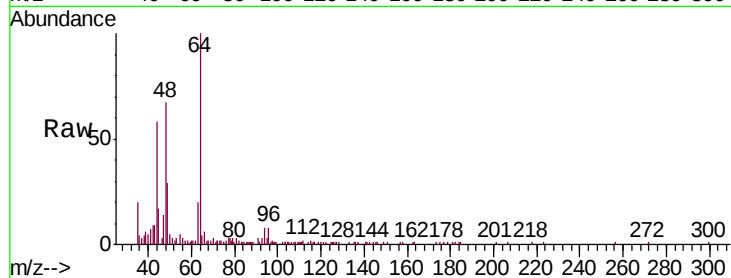
F9P29

Tgt Ion: 94 Resp: 1349

Ion Ratio Lower Upper

94 100

96 98.1 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.52

800

600

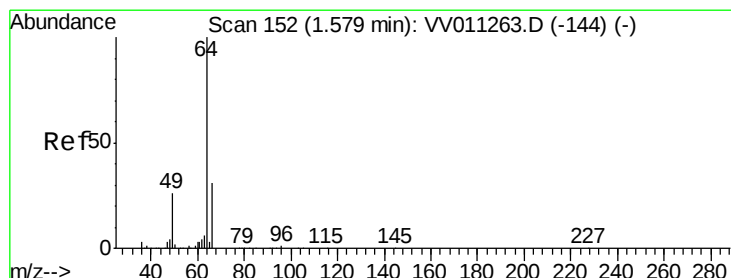
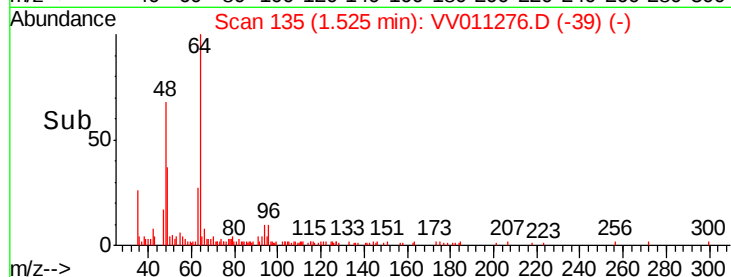
400

200

0

1.50 1.55

Time-->



#8

Chloroethane

Concen: 2.142 ug/L

RT: 1.48 min Scan# 122

Delta R.T. -0.10 min

Lab File: VV011276.D

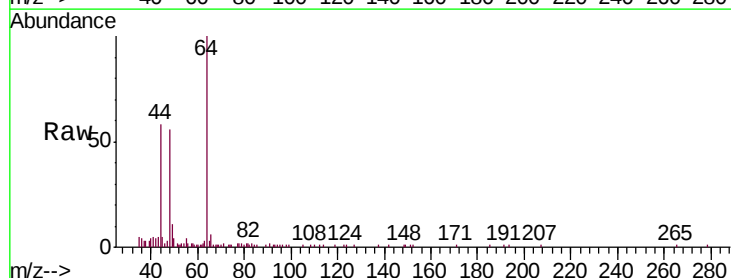
Acq: 07 Jun 2019 06:53

Tgt Ion: 64 Resp: 19445

Ion Ratio Lower Upper

64 100

66 5.7 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.48

12000

10000

8000

6000

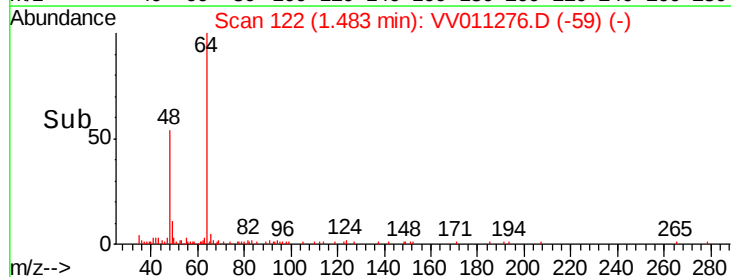
4000

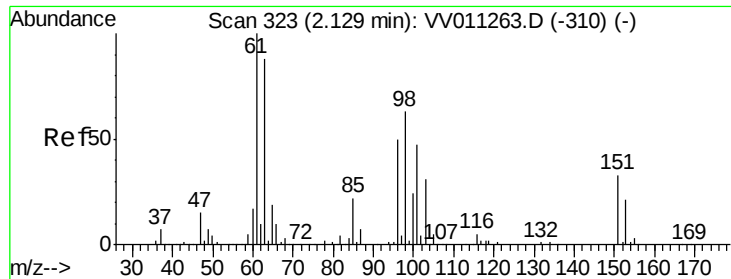
2000

0

1.40 1.45 1.50

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.091 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011276.D

Acq: 07 Jun 2019 06:53

Instrument :

MSVOA_V

ClientSampleId :

F9P29

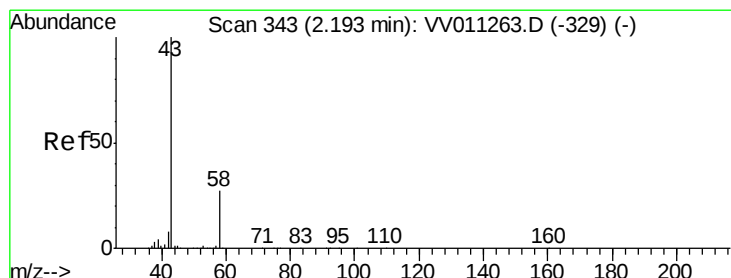
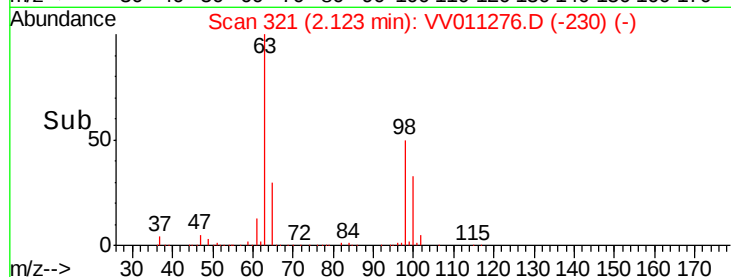
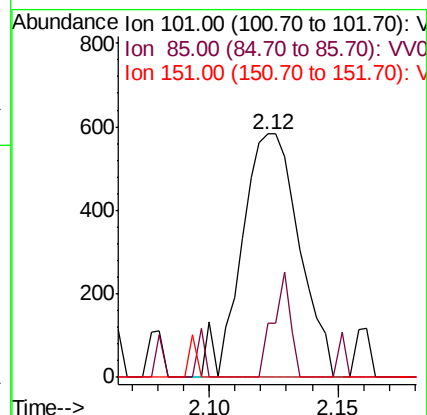
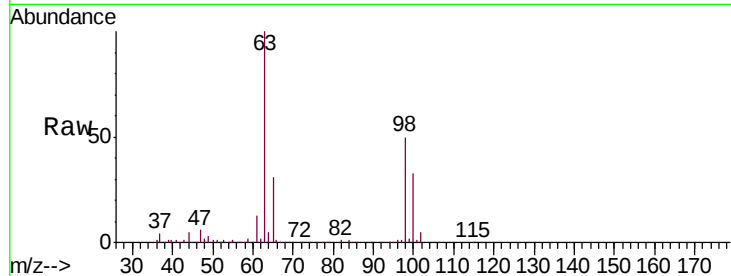
Tgt Ion:101 Resp: 906

Ion Ratio Lower Upper

101 100

85 13.2 35.5 53.3#

151 0.0 56.9 85.3#



#13

Acetone

Concen: 5.848 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011276.D

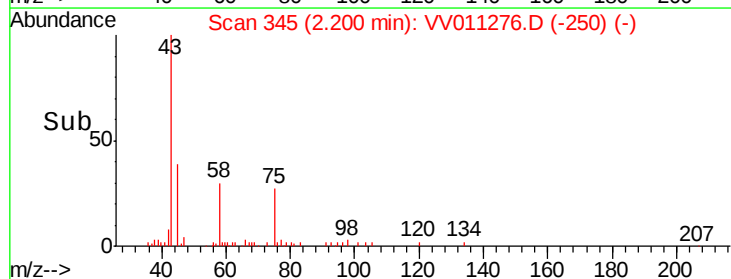
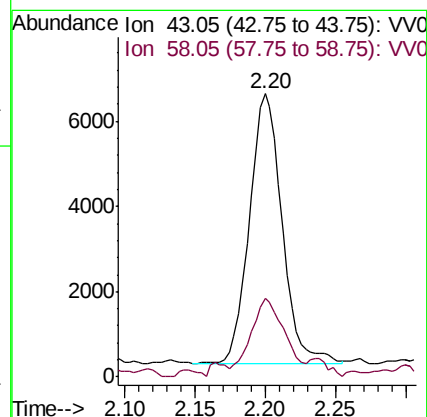
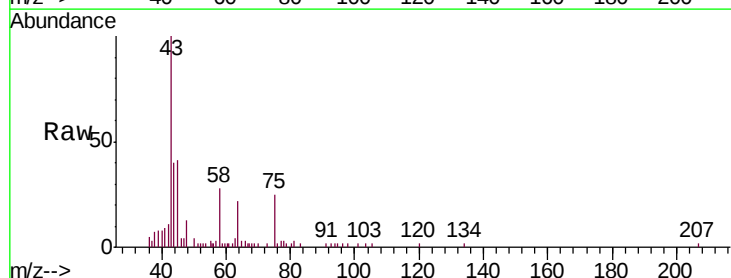
Acq: 07 Jun 2019 06:53

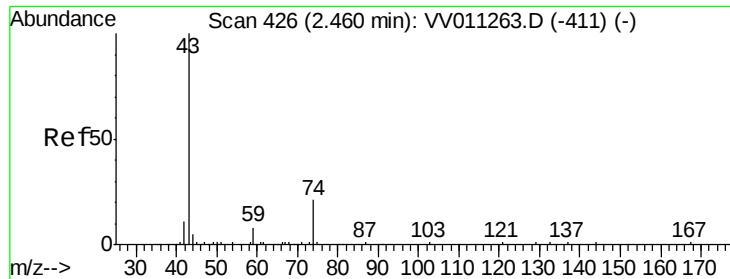
Tgt Ion: 43 Resp: 10326

Ion Ratio Lower Upper

43 100

58 28.0 0.0 55.2

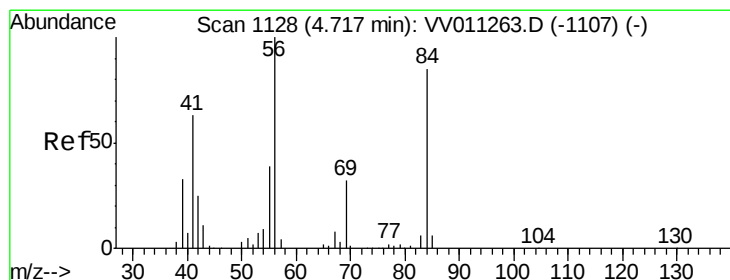
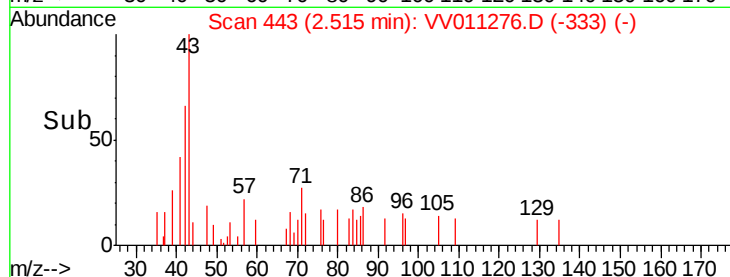
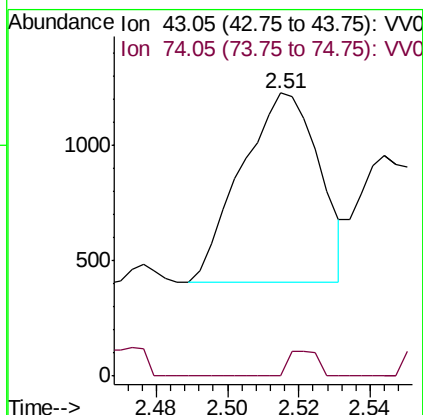
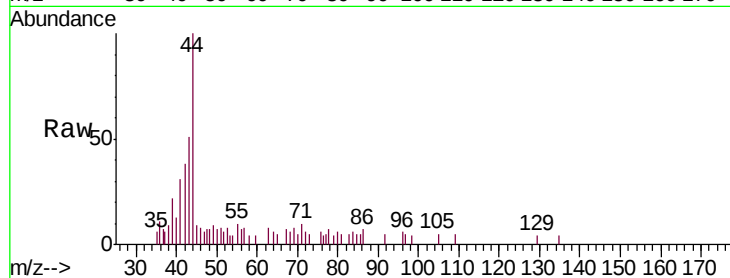




#15
Methyl Acetate
Concen: 0.264 ug/L
RT: 2.51 min Scan# 443
Delta R.T. 0.05 min
Lab File: VV011276.D
Acq: 07 Jun 2019 06:53

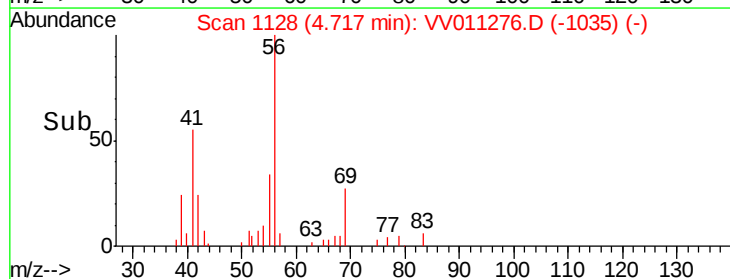
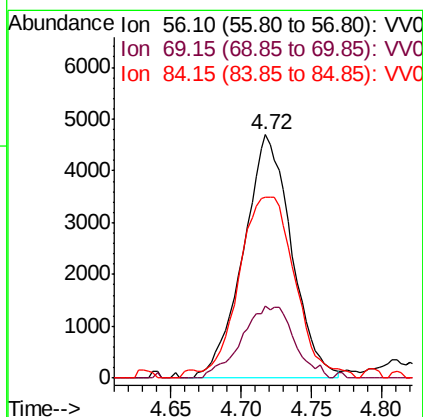
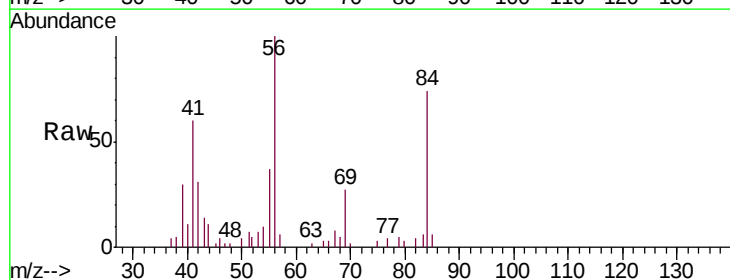
Instrument :
MSVOA_V
ClientSampled :
F9P29

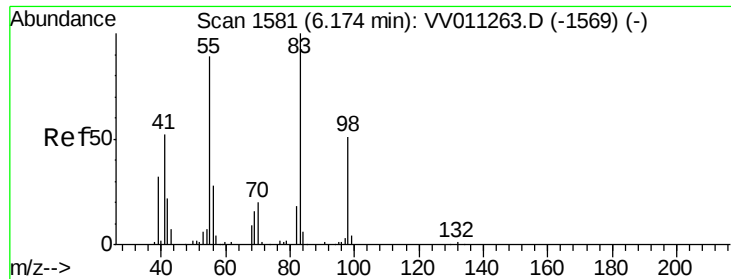
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
74 4.9 18.5 27.7#



#30
Cyclohexane
Concen: 0.565 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV011276.D
Acq: 07 Jun 2019 06:53

Tgt Ion: 56 Resp: 11177
Ion Ratio Lower Upper
56 100
69 32.2 24.1 36.1
84 86.4 66.4 99.6

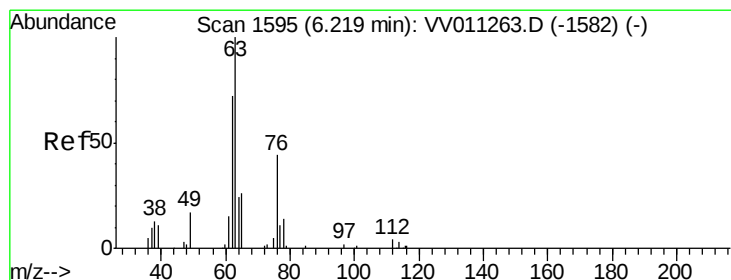
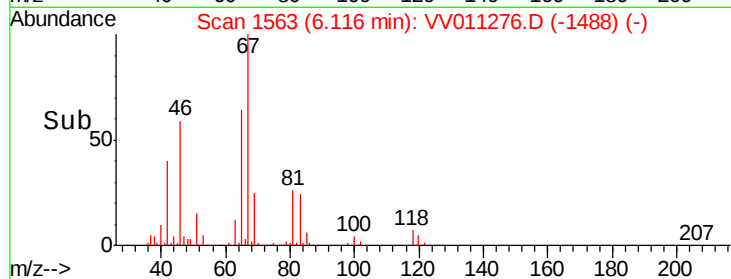
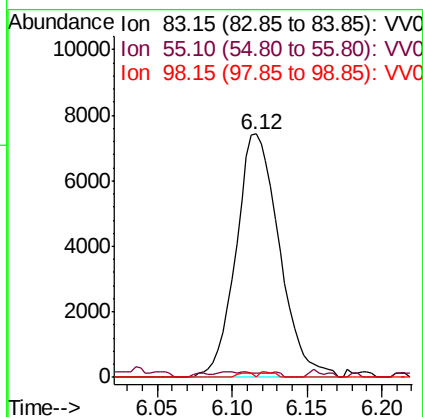
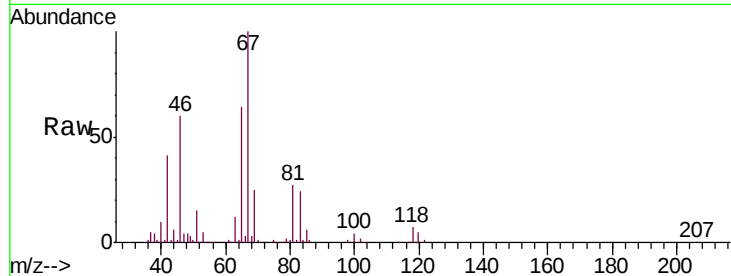




#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011276.D
Acq: 07 Jun 2019 06:53

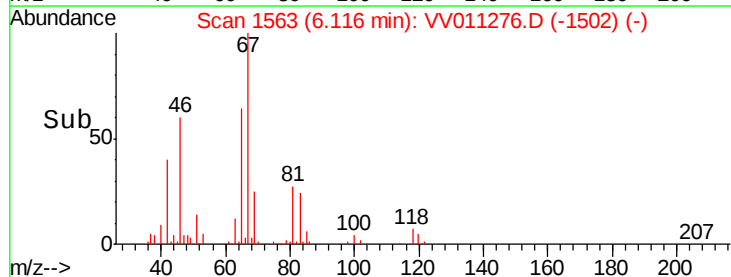
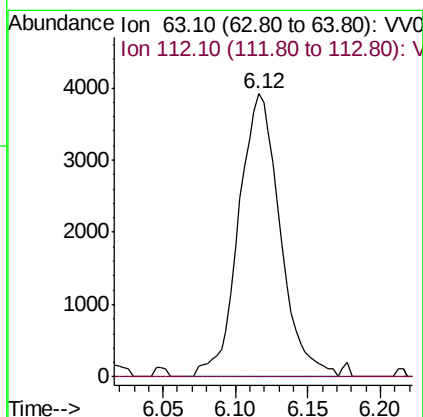
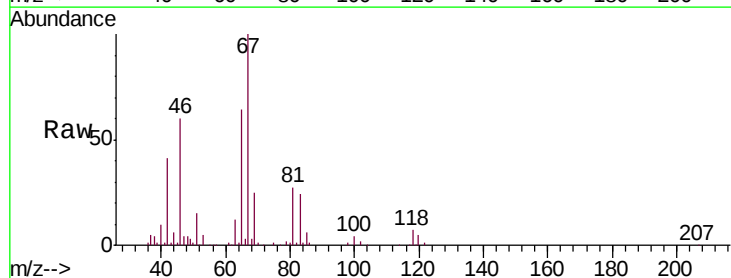
Instrument :
MSVOA_V
ClientSampleId :
F9P29

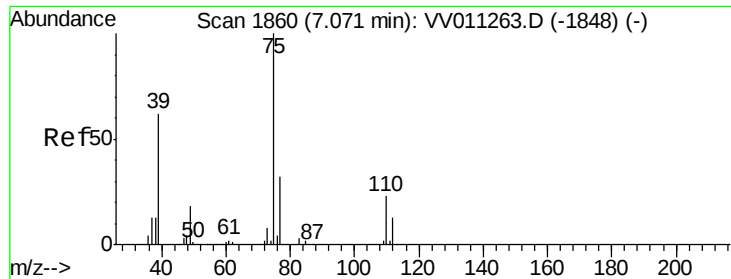
Tgt Ion: 83 Resp: 14981
Ion Ratio Lower Upper
83 100
55 1.1 67.0 100.6#
98 0.7 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011276.D
Acq: 07 Jun 2019 06:53

Tgt Ion: 63 Resp: 7792
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



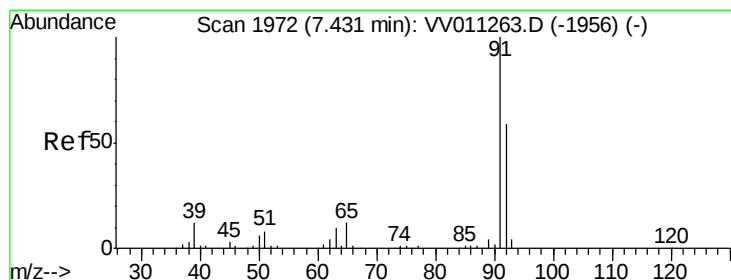
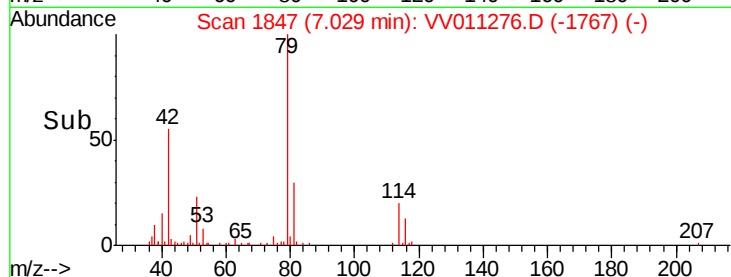
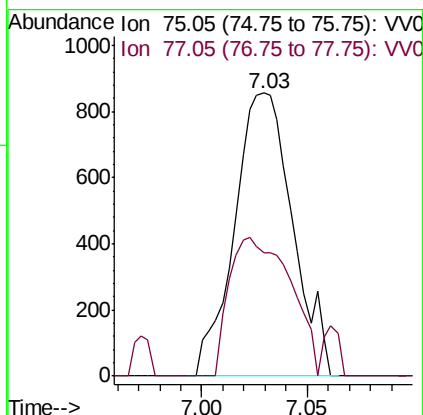
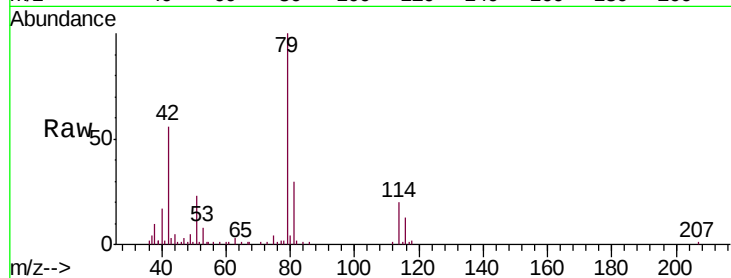


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011276.D
Acq: 07 Jun 2019 06:53

Instrument :
MSVOA_V
ClientSampleId :
F9P29

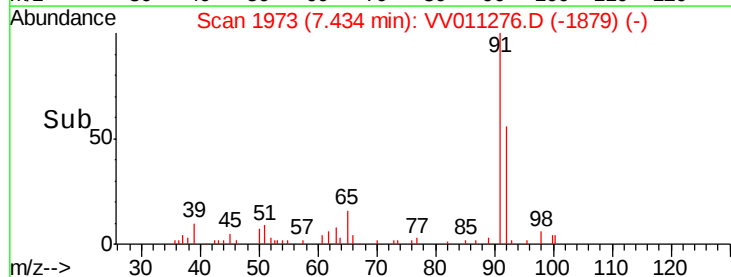
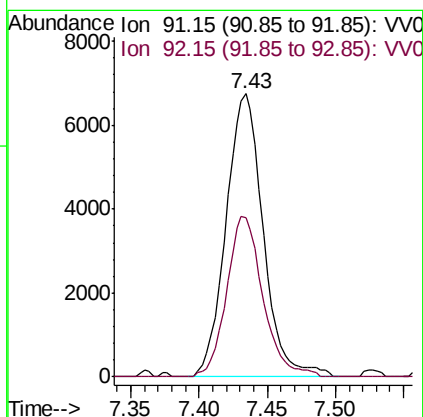
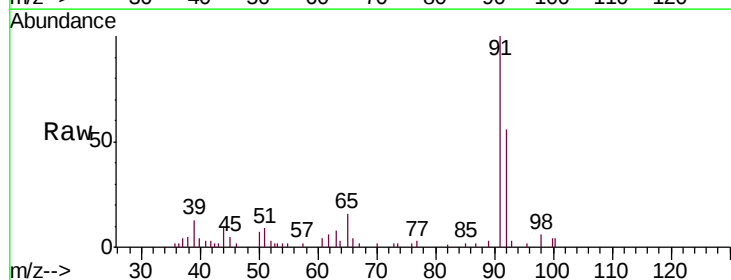
Tgt Ion: 75 Resp: 1649
Ion Ratio Lower Upper
75 100
77 43.6 22.2 41.2#

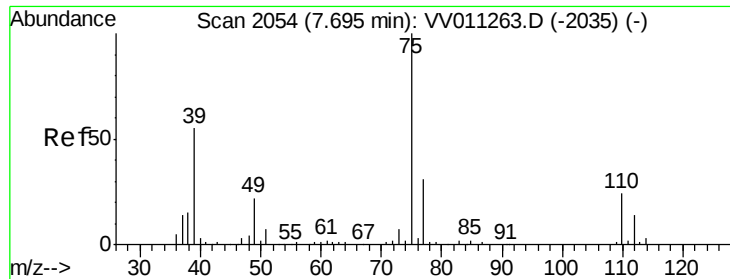


#42

Toluene
Concen: 0.269 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV011276.D
Acq: 07 Jun 2019 06:53

Tgt Ion: 91 Resp: 12783
Ion Ratio Lower Upper
91 100
92 56.1 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011276.D

Acq: 07 Jun 2019 06:53

Instrument :

MSVOA_V

ClientSampleId :

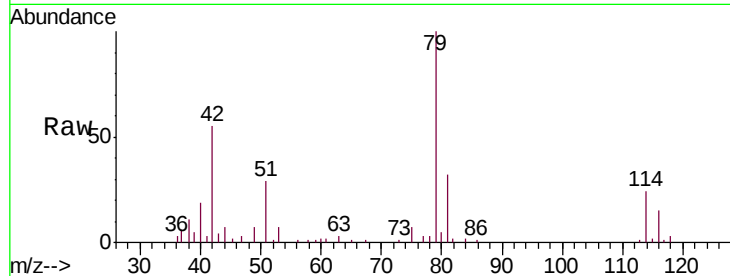
F9P29

Tgt Ion: 75 Resp: 1163

Ion Ratio Lower Upper

75 100

77 41.4 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

600

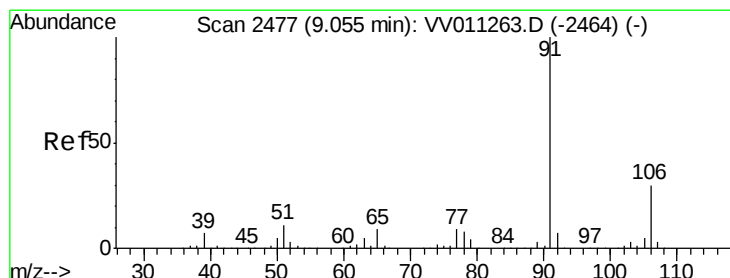
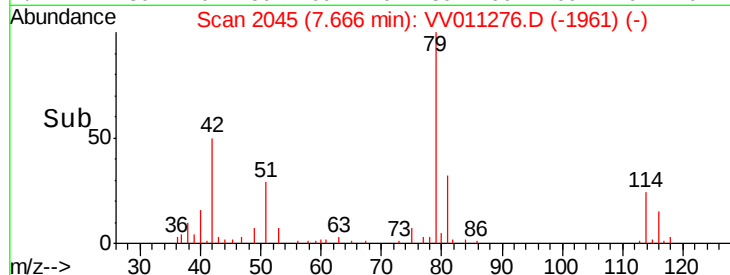
400

200

0

7.65 7.70

Time-->



#52

Ethylbenzene

Concen: 0.255 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV011276.D

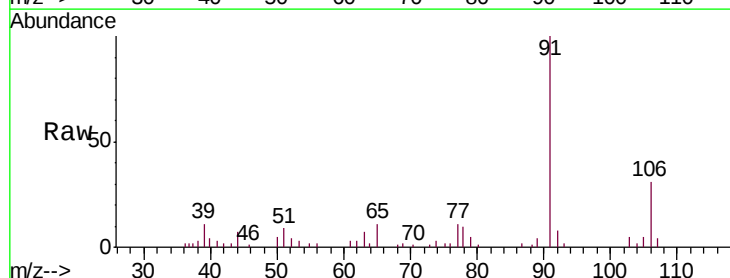
Acq: 07 Jun 2019 06:53

Tgt Ion: 91 Resp: 13444

Ion Ratio Lower Upper

91 100

106 31.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.05

8000

6000

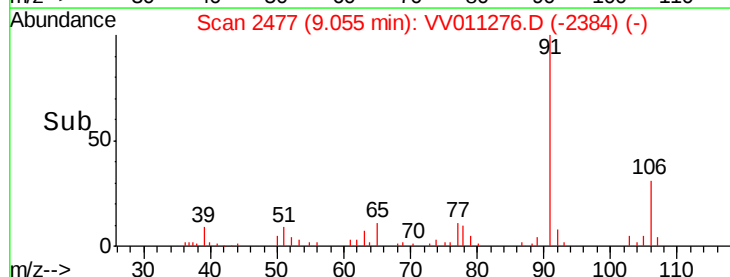
4000

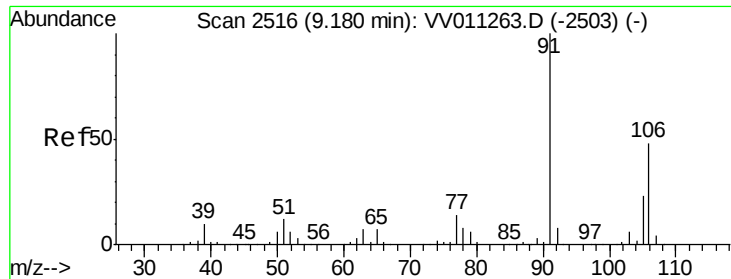
2000

0

9.00 9.05 9.10

Time-->





#53

m,p-xylene

Concen: 1.326 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV011276.D

Acq: 07 Jun 2019 06:53

Instrument :

MSVOA_V

ClientSampleId :

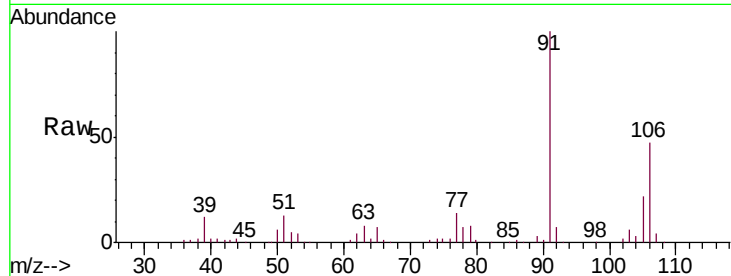
F9P29

Tgt Ion:106 Resp: 25851

Ion Ratio Lower Upper

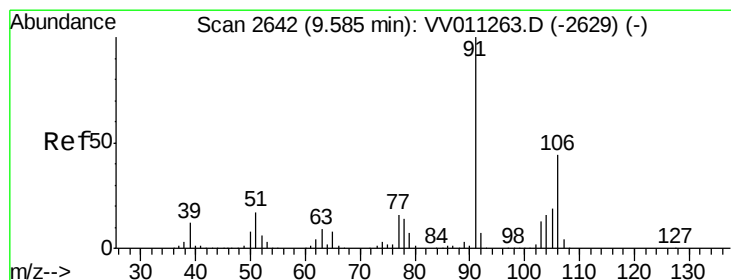
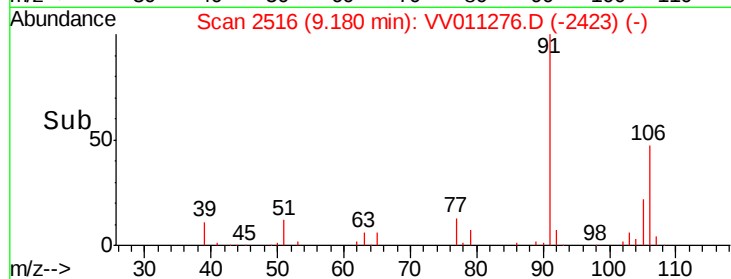
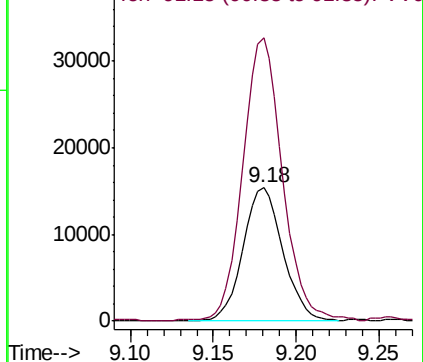
106 100

91 212.8 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 1.060 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV011276.D

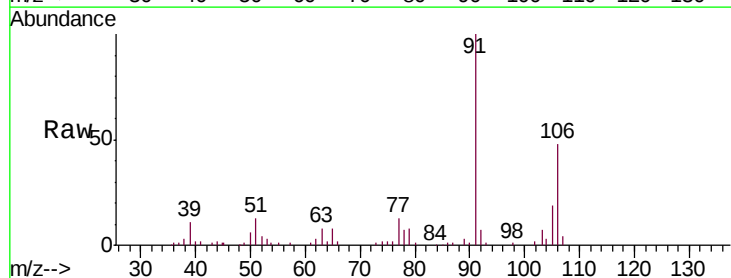
Acq: 07 Jun 2019 06:53

Tgt Ion:106 Resp: 20295

Ion Ratio Lower Upper

106 100

91 208.1 155.4 288.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

