

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035046.D
 Acq On : 10 Oct 2019 14:20
 Operator : JC/SP
 Sample : K5268-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAQ4

Quant Time: Oct 11 04:23:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 02:39:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	80588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52504	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.67	69	47467	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.26	63	112432	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	4.17	46	151024	51.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.40%
24) Chloroform-d	4.63	84	93081	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.29	65	53514	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.31	84	186070	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.31	67	64583	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.55	98	165147	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.84	79	21055	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.30	63	108643	48.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56121	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	65593	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	35613	2.322	ug/L 99
3) Chloromethane	1.32	50	114060	6.780	ug/L 99
5) Vinyl chloride	1.40	62	84840	5.134	ug/L 99
6) Bromomethane	1.62	94	45921	4.999	ug/L 94
8) Chloroethane	1.69	64	48506	4.894	ug/L 97
9) Trichlorofluoromethane	1.88	101	190344	9.524	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	52506	4.575	ug/L 98
12) 1,1-Dichloroethene	2.27	96	64588	5.992	ug/L 82
16) Methylene chloride	2.68	84	45166	3.385	ug/L 83
17) Methyl tert-butyl Ether	2.99	73	161757	5.500	ug/L 97
18) trans-1,2-Dichloroethene	2.96	96	78473	6.799	ug/L 95
22) cis-1,2-Dichloroethene	4.20	96	83102	6.455	ug/L 90
23) Bromochloromethane	4.53	128	12080	2.239	ug/L 93
25) Chloroform	4.65	83	120059	4.658	ug/L 100
27) 1,2-Dichloroethane	5.39	62	77048	5.118	ug/L 98
29) 1,1,1-Trichloroethane	4.89	97	99524	5.303	ug/L 97
31) Carbon tetrachloride	5.11	117	85651	5.263	ug/L 100

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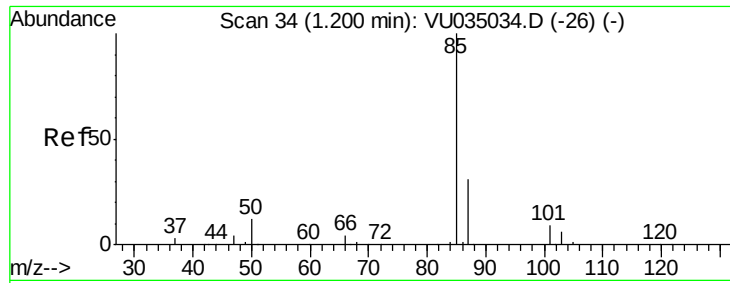
Instrument :
 MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

34) Trichloroethene	6.16	95	110844	8.539	ug/L	98
37) 1,2-Dichloropropane	6.41	63	70766	5.212	ug/L	100
38) Bromodichloromethane	6.74	83	33828	2.125	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	29733	1.616	ug/L	100
42) Toluene	7.62	91	163108	3.104	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	79444	8.812	ug/L	95
47) Tetrachloroethene	8.21	164	54436	5.181	ug/L	98
49) Dibromochloromethane	8.46	129	62579	6.005	ug/L	98
52) Ethylbenzene	9.23	91	617565	10.642	ug/L	99
54) o-Xylene	9.76	106	65618	3.130	ug/L	99
55) Styrene	9.77	104	106540	3.138	ug/L	99
56) Isopropylbenzene	10.15	105	424170	7.595	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	61255	4.996	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	52493	2.114	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	50467	2.107	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 2.322 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

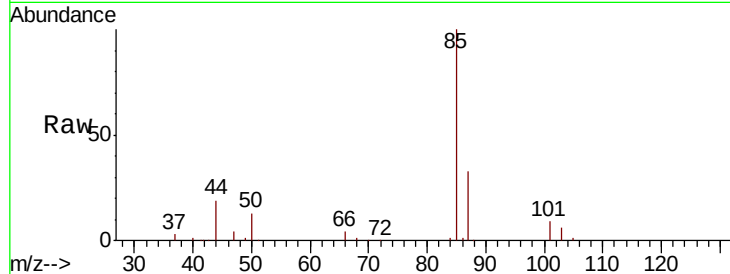
DBAQ4

Tot Ion: 85 Resp: 35613

Ion Ratio Lower Upper

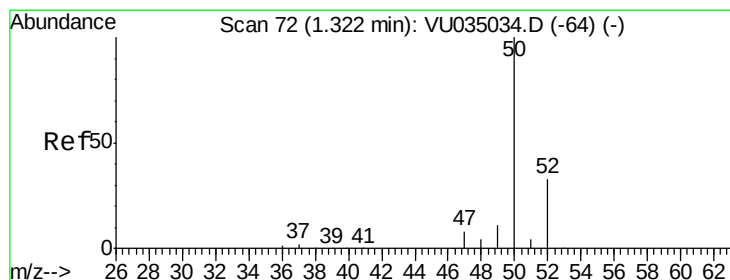
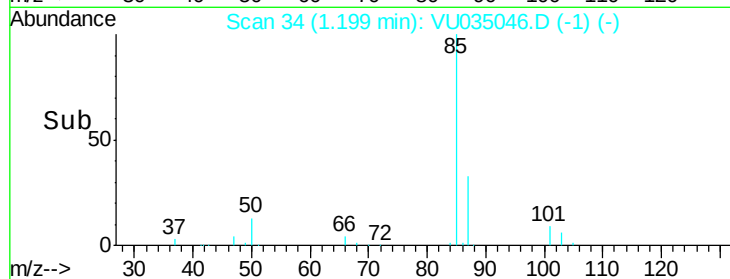
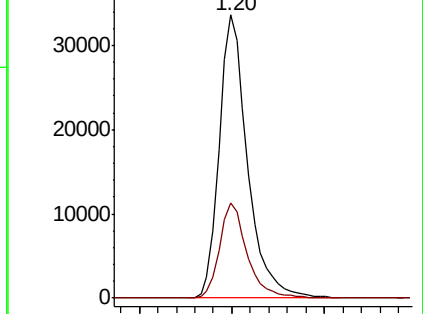
85 100

87 32.5 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VU035034.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU035034.D (-26) (-)



#3

Chloromethane

Concen: 6.780 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035046.D

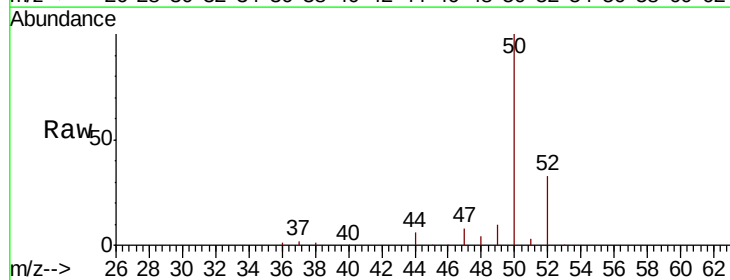
Acq: 10 Oct 2019 14:20

Tgt Ion: 50 Resp: 114060

Ion Ratio Lower Upper

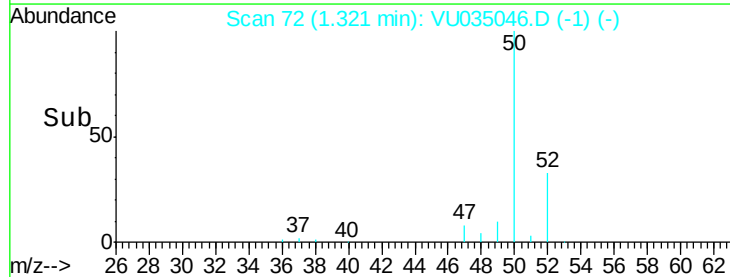
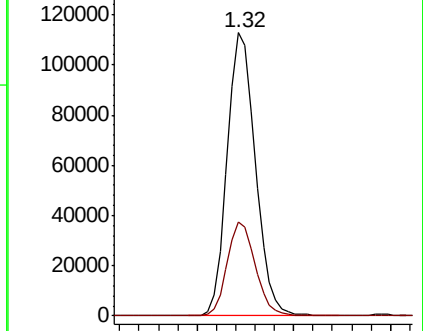
50 100

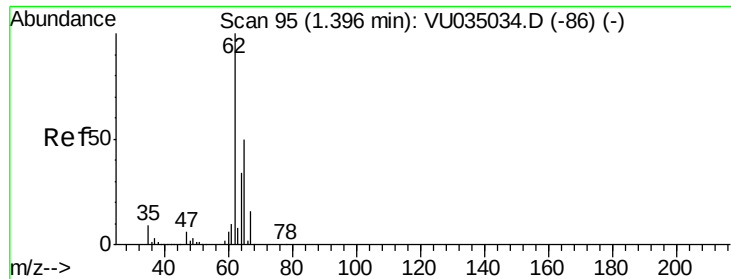
52 33.0 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035034.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035034.D (-64) (-)





#5

Vinyl chloride

Concen: 5.134 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

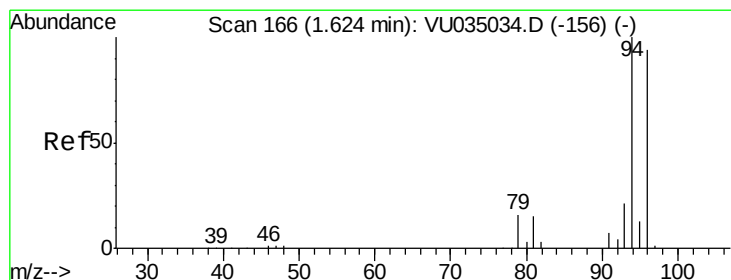
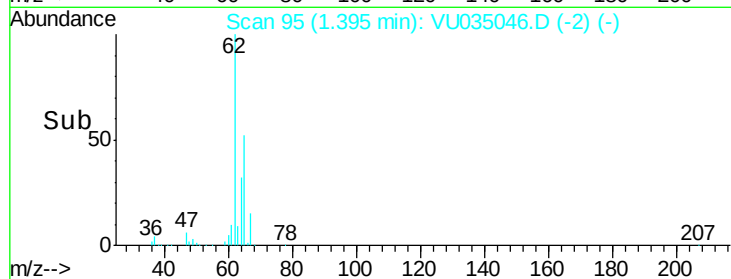
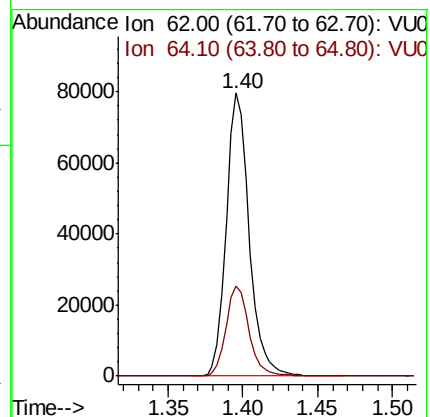
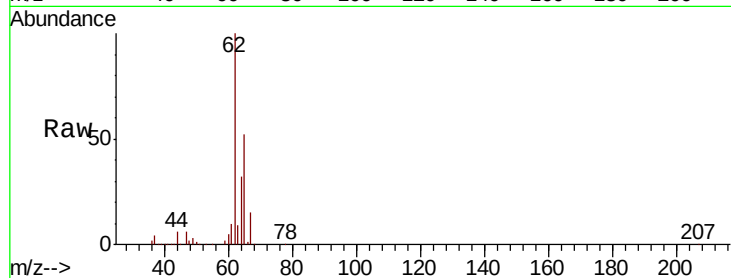
DBAQ4

Tot Ion: 62 Resp: 84840

Ion Ratio Lower Upper

62 100

64 32.1 22.8 42.4



#6

Bromomethane

Concen: 4.999 ug/L

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU035046.D

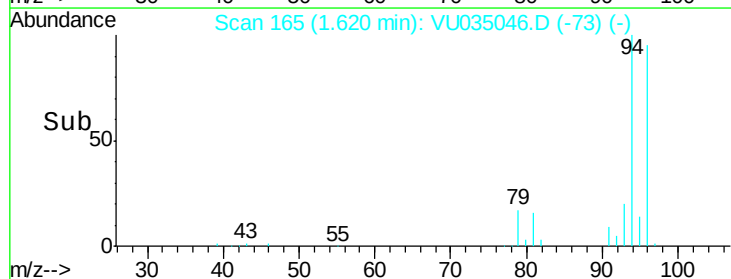
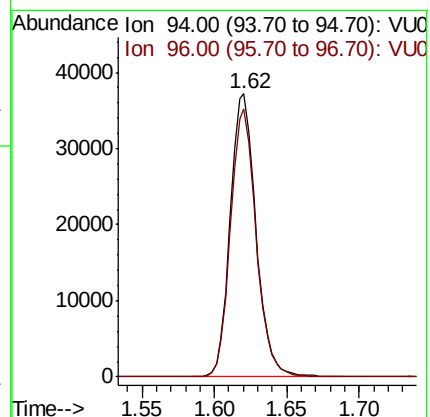
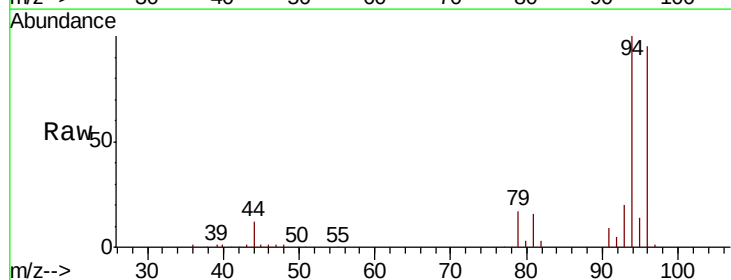
Acq: 10 Oct 2019 14:20

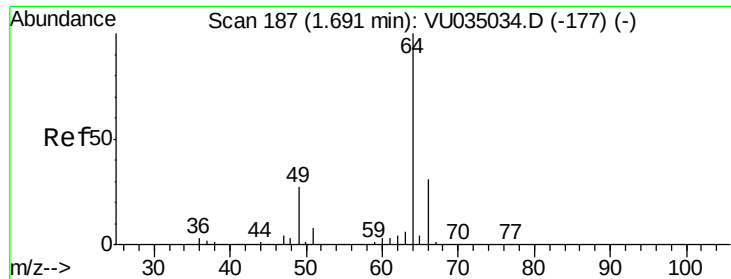
Tgt Ion: 94 Resp: 45921

Ion Ratio Lower Upper

94 100

96 94.6 62.4 116.0





#8

Chloroethane

Concen: 4.894 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

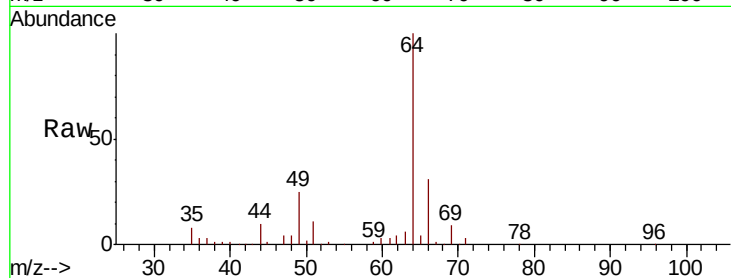
DBAQ4

Tot Ion: 64 Resp: 48506

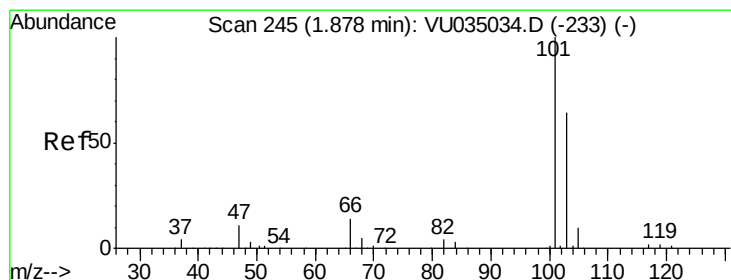
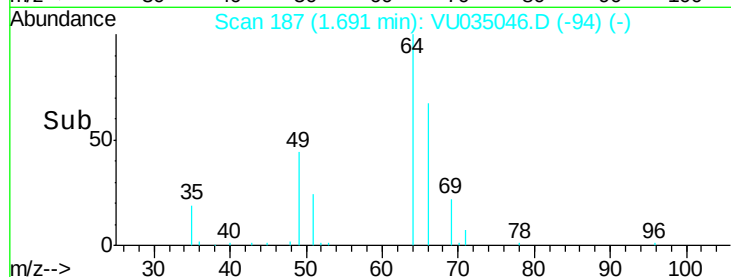
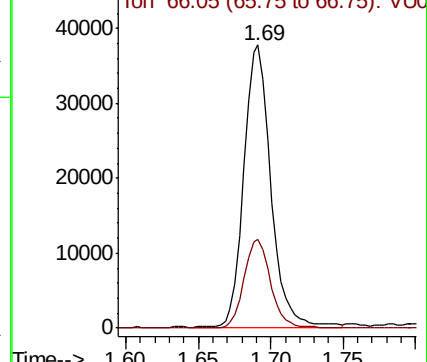
Ion Ratio Lower Upper

64 100

66 31.5 23.2 43.2



Abundance Ion 64.10 (63.80 to 64.80): VU035034.D (-177) (-)



#9

Trichlorofluoromethane

Concen: 9.524 ug/L

RT: 1.88 min Scan# 245

Delta R.T. 0.00 min

Lab File: VU035046.D

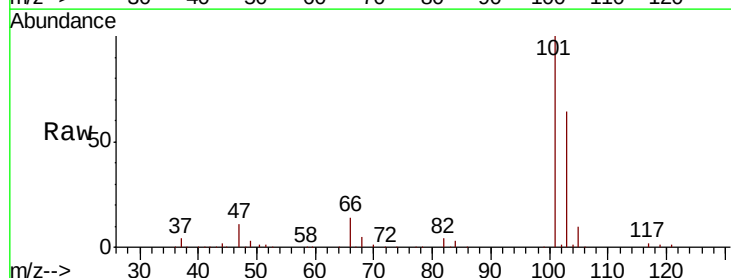
Acq: 10 Oct 2019 14:20

Tgt Ion: 101 Resp: 190344

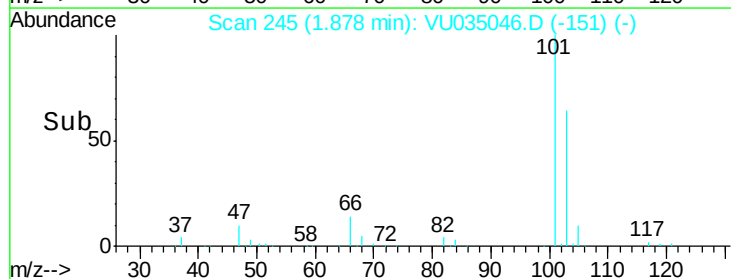
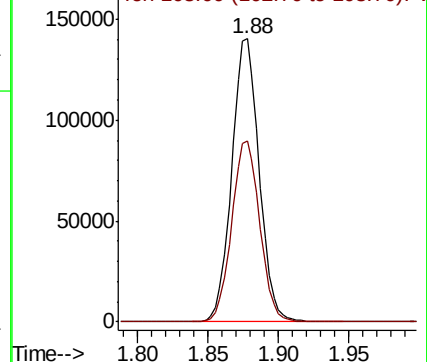
Ion Ratio Lower Upper

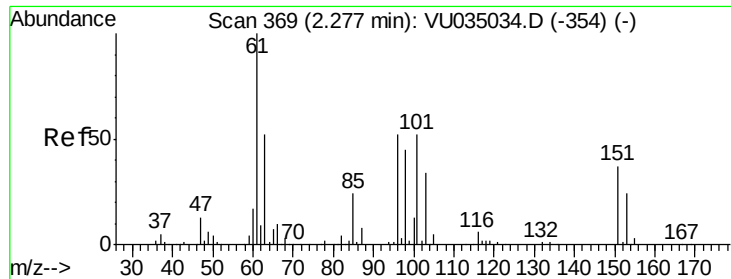
101 100

103 65.4 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): VU035034.D (-233) (-)





#10

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

Concen: 4.575 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

DBAQ4

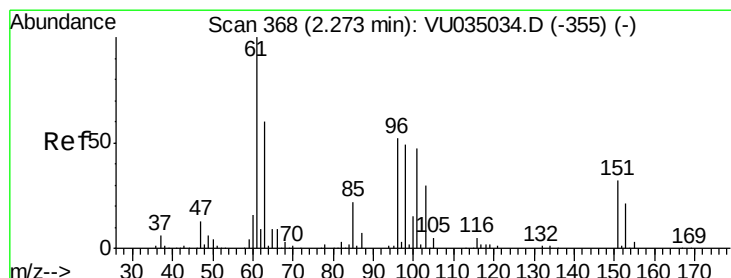
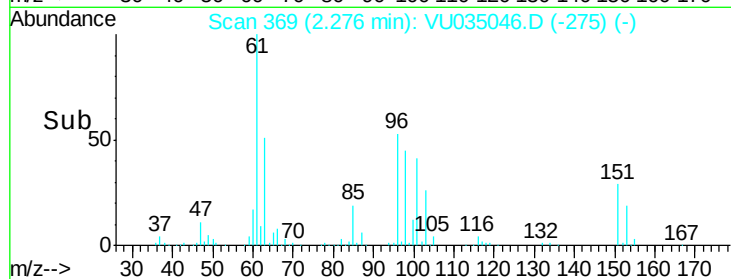
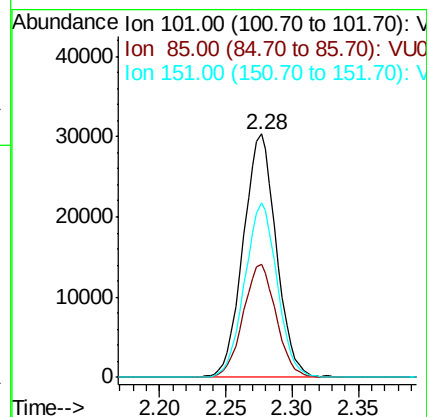
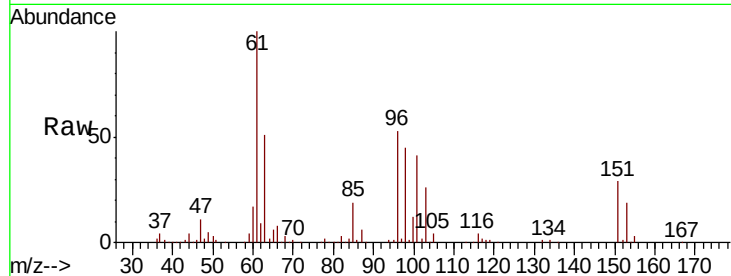
Tot Ion:101 Resp: 52506

Ion Ratio Lower Upper

101 100

85 46.2 37.4 56.0

151 70.3 58.6 87.8



#12

1,1-Dichloroethene

Concen: 5.992 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

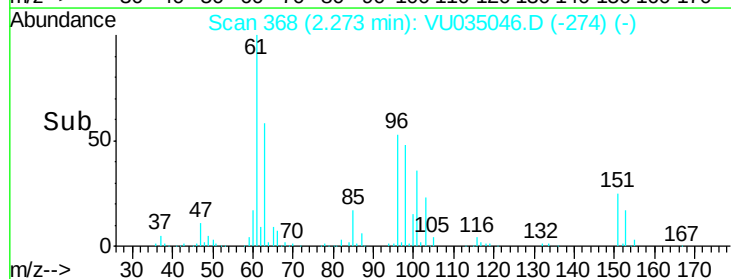
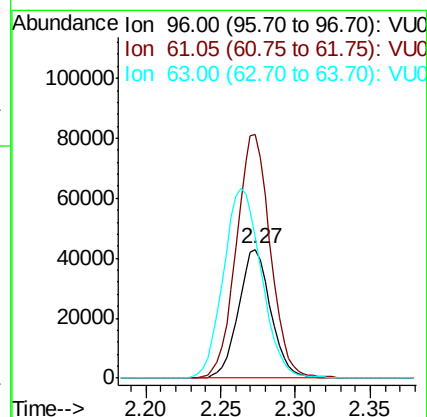
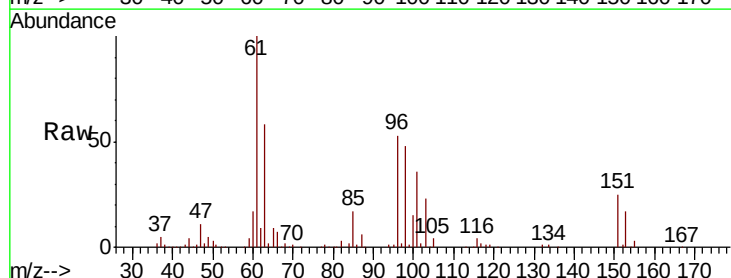
Tgt Ion: 96 Resp: 64588

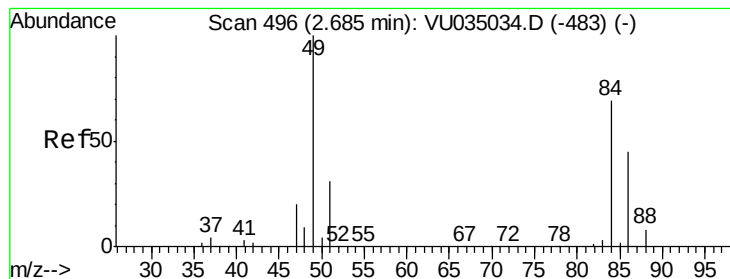
Ion Ratio Lower Upper

96 100

61 188.9 129.3 240.1

63 109.9 108.9 202.3





#16

Methylene chloride

Concen: 3.385 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampled :

DBAQ4

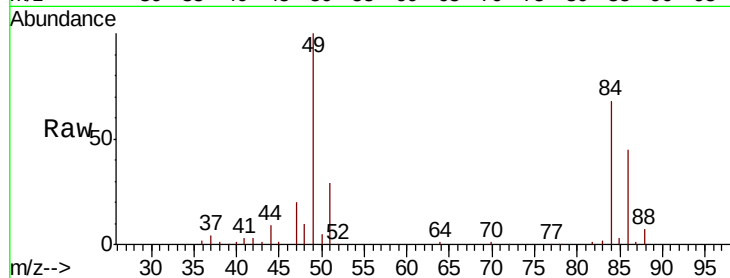
Tot Ion: 84 Resp: 45166

Ion Ratio Lower Upper

84 100

86 67.3 42.5 78.9

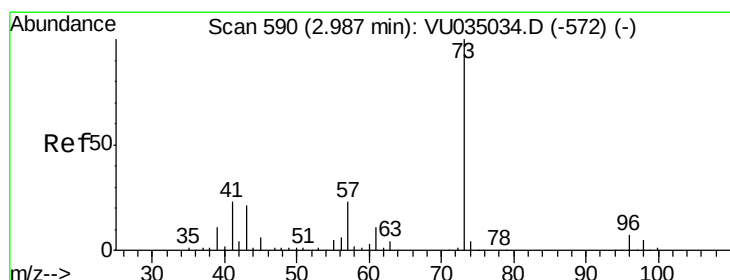
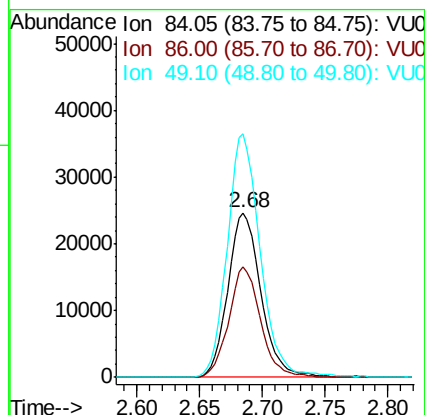
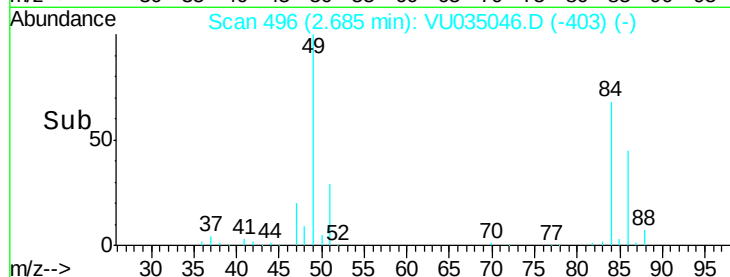
49 148.0 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035046.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035046.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035046.D (-403) (-)



#17

Methyl tert-butyl Ether

Concen: 5.500 ug/L

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

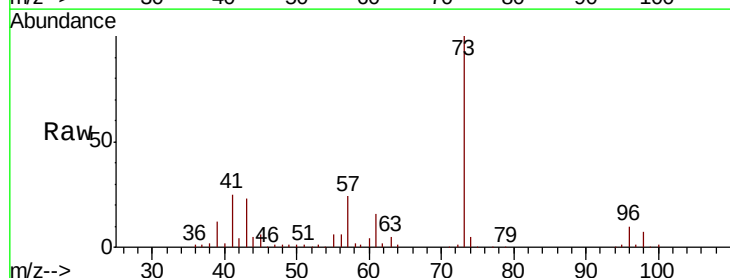
Tgt Ion: 73 Resp: 161757

Ion Ratio Lower Upper

73 100

43 22.3 16.3 24.5

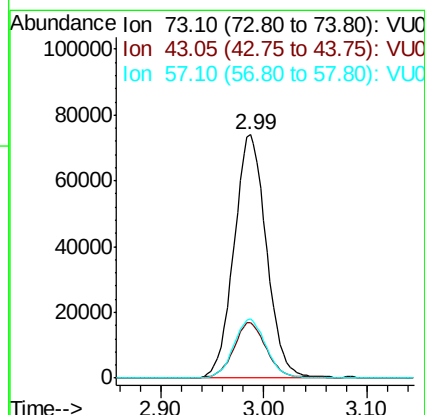
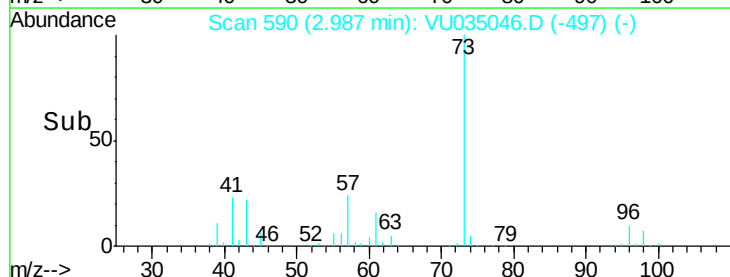
57 24.3 18.6 28.0

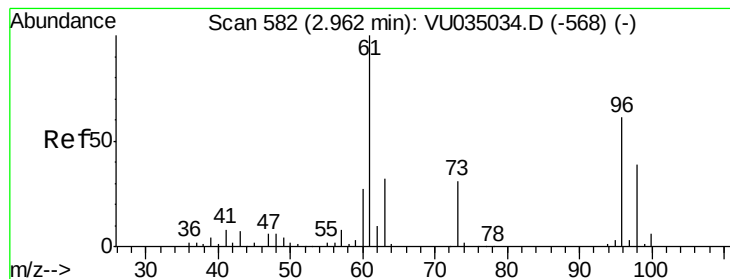


Abundance Ion 73.10 (72.80 to 73.80): VU035046.D (-497) (-)

Ion 43.05 (42.75 to 43.75): VU035046.D (-497) (-)

Ion 57.10 (56.80 to 57.80): VU035046.D (-497) (-)





#18

trans-1,2-Dichloroethene

Concen: 6.799 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampled :

DBAQ4

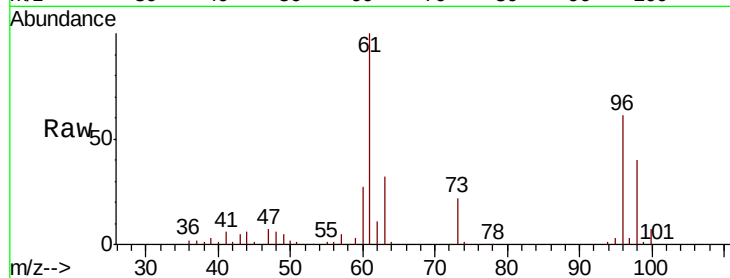
Tot Ion: 96 Resp: 78473

Ion Ratio Lower Upper

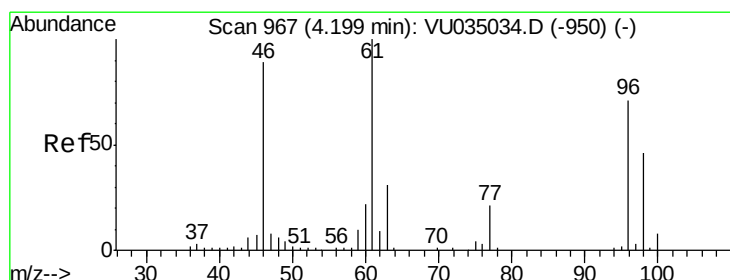
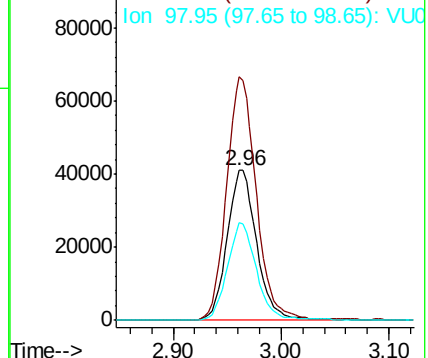
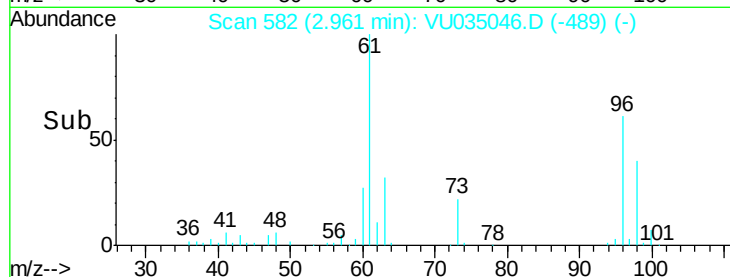
96 100

61 162.6 107.1 198.9

98 65.1 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035046.D (-489) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.455 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

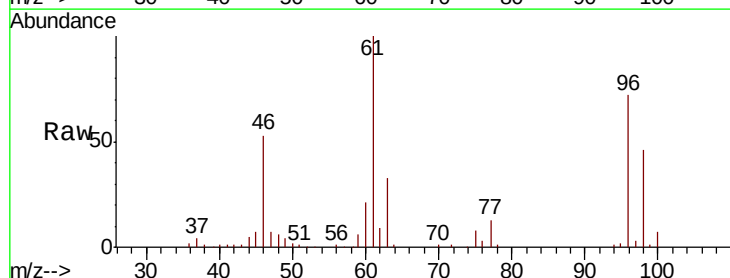
Tgt Ion: 96 Resp: 83102

Ion Ratio Lower Upper

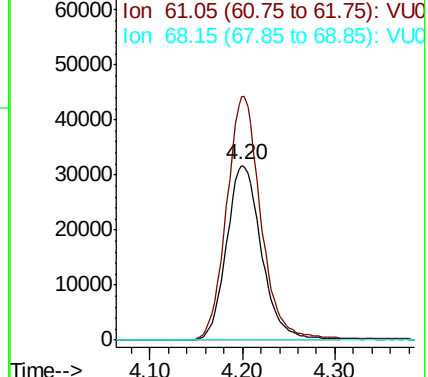
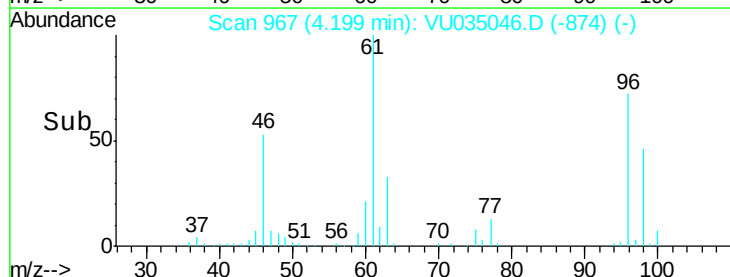
96 100

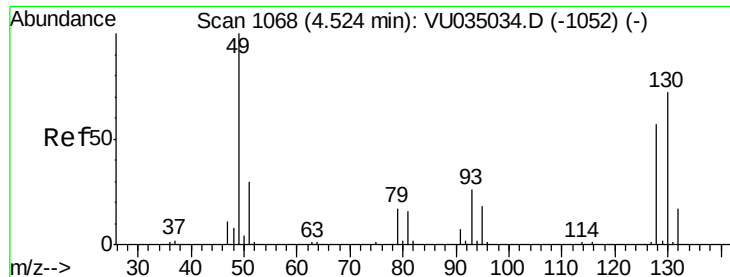
61 139.0 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035046.D (-874) (-)

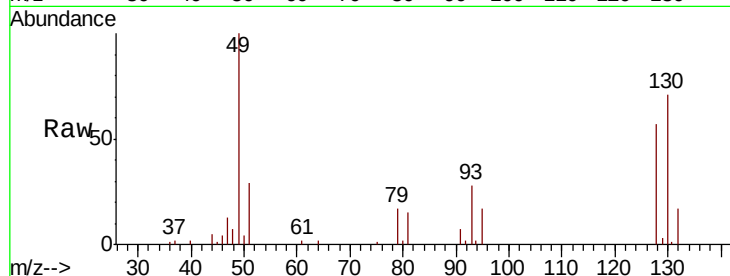




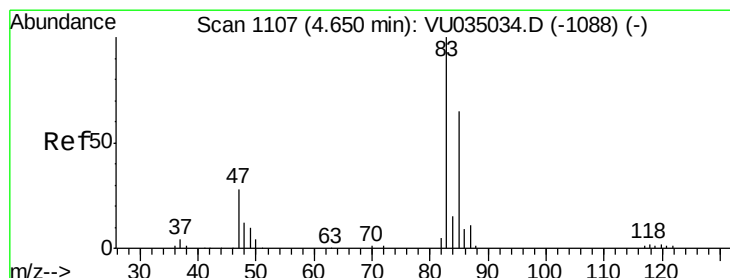
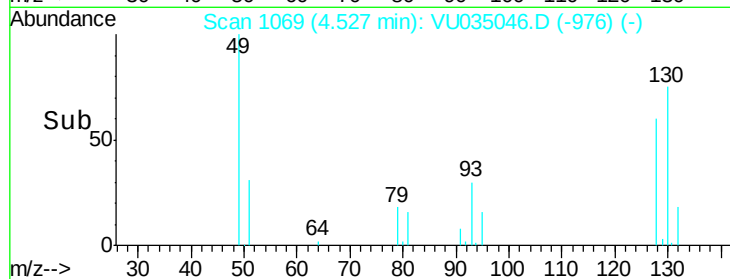
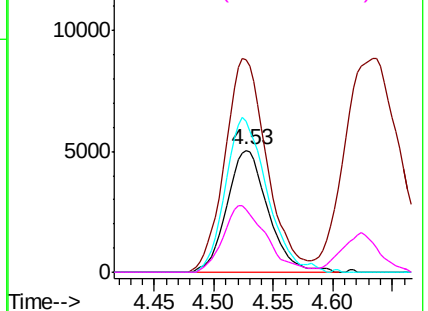
#23
Bromochloromethane
Concen: 2.239 ug/L
RT: 4.53 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Instrument :
MSVOA_U
ClientSampleId :
DBAQ4

Tot Ion:128 Resp: 12080
Ion Ratio Lower Upper
128 100
49 174.6 110.5 205.3
130 123.8 88.6 164.6
51 51.1 43.2 64.8

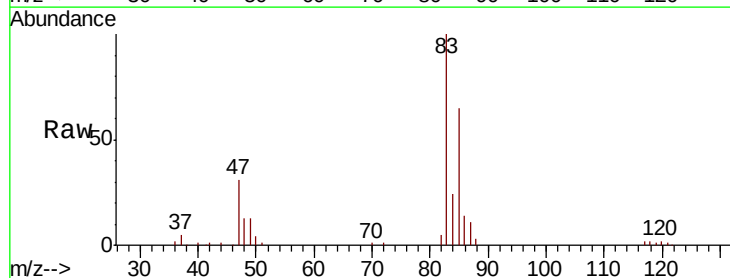


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VU0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VU0

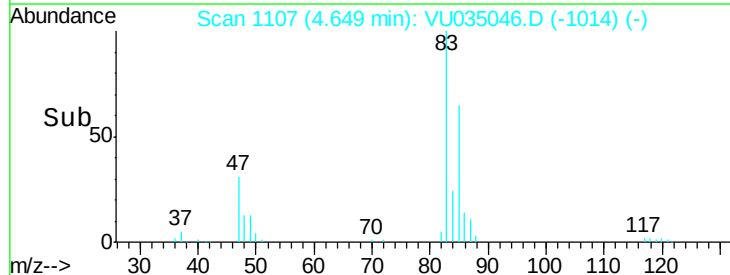
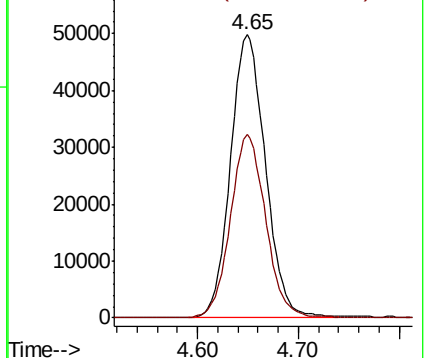


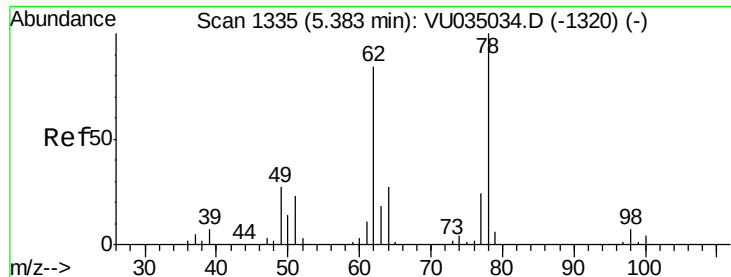
#25
Chloroform
Concen: 4.658 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Tgt Ion: 83 Resp: 120059
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

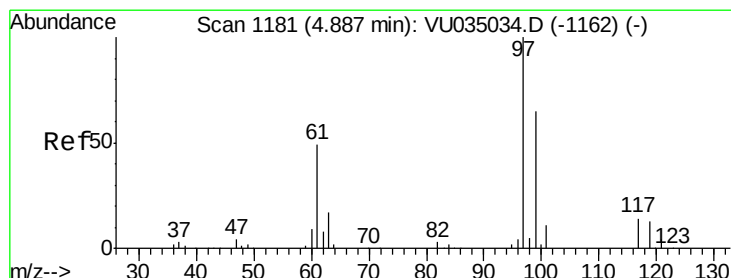
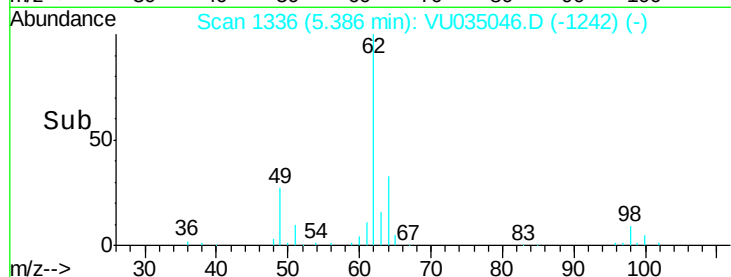
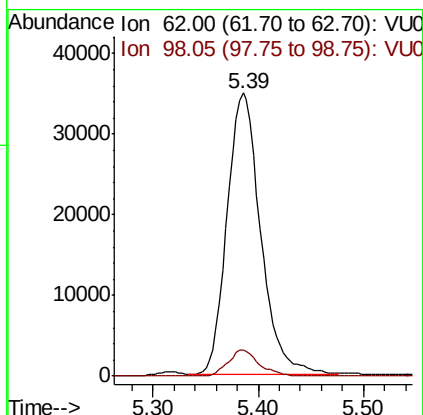
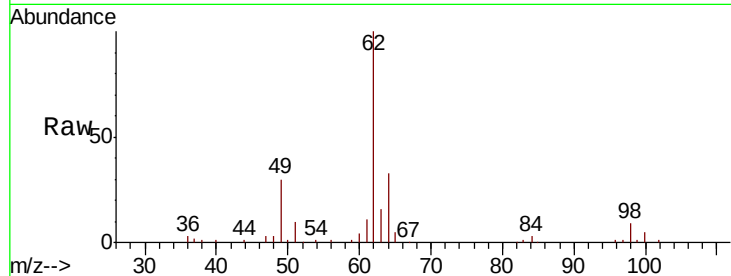




#27
 1,2-Dichloroethane
 Concen: 5.118 ug/L
 RT: 5.39 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU035046.D
 Acq: 10 Oct 2019 14:20

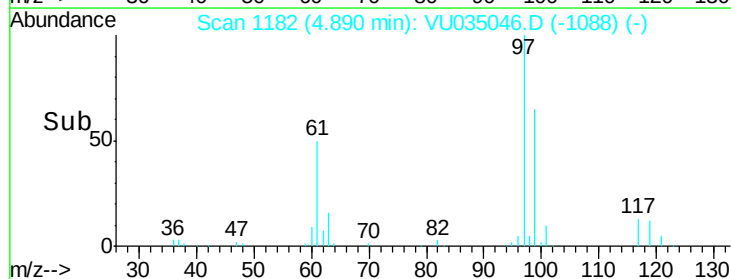
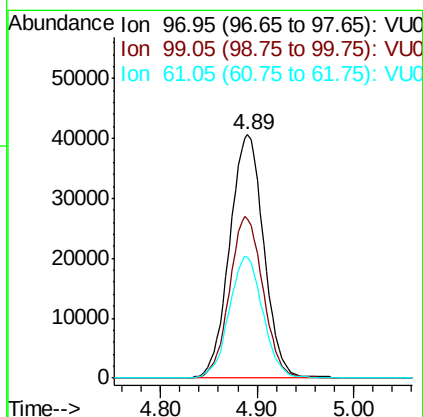
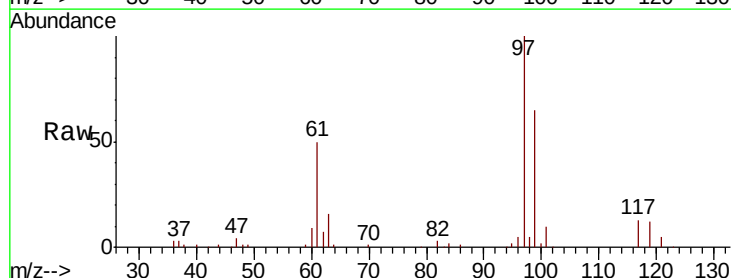
Instrument :
 MSVOA_U
 ClientSampleId :
 DBAQ4

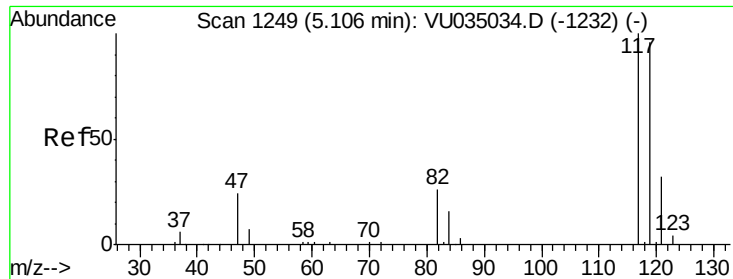
Tot Ion: 62 Resp: 77048
 Ion Ratio Lower Upper
 62 100
 98 9.2 6.6 10.0



#29
 1,1,1-Trichloroethane
 Concen: 5.303 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU035046.D
 Acq: 10 Oct 2019 14:20

Tgt Ion: 97 Resp: 99524
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.6 77.4
 61 49.4 36.2 54.4





#31

Carbon tetrachloride

Concen: 5.263 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

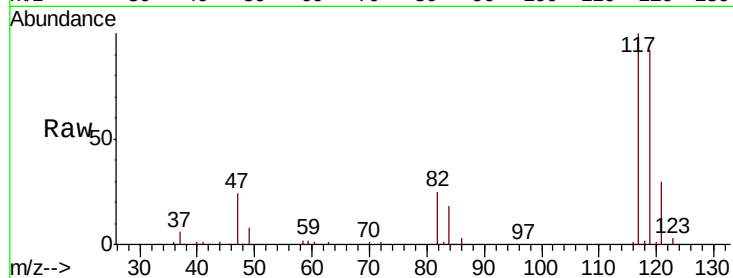
DBAQ4

Tot Ion:117 Resp: 85651

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.11

40000

30000

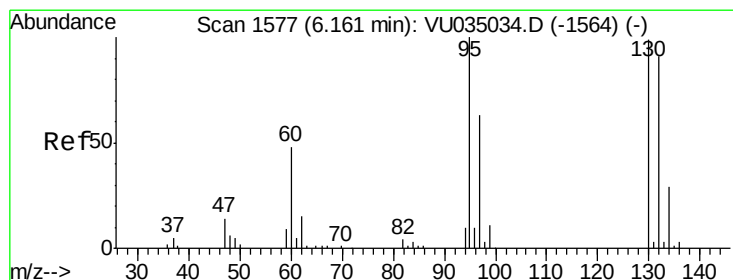
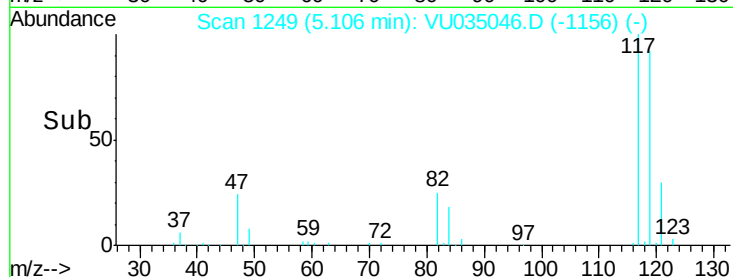
20000

10000

0

Time-->

5.00 5.05 5.10 5.15 5.20



#34

Trichloroethene

Concen: 8.539 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Tgt Ion: 95 Resp: 110844

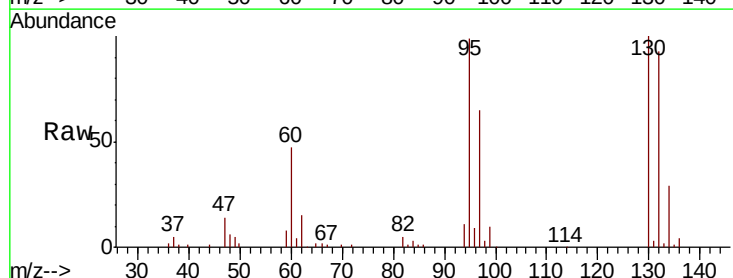
Ion Ratio Lower Upper

95 100

97 65.5 44.5 82.7

132 94.6 66.6 123.8

130 101.4 68.9 127.9



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

80000

60000

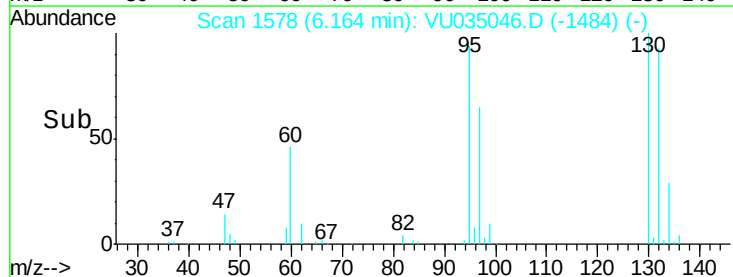
40000

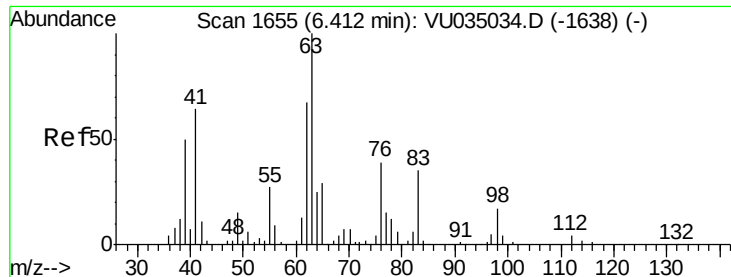
20000

0

Time-->

6.10 6.20 6.30

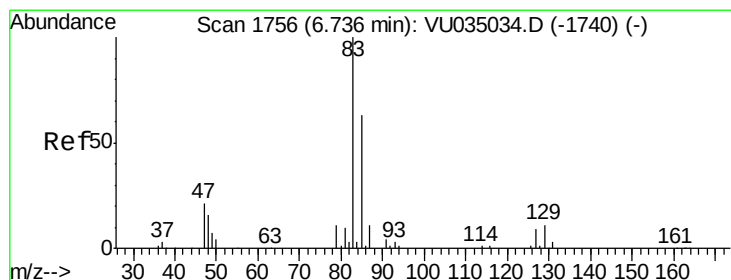
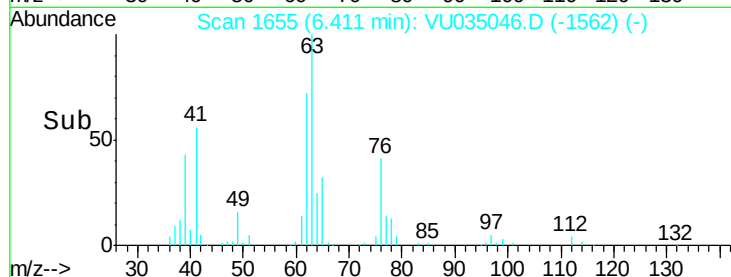
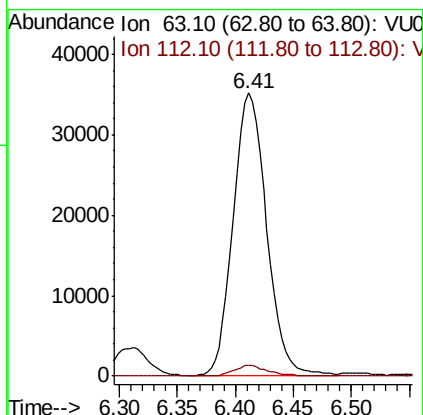
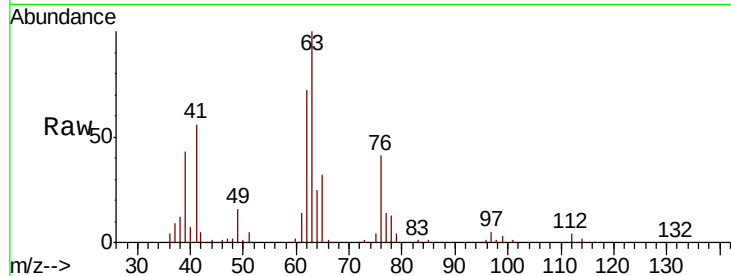




#37
 1,2-Dichloropropane
 Concen: 5.212 ug/L
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU035046.D
 Acq: 10 Oct 2019 14:20

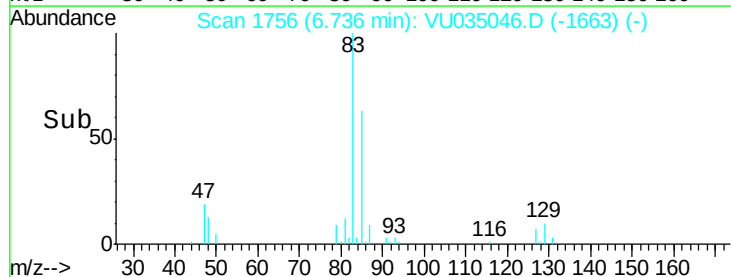
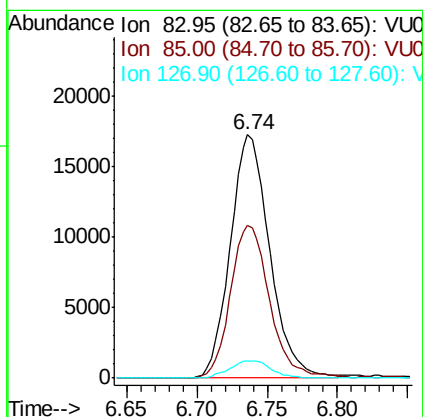
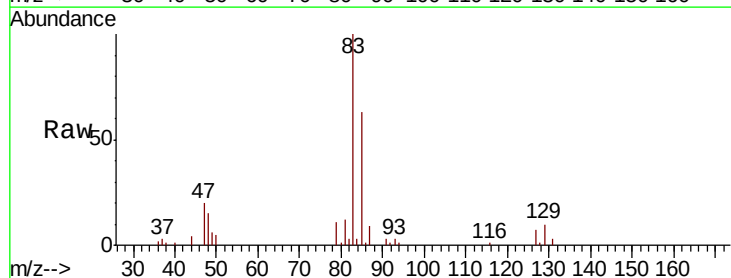
Instrument :
 MSVOA_U
 ClientSampleId :
 DBAQ4

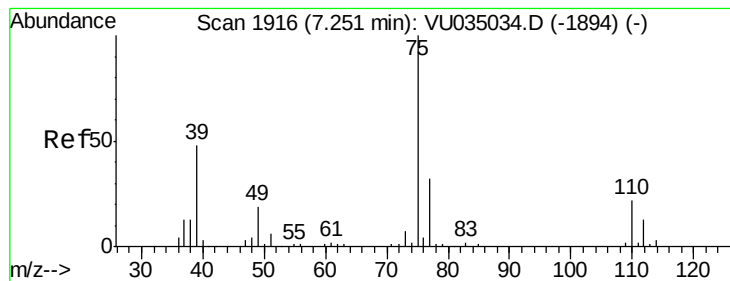
Tot Ion: 63 Resp: 70766
 Ion Ratio Lower Upper
 63 100
 112 3.7 3.1 4.7



#38
 Bromodichloromethane
 Concen: 2.125 ug/L
 RT: 6.74 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VU035046.D
 Acq: 10 Oct 2019 14:20

Tgt Ion: 83 Resp: 33828
 Ion Ratio Lower Upper
 83 100
 85 62.5 44.0 81.8
 127 7.2 7.0 10.4



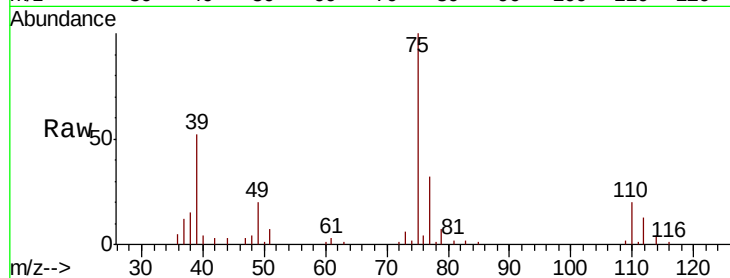


#39

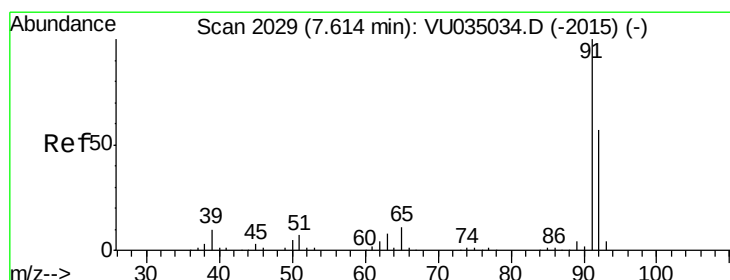
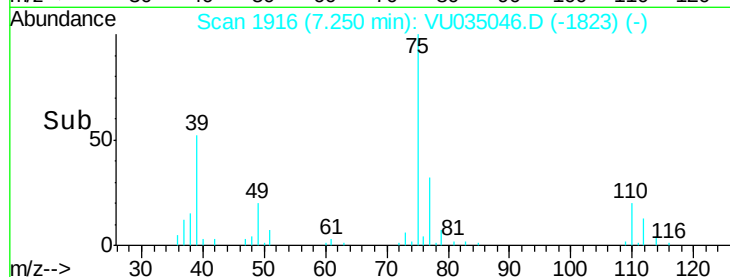
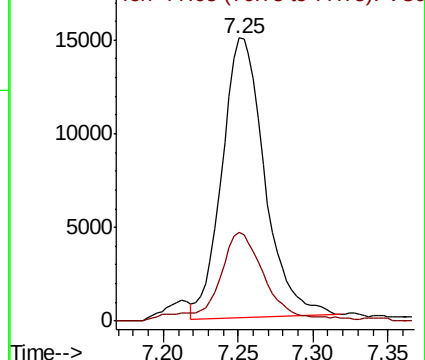
cis-1,3-Dichloropropene
Concen: 1.616 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Instrument :
MSVOA_U
ClientSampleId :
DBAQ4

Tot Ion: 75 Resp: 29733
Ion Ratio Lower Upper
75 100
77 31.6 22.1 41.1



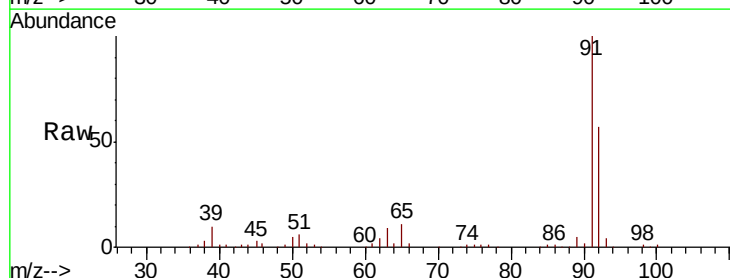
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



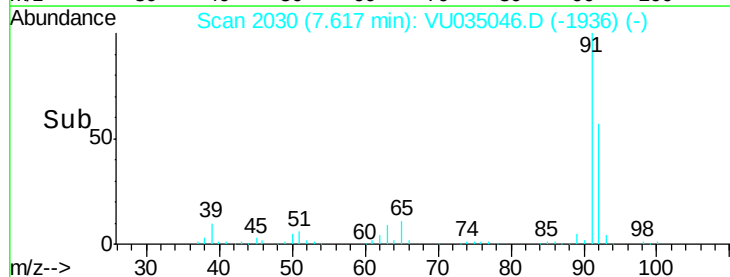
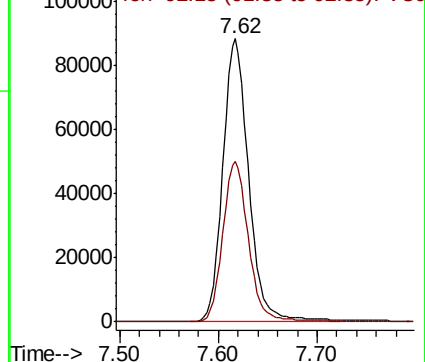
#42

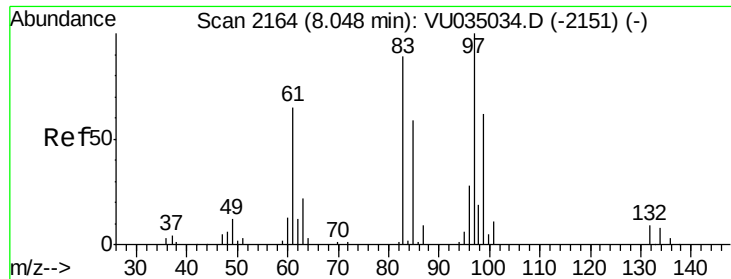
Toluene
Concen: 3.104 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Tgt Ion: 91 Resp: 163108
Ion Ratio Lower Upper
91 100
92 56.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

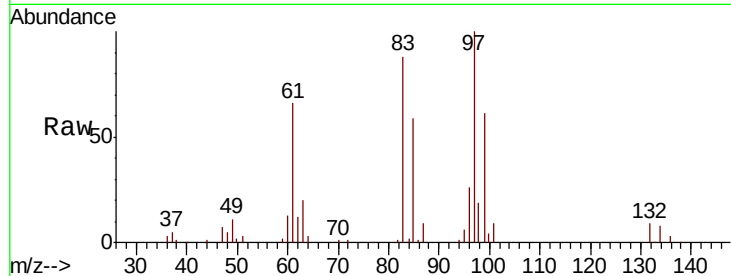




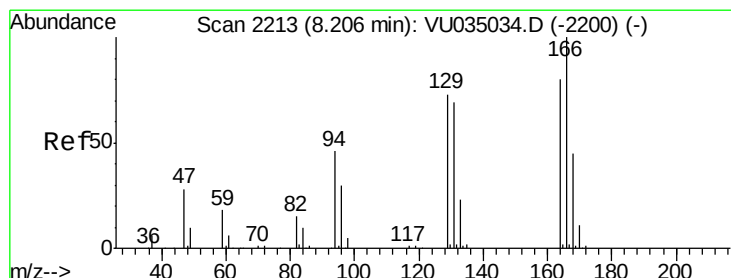
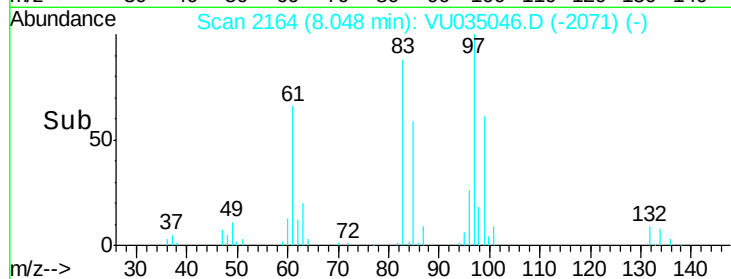
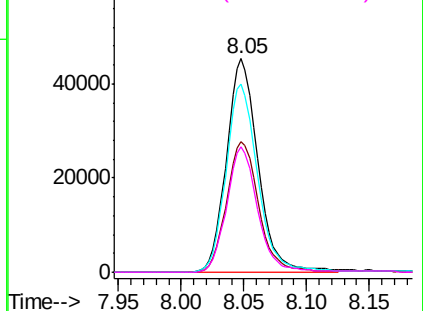
#45
1,1,2-Trichloroethane
Concen: 8.812 ug/L
RT: 8.05 min Scan# 2164
Delta R.T. -0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Instrument :
MSVOA_U
ClientSampleId :
DBAQ4

Tot Ion:	97	Resp:	79444
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.3	78.5
83	88.3	58.0	107.6
85	58.7	37.8	70.2

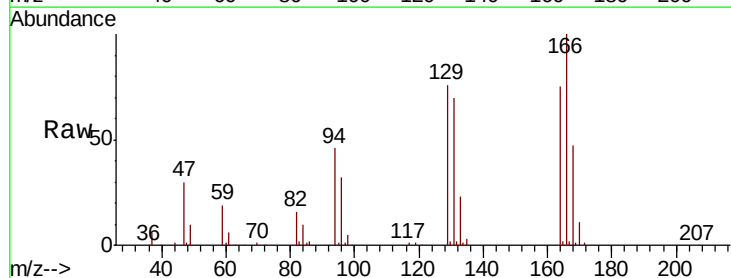


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0

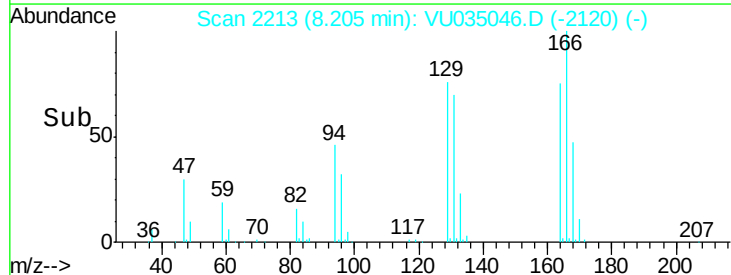
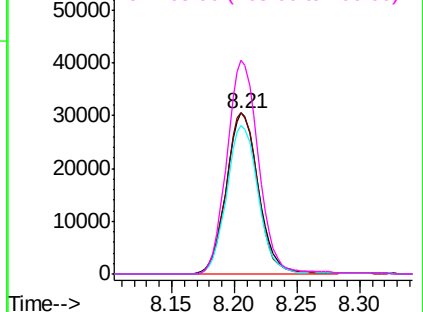


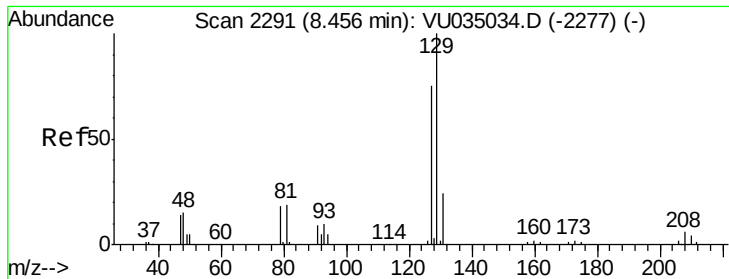
#47
Tetrachloroethene
Concen: 5.181 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Tgt Ion:	164	Resp:	54436
Ion	Ratio	Lower	Upper
164	100		
129	100.6	68.5	127.1
131	92.8	67.3	124.9
166	132.9	93.1	172.9



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 6.005 ug/L

RT: 8.46 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

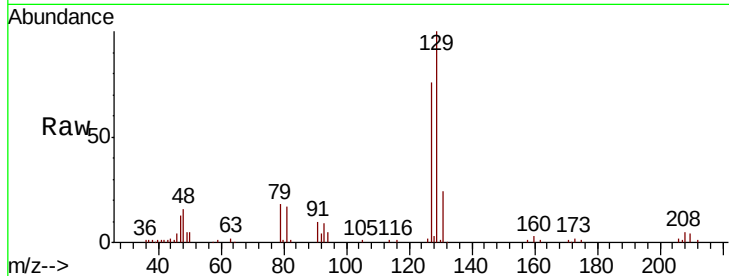
DBAQ4

Tot Ion:129 Resp: 62579

Ion Ratio Lower Upper

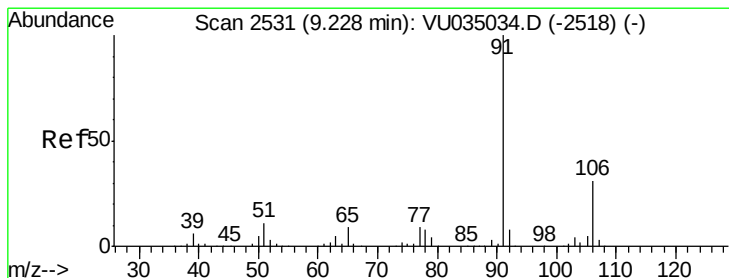
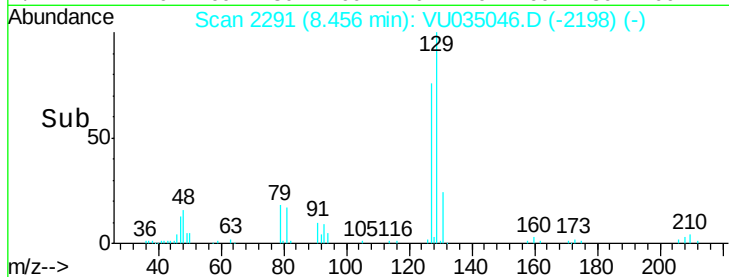
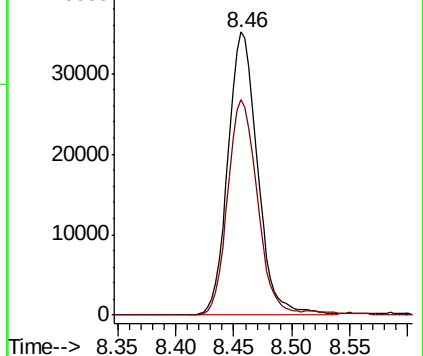
129 100

127 76.0 51.9 96.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

Ethylbenzene

Concen: 10.642 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU035046.D

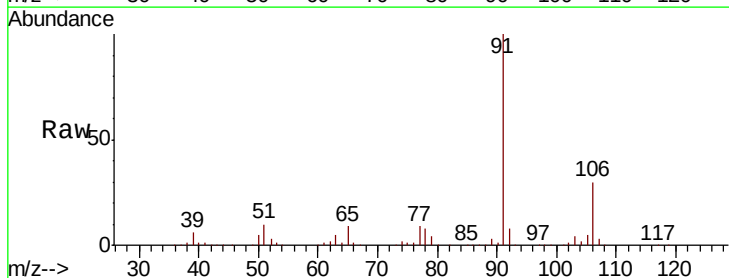
Acq: 10 Oct 2019 14:20

Tgt Ion: 91 Resp: 617565

Ion Ratio Lower Upper

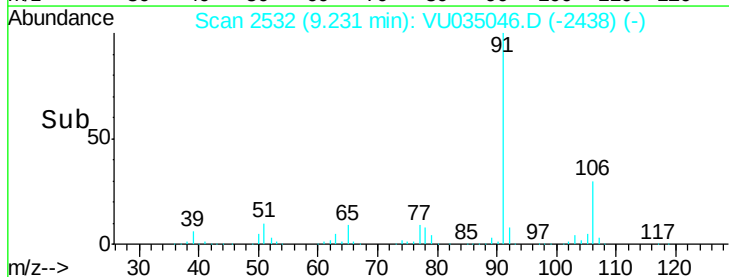
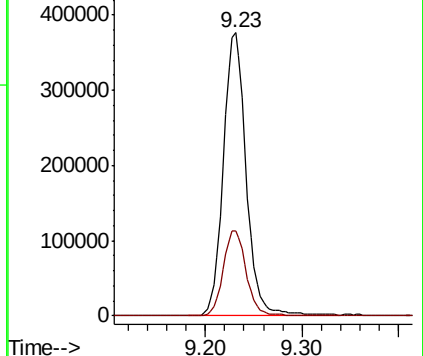
91 100

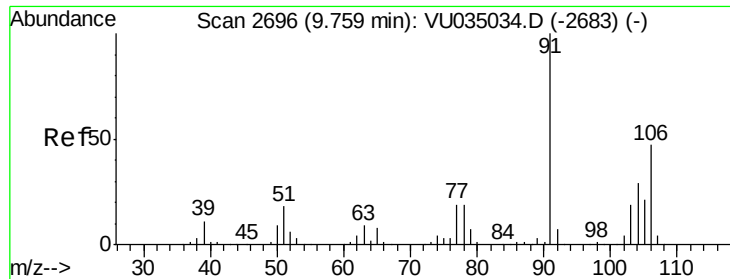
106 30.1 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

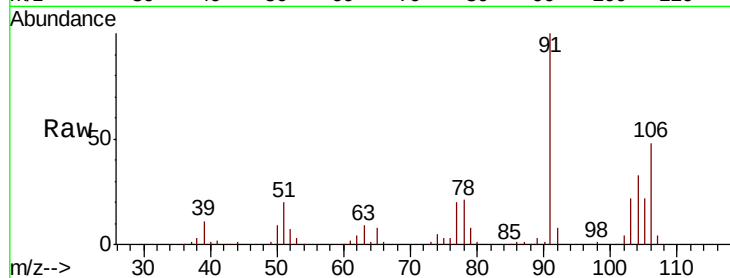




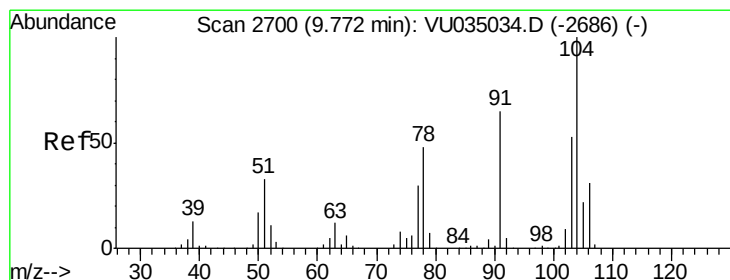
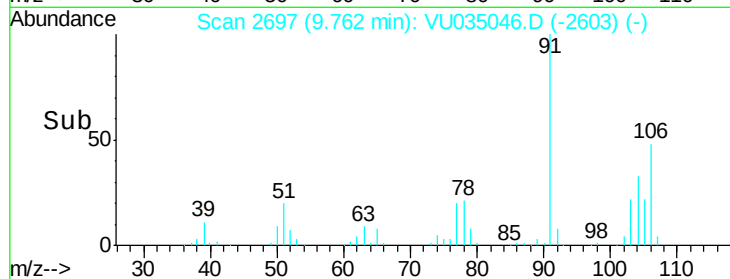
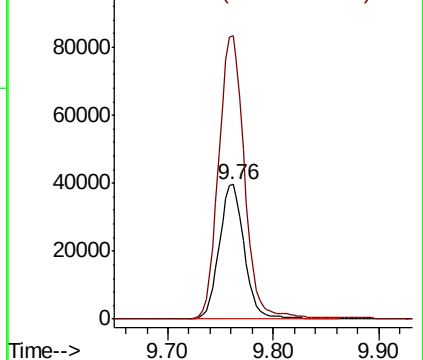
#54
o-Xylene
Concen: 3.130 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Instrument :
MSVOA_U
ClientSampleId :
DBAQ4

Tot Ion:106 Resp: 65618
Ion Ratio Lower Upper
106 100
91 209.9 148.5 275.7

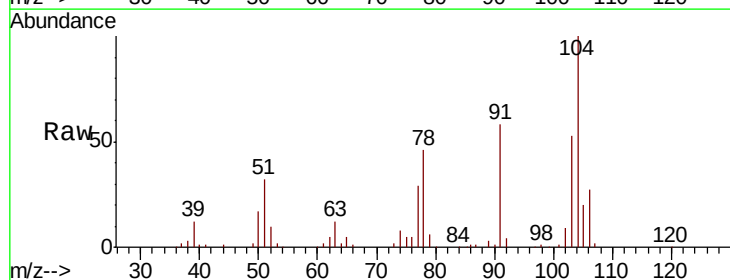


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

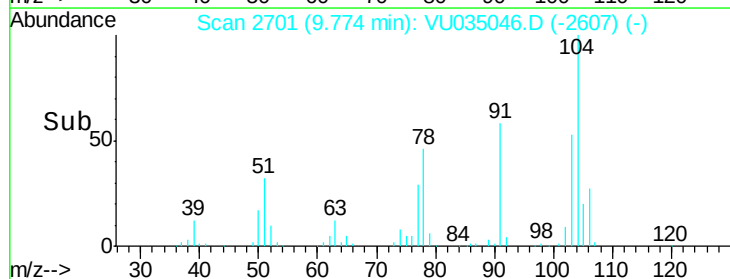
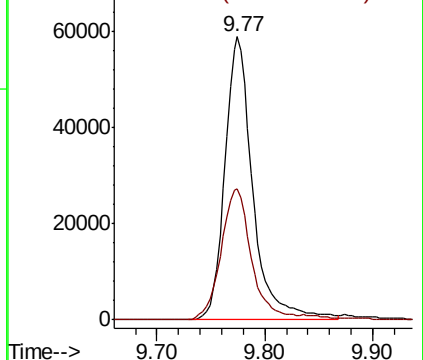


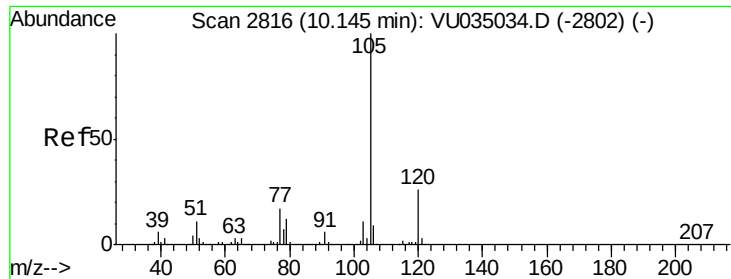
#55
Styrene
Concen: 3.138 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU035046.D
Acq: 10 Oct 2019 14:20

Tgt Ion:104 Resp: 106540
Ion Ratio Lower Upper
104 100
78 46.2 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 7.595 ug/L

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

DBAQ4

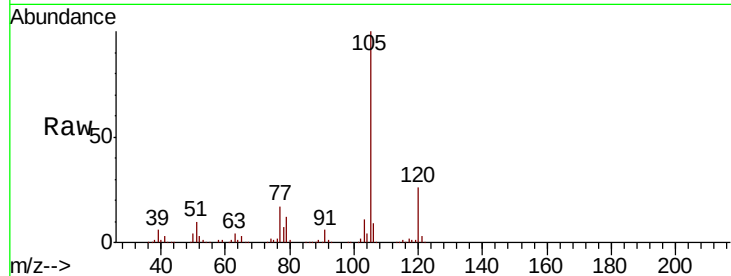
Tot Ion:105 Resp: 424170

Ion Ratio Lower Upper

105 100

120 26.3 21.3 31.9

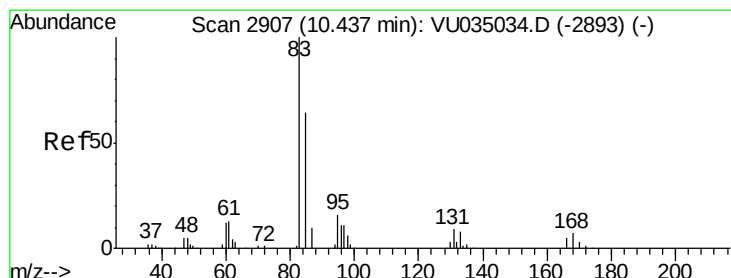
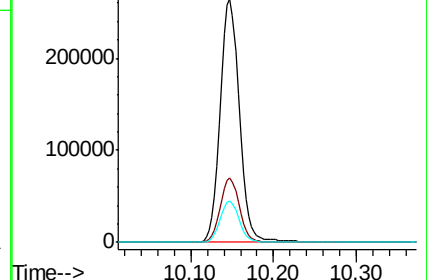
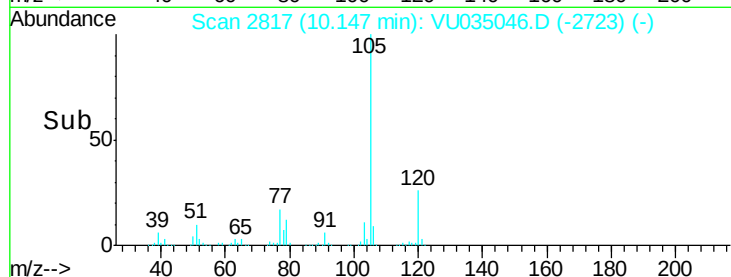
77 16.7 13.0 19.4



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



#58

1,1,2,2-Tetrachloroethane

Concen: 4.996 ug/L

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU035046.D

Acq: 10 Oct 2019 14:20

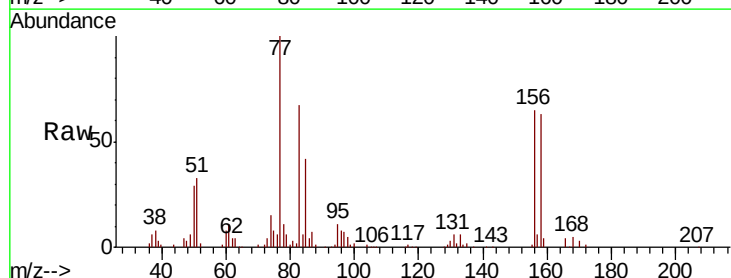
Tgt Ion: 83 Resp: 61255

Ion Ratio Lower Upper

83 100

85 63.2 44.6 82.8

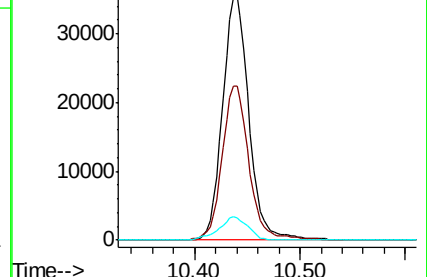
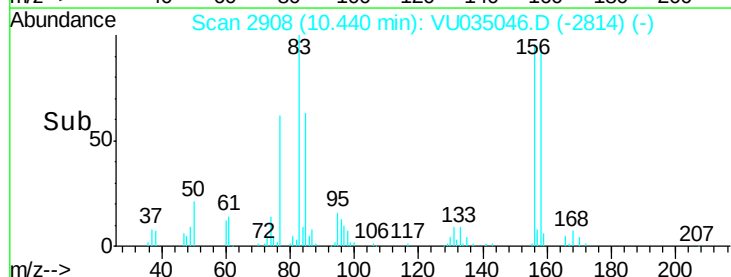
131 9.1 7.4 11.2

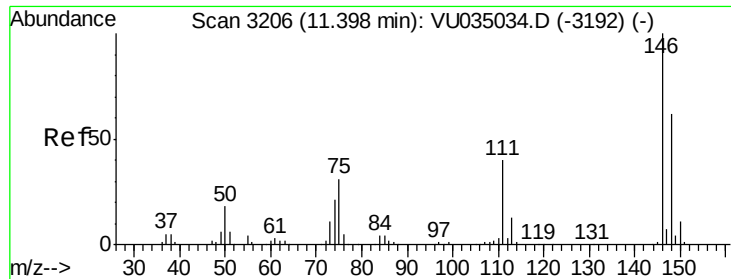


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

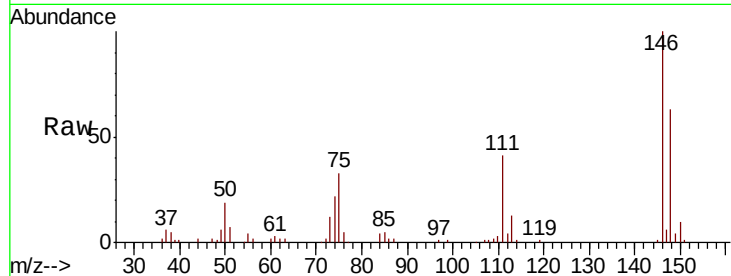




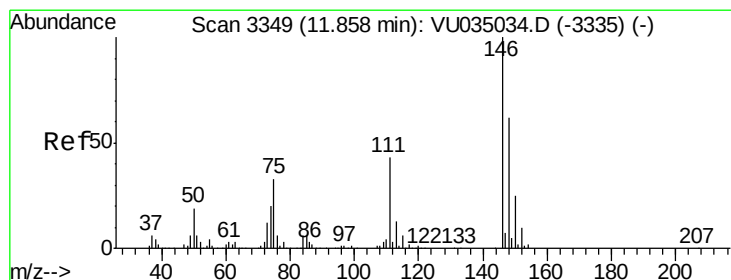
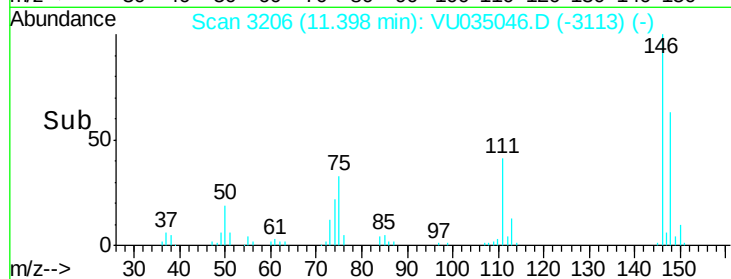
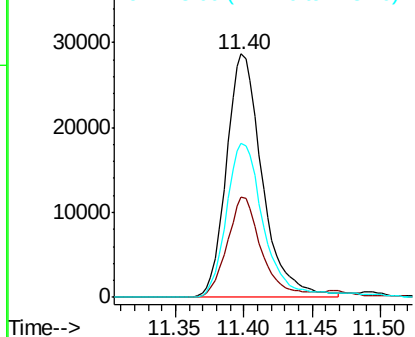
#62
 1,3-Dichlorobenzene
 Concen: 2.114 ug/L
 RT: 11.40 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU035046.D
 Acq: 10 Oct 2019 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAQ4

Tot Ion:146 Resp: 52493
 Ion Ratio Lower Upper
 146 100
 111 41.4 28.6 53.2
 148 63.1 45.0 83.6

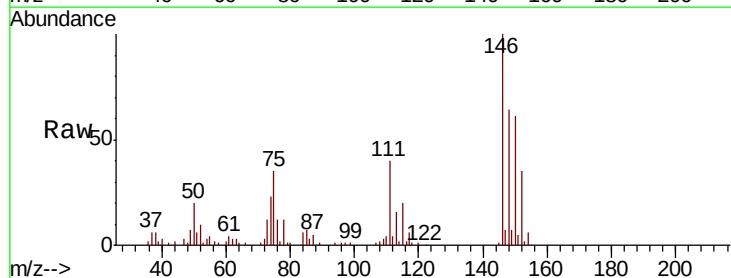


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#65
 1,2-Dichlorobenzene
 Concen: 2.107 ug/L
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU035046.D
 Acq: 10 Oct 2019 14:20

Tgt Ion:146 Resp: 50467
 Ion Ratio Lower Upper
 146 100
 111 40.1 34.2 51.4
 148 63.6 52.0 78.0



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

