

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037418.D
 Acq On : 28 Mar 2020 15:43
 Operator : JC/MD
 Sample : L2002-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:22:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	156817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	149840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35642	3.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.60%
7) Chloroethane-d5	1.93	69	28193	3.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.00%
11) 1,1-Dichloroethene-d2	2.59	63	84303	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.68	46	104128	33.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.00%
24) Chloroform-d	5.11	84	71658	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.60%#
26) 1,2-Dichloroethane-d4	5.74	65	39494	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
32) Benzene-d6	5.76	84	137734	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.60%#
36) 1,2-Dichloropropane-d6	6.73	67	45065	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.00%
41) Toluene-d8	7.93	98	125740	3.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.20%#
43) trans-1,3-Dichloropropene-	8.20	79	20768	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.66	63	89261	33.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37872	3.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	46947	3.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	61.20%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	30537	2.321	ug/L 98
3) Chloromethane	1.53	50	72511	6.217	ug/L 99
5) Vinyl chloride	1.62	62	56044	4.565	ug/L 99
6) Bromomethane	1.87	94	31936	4.616	ug/L 95
8) Chloroethane	1.95	64	27707	4.046	ug/L 95
9) Trichlorofluoromethane	2.16	101	141704	8.622	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42480	4.242	ug/L 97
12) 1,1-Dichloroethene	2.60	96	54104	5.246	ug/L 84
16) Methylene chloride	3.08	84	34640	3.005	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	141870	5.055	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	65878	6.108	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	70364	5.822	ug/L 99
23) Bromochloromethane	5.02	128	10080	1.888	ug/L 99
25) Chloroform	5.13	83	92283	4.352	ug/L 99
27) 1,2-Dichloroethane	5.83	62	65006	4.589	ug/L 98
29) 1,1,1-Trichloroethane	5.36	97	90820	4.822	ug/L 98
31) Carbon tetrachloride	5.56	117	78890	4.851	ug/L 99

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

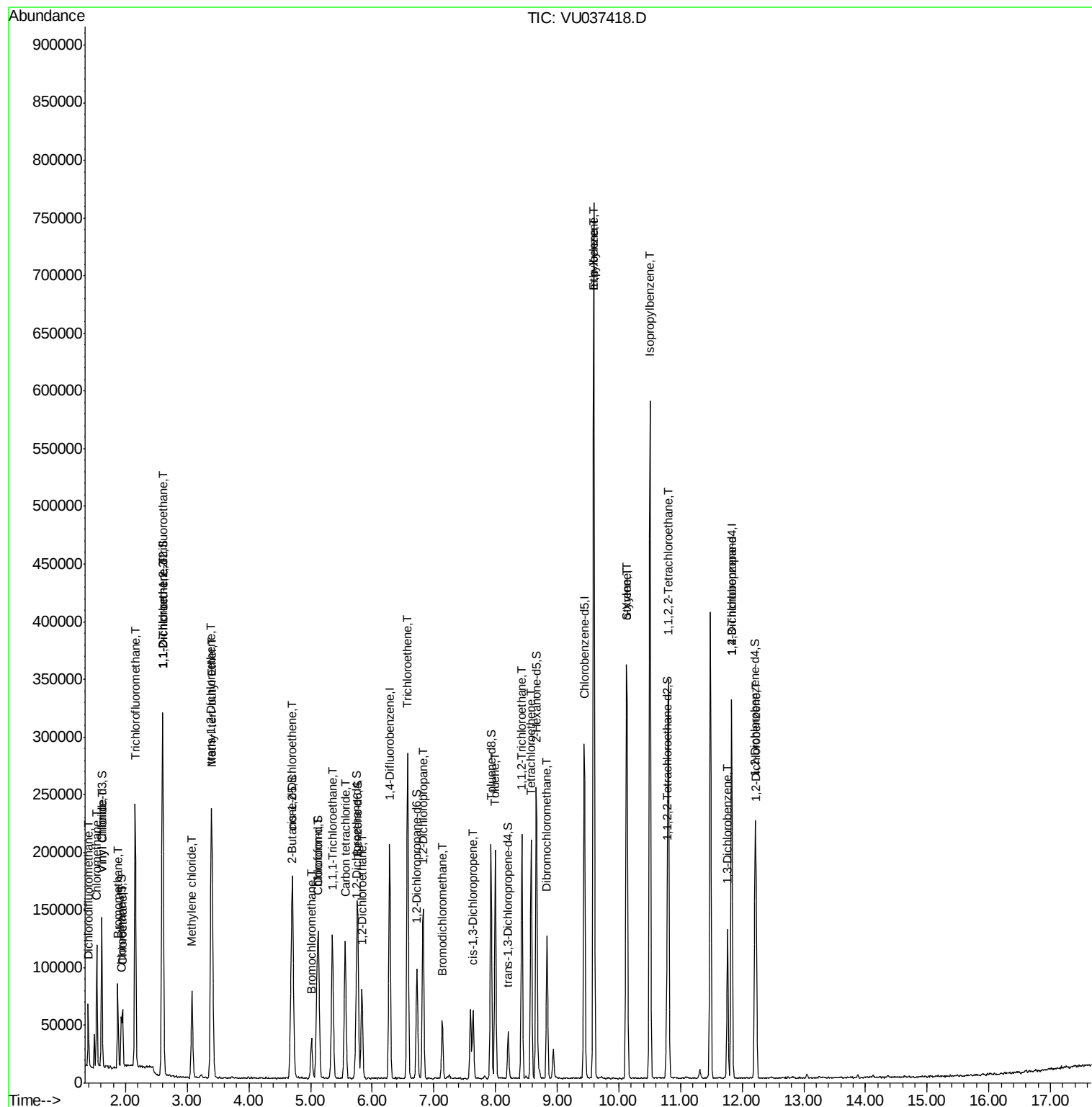
34) Trichloroethene	6.57	95	95441	7.552	ug/L	96
37) 1,2-Dichloropropane	6.83	63	55314	4.822	ug/L	98
38) Bromodichloromethane	7.14	83	31707	2.021	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	33475	1.790	ug/L	99
42) Toluene	8.00	91	138024	2.886	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	63487	7.400	ug/L	93
47) Tetrachloroethene	8.58	164	42324	4.862	ug/L	97
49) Dibromochloromethane	8.83	129	60572	5.721	ug/L	100
52) Ethylbenzene	9.59	91	527351	9.609	ug/L	100
53) m,p-Xylene	9.59	106	159984	7.715	ug/L #	24
54) o-Xylene	10.12	106	59321	2.931	ug/L	95
55) Styrene	10.13	104	102466	2.963	ug/L	99
56) Isopropylbenzene	10.50	105	366097	6.790	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	48880	4.463	ug/L	95
59) 1,2,3-Trichloropropane	11.83	75	10813	1.355	ug/L	94
62) 1,3-Dichlorobenzene	11.76	146	48706	1.942	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	46463	1.919	ug/L	99

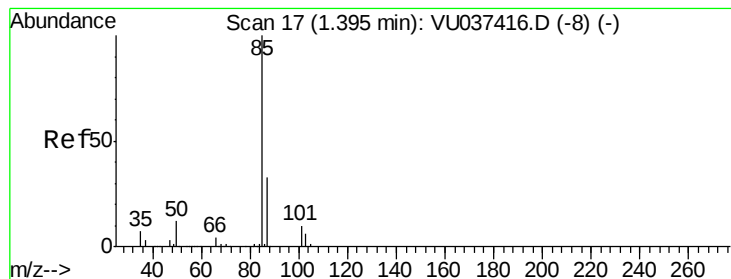
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.321 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

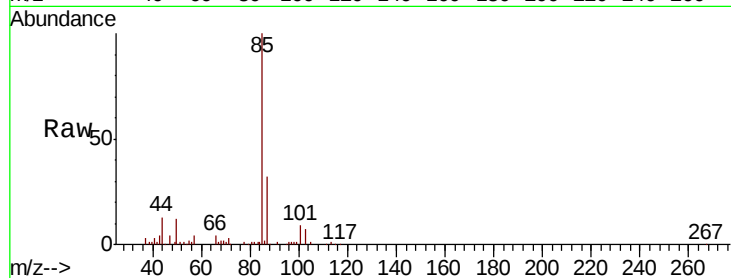
ClientSampleId :

Tot Ion: 85 Resp: 30537

Ion Ratio Lower Upper

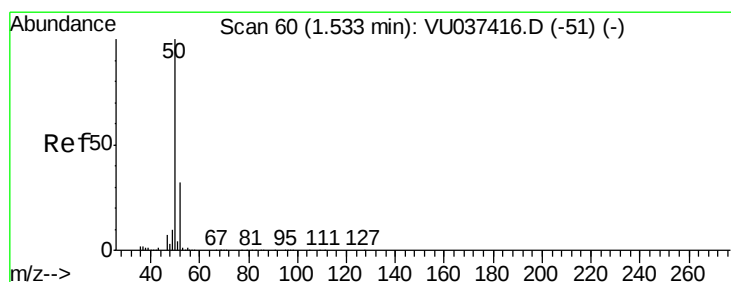
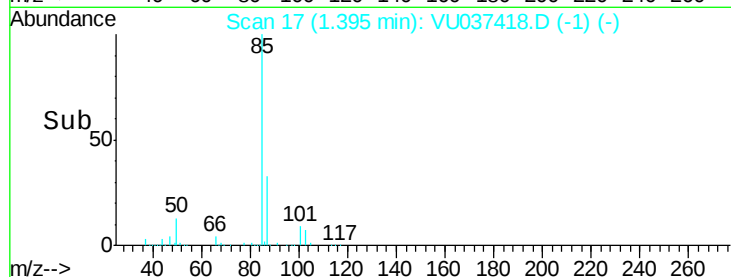
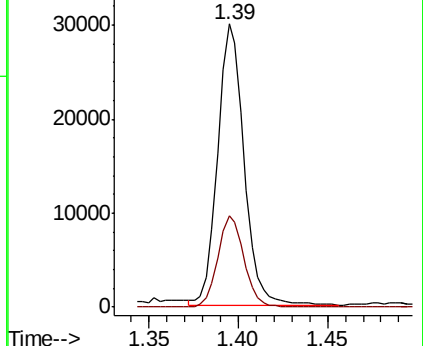
85 100

87 32.1 24.9 37.3



Abundance Ion 85.00 (84.70 to 85.70): VU037418.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VU037418.D (-8) (-)



#3

Chloromethane

Concen: 6.217 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037418.D

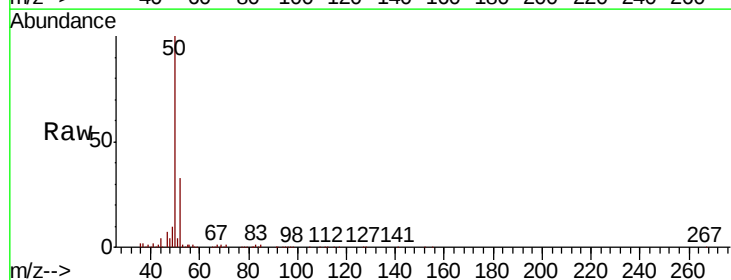
Acq: 28 Mar 2020 15:43

Tgt Ion: 50 Resp: 72511

Ion Ratio Lower Upper

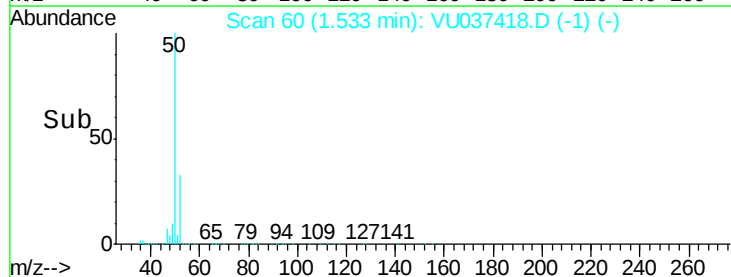
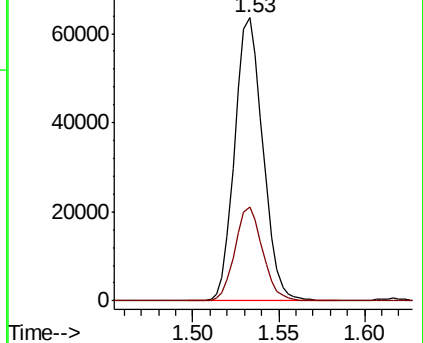
50 100

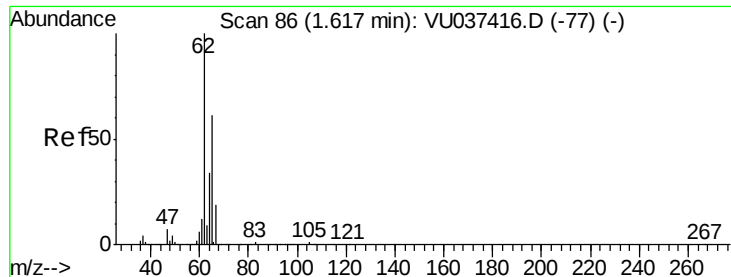
52 33.2 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU037418.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU037418.D (-51) (-)





#5

Vinyl chloride

Concen: 4.565 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

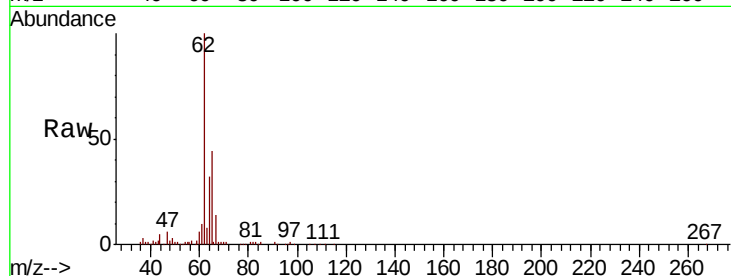
ClientSampled :

Tot Ion: 62 Resp: 56044

Ion Ratio Lower Upper

62 100

64 31.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU037418.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU037418.D (-77) (-)

1.62

50000

40000

30000

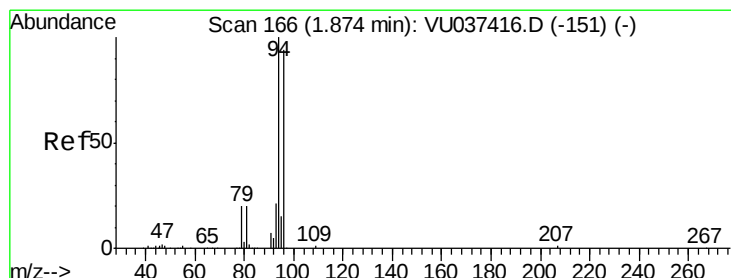
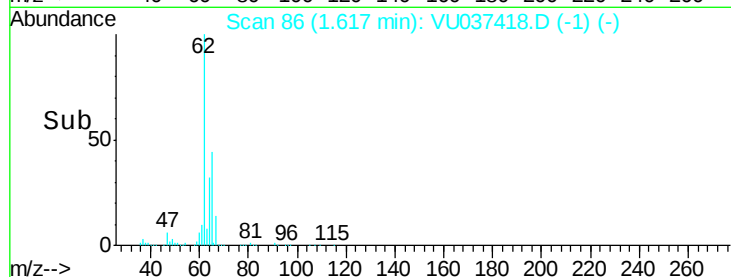
20000

10000

0

1.60 1.65

Time-->



#6

Bromomethane

Concen: 4.616 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037418.D

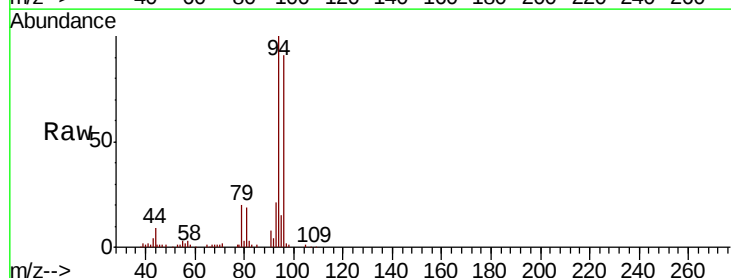
Acq: 28 Mar 2020 15:43

Tgt Ion: 94 Resp: 31936

Ion Ratio Lower Upper

94 100

96 90.6 66.8 124.2



Abundance Ion 94.00 (93.70 to 94.70): VU037418.D (-151) (-)

Ion 96.00 (95.70 to 96.70): VU037418.D (-151) (-)

1.87

30000

25000

20000

15000

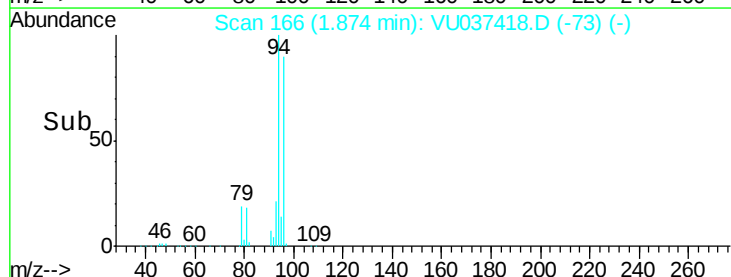
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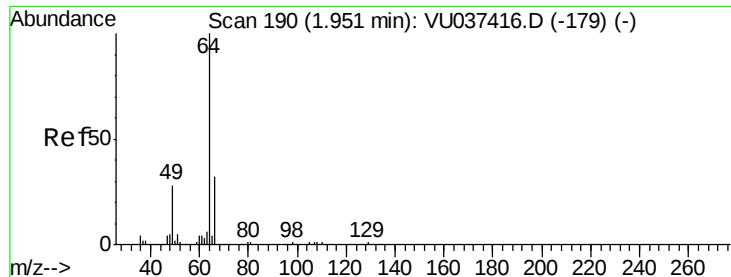
5000

0

1.80 1.85 1.90 1.95

Time-->

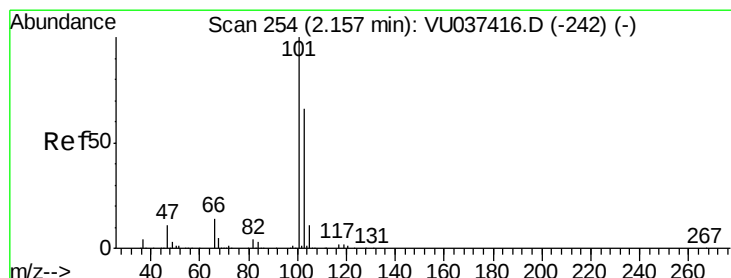
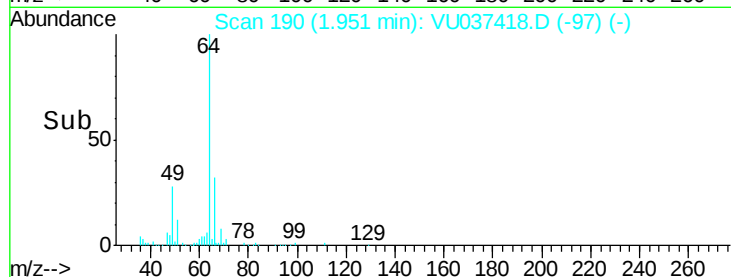
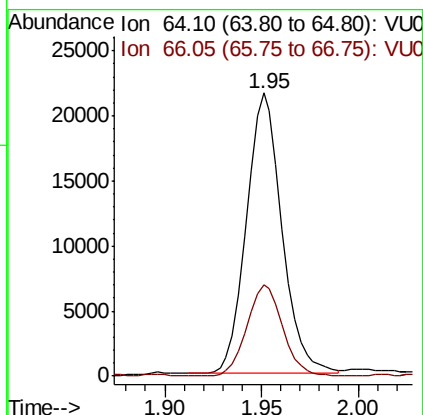
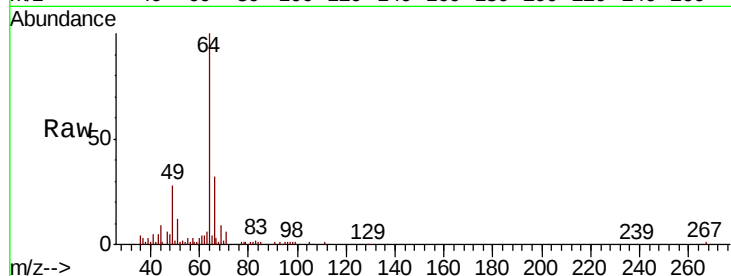




#8
Chloroethane
Concen: 4.046 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

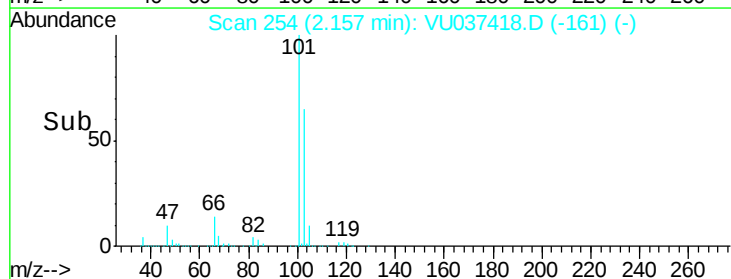
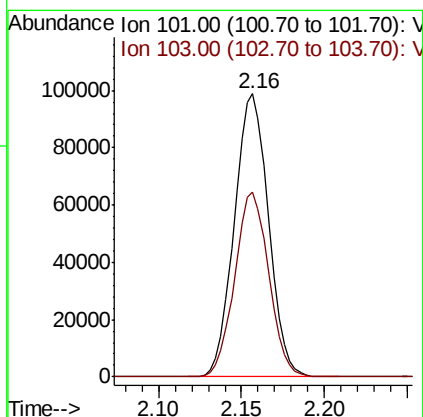
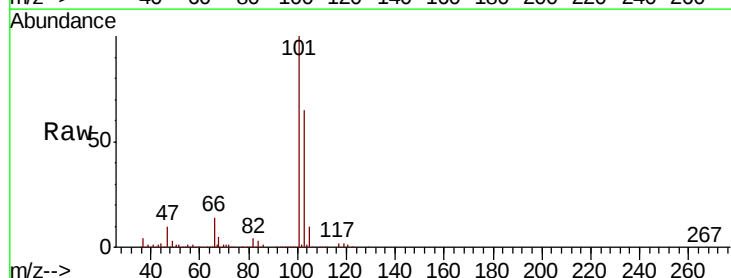
Instrument :
MSVOA_U
ClientSampleId :

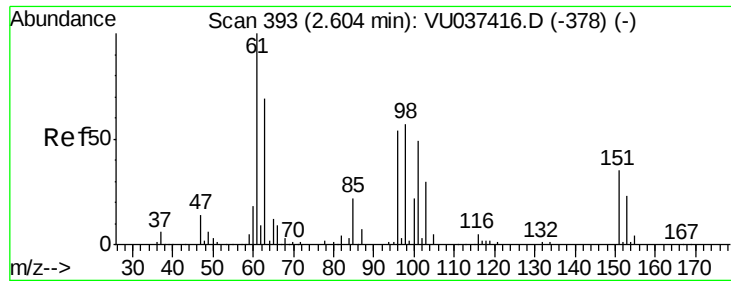
Tot Ion: 64 Resp: 27707
Ion Ratio Lower Upper
64 100
66 32.4 24.8 46.0



#9
Trichlorofluoromethane
Concen: 8.622 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

Tgt Ion: 101 Resp: 141704
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6





#10

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

Concen: 4.242 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

ClientSampled :

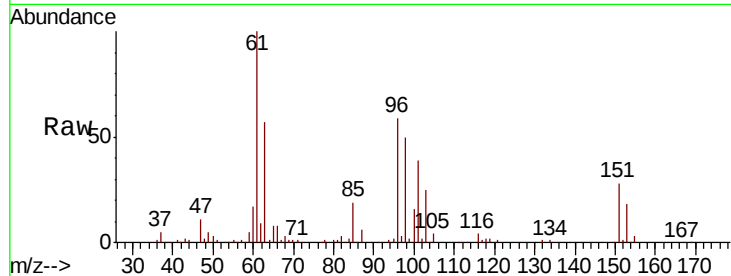
Tot Ion:101 Resp: 42480

Ion Ratio Lower Upper

101 100

85 46.3 39.0 58.6

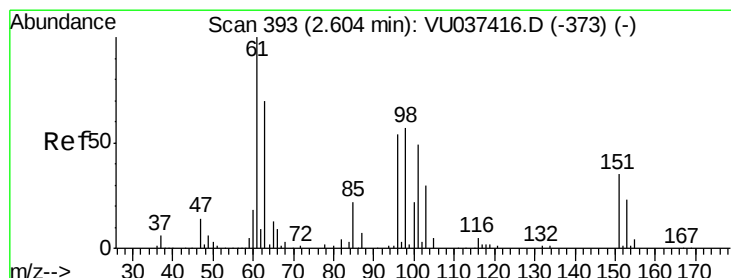
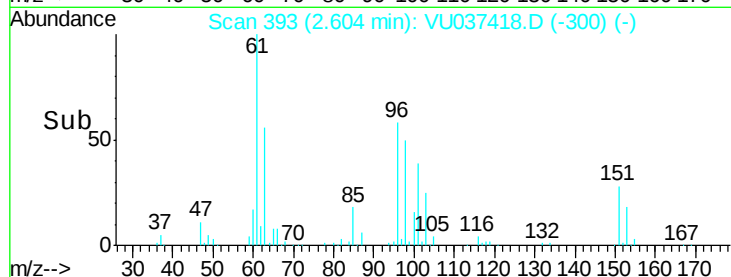
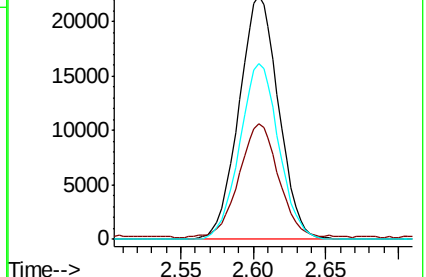
151 71.2 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): VU037418.D (-300) (-)

Ion 85.00 (84.70 to 85.70): VU037418.D (-300) (-)

Ion 151.00 (150.70 to 151.70): VU037418.D (-300) (-)



#12

1,1-Dichloroethene

Concen: 5.246 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

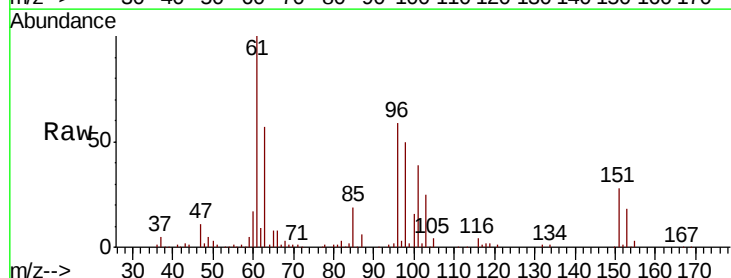
Tgt Ion: 96 Resp: 54104

Ion Ratio Lower Upper

96 100

61 170.2 125.4 232.8

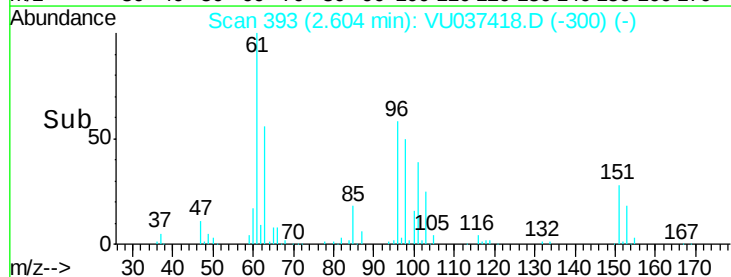
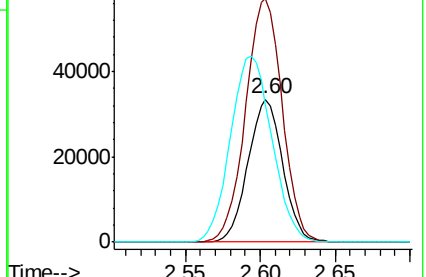
63 96.4 90.9 168.7

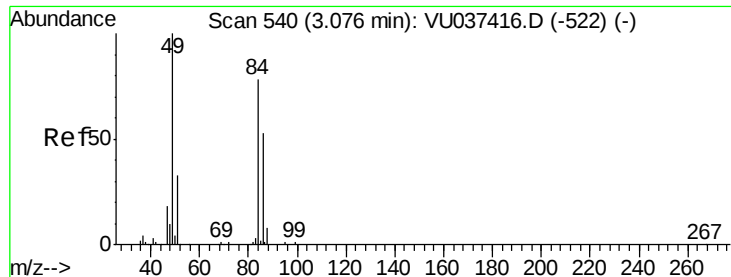


Abundance Ion 96.00 (95.70 to 96.70): VU037418.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU037418.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037418.D (-300) (-)

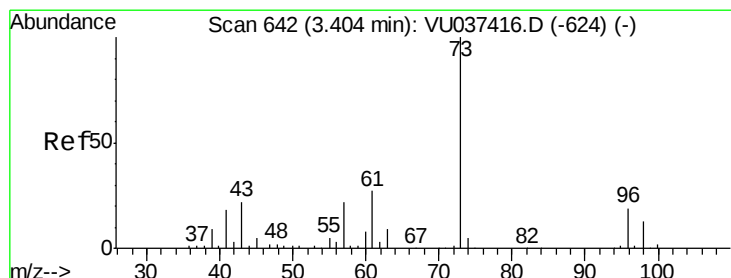
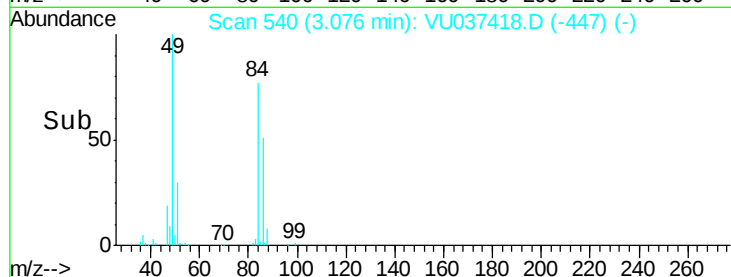
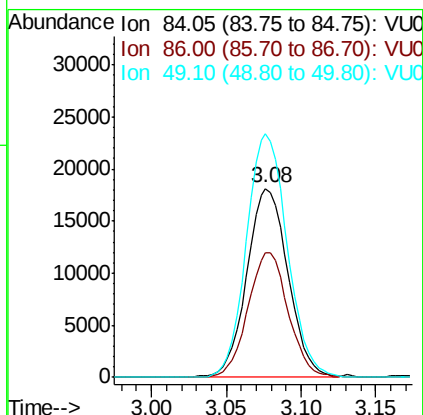
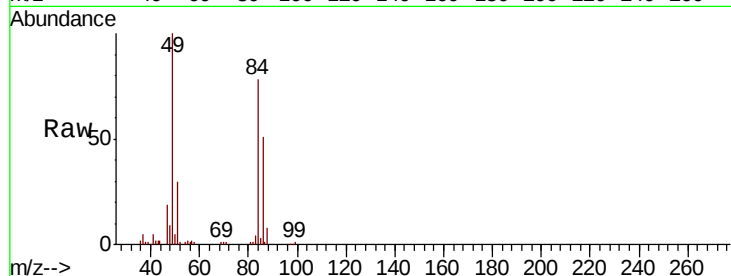




#16
Methylene chloride
Concen: 3.005 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

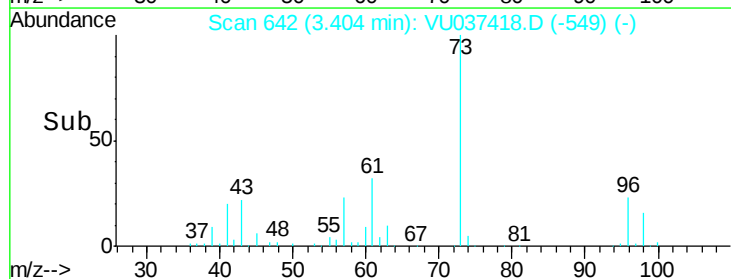
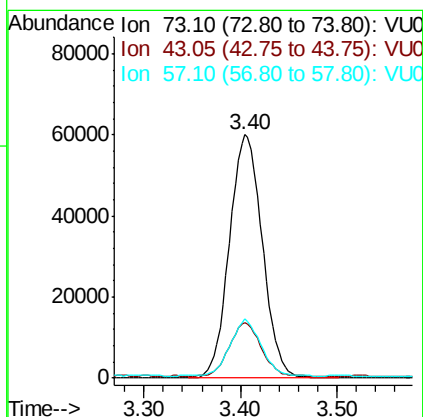
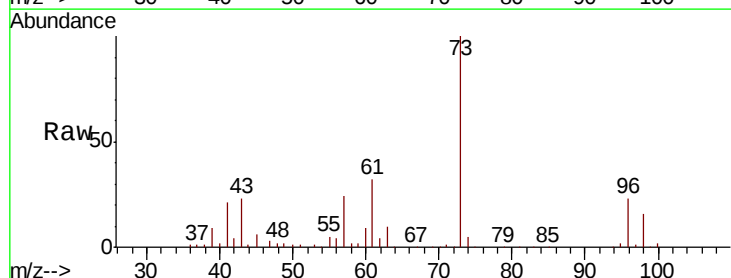
Instrument :
MSVOA_U
ClientSampleId :

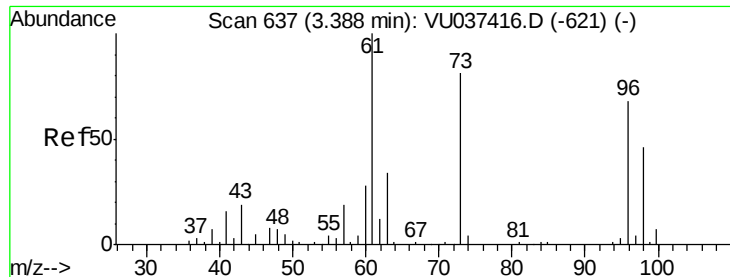
Tot Ion: 84 Resp: 34640
Ion Ratio Lower Upper
84 100
86 65.9 43.6 81.0
49 128.7 86.4 160.4



#17
Methyl tert-butyl Ether
Concen: 5.055 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

Tgt Ion: 73 Resp: 141870
Ion Ratio Lower Upper
73 100
43 21.0 17.4 26.2
57 21.8 17.3 25.9

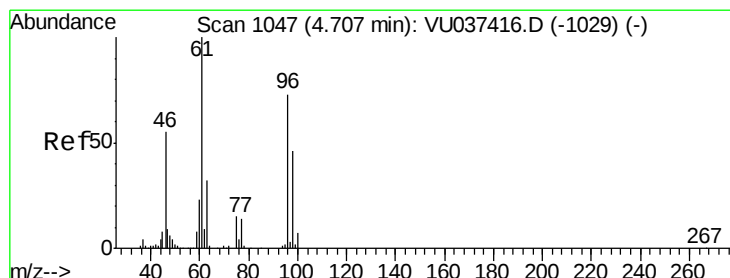
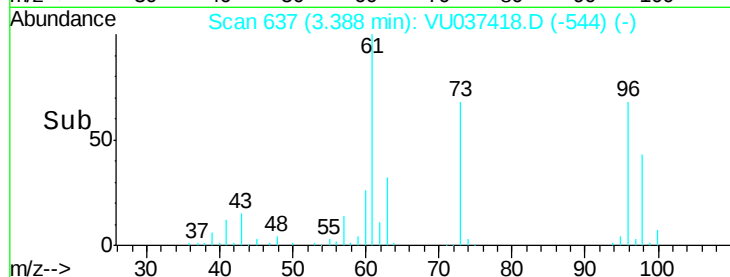
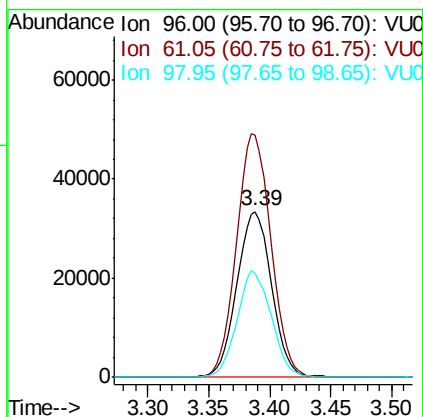
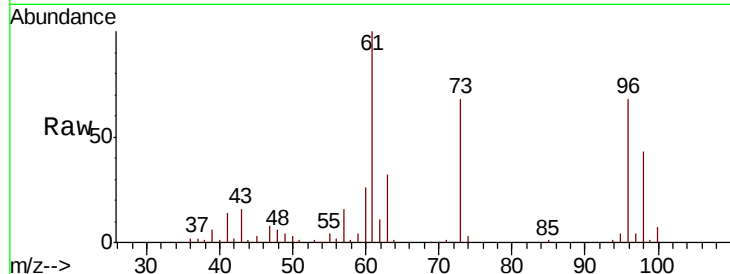




#18
trans-1,2-Dichloroethene
Concen: 6.108 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

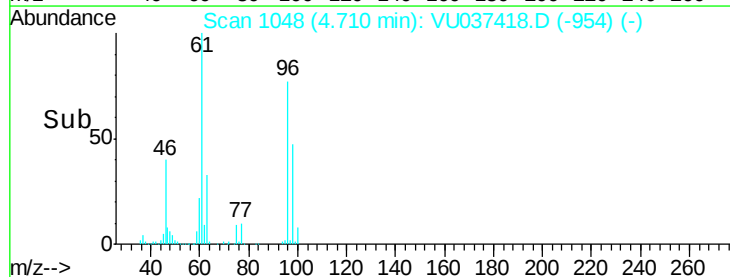
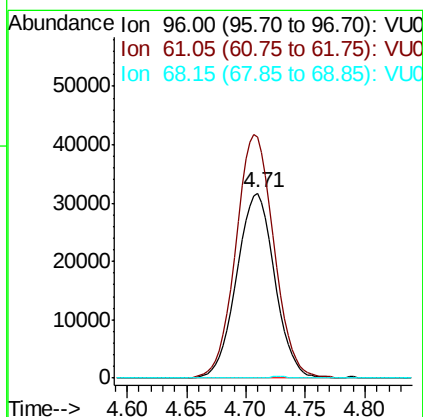
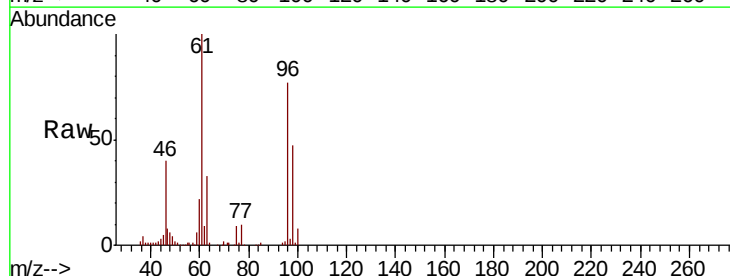
Instrument :
MSVOA_U
ClientSampleId :

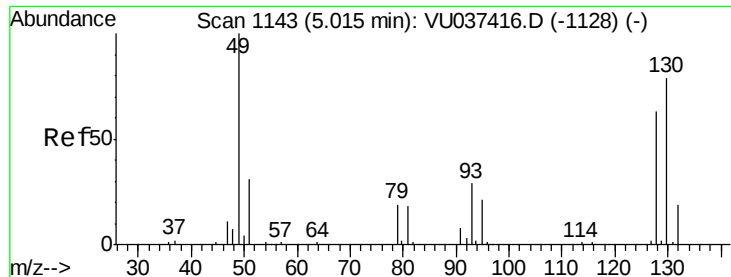
Tot Ion: 96 Resp: 65878
Ion Ratio Lower Upper
96 100
61 146.4 99.9 185.5
98 63.2 45.4 84.4



#22
cis-1,2-Dichloroethene
Concen: 5.822 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

Tgt Ion: 96 Resp: 70364
Ion Ratio Lower Upper
96 100
61 130.2 91.6 170.2
68 0.0 0.0 0.0

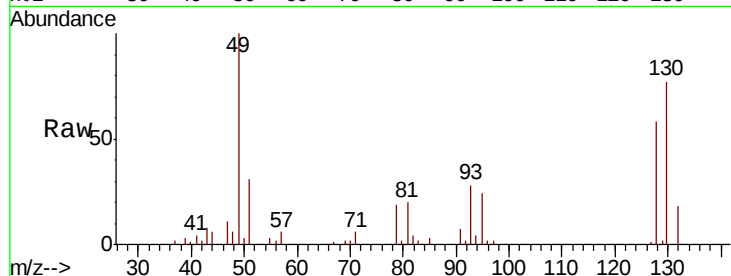




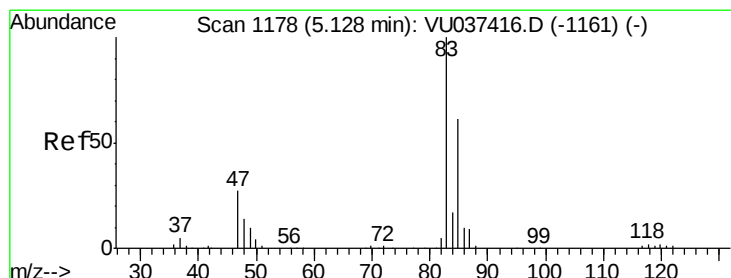
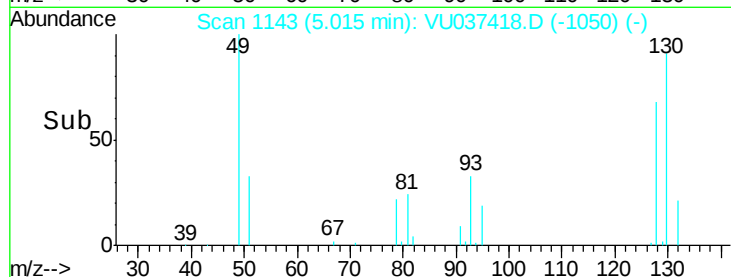
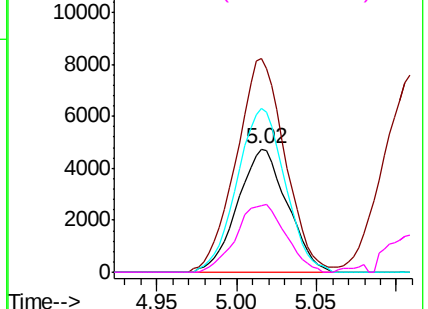
#23
Bromochloromethane
Concen: 1.888 ug/L
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 10080
Ion Ratio Lower Upper
128 100
49 173.2 119.1 221.3
130 133.3 92.6 172.0
51 54.1 43.7 65.5

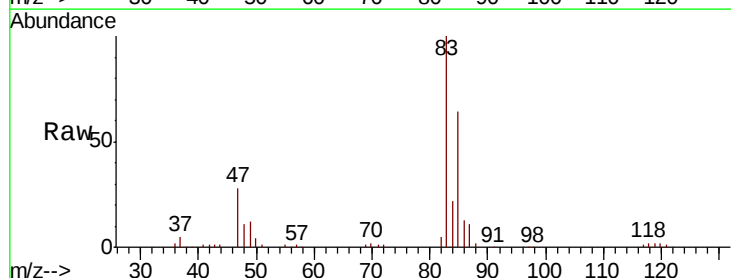


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VU
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VU

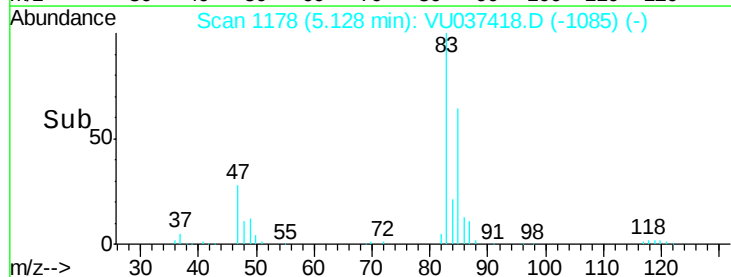
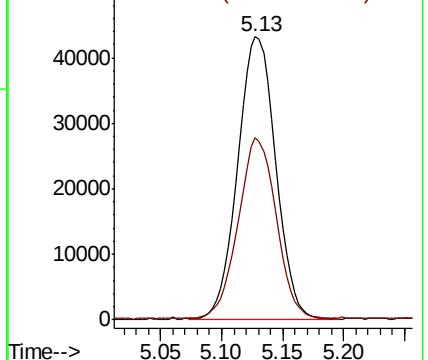


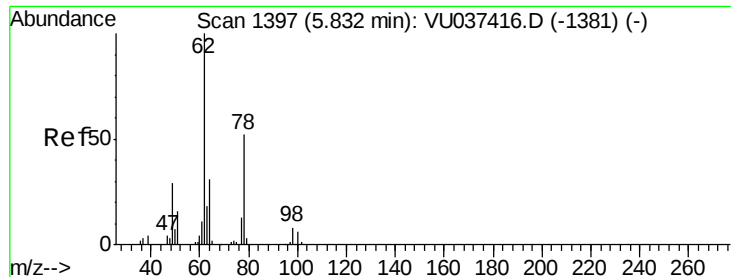
#25
Chloroform
Concen: 4.352 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

Tgt Ion: 83 Resp: 92283
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.4



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

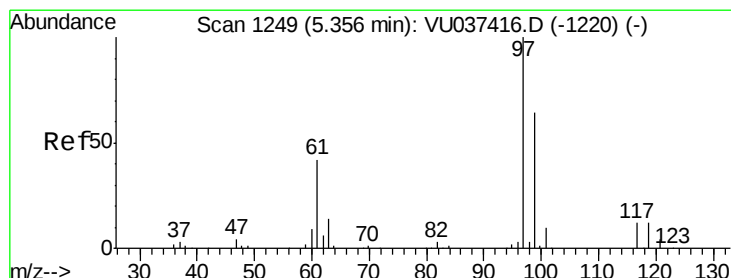
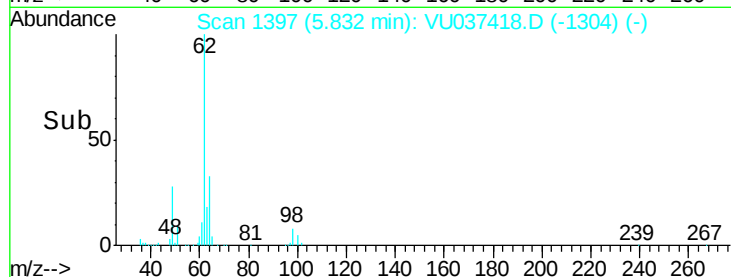
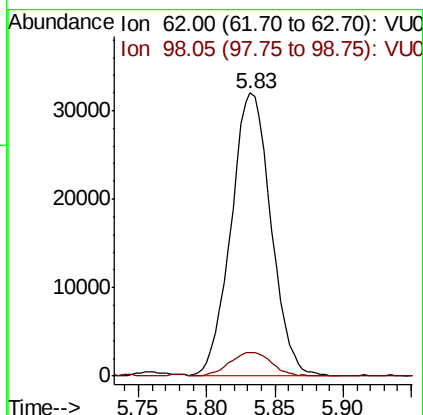
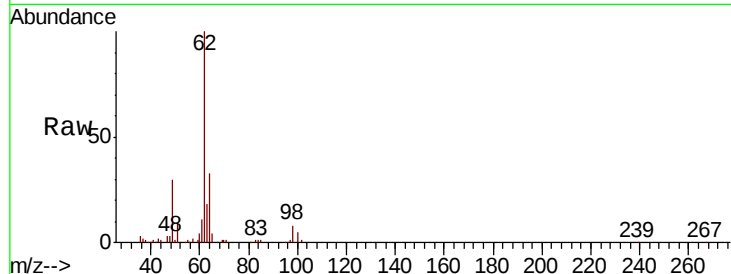




#27
 1,2-Dichloroethane
 Concen: 4.589 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

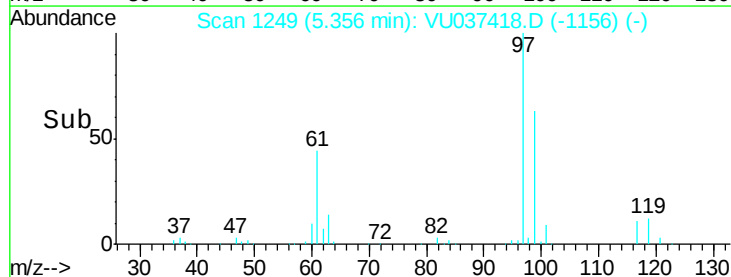
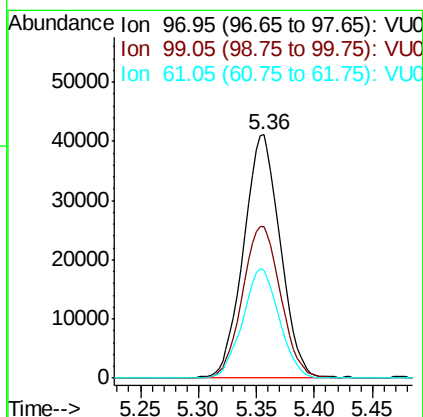
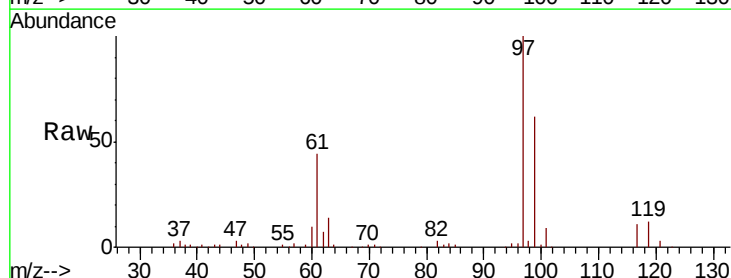
Instrument :
 MSVOA_U
 ClientSampleId :

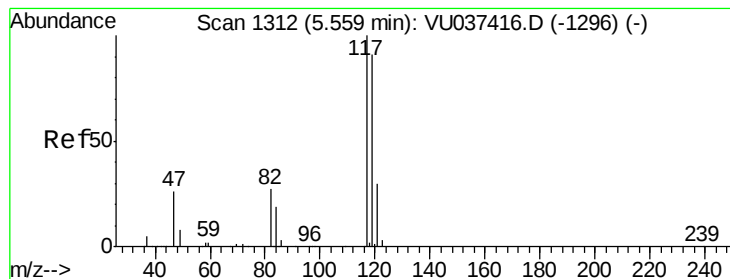
Tot Ion: 62 Resp: 65006
 Ion Ratio Lower Upper
 62 100
 98 8.4 7.3 10.9



#29
 1,1,1-Trichloroethane
 Concen: 4.822 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Tgt Ion: 97 Resp: 90820
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.0 76.6
 61 44.7 36.7 55.1





#31

Carbon tetrachloride

Concen: 4.851 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

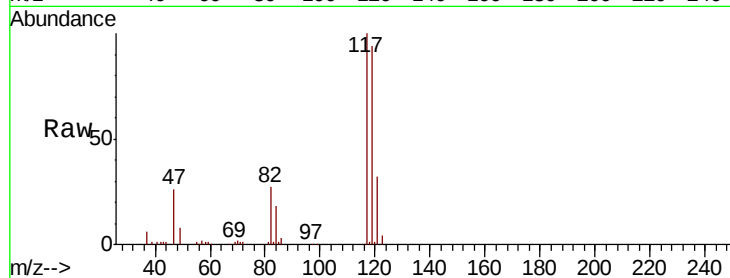
ClientSampleId :

Tot Ion:117 Resp: 78890

Ion Ratio Lower Upper

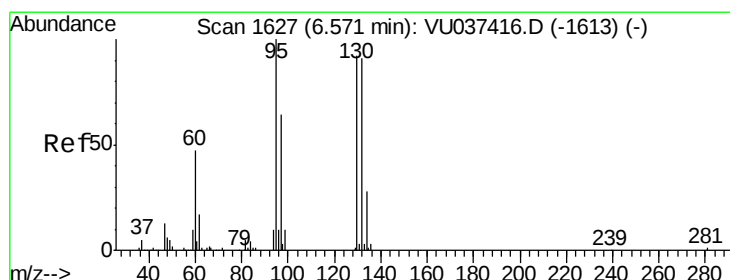
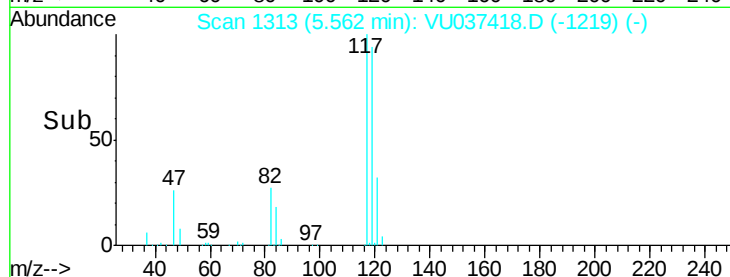
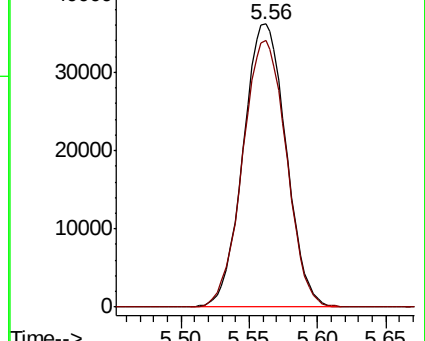
117 100

119 96.1 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 7.552 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Tgt Ion: 95 Resp: 95441

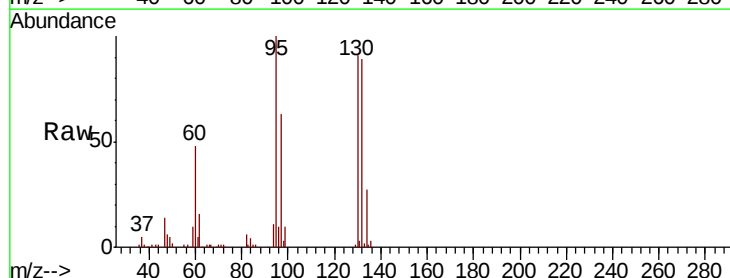
Ion Ratio Lower Upper

95 100

97 62.9 45.3 84.1

132 89.2 62.7 116.5

130 90.8 69.1 128.3

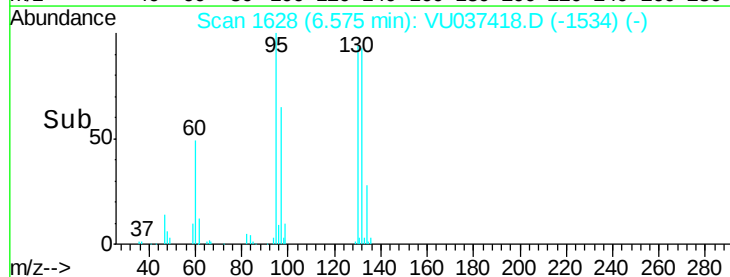
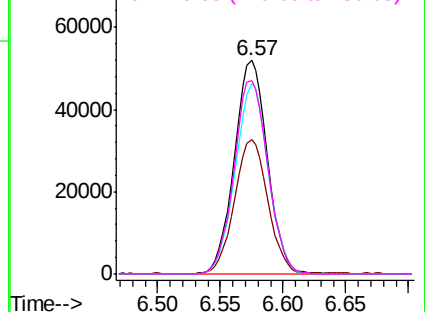


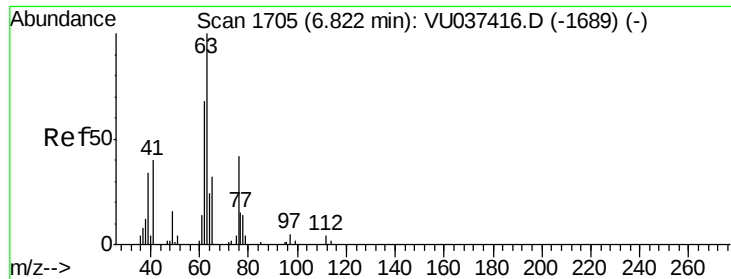
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

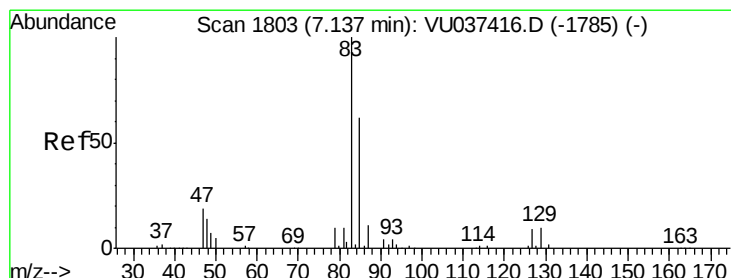
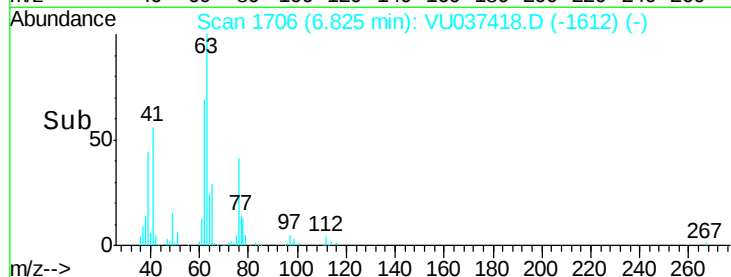
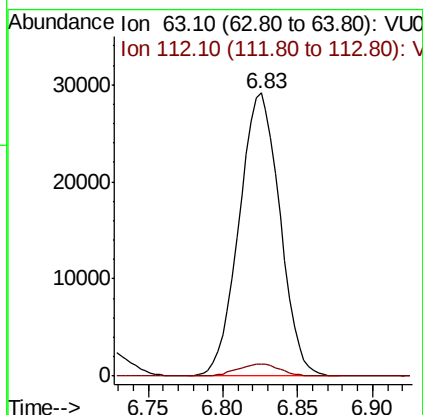
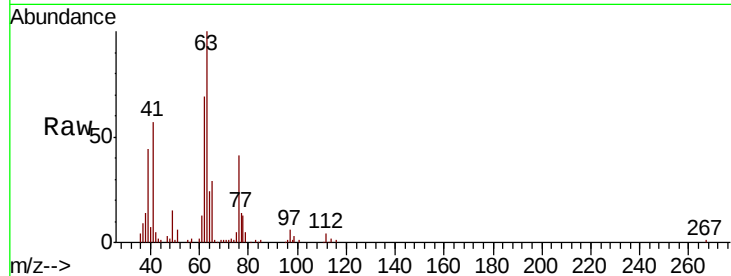




#37
 1,2-Dichloropropane
 Concen: 4.822 ug/L
 RT: 6.83 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

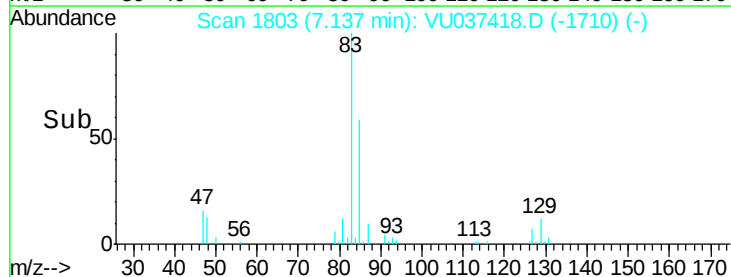
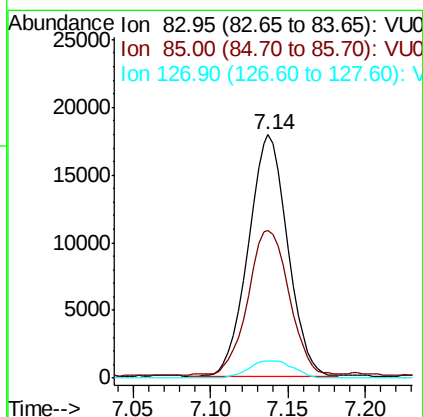
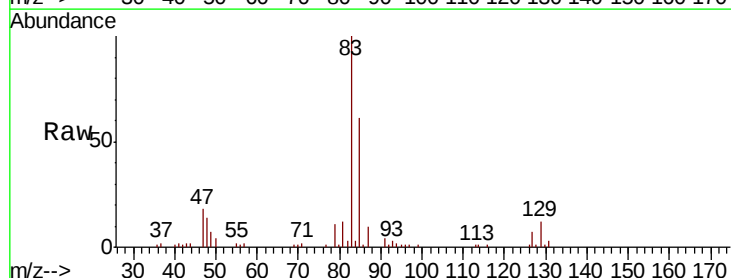
Instrument :
 MSVOA_U
 ClientSampleId :

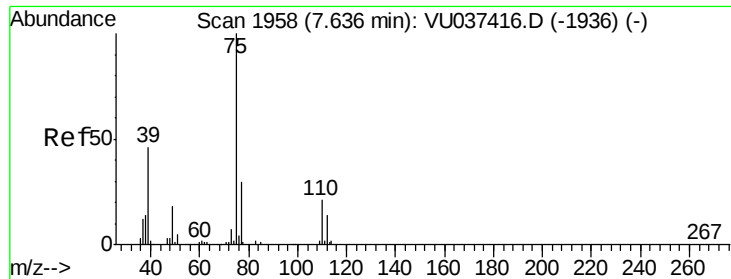
Tot Ion: 63 Resp: 55314
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.0 4.6



#38
 Bromodichloromethane
 Concen: 2.021 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Tgt Ion: 83 Resp: 31707
 Ion Ratio Lower Upper
 83 100
 85 60.7 42.4 78.8
 127 7.0 7.0 10.6

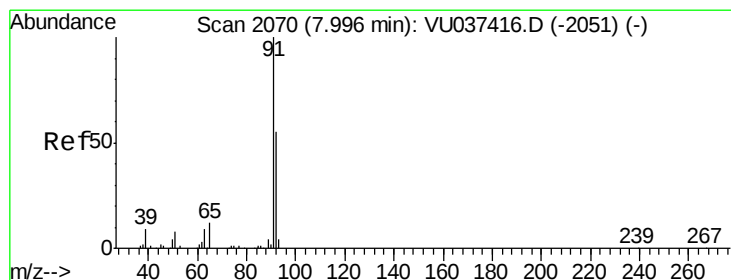
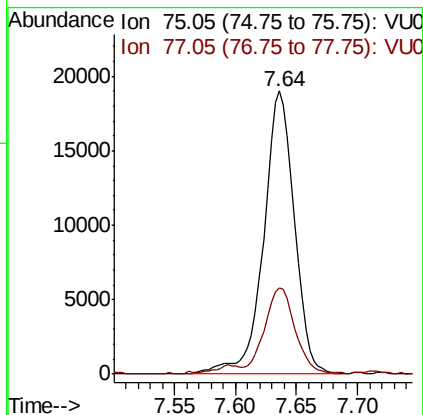
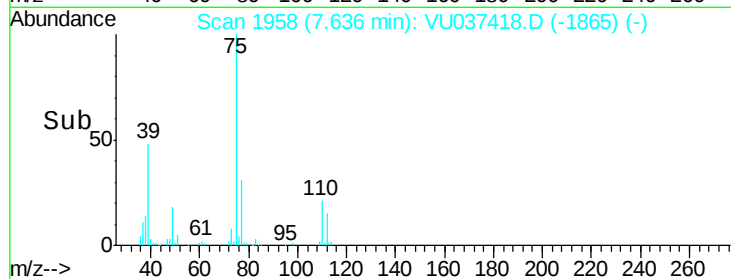
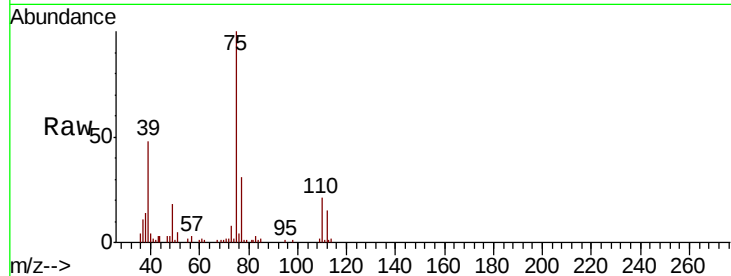




#39
 cis-1,3-Dichloropropene
 Concen: 1.790 ug/L
 RT: 7.64 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

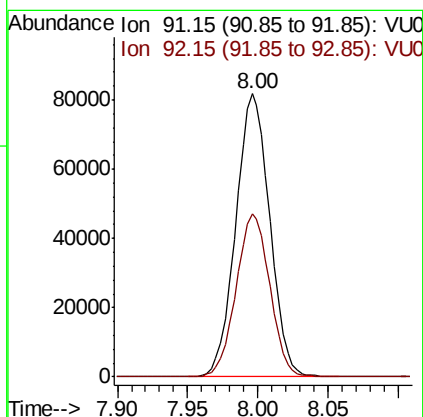
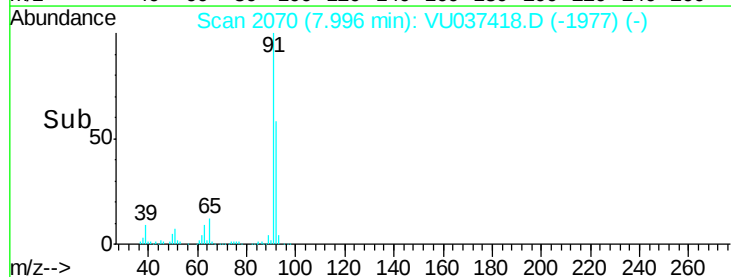
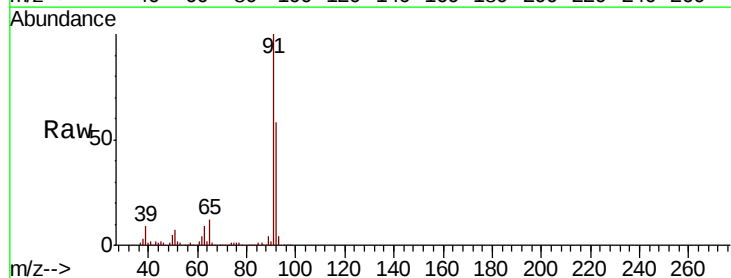
Instrument :
 MSVOA_U
 ClientSampleId :

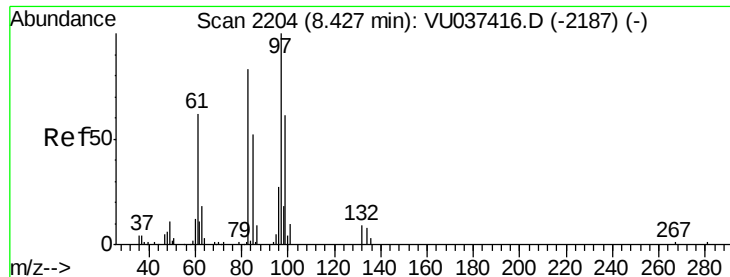
Tot Ion: 75 Resp: 33475
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.1 39.3



#42
 Toluene
 Concen: 2.886 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Tgt Ion: 91 Resp: 138024
 Ion Ratio Lower Upper
 91 100
 92 57.6 39.8 73.8

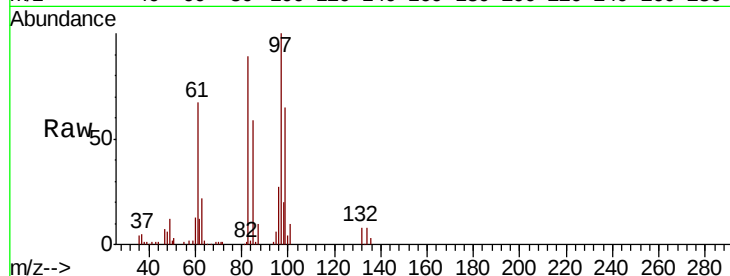




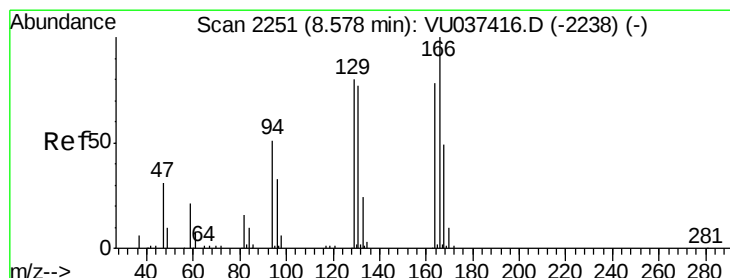
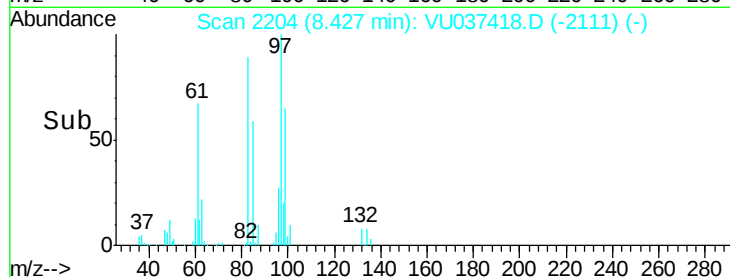
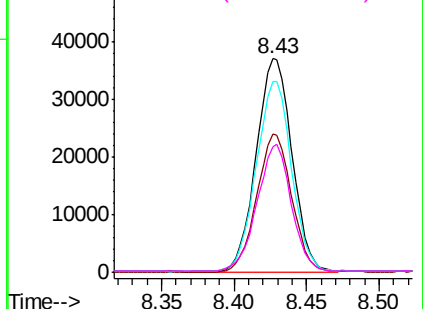
#45
 1,1,2-Trichloroethane
 Concen: 7.400 ug/L
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	97	Resp:	63487
Ion	Ratio	Lower	Upper
97	100		
99	64.9	41.1	76.3
83	89.2	58.7	108.9
85	58.9	38.2	71.0

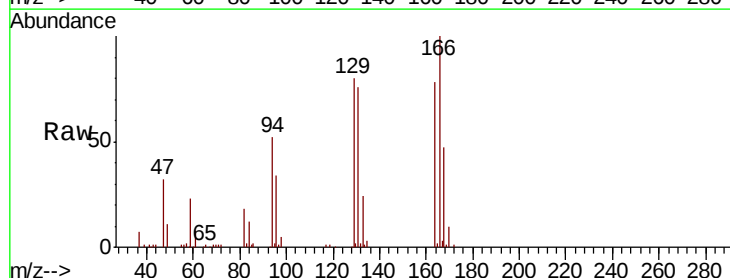


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

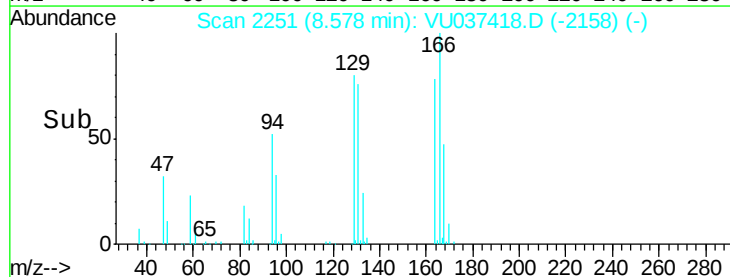
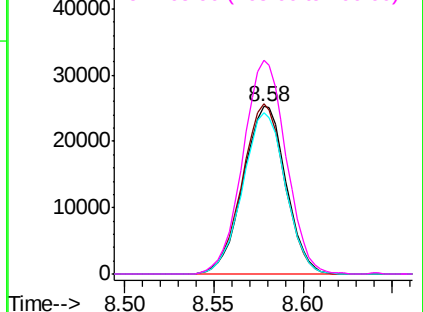


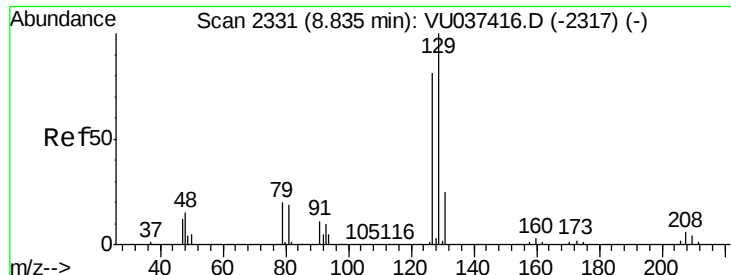
#47
 Tetrachloroethene
 Concen: 4.862 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Tgt Ion:	164	Resp:	42324
Ion	Ratio	Lower	Upper
164	100		
129	102.0	68.8	127.8
131	96.8	66.9	124.3
166	127.7	86.3	160.3



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: 5.721 ug/L

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

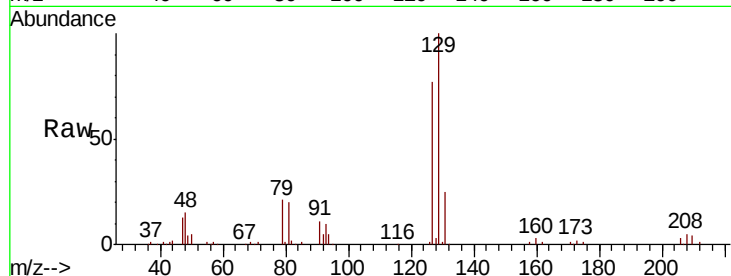
ClientSampleId :

Tot Ion:129 Resp: 60572

Ion Ratio Lower Upper

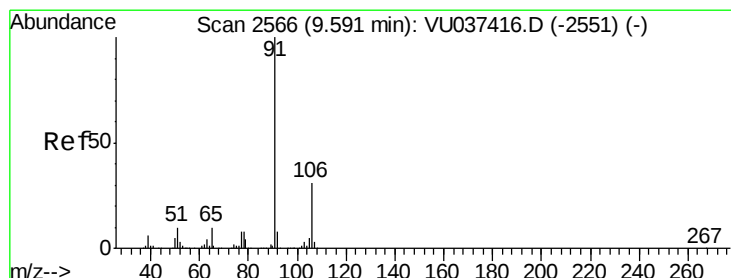
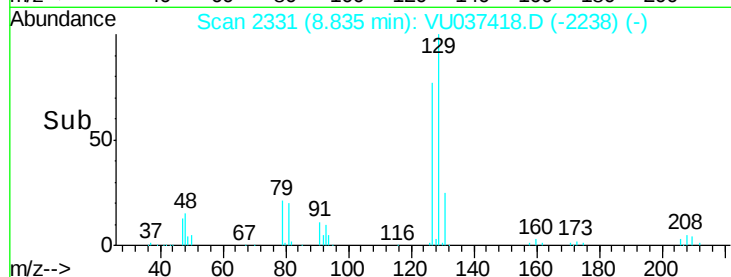
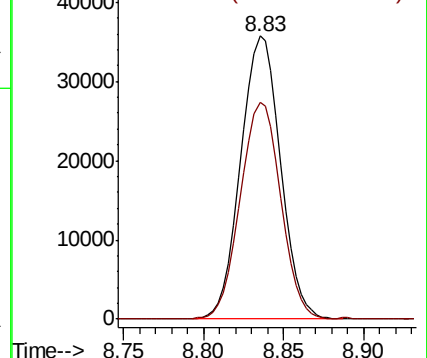
129 100

127 76.8 53.5 99.3



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

Ethylbenzene

Concen: 9.609 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VU037418.D

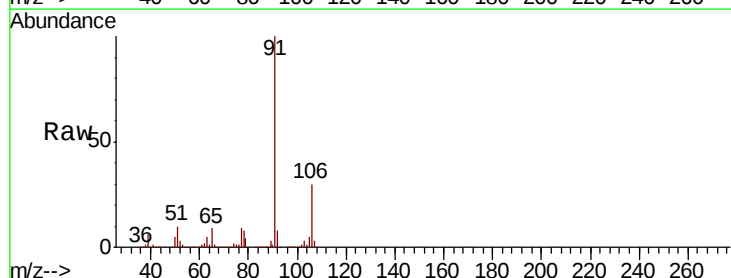
Acq: 28 Mar 2020 15:43

Tgt Ion: 91 Resp: 527351

Ion Ratio Lower Upper

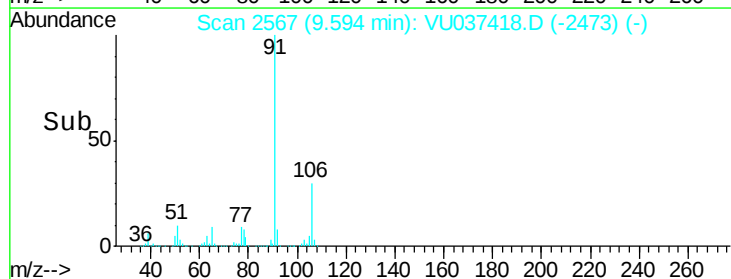
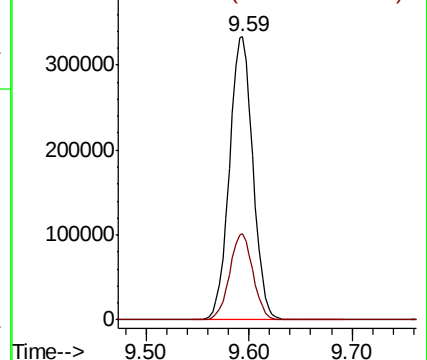
91 100

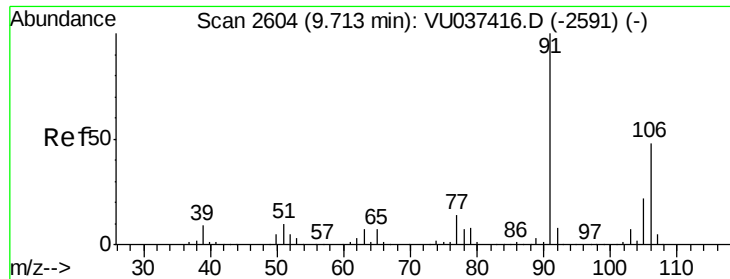
106 30.4 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 7.715 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. -0.12 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

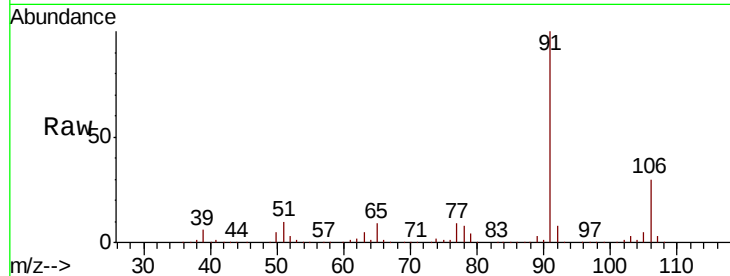
ClientSampleId :

Tot Ion:106 Resp: 159984

Ion Ratio Lower Upper

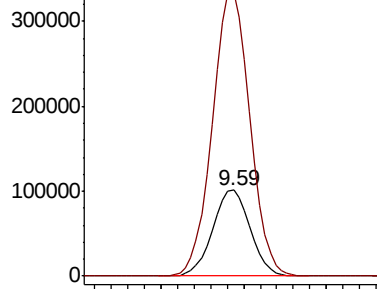
106 100

91 329.5 147.3 273.6#

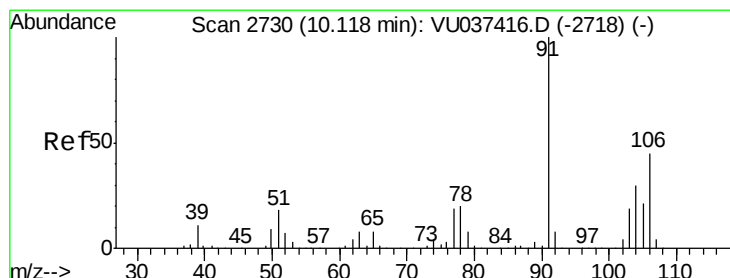
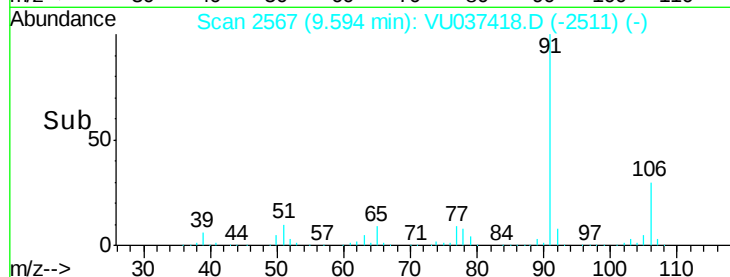


Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



Time-->



#54

o-Xylene

Concen: 2.931 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU037418.D

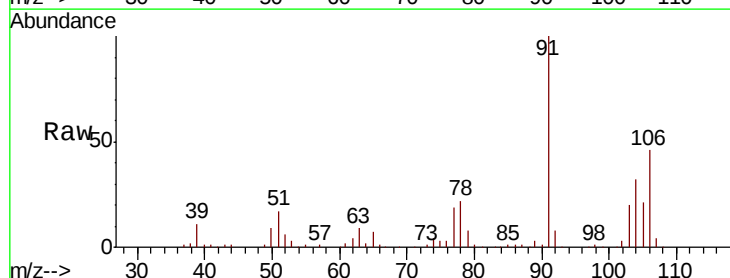
Acq: 28 Mar 2020 15:43

Tgt Ion:106 Resp: 59321

Ion Ratio Lower Upper

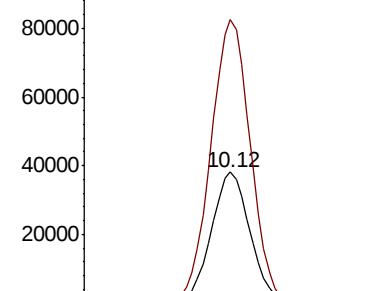
106 100

91 216.8 157.7 292.9

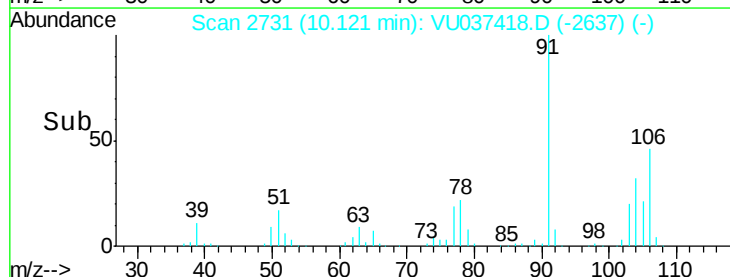


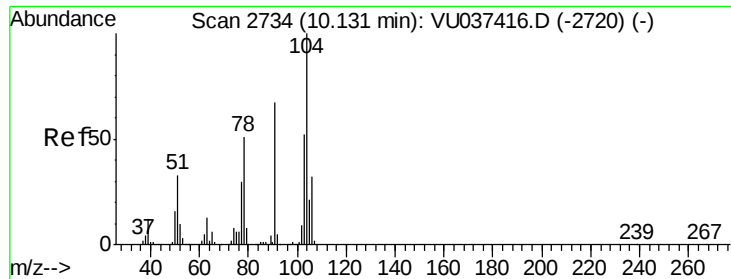
Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



Time-->

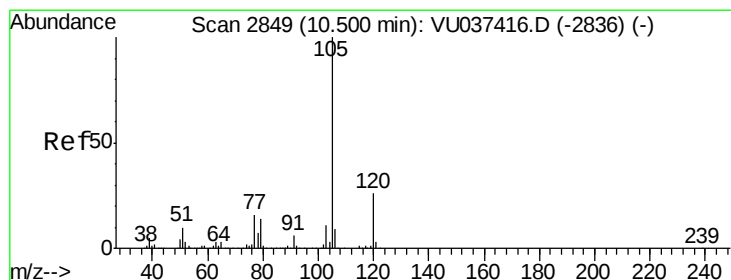
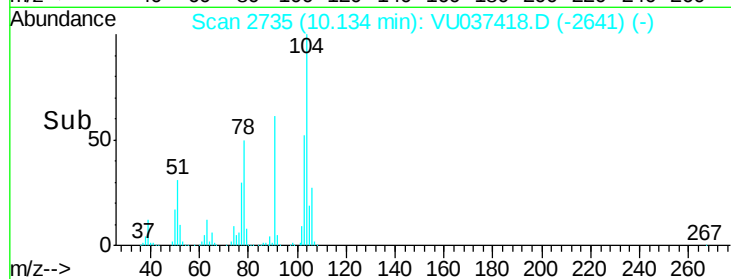
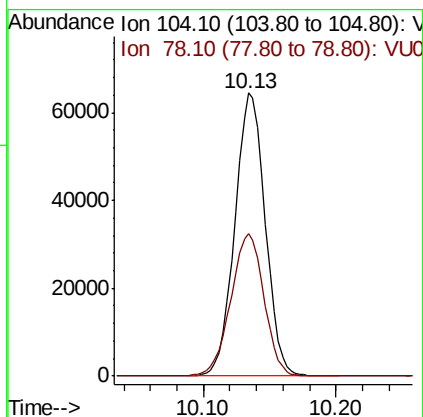
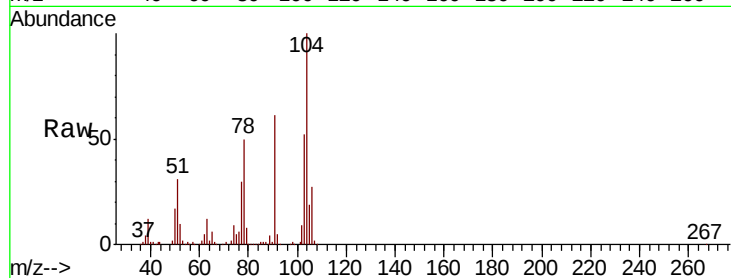




#55
Stvrene
Concen: 2.963 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

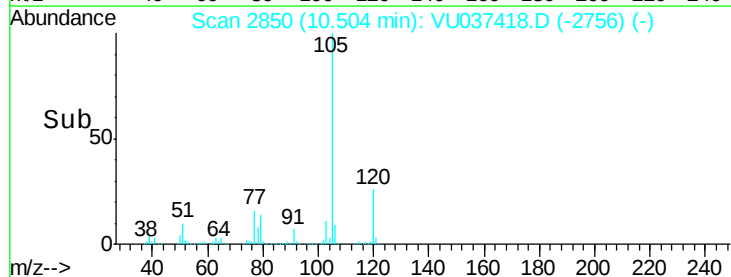
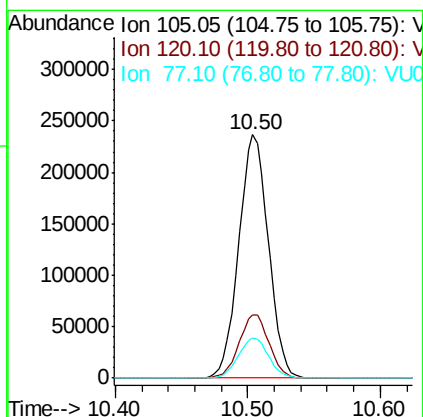
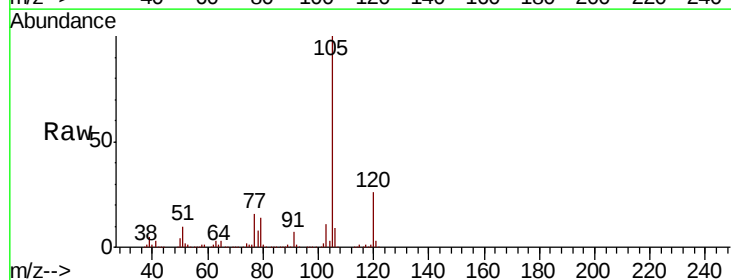
Instrument :
MSVOA_U
ClientSampleId :

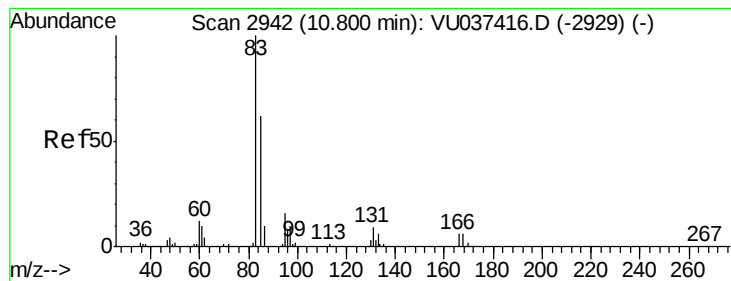
Tot Ion:104 Resp: 102466
Ion Ratio Lower Upper
104 100
78 50.5 35.8 66.6



#56
Isopropylbenzene
Concen: 6.790 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU037418.D
Acq: 28 Mar 2020 15:43

Tgt Ion:105 Resp: 366097
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.7 13.4 20.0





#58

1,1,2,2-Tetrachloroethane

Concen: 4.463 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037418.D

Acq: 28 Mar 2020 15:43

Instrument :

MSVOA_U

ClientSampleId :

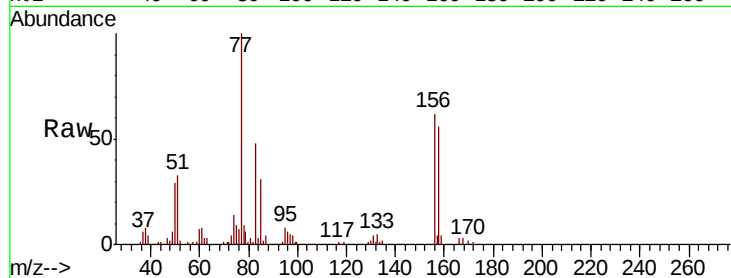
Tot Ion: 83 Resp: 48880

Ion Ratio Lower Upper

83 100

85 65.1 42.9 79.7

131 9.1 8.1 12.1

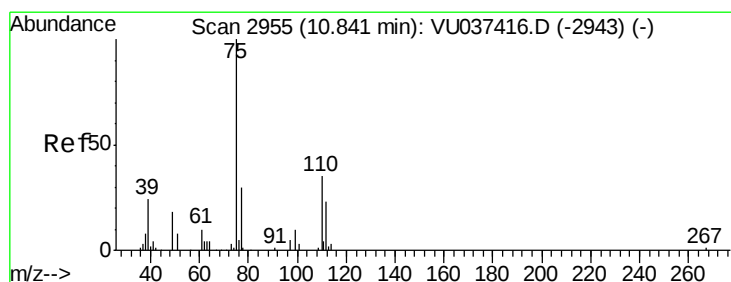
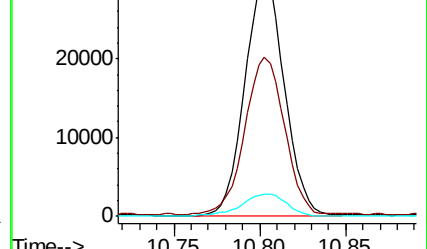
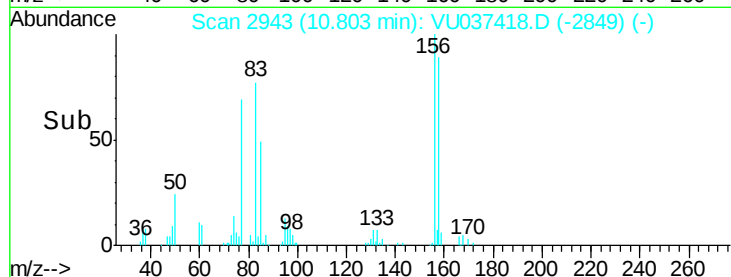


Abundance Ion 82.95 (82.65 to 83.65): VU037418.D (-2929) (-)

Ion 85.00 (84.70 to 85.70): VU037418.D (-2929) (-)

Ion 130.95 (130.65 to 131.65): VU037418.D (-2929) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.355 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037418.D

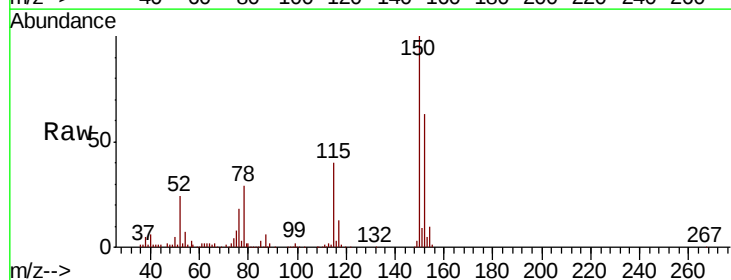
Acq: 28 Mar 2020 15:43

Tgt Ion: 75 Resp: 10813

Ion Ratio Lower Upper

75 100

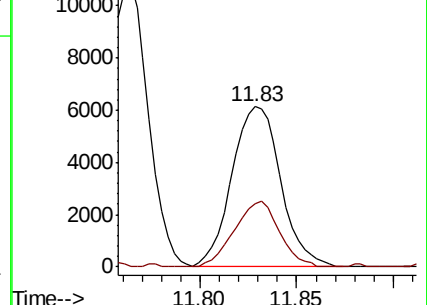
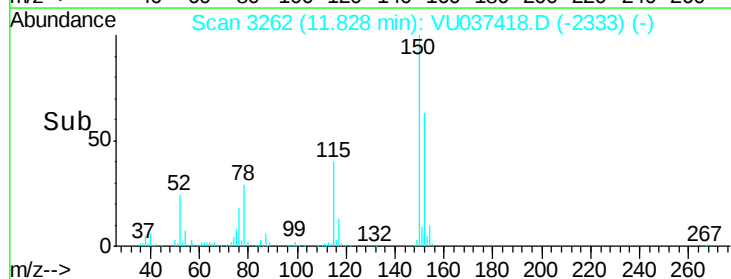
77 37.6 27.4 41.2

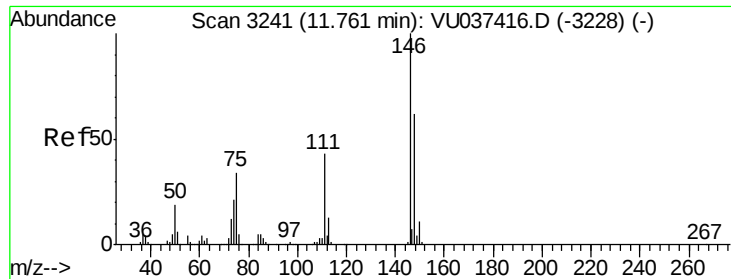


Abundance Ion 75.00 (74.70 to 75.70): VU037418.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037418.D (-2943) (-)

Time-->

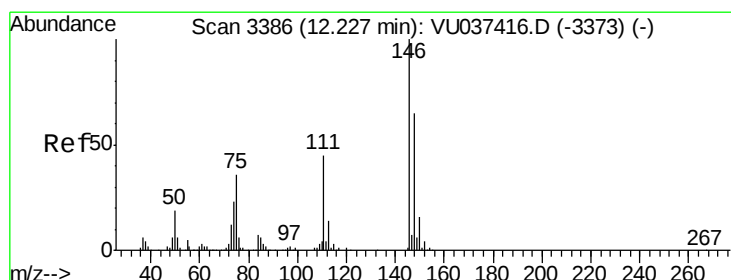
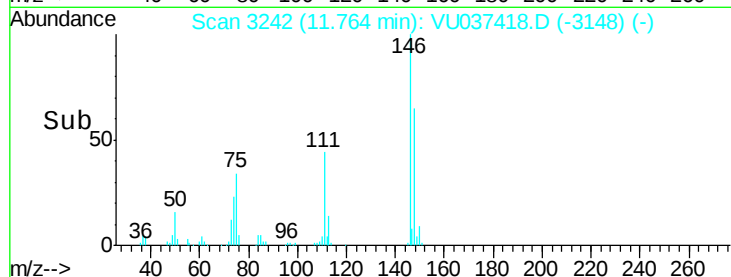
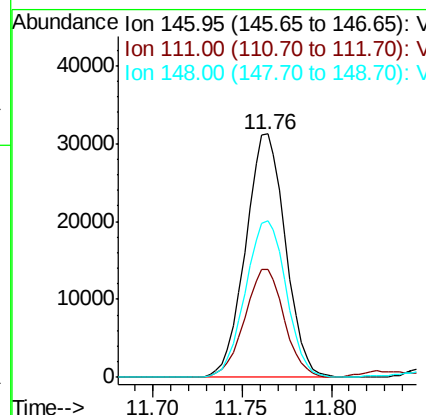
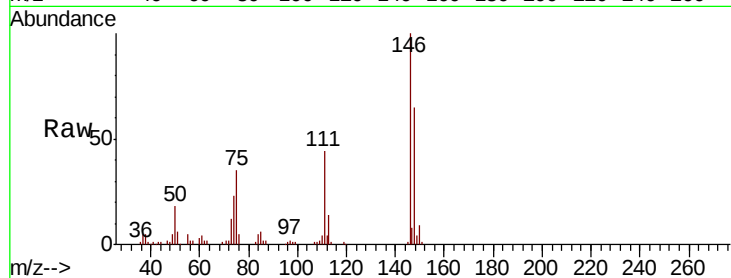




#62
 1,3-Dichlorobenzene
 Concen: 1.942 ug/L
 RT: 11.76 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 48706
 Ion Ratio Lower Upper
 146 100
 111 44.3 29.4 54.6
 148 64.5 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 1.919 ug/L
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU037418.D
 Acq: 28 Mar 2020 15:43

Tgt Ion:146 Resp: 46463
 Ion Ratio Lower Upper
 146 100
 111 45.4 36.2 54.2
 148 66.5 52.1 78.1

