

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037284.D
 Acq On : 15 Mar 2020 00:00
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Mar 16 05:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	63848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39359	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	33582	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.59	63	80862	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.67	46	111029	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	5.11	84	89209	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.74	65	50584	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.76	84	153509	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	49259	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	151496	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	22898	5.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.60%
46) 2-Hexanone-d5	8.66	63	95269	55.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	43308	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	56778	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	76226	4.714	ug/L 100
3) Chloromethane	1.54	50	72024	5.221	ug/L 99
5) Vinyl chloride	1.62	62	66177	5.357	ug/L 96
6) Bromomethane	1.87	94	35256	7.593	ug/L 99
8) Chloroethane	1.95	64	36879	5.824	ug/L 100
9) Trichlorofluoromethane	2.16	101	99213	5.659	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45405	5.010	ug/L 100
12) 1,1-Dichloroethene	2.60	96	41769	5.096	ug/L 95
13) Acetone	2.66	43	79535	46.020	ug/L 94
14) Carbon disulfide	2.82	76	130540	4.801	ug/L 99
15) Methyl Acetate	2.98	43	20321	5.024	ug/L 96
16) Methylene chloride	3.08	84	46696	4.745	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	115835	5.261	ug/L 96
18) trans-1,2-Dichloroethene	3.39	96	44084	5.087	ug/L 96
19) 1,1-Dichloroethane	3.91	63	91302	5.205	ug/L 98
21) 2-Butanone	4.75	43	135730	49.891	ug/L 95
22) cis-1,2-Dichloroethene	4.71	96	50127	5.256	ug/L 96

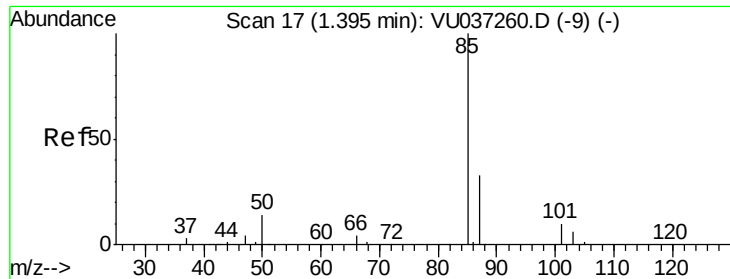
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037284.D
 Acq On : 15 Mar 2020 00:00
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	22805	5.456	ug/L	91
25) Chloroform	5.13	83	98321	5.138	ug/L	99
27) 1,2-Dichloroethane	5.83	62	67943	5.094	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	86680	5.290	ug/L	98
30) Cyclohexane	5.42	56	76254	4.811	ug/L	98
31) Carbon tetrachloride	5.56	117	77722	5.475	ug/L	97
33) Benzene	5.81	78	194486	5.141	ug/L	100
34) Trichloroethene	6.57	95	52637	5.152	ug/L	98
35) Methylcyclohexane	6.79	83	76111	4.820	ug/L	97
37) 1,2-Dichloropropane	6.83	63	51261	5.149	ug/L	99
38) Bromodichloromethane	7.14	83	70077	5.306	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	73748	5.161	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	339986	48.263	ug/L	97
42) Toluene	8.00	91	215297	5.301	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	62347	5.231	ug/L	94
45) 1,1,2-Trichloroethane	8.43	97	35454	4.936	ug/L	92
47) Tetrachloroethene	8.58	164	40732	5.127	ug/L	98
48) 2-Hexanone	8.71	43	248698	50.637	ug/L	98
49) Dibromochloromethane	8.83	129	47362	5.475	ug/L	96
50) 1,2-Dibromoethane	8.95	107	36369	5.340	ug/L #	97
51) Chlorobenzene	9.47	112	131501	5.029	ug/L	99
52) Ethylbenzene	9.59	91	235174	5.237	ug/L	98
53) m,p-Xylene	9.71	106	84736	5.249	ug/L	98
54) o-Xylene	10.12	106	85174	5.411	ug/L	97
55) Styrene	10.13	104	142433	5.518	ug/L	97
56) Isopropylbenzene	10.50	105	232966	5.515	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	46665	5.261	ug/L	93
59) 1,2,3-Trichloropropane	10.84	75	35055	4.921	ug/L	96
61) Bromoform	10.31	173	27881	5.723	ug/L #	98
62) 1,3-Dichlorobenzene	11.76	146	105145	5.025	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	101501	4.885	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	101461	5.115	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	7642	5.018	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	77498	5.411	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	51050	5.256	ug/L	97
69) Naphthalene	14.12	128	66604	4.801	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	50445	5.535	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 4.714 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

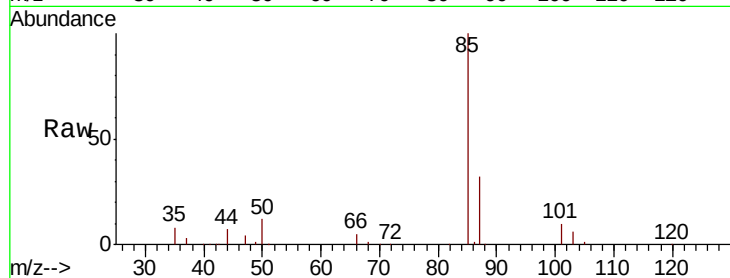
VSTD00511

Tot Ion: 85 Resp: 76226

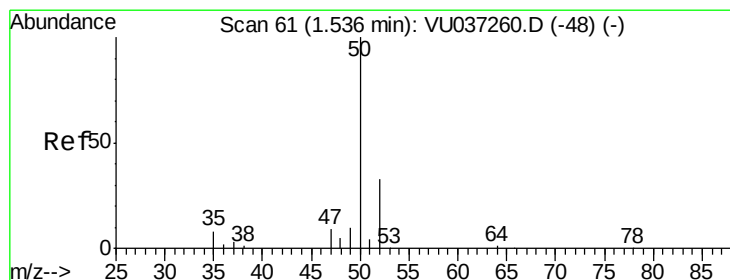
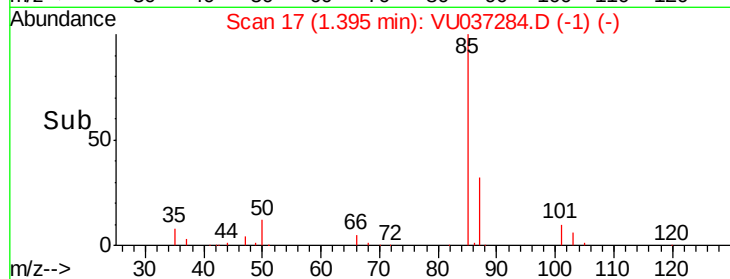
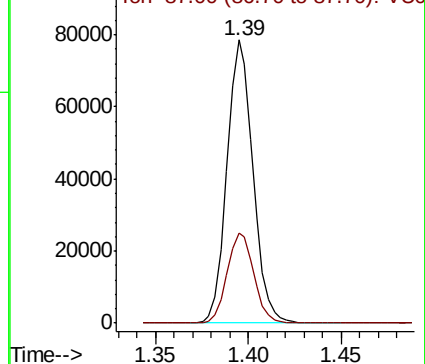
Ion Ratio Lower Upper

85 100

87 32.6 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU037260.D (-9) (-)



#3

Chloromethane

Concen: 5.221 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037284.D

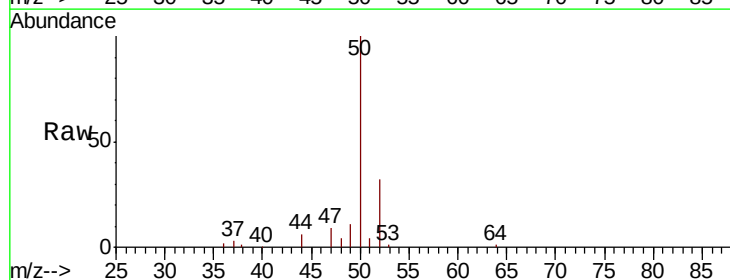
Acq: 15 Mar 2020 00:00

Tgt Ion: 50 Resp: 72024

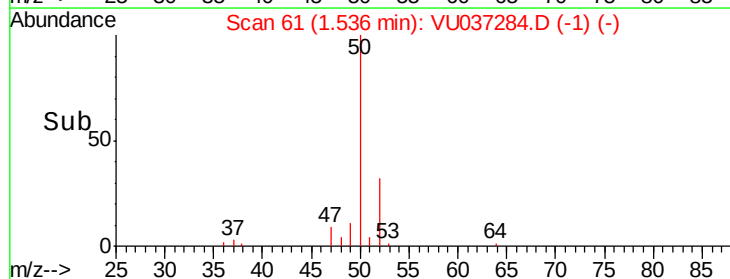
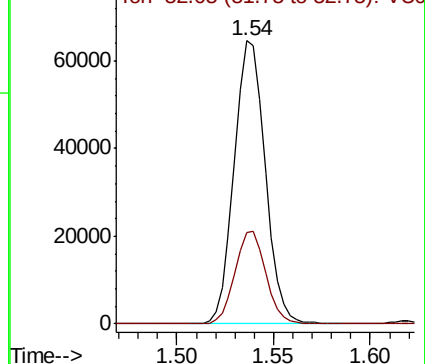
Ion Ratio Lower Upper

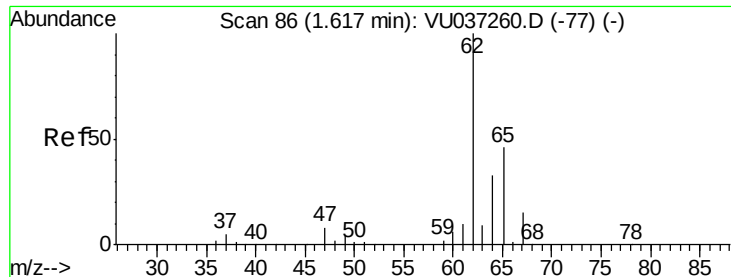
50 100

52 32.5 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU037260.D (-48) (-)





#5

Vinyl chloride

Concen: 5.357 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

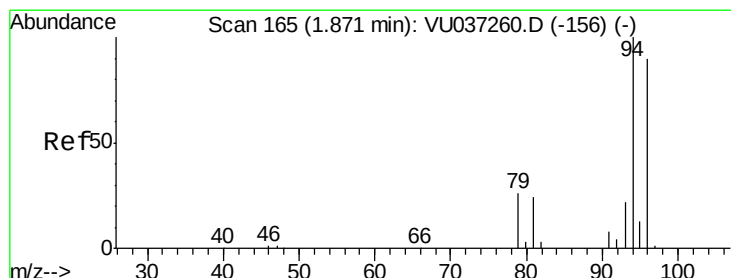
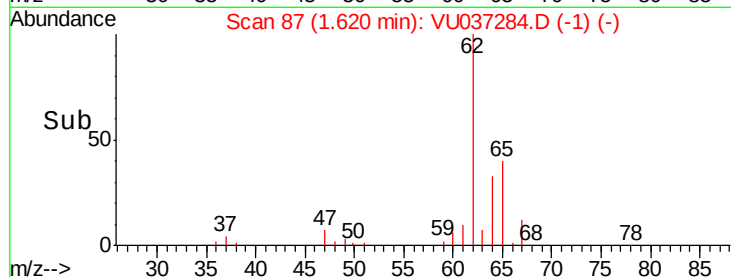
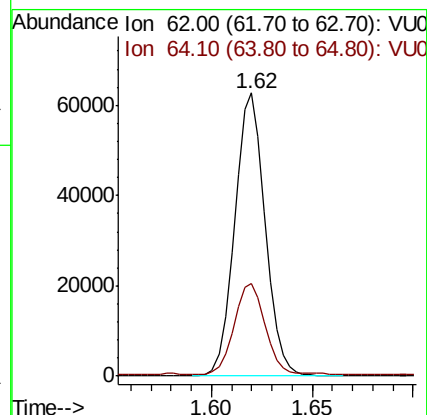
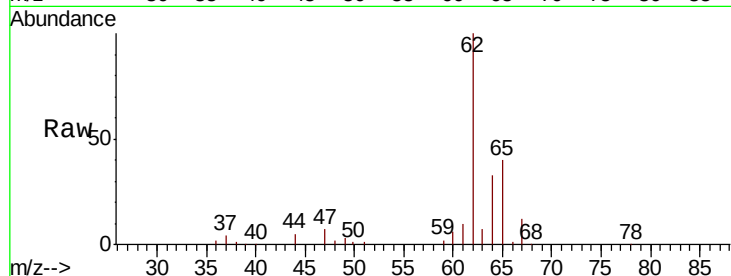
VSTD00511

Tot Ion: 62 Resp: 66177

Ion Ratio Lower Upper

62 100

64 32.8 21.6 40.0



#6

Bromomethane

Concen: 7.593 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU037284.D

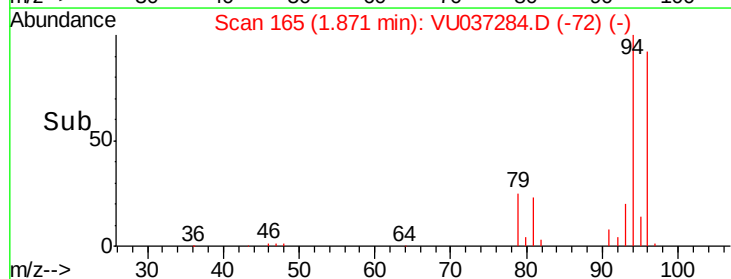
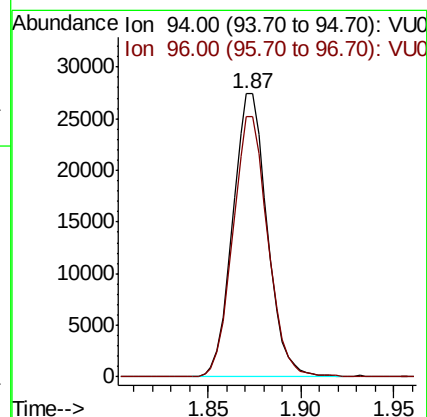
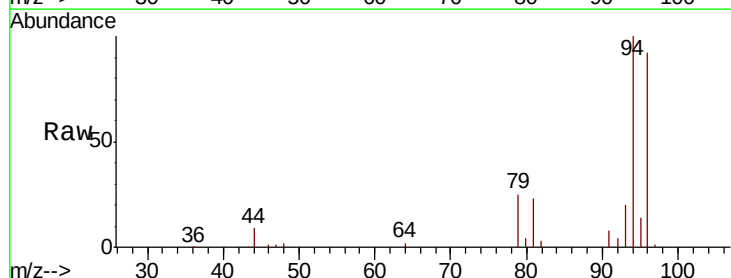
Acq: 15 Mar 2020 00:00

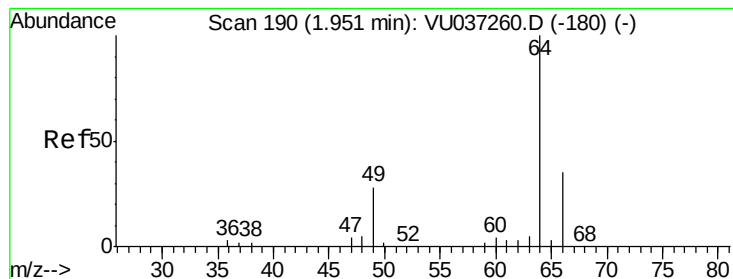
Tgt Ion: 94 Resp: 35256

Ion Ratio Lower Upper

94 100

96 91.9 64.8 120.4





#8

Chloroethane

Concen: 5.824 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

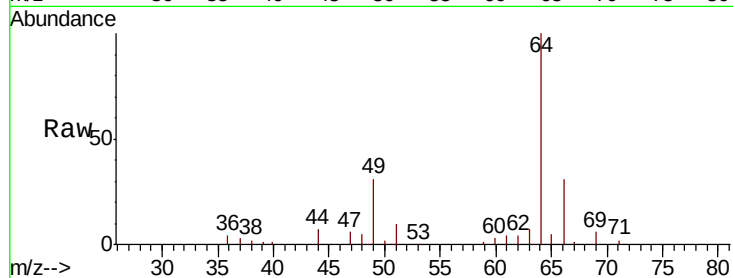
VSTD00511

Tot Ion: 64 Resp: 36879

Ion Ratio Lower Upper

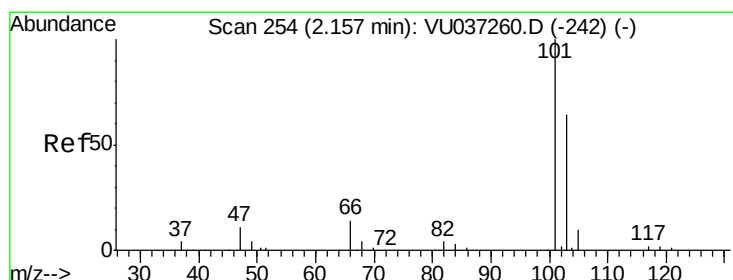
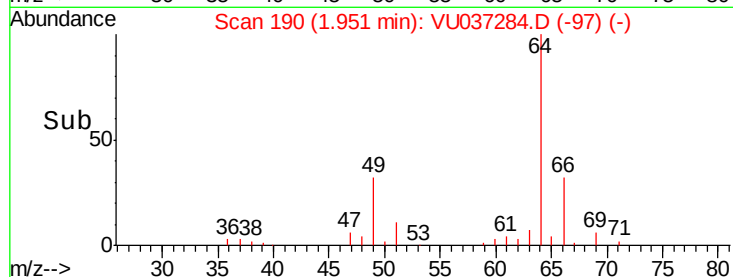
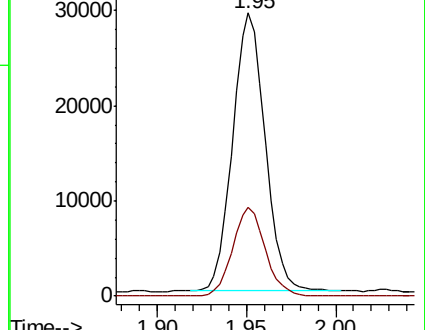
64 100

66 31.2 22.0 40.8



Abundance Ion 64.10 (63.80 to 64.80): VU037260.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU037260.D (-180) (-)



#9

Trichlorofluoromethane

Concen: 5.659 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU037284.D

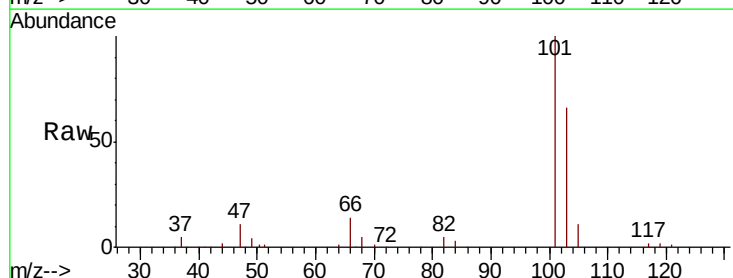
Acq: 15 Mar 2020 00:00

Tgt Ion: 101 Resp: 99213

Ion Ratio Lower Upper

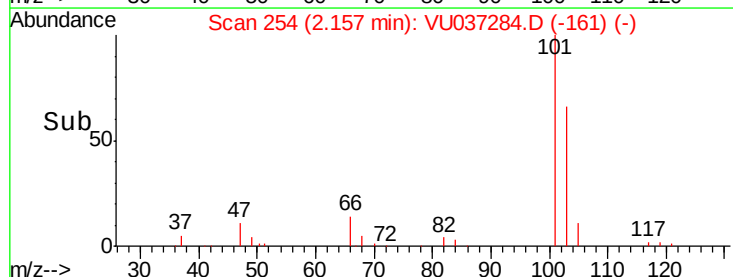
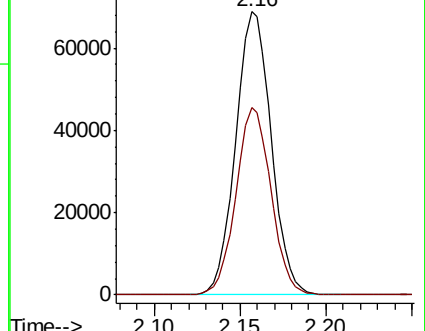
101 100

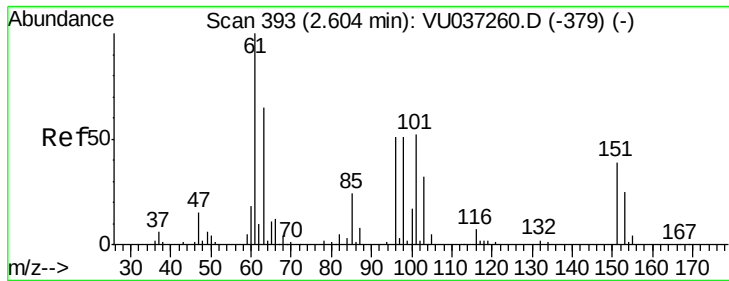
103 65.3 50.2 75.4



Abundance Ion 101.00 (100.70 to 101.70): VU037260.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU037260.D (-242) (-)





#10

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

Concen: 5.010 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511

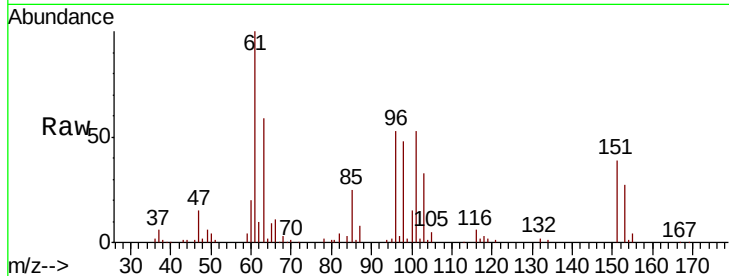
Tot Ion:101 Resp: 45405

Ion Ratio Lower Upper

101 100

85 47.3 37.5 56.3

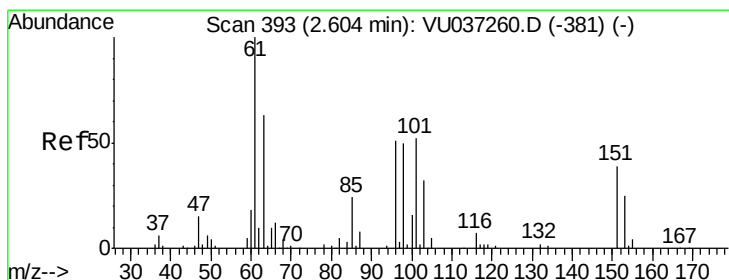
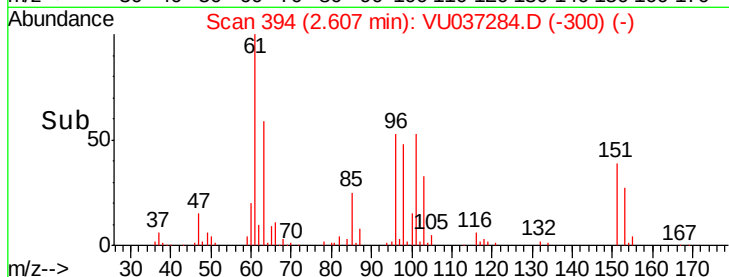
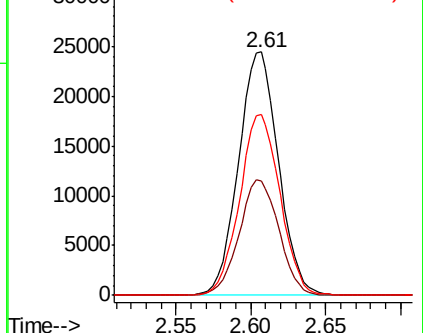
151 74.9 59.8 89.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.096 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

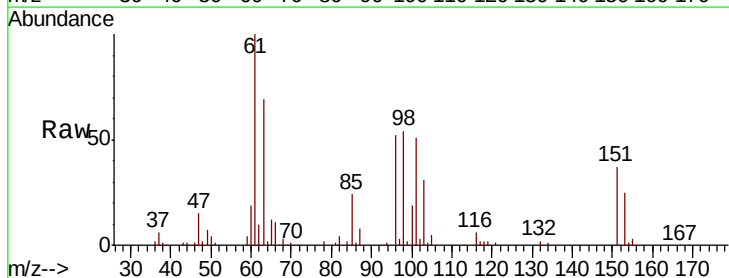
Tgt Ion: 96 Resp: 41769

Ion Ratio Lower Upper

96 100

61 191.1 136.4 253.2

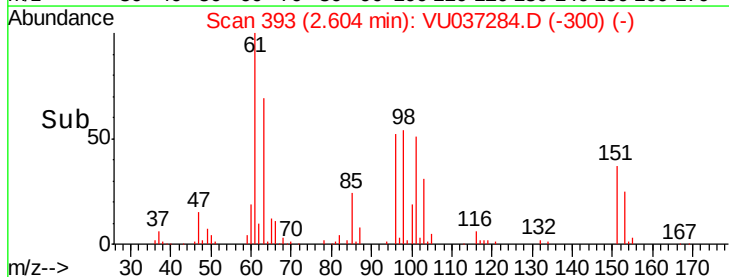
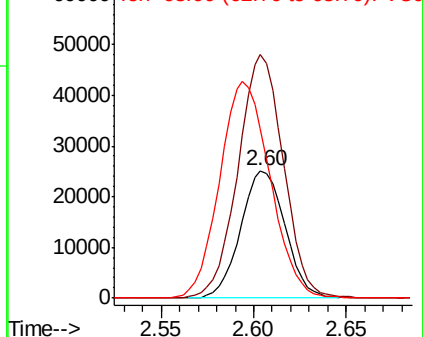
63 132.7 86.2 160.0

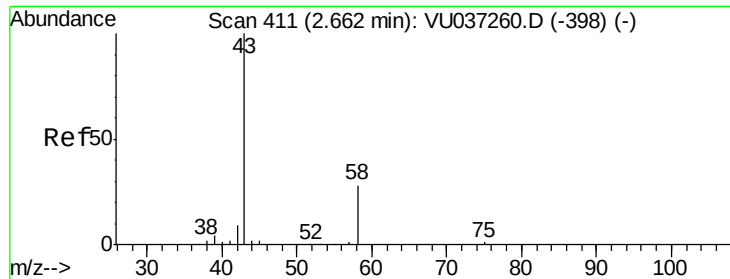


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 46.020 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

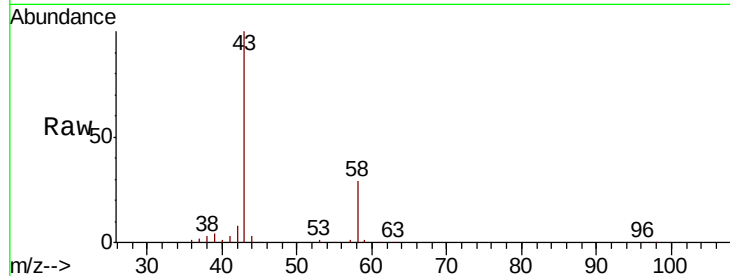
VSTD00511

Tot Ion: 43 Resp: 79535

Ion Ratio Lower Upper

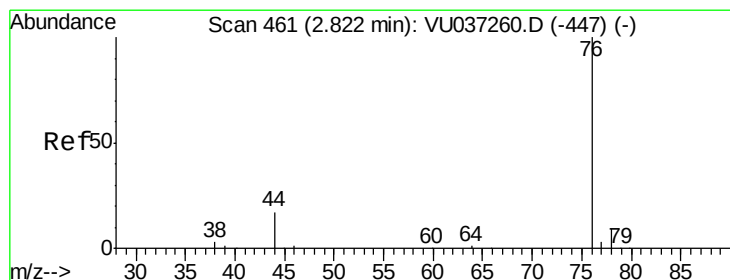
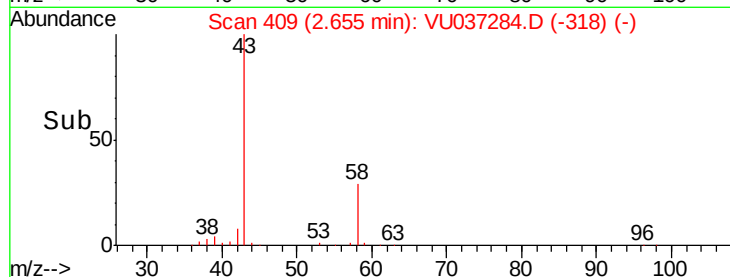
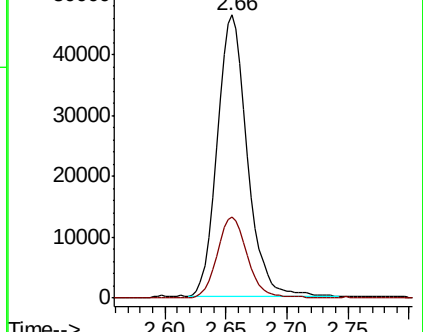
43 100

58 29.3 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037260.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037260.D (-398) (-)



#14

Carbon disulfide

Concen: 4.801 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU037284.D

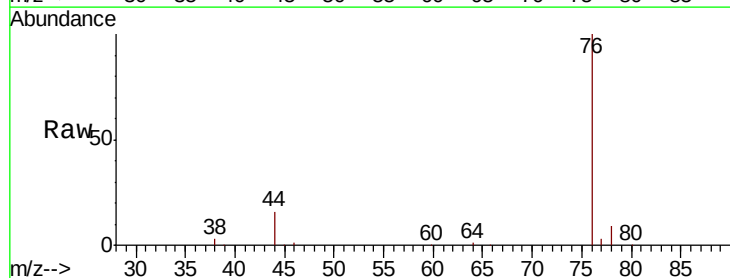
Acq: 15 Mar 2020 00:00

Tgt Ion: 76 Resp: 130540

Ion Ratio Lower Upper

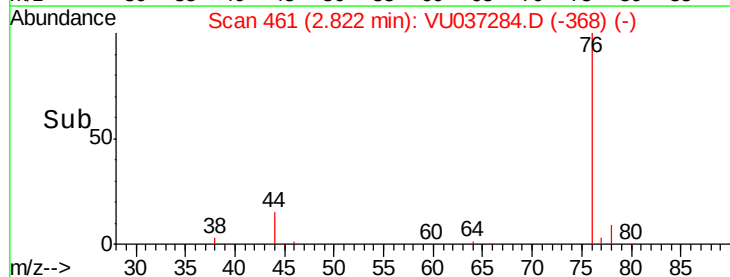
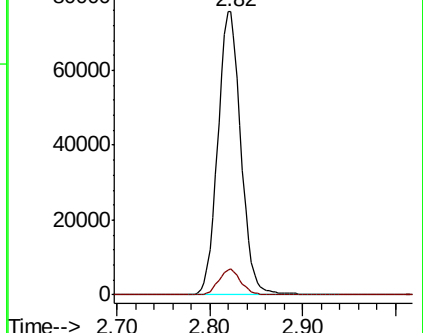
76 100

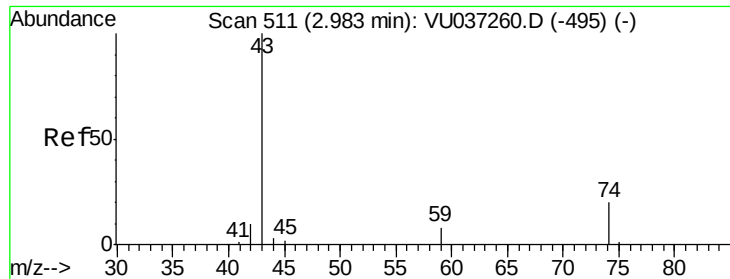
78 9.0 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU037260.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU037260.D (-447) (-)

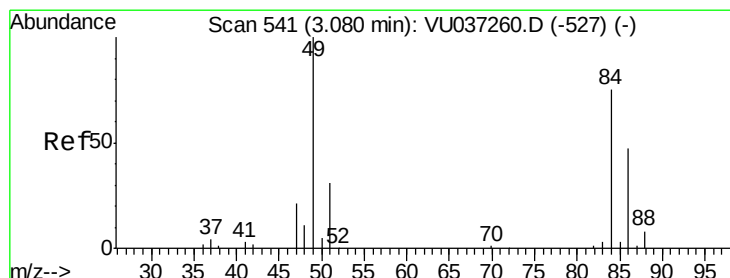
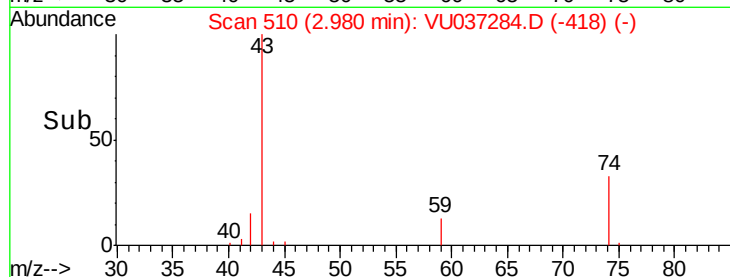
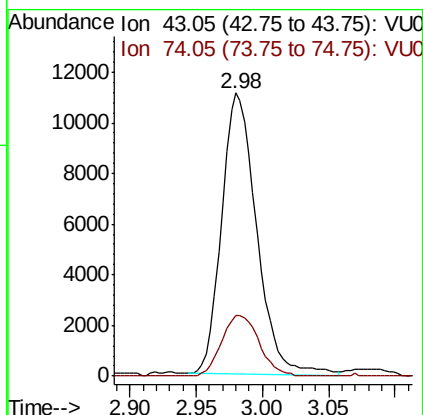
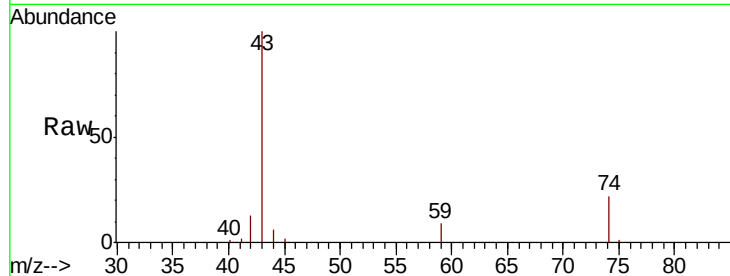




#15
Methvl Acetate
Concen: 5.024 ug/L
RT: 2.98 min Scan# 510
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

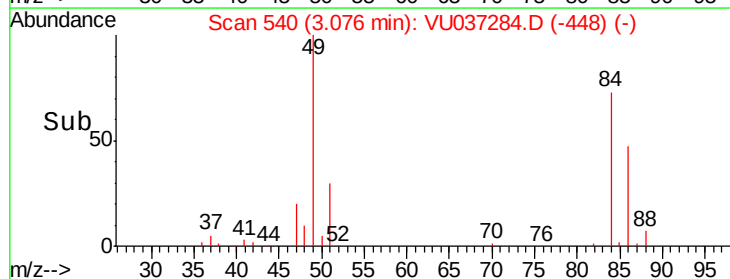
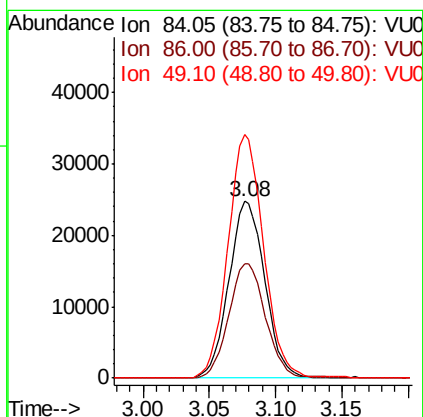
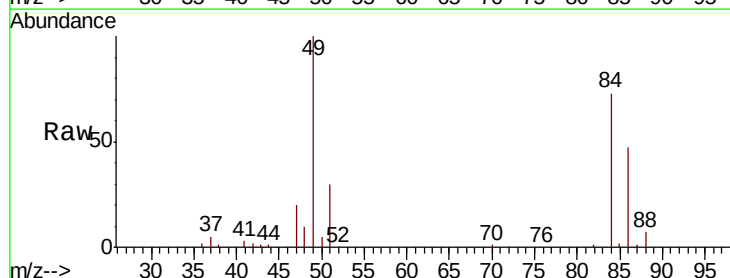
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

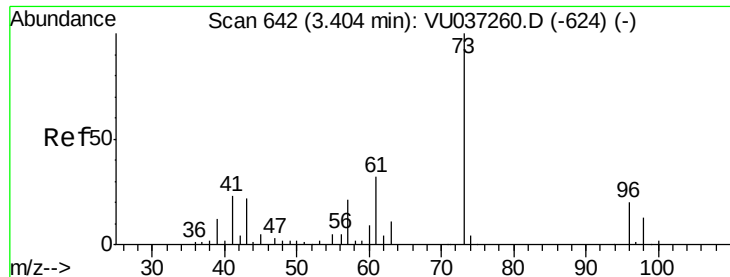
Tot Ion: 43 Resp: 20321
Ion Ratio Lower Upper
43 100
74 23.1 17.1 25.7



#16
Methylene chloride
Concen: 4.745 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion: 84 Resp: 46696
Ion Ratio Lower Upper
84 100
86 64.7 44.3 82.3
49 137.8 95.3 177.1

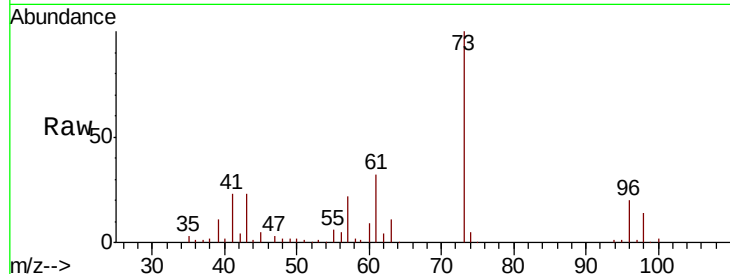




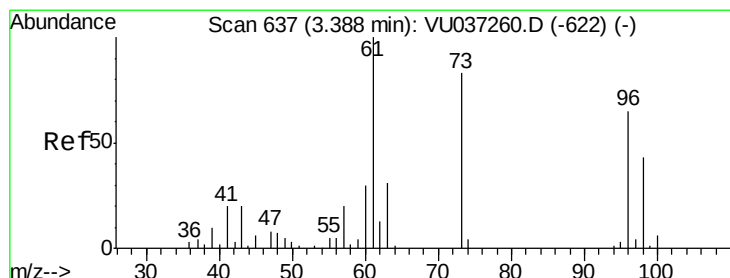
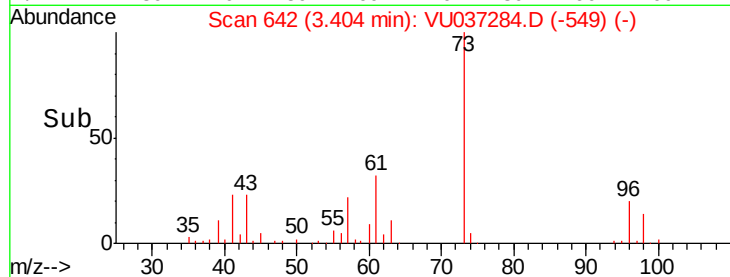
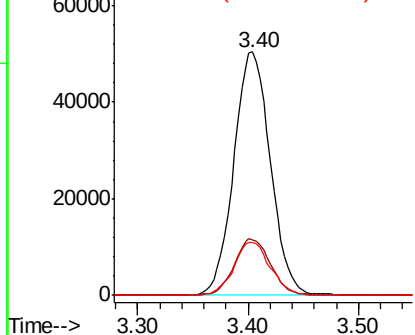
#17
Methyl tert-butyl Ether
Concen: 5.261 ug/L
RT: 3.40 min Scan# 642
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

Tot Ion: 73 Resp: 115835
Ion Ratio Lower Upper
73 100
43 23.1 21.1 31.7
57 21.8 17.9 26.9

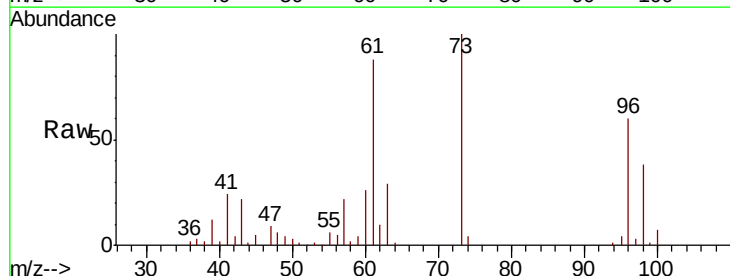


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

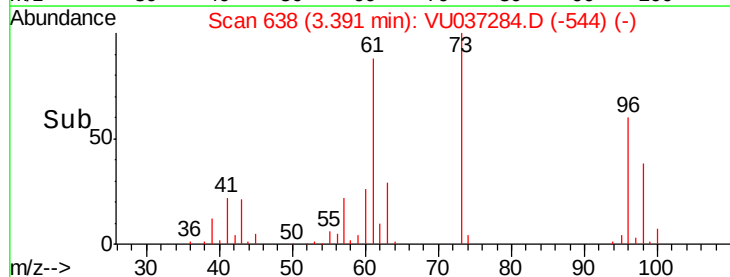
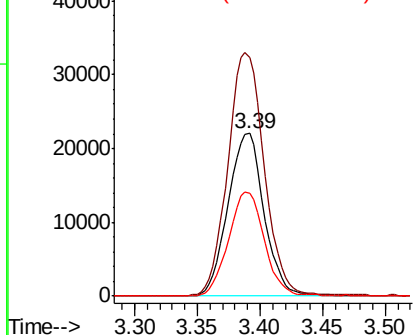


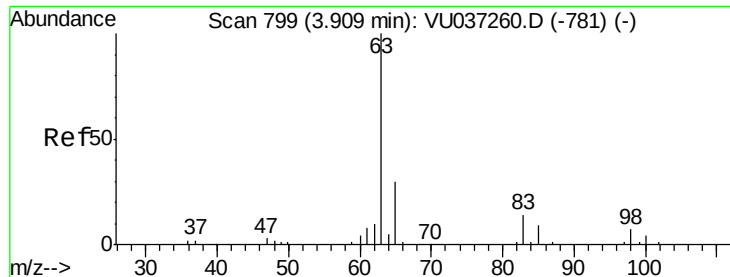
#18
trans-1,2-Dichloroethene
Concen: 5.087 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion: 96 Resp: 44084
Ion Ratio Lower Upper
96 100
61 146.8 107.2 199.2
98 63.4 43.6 81.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

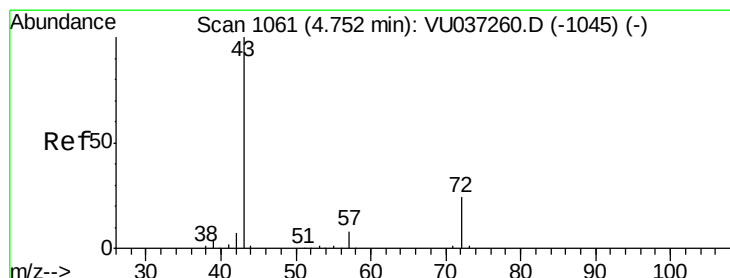
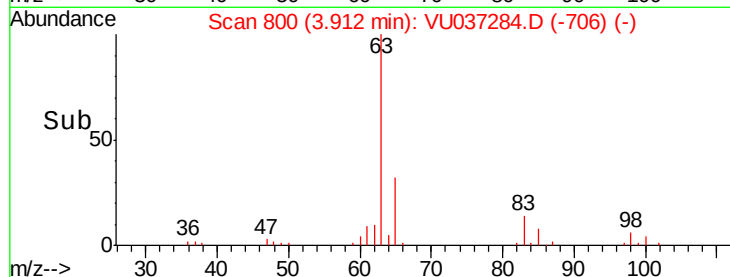
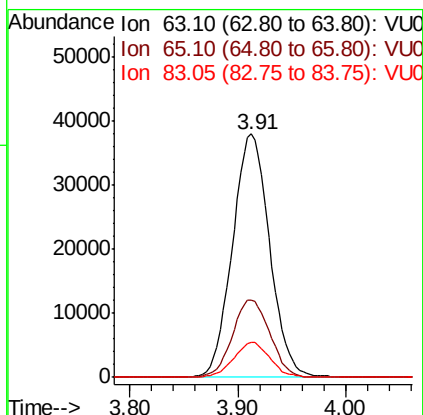
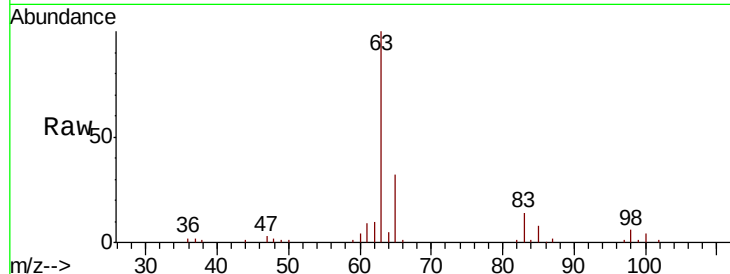




#19
 1,1-Dichloroethane
 Concen: 5.205 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

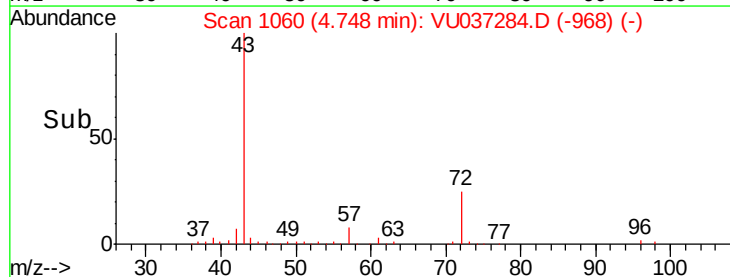
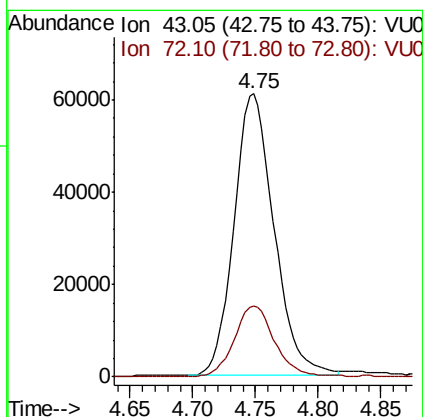
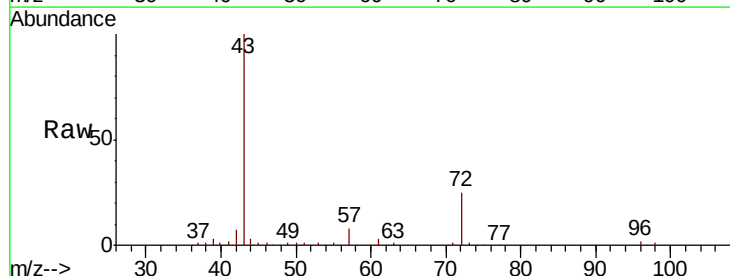
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

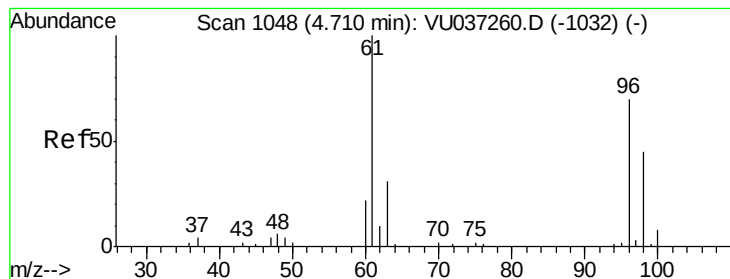
Tot Ion: 63 Resp: 91302
 Ion Ratio Lower Upper
 63 100
 65 31.7 21.3 39.5
 83 14.5 10.0 18.6



#21
 2-Butanone
 Concen: 49.891 ug/L
 RT: 4.75 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion: 43 Resp: 135730
 Ion Ratio Lower Upper
 43 100
 72 25.6 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 5.256 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511

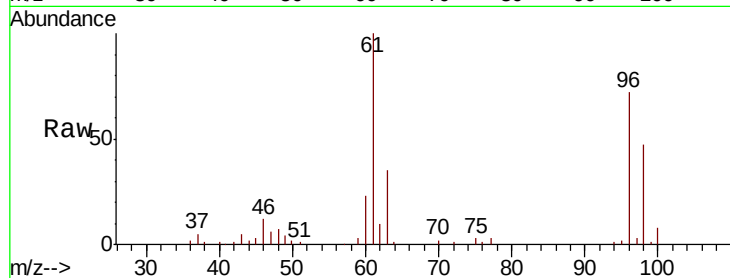
Tot Ion: 96 Resp: 50127

Ion Ratio Lower Upper

96 100

61 138.7 94.1 174.8

68 0.0 0.0 0.0

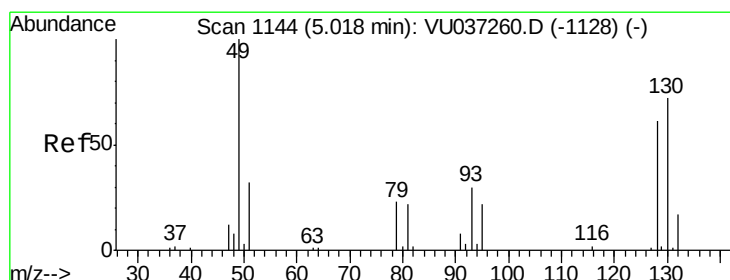
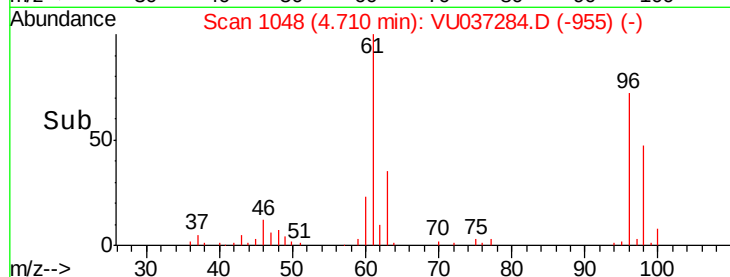
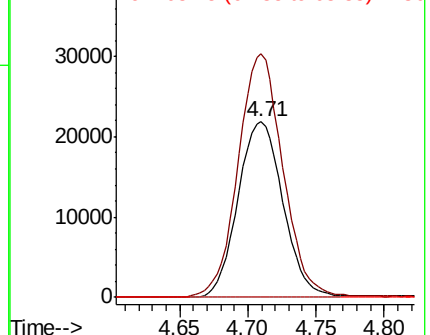


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#23

Bromochloromethane

Concen: 5.456 ug/L

RT: 5.02 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Tgt Ion: 128 Resp: 22805

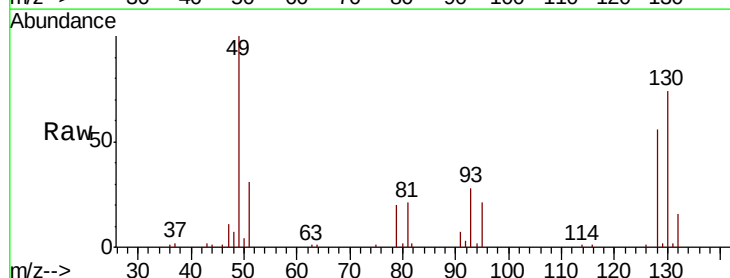
Ion Ratio Lower Upper

128 100

49 178.4 115.7 214.9

130 131.4 83.1 154.3

51 55.9 42.5 63.7



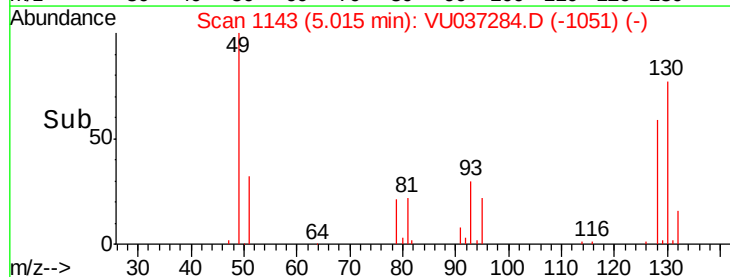
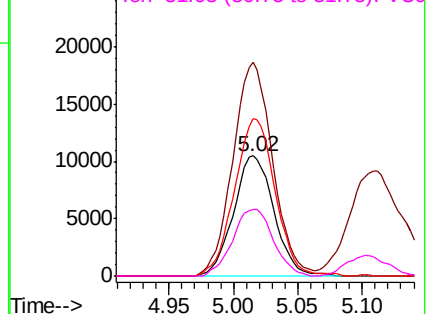
Abundance

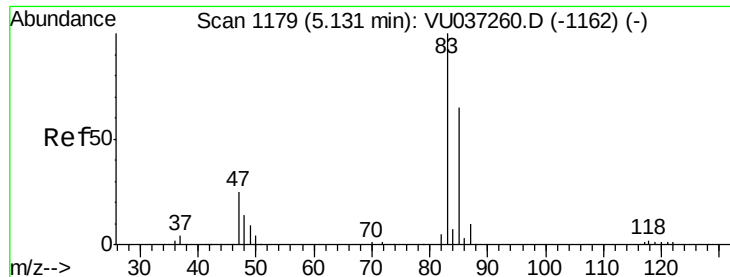
Ion 127.90 (127.60 to 128.60): V

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

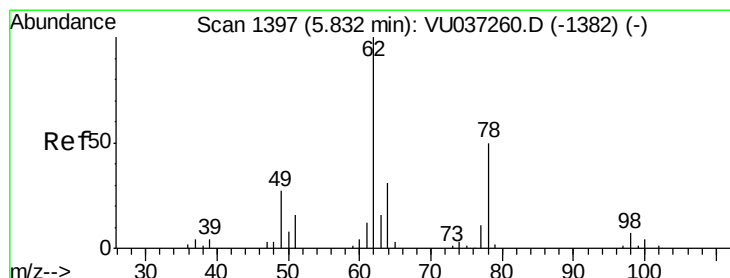
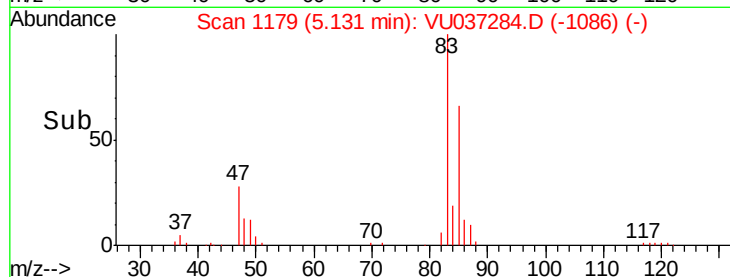
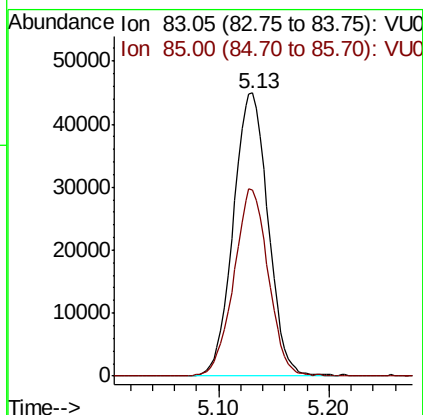
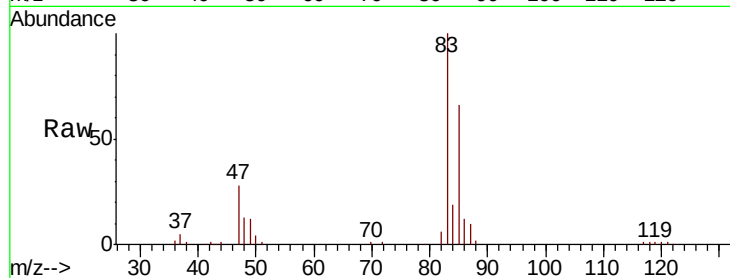




#25
Chloroform
Concen: 5.138 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

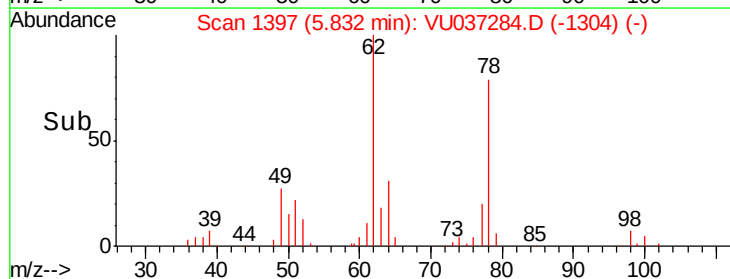
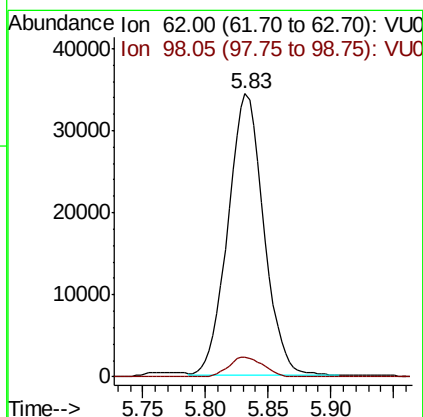
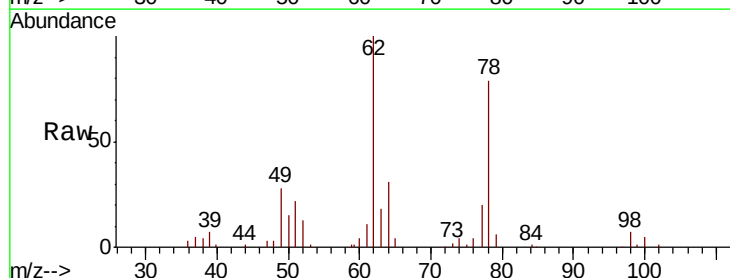
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

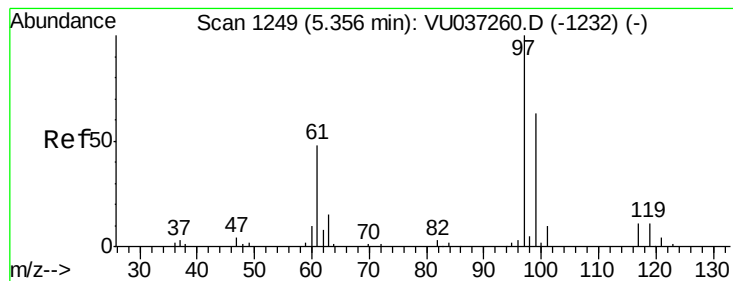
Tot Ion: 83 Resp: 98321
Ion Ratio Lower Upper
83 100
85 65.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.094 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion: 62 Resp: 67943
Ion Ratio Lower Upper
62 100
98 7.0 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.290 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511

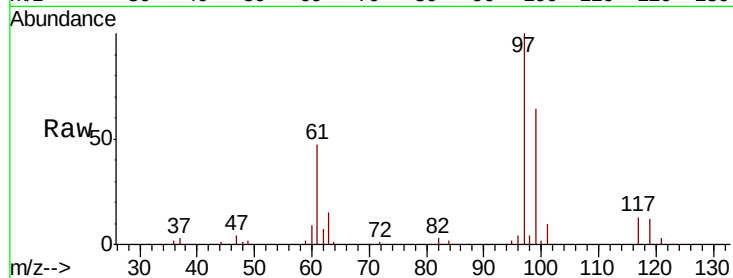
Tot Ion: 97 Resp: 86680

Ion Ratio Lower Upper

97 100

99 65.4 52.4 78.6

61 47.0 40.6 61.0

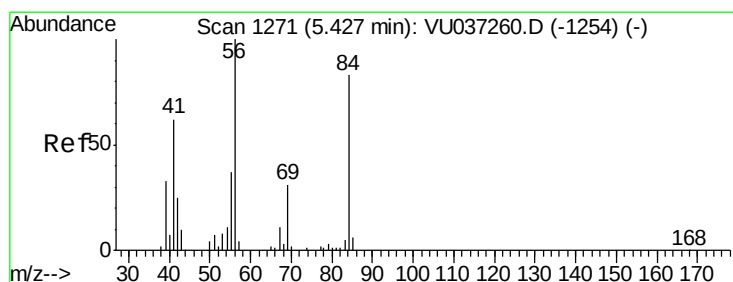
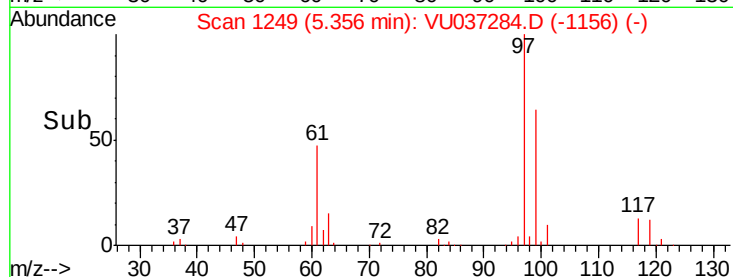
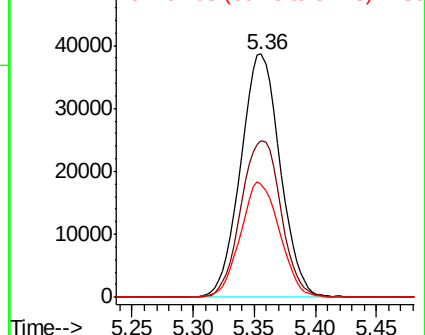


Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 4.811 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

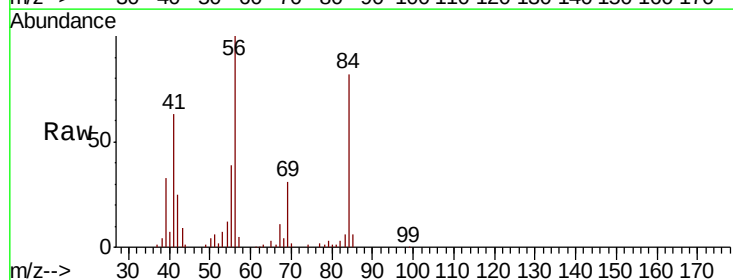
Tgt Ion: 56 Resp: 76254

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

84 83.7 65.4 98.2

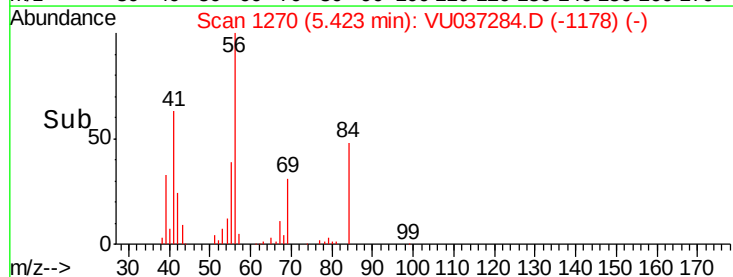
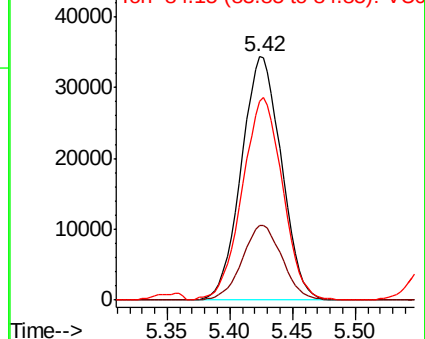


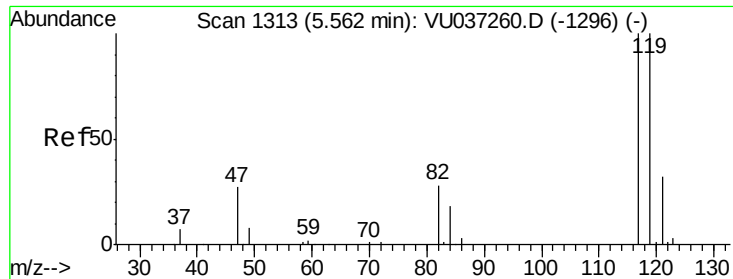
Abundance

Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

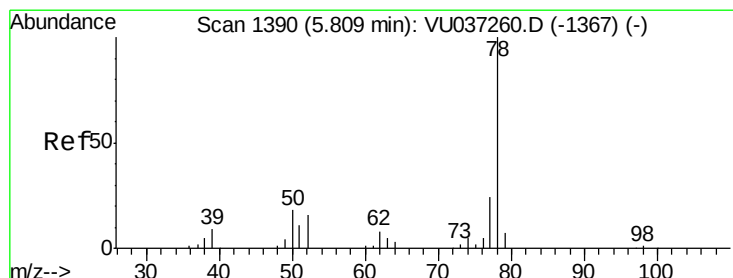
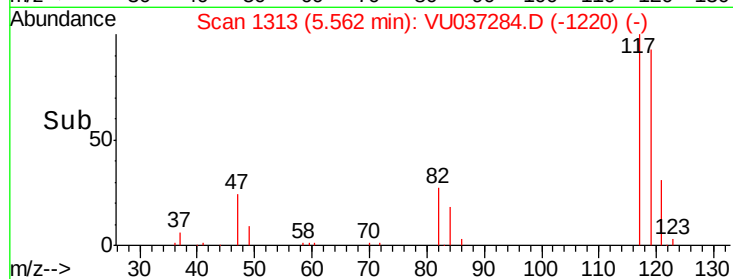
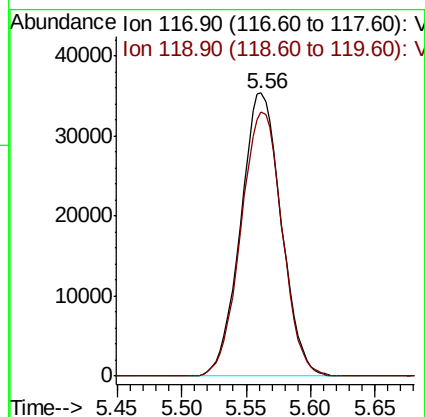
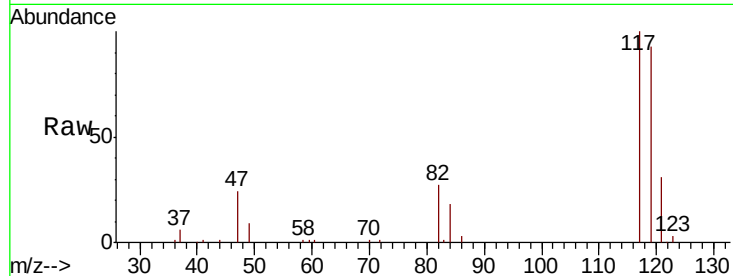




#31
Carbon tetrachloride
Concen: 5.475 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

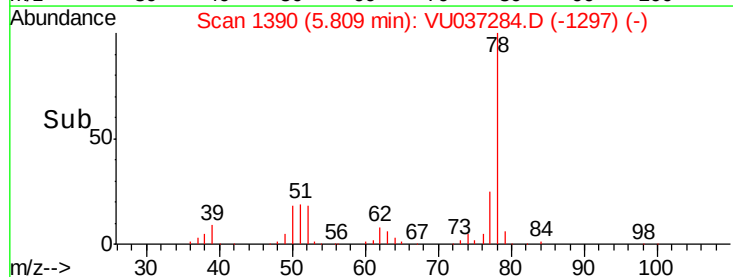
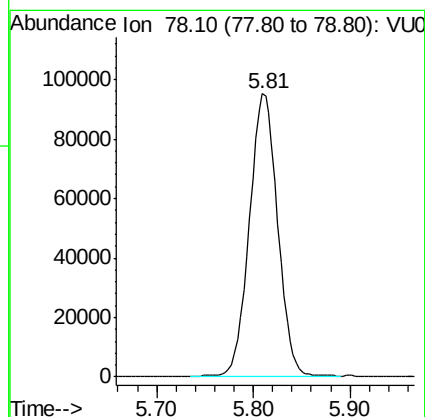
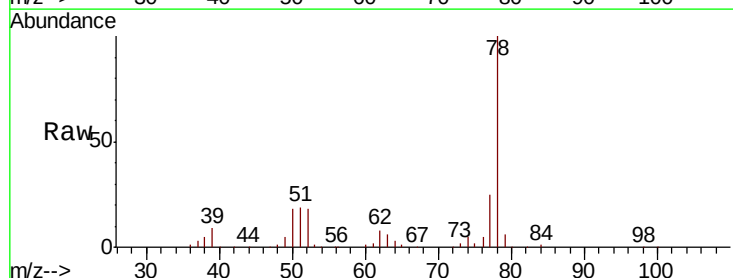
Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

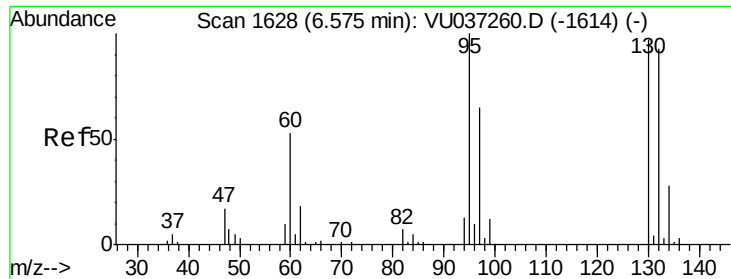
Tot Ion:117 Resp: 77722
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.4



#33
Benzene
Concen: 5.141 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion: 78 Resp: 194486





#34

Trichloroethene

Concen: 5.152 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511

Tot Ion: 95 Resp: 52637

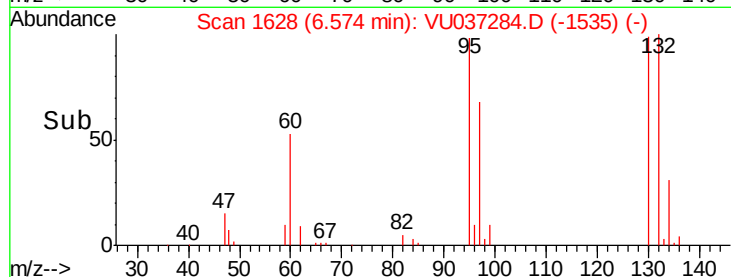
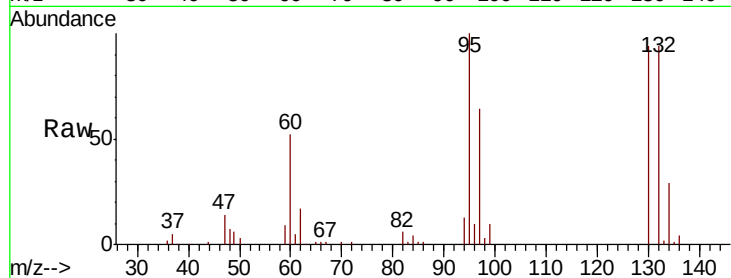
Ion Ratio Lower Upper

95 100

97 64.1 45.4 84.4

132 94.3 63.7 118.3

130 93.8 64.8 120.4



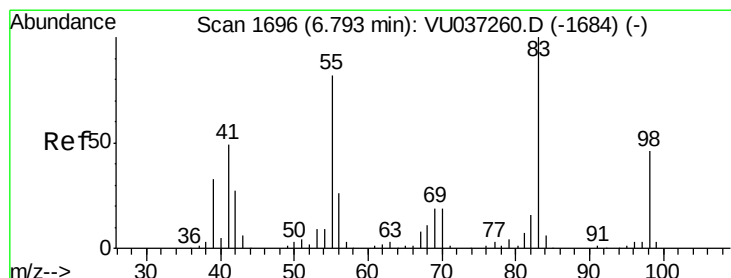
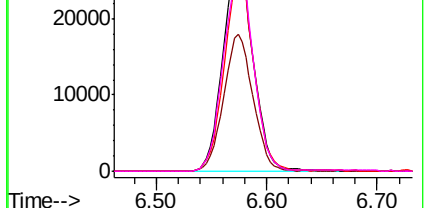
Abundance Ion 95.00 (94.70 to 95.70): VU037284.D (-1535) (-)

Ion 96.95 (96.65 to 97.65): VU037284.D (-1535) (-)

Ion 131.95 (131.65 to 132.65): VU037284.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU037284.D (-1535) (-)

Time-->



#35

Methylcyclohexane

Concen: 4.820 ug/L

RT: 6.79 min Scan# 1696

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

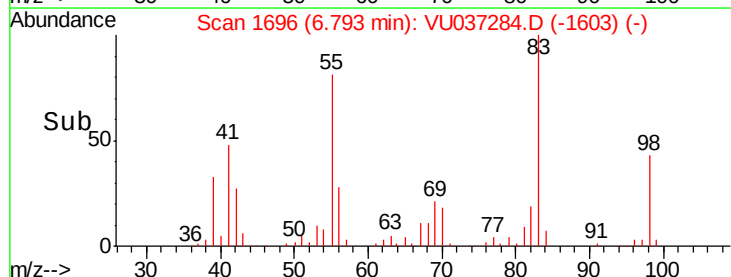
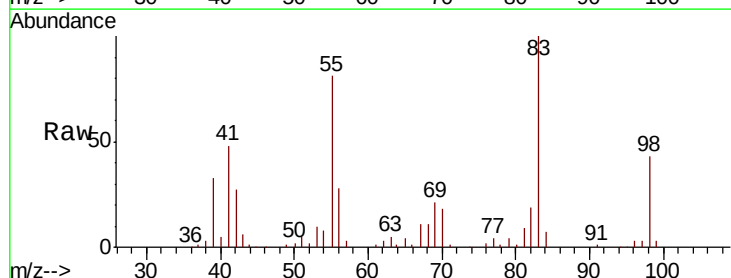
Tgt Ion: 83 Resp: 76111

Ion Ratio Lower Upper

83 100

55 82.2 68.1 102.1

98 45.3 37.0 55.4

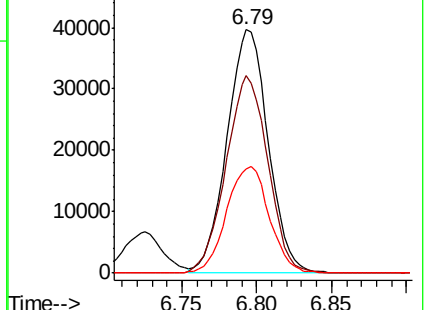


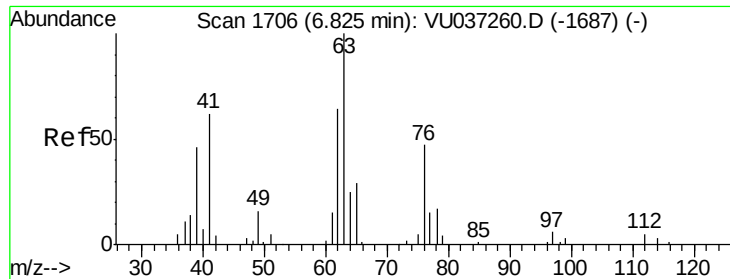
Abundance Ion 83.15 (82.85 to 83.85): VU037284.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037284.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037284.D (-1603) (-)

Time-->

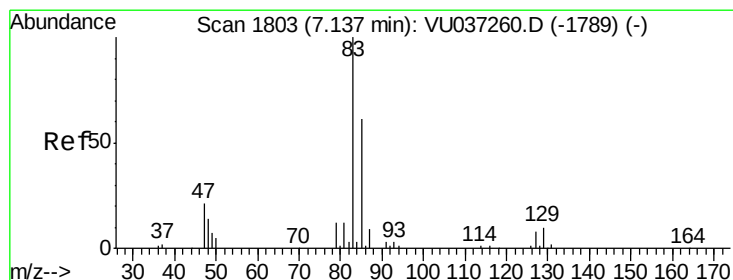
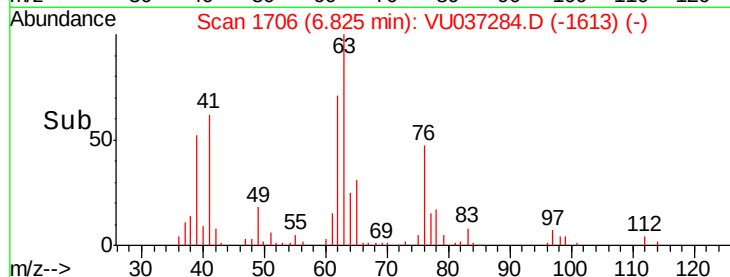
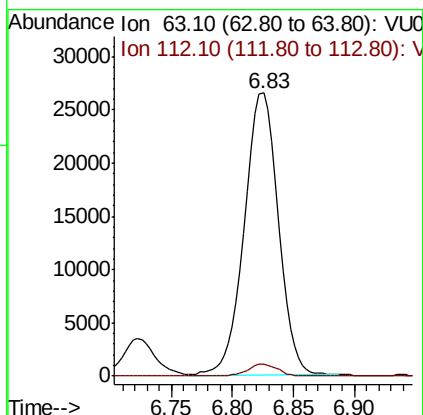
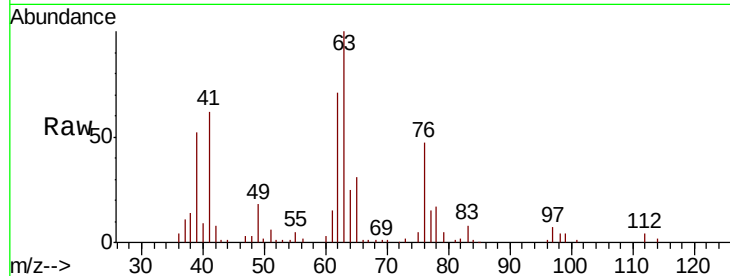




#37
 1,2-Dichloropropane
 Concen: 5.149 ug/L
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

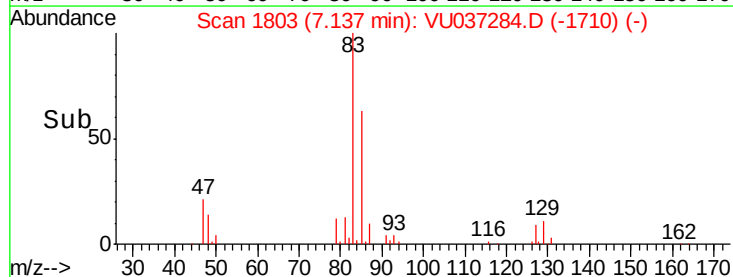
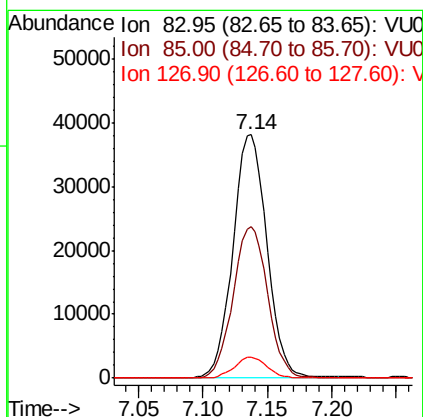
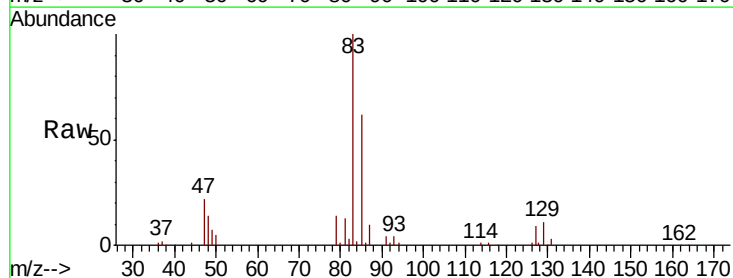
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

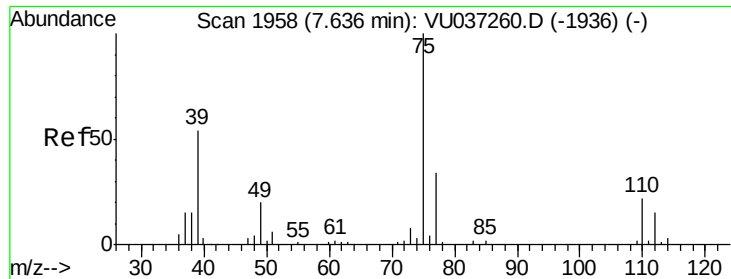
Tot Ion: 63 Resp: 51261
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.0 4.6



#38
 Bromodichloromethane
 Concen: 5.306 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion: 83 Resp: 70077
 Ion Ratio Lower Upper
 83 100
 85 62.3 45.1 83.7
 127 8.8 6.7 10.1

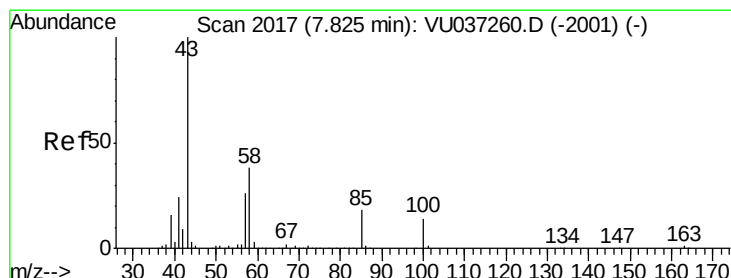
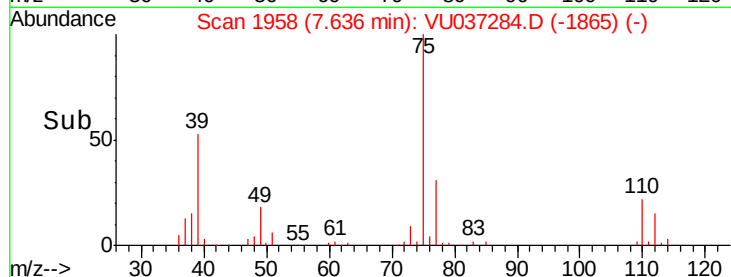
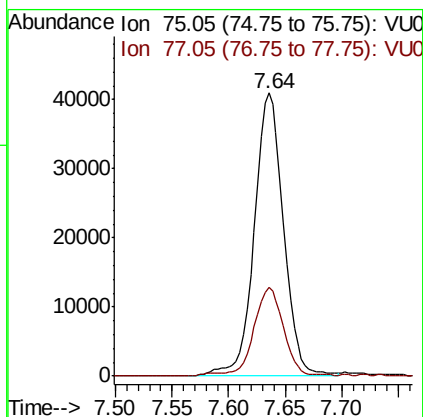
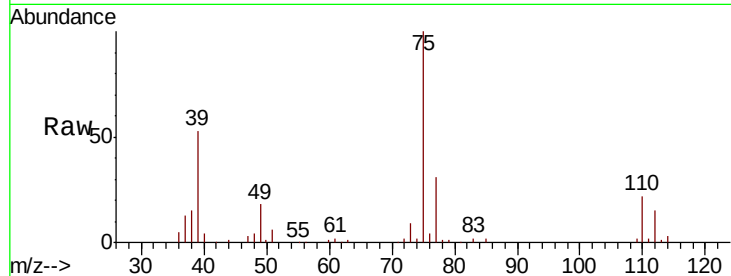




#39
 cis-1,3-Dichloropropene
 Concen: 5.161 ug/L
 RT: 7.64 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

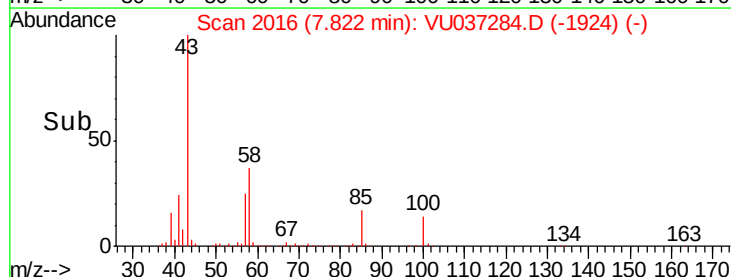
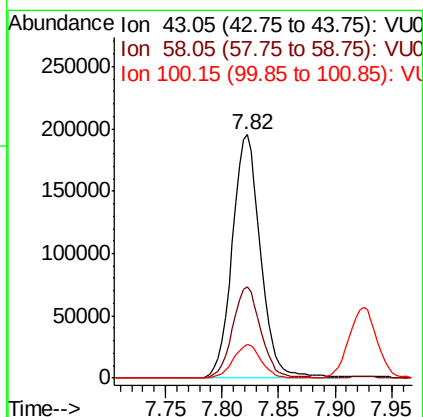
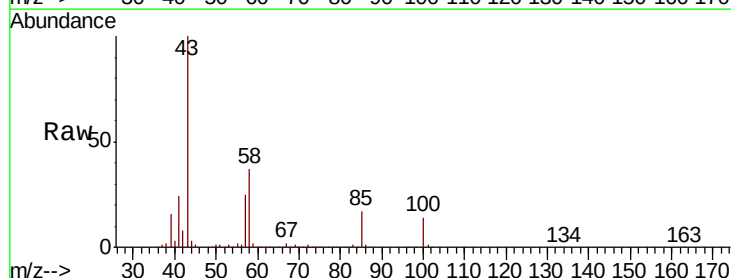
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

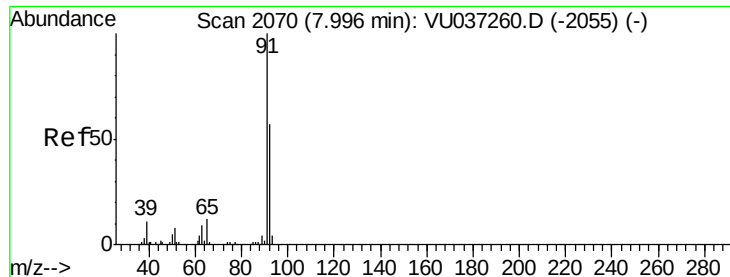
Tot Ion: 75 Resp: 73748
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 48.263 ug/L
 RT: 7.82 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion: 43 Resp: 339986
 Ion Ratio Lower Upper
 43 100
 58 37.5 28.6 42.8
 100 13.7 10.2 15.2





#42

Toluene

Concen: 5.301 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

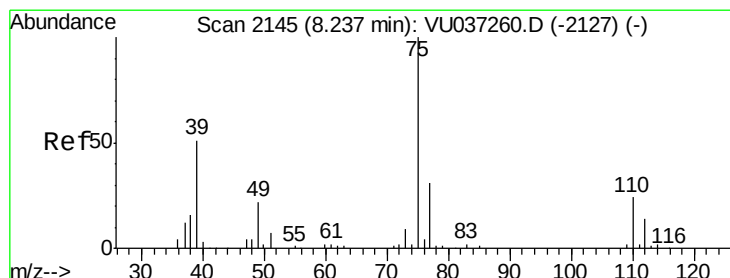
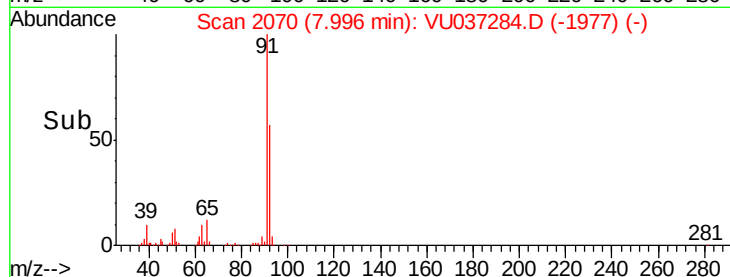
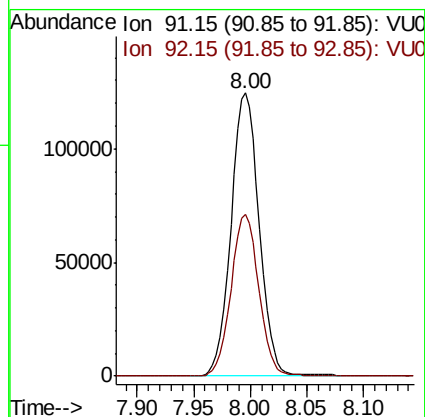
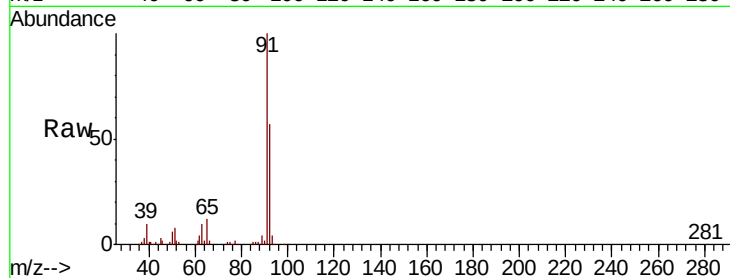
VSTD00511

Tot Ion: 91 Resp: 215297

Ion Ratio Lower Upper

91 100

92 57.3 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 5.231 ug/L

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037284.D

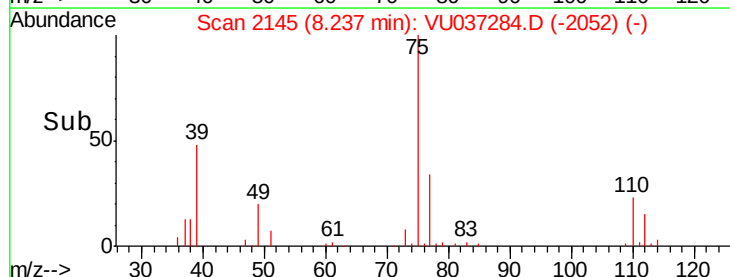
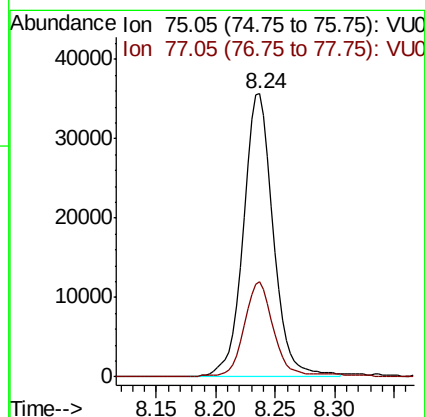
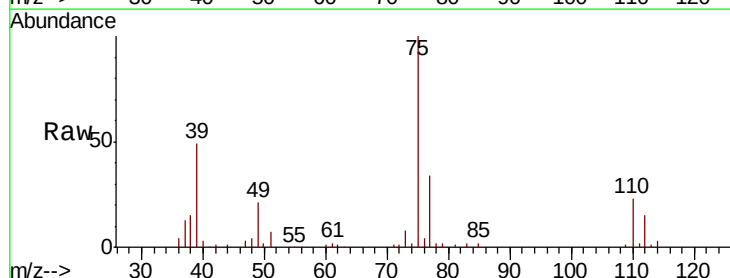
Acq: 15 Mar 2020 00:00

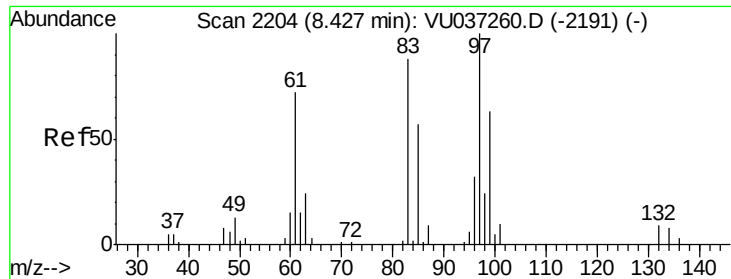
Tgt Ion: 75 Resp: 62347

Ion Ratio Lower Upper

75 100

77 33.8 21.2 39.4

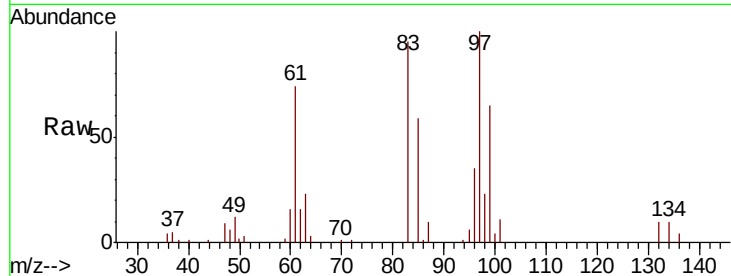




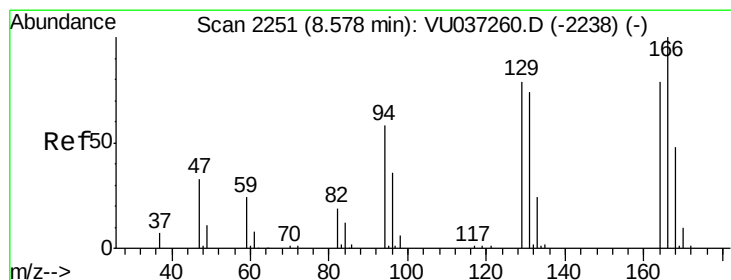
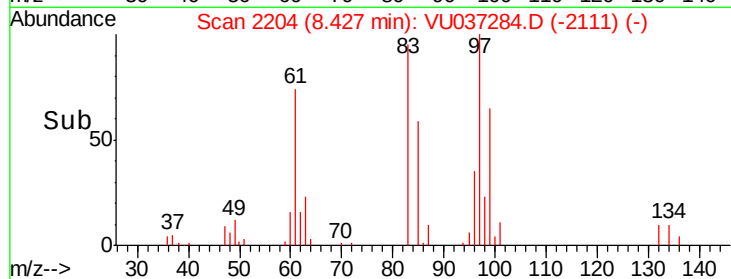
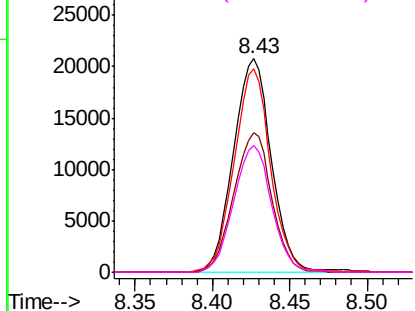
#45
 1,1,2-Trichloroethane
 Concen: 4.936 ug/L
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Tot Ion: 97 Resp: 35454
 Ion Ratio Lower Upper
 97 100
 99 65.4 43.6 81.0
 83 95.3 60.1 111.7
 85 59.1 37.8 70.2

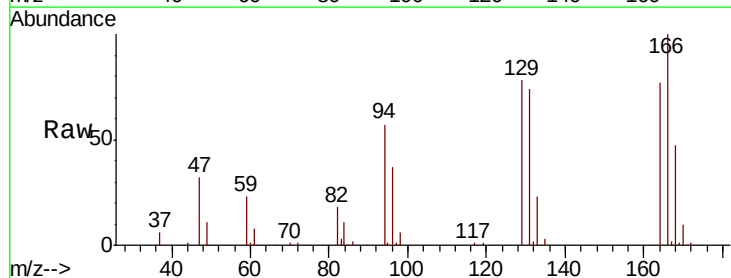


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

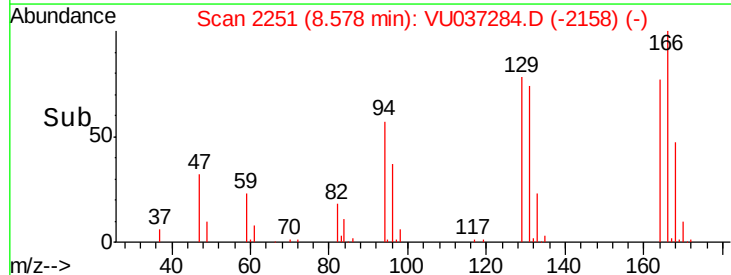
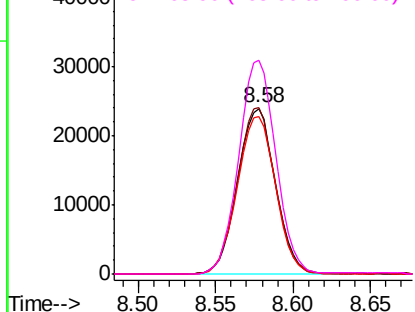


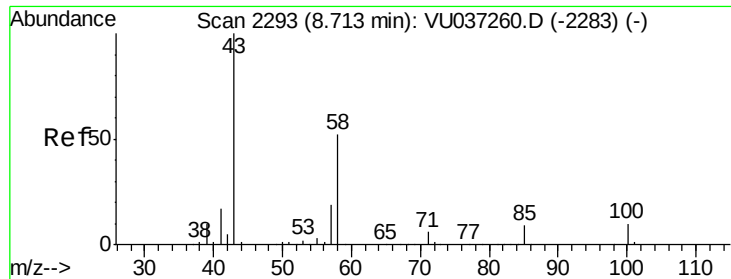
#47
 Tetrachloroethene
 Concen: 5.127 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion: 164 Resp: 40732
 Ion Ratio Lower Upper
 164 100
 129 100.3 69.8 129.6
 131 95.3 66.1 122.8
 166 129.1 88.1 163.5



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

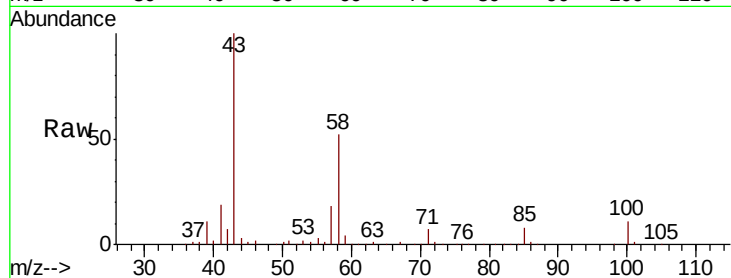




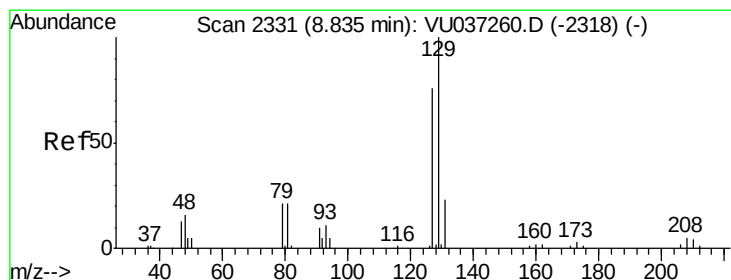
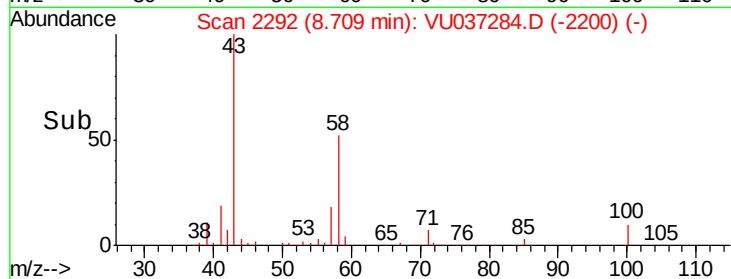
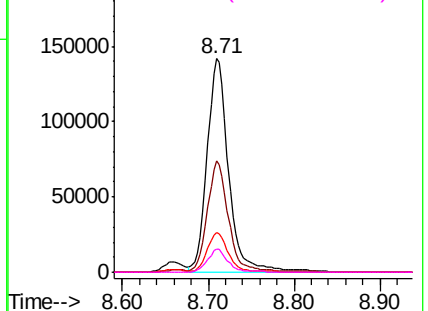
#48
2-Hexanone
Concen: 50.637 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Instrument :
MSVOA_U
ClientSampled :
VSTD00511

Tot Ion: 43 Resp: 248698
Ion Ratio Lower Upper
43 100
58 49.3 38.6 58.0
57 17.8 13.6 20.4
100 10.0 7.4 11.2

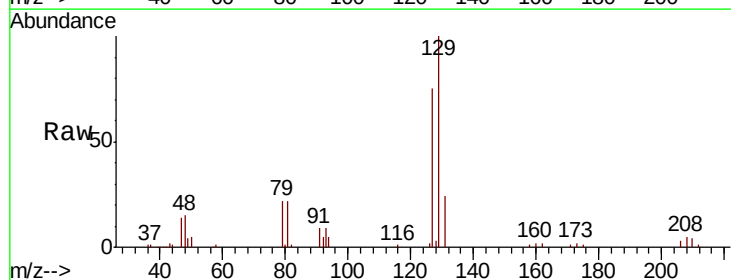


Abundance Ion 43.05 (42.75 to 43.75): VU037260.D (-2283) (-)
Ion 58.05 (57.75 to 58.75): VU037260.D (-2283) (-)
Ion 57.20 (56.90 to 57.90): VU037260.D (-2283) (-)
Ion 100.15 (99.85 to 100.85): VU037260.D (-2283) (-)

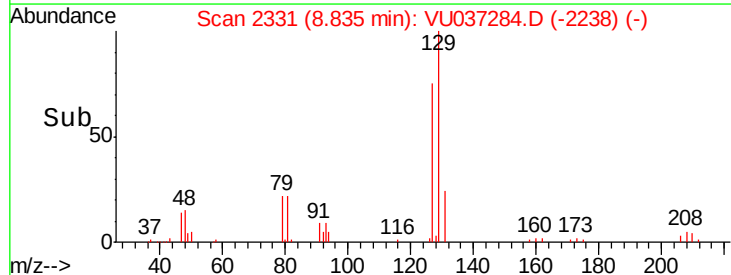
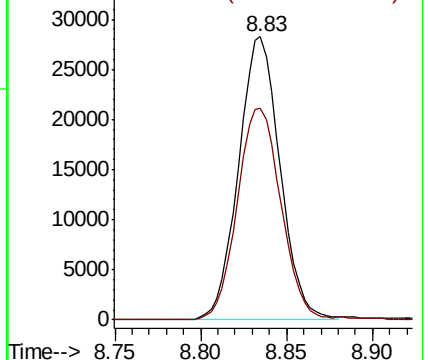


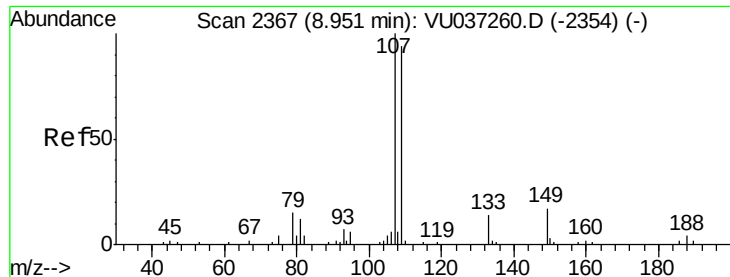
#49
Dibromochloromethane
Concen: 5.475 ug/L
RT: 8.83 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion: 129 Resp: 47362
Ion Ratio Lower Upper
129 100
127 74.7 54.9 102.1



Abundance Ion 128.95 (128.65 to 129.65): VU037260.D (-2318) (-)
Ion 126.90 (126.60 to 127.60): VU037260.D (-2318) (-)

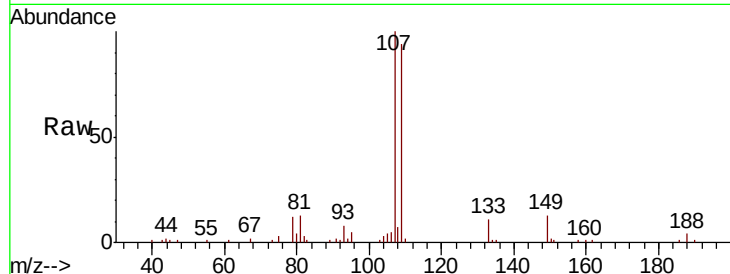




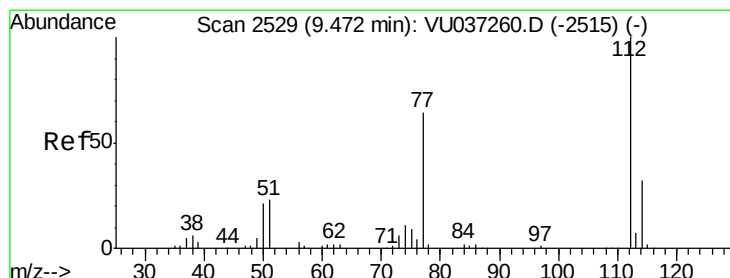
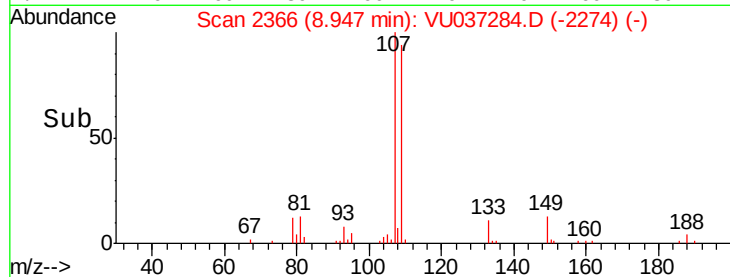
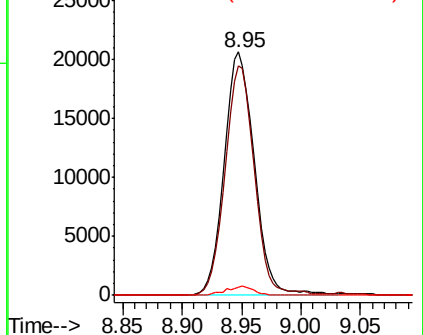
#50
1,2-Dibromoethane
Concen: 5.340 ug/L
RT: 8.95 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Instrument :
MSVOA_U
ClientSampled :
VSTD00511

Tot Ion:107 Resp: 36369
Ion Ratio Lower Upper
107 100
109 94.5 68.2 126.6
188 3.5 2.0 3.0#

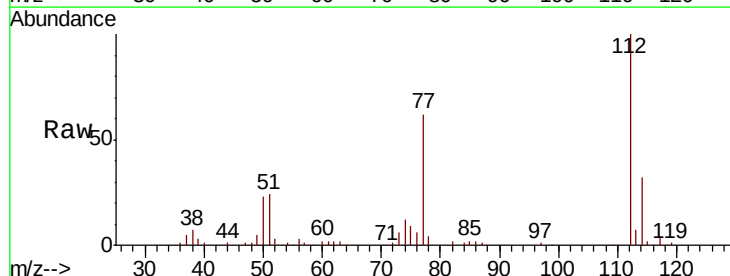


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

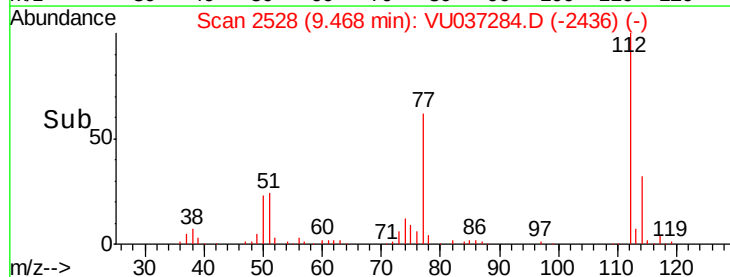
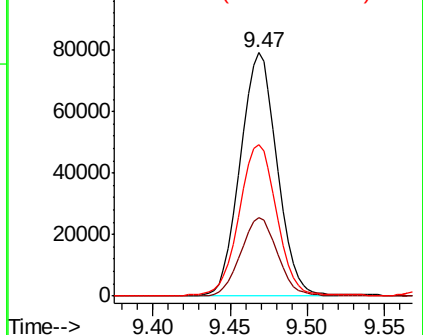


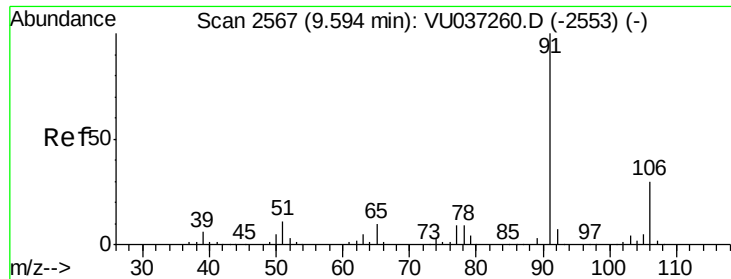
#51
Chlorobenzene
Concen: 5.029 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion:112 Resp: 131501
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 62.3 49.4 74.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.237 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

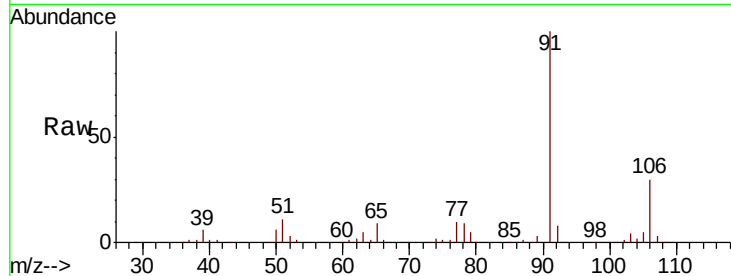
VSTD00511

Tot Ion: 91 Resp: 235174

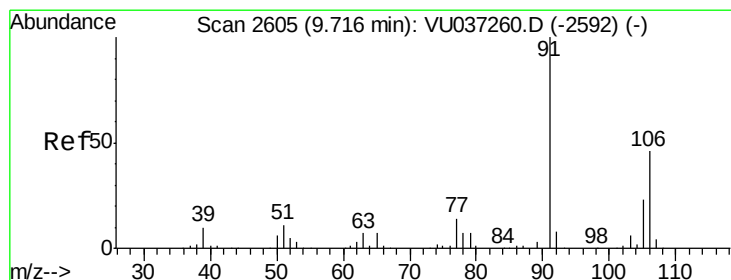
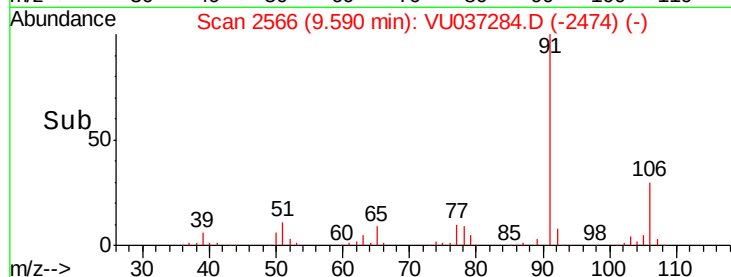
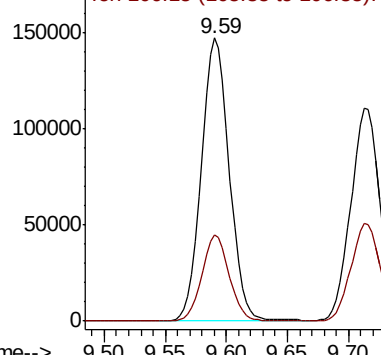
Ion Ratio Lower Upper

91 100

106 30.3 20.4 37.8



Abundance Ion 91.15 (90.85 to 91.85): VU037260.D (-2553) (-)



#53

m,p-Xylene

Concen: 5.249 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU037284.D

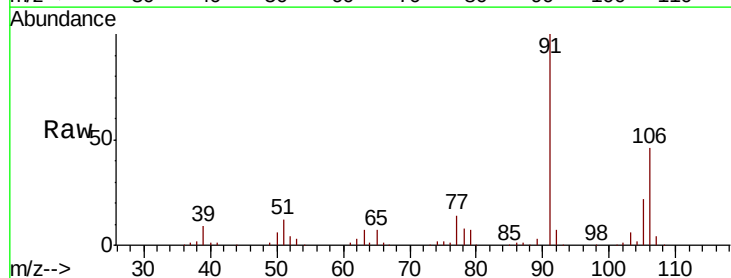
Acq: 15 Mar 2020 00:00

Tgt Ion: 106 Resp: 84736

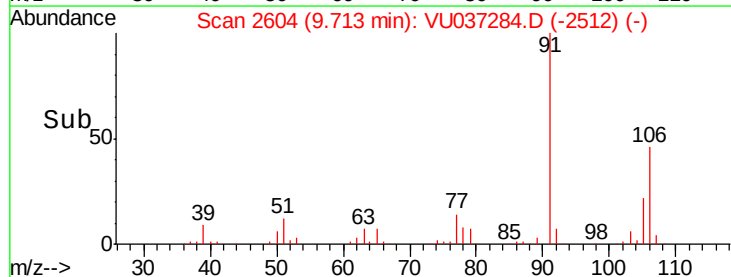
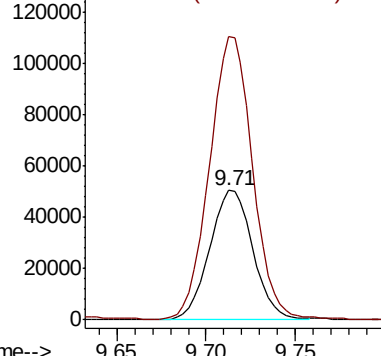
Ion Ratio Lower Upper

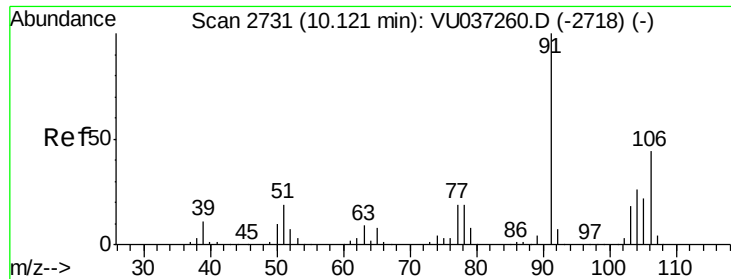
106 100

91 218.3 150.4 279.4



Abundance Ion 106.15 (105.85 to 106.85): VU037260.D (-2592) (-)

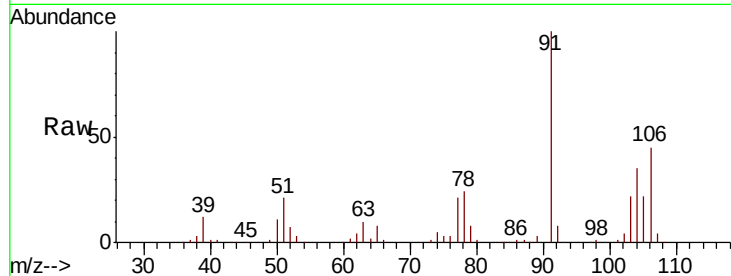




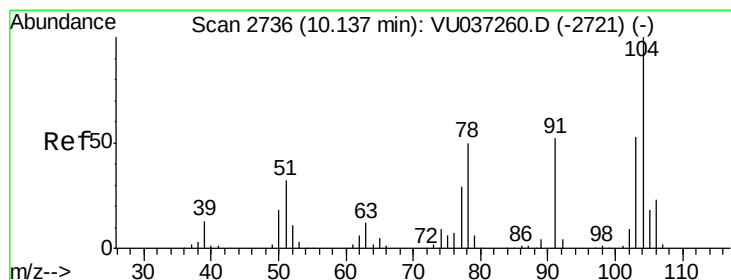
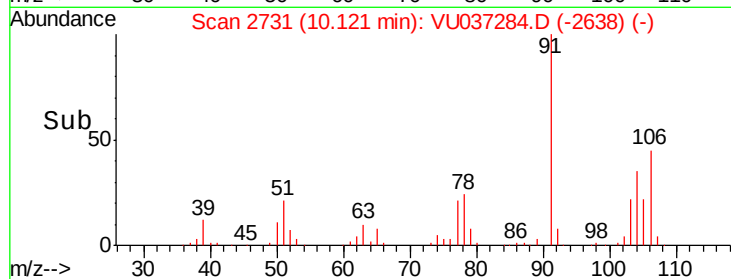
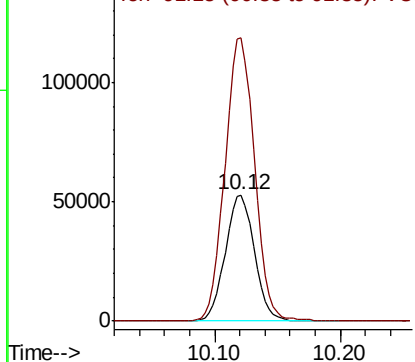
#54
o-Xylene
Concen: 5.411 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00511

Tot Ion:106 Resp: 85174
Ion Ratio Lower Upper
106 100
91 224.3 160.6 298.2

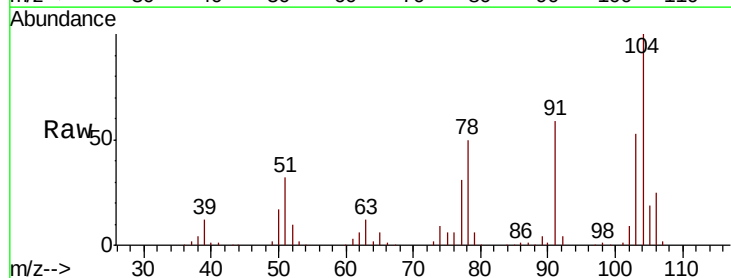


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

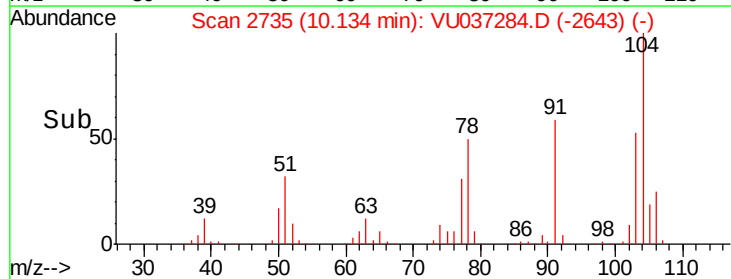
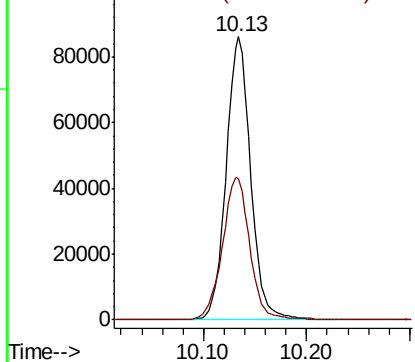


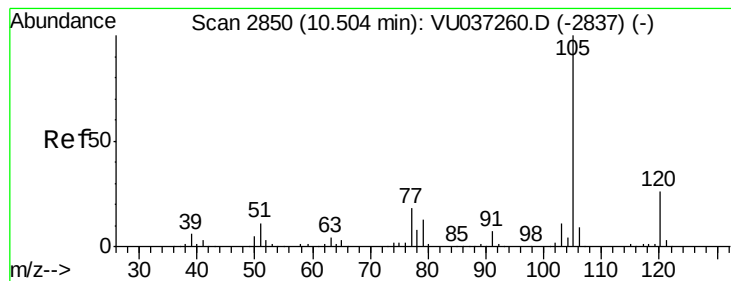
#55
Styrene
Concen: 5.518 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037284.D
Acq: 15 Mar 2020 00:00

Tgt Ion:104 Resp: 142433
Ion Ratio Lower Upper
104 100
78 49.8 36.2 67.2



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





#56

Isopropylbenzene

Concen: 5.515 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511

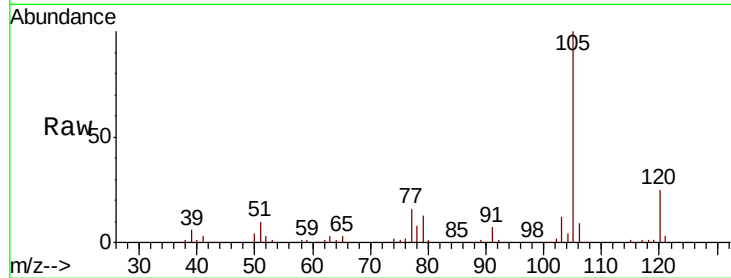
Tot Ion:105 Resp: 232966

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

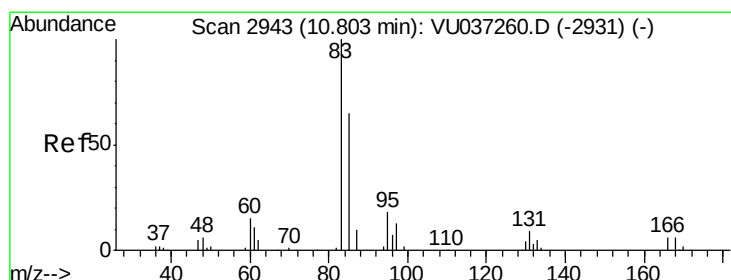
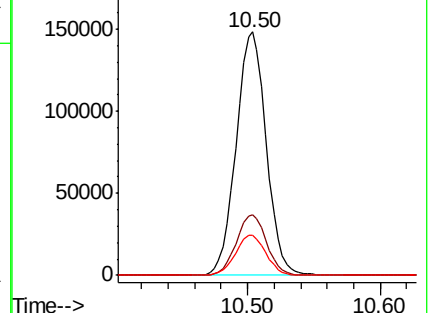
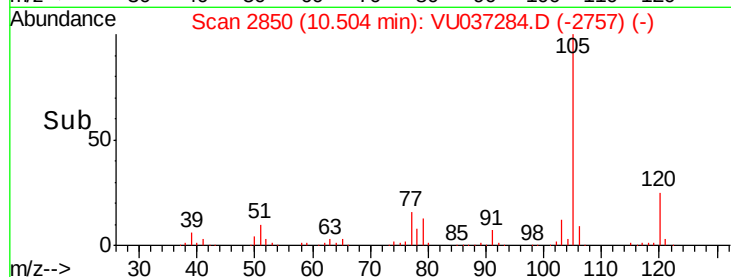
77 16.8 14.2 21.4



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: 5.261 ug/L

RT: 10.80 min Scan# 2942

Delta R.T. -0.00 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

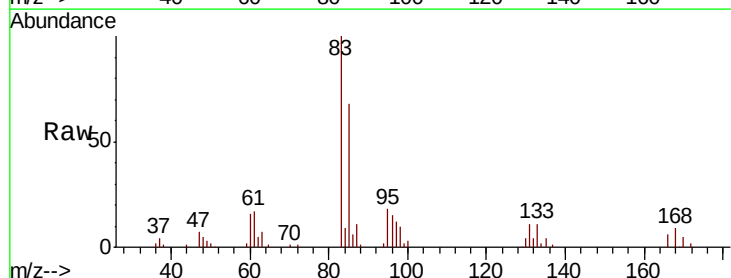
Tgt Ion: 83 Resp: 46665

Ion Ratio Lower Upper

83 100

85 67.5 43.0 80.0

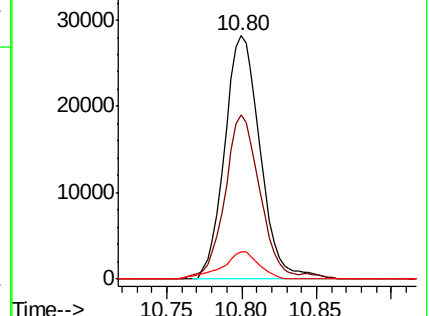
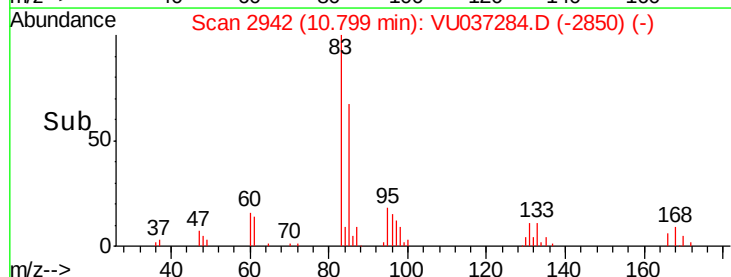
131 11.0 8.2 12.2

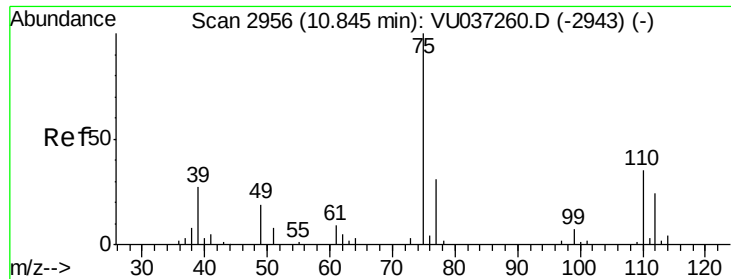


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

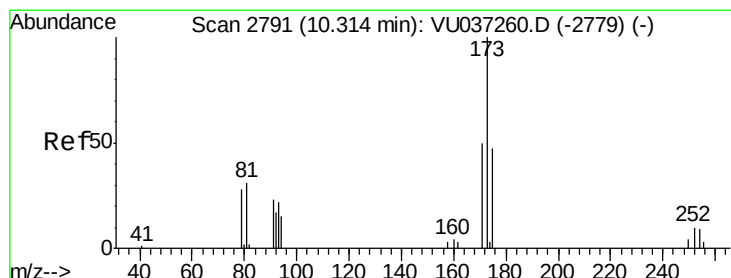
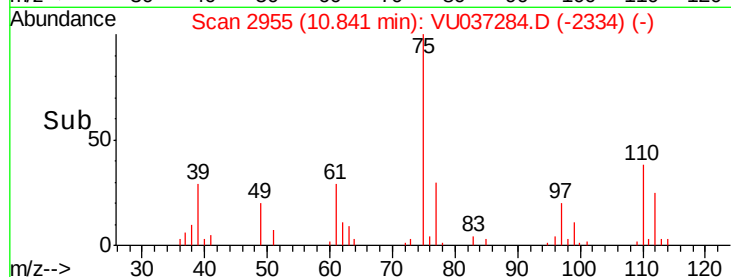
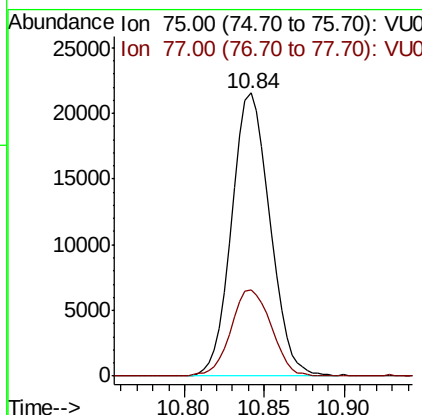
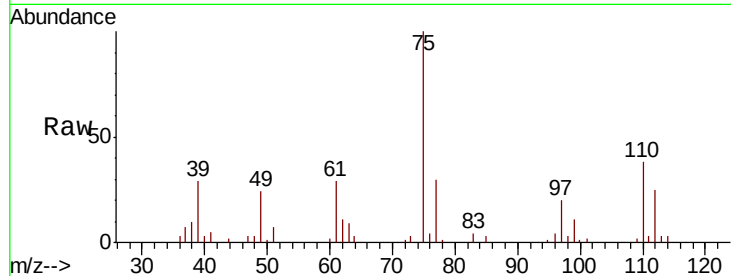




#59
 1,2,3-Trichloropropane
 Concen: 4.921 ug/L
 RT: 10.84 min Scan# 2955
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

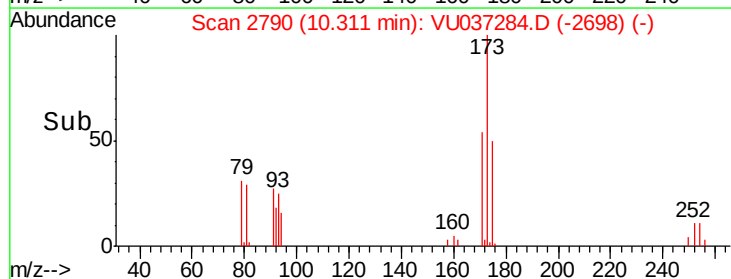
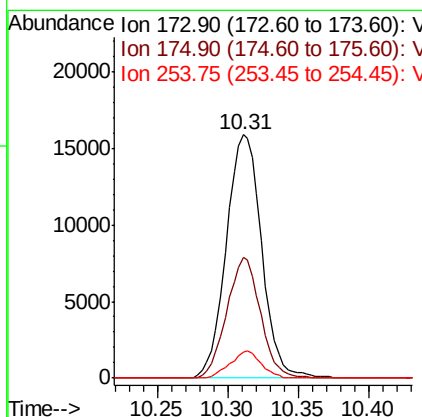
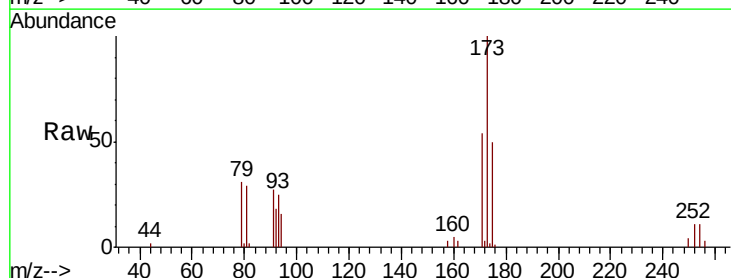
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

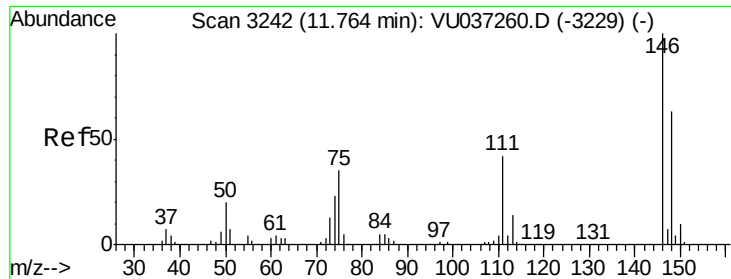
Tot Ion: 75 Resp: 35055
 Ion Ratio Lower Upper
 75 100
 77 32.2 27.4 41.0



#61
 Bromoform
 Concen: 5.723 ug/L
 RT: 10.31 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion: 173 Resp: 27881
 Ion Ratio Lower Upper
 173 100
 175 47.0 37.4 56.2
 254 9.6 3.5 5.3#

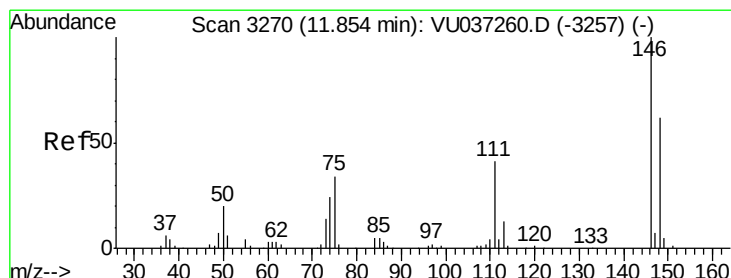
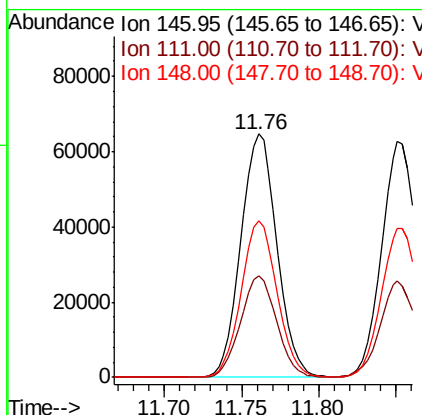
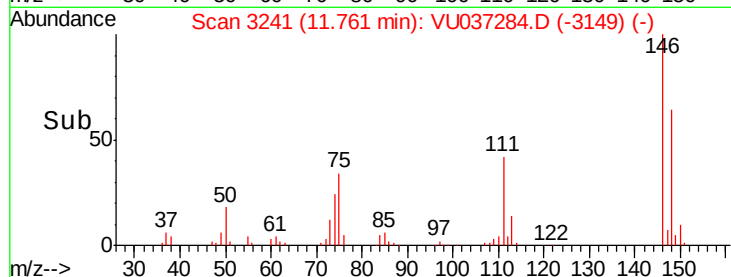
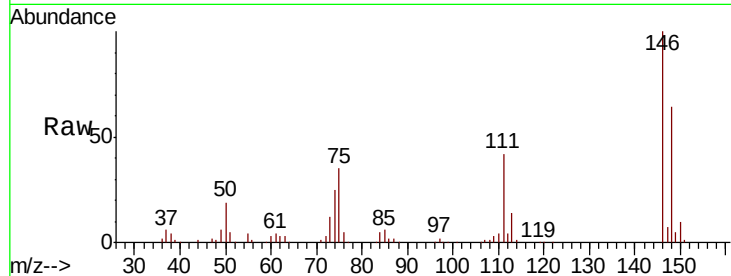




#62
 1,3-Dichlorobenzene
 Concen: 5.025 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

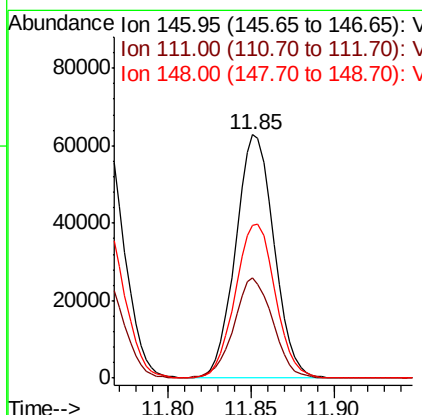
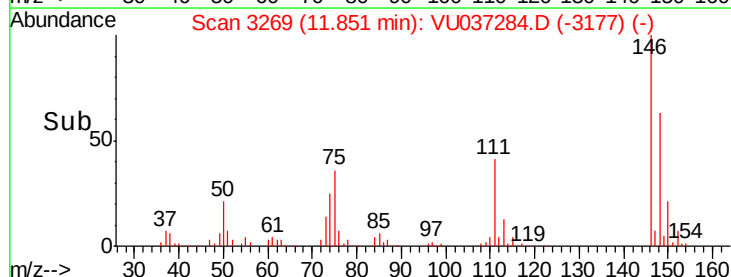
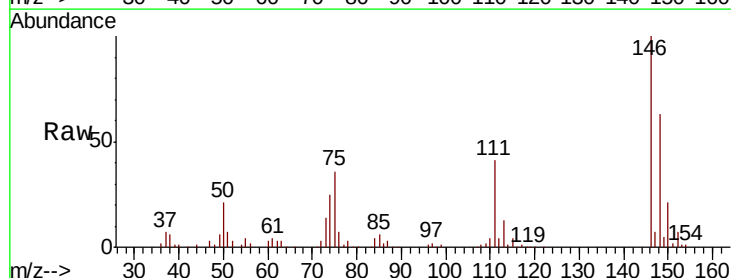
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

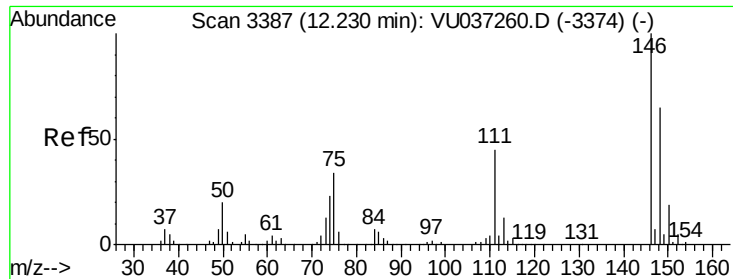
Tot Ion:146 Resp: 105145
 Ion Ratio Lower Upper
 146 100
 111 41.9 30.6 56.8
 148 64.2 46.2 85.8



#63
 1,4-Dichlorobenzene
 Concen: 4.885 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion:146 Resp: 101501
 Ion Ratio Lower Upper
 146 100
 111 41.0 28.4 52.8
 148 62.9 44.9 83.5

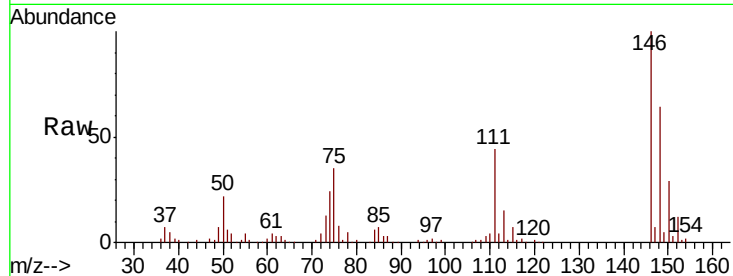




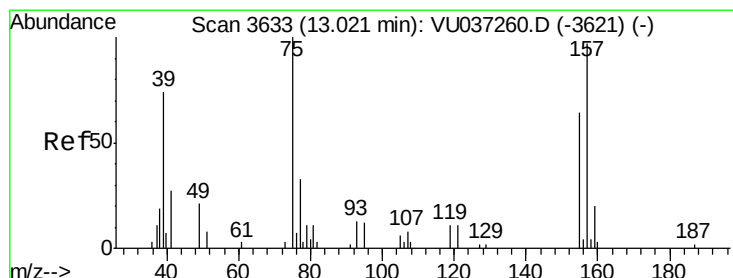
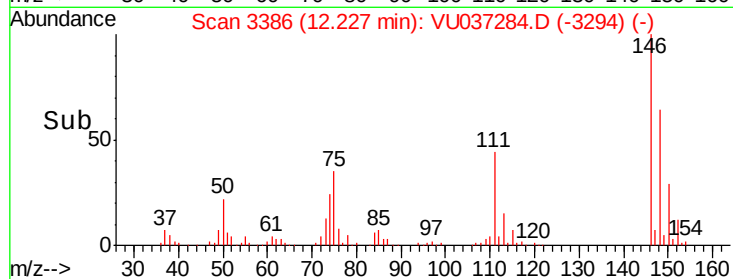
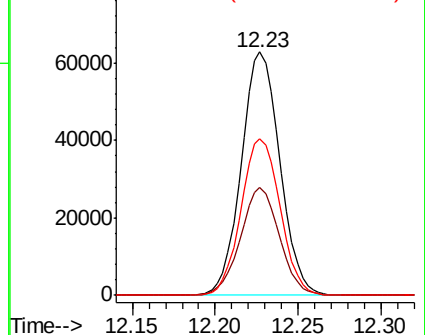
#65
 1,2-Dichlorobenzene
 Concen: 5.115 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Tot Ion:146 Resp: 101461
 Ion Ratio Lower Upper
 146 100
 111 44.1 35.5 53.3
 148 64.4 51.4 77.2

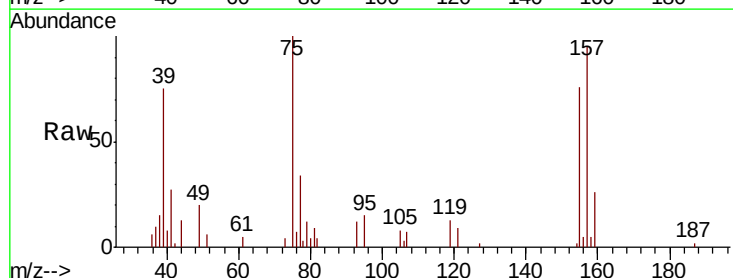


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

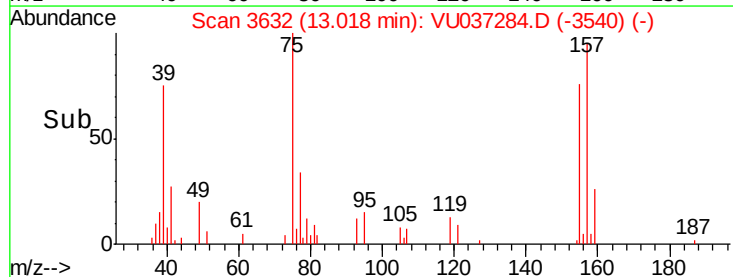
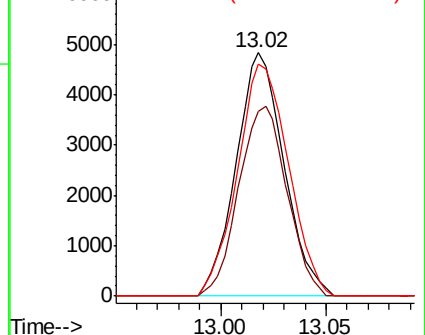


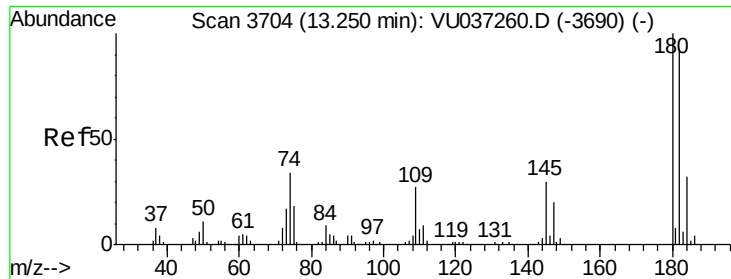
#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.018 ug/L
 RT: 13.02 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion: 75 Resp: 7642
 Ion Ratio Lower Upper
 75 100
 155 76.1 55.5 83.3
 157 95.4 73.1 109.7



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

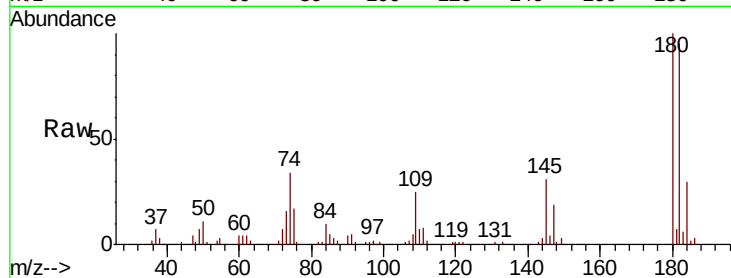




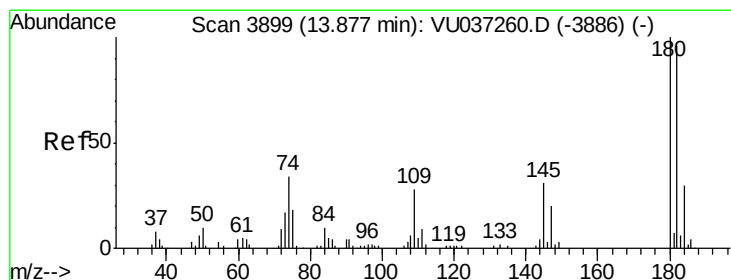
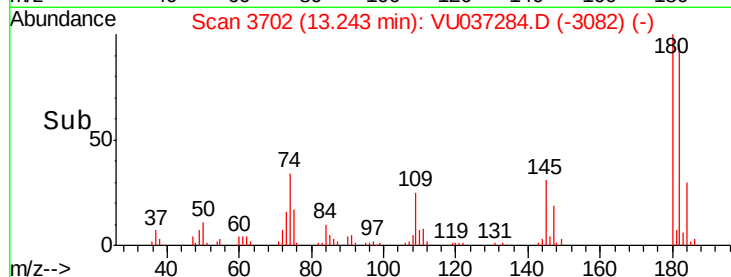
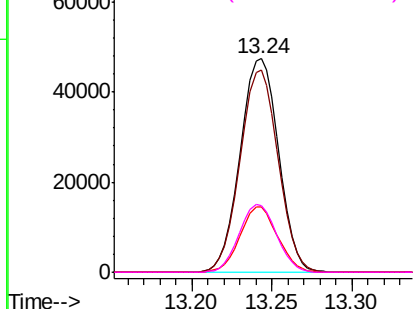
#67
 1,3,5-Trichlorobenzene
 Concen: 5.411 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Tot Ion:180 Resp: 77498
 Ion Ratio Lower Upper
 180 100
 182 93.7 73.6 110.4
 184 29.9 24.1 36.1
 145 30.9 26.3 39.5

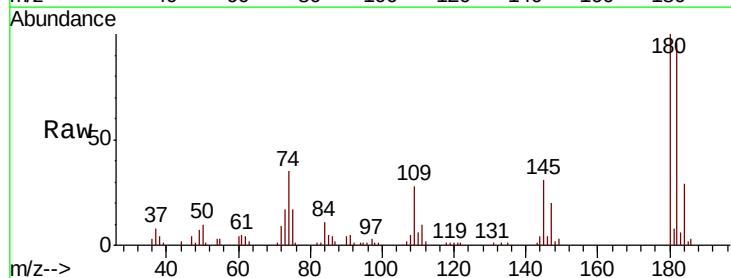


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

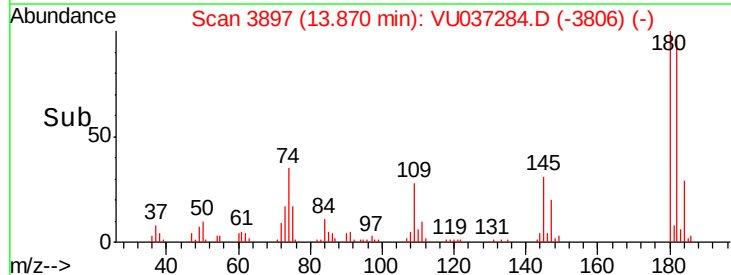
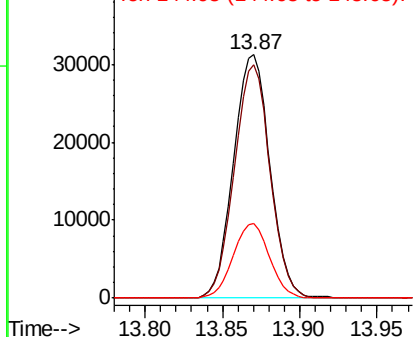


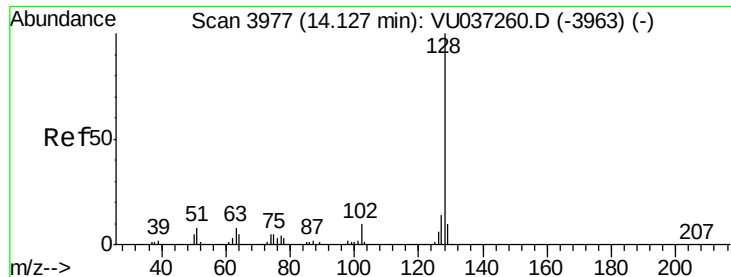
#68
 1,2,4-trichlorobenzene
 Concen: 5.256 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. -0.01 min
 Lab File: VU037284.D
 Acq: 15 Mar 2020 00:00

Tgt Ion:180 Resp: 51050
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.7 115.1
 145 30.5 26.6 39.8



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.801 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD00511

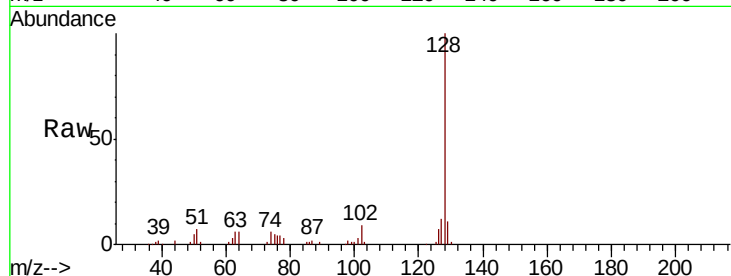
Tot Ion:128 Resp: 66604

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

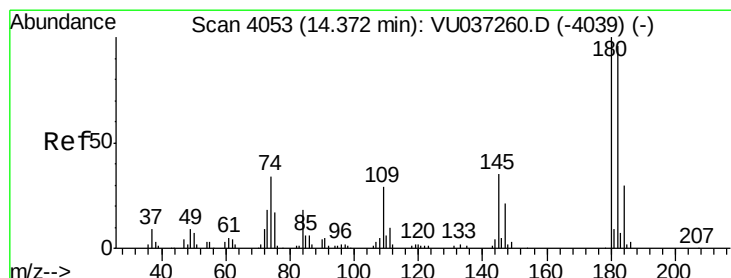
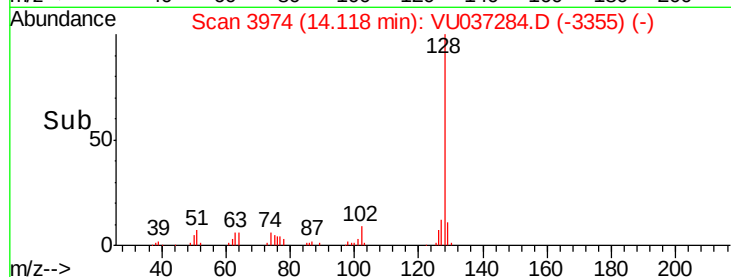
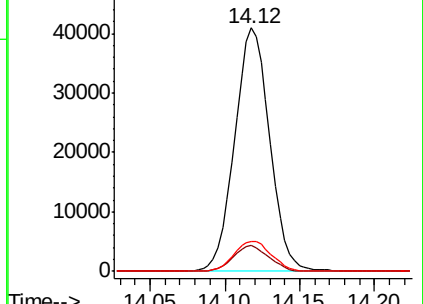
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.535 ug/L

RT: 14.36 min Scan# 4050

Delta R.T. -0.01 min

Lab File: VU037284.D

Acq: 15 Mar 2020 00:00

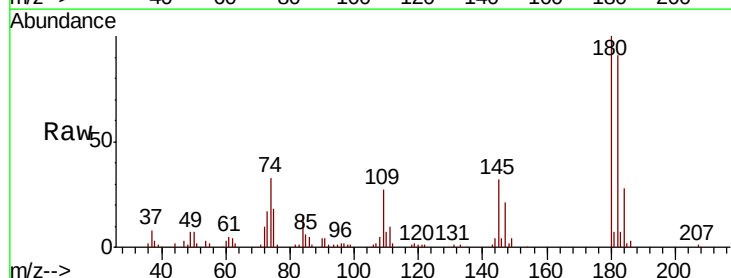
Tgt Ion:180 Resp: 50445

Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.6

145 33.1 28.2 42.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

