

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041241.D
 Acq On : 16 Nov 2020 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

Quant Time: Nov 16 12:17:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80363	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25486	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	22397	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	54024	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.65	46	117499	48.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	5.08	84	56543	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.71	65	35505	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.74	84	101158	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	38358	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.90	98	100869	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.18	79	15580	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.64	63	81286	51.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30880	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36822	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	29258	4.411	ug/L	99
3) Chloromethane	1.53	50	31688	4.436	ug/L	100
5) Vinyl chloride	1.61	62	30751	4.408	ug/L	97
6) Bromomethane	1.87	94	17964	4.341	ug/L	99
8) Chloroethane	1.94	64	19966	4.312	ug/L	95
9) Trichlorofluoromethane	2.15	101	46994	4.325	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	25743	4.349	ug/L	94
12) 1,1-Dichloroethene	2.59	96	23011	4.399	ug/L	93
13) Acetone	2.66	43	67607	41.813	ug/L #	54
14) Carbon disulfide	2.81	76	66324	4.308	ug/L	98
15) Methyl Acetate	2.97	43	15457	4.602	ug/L	97
16) Methylene chloride	3.06	84	27606	4.209	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	64518	4.505	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	22784	4.472	ug/L	96
19) 1,1-Dichloroethane	3.89	63	50960	4.474	ug/L	98
21) 2-Butanone	4.73	43	109211	44.488	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	27901	4.849	ug/L	99

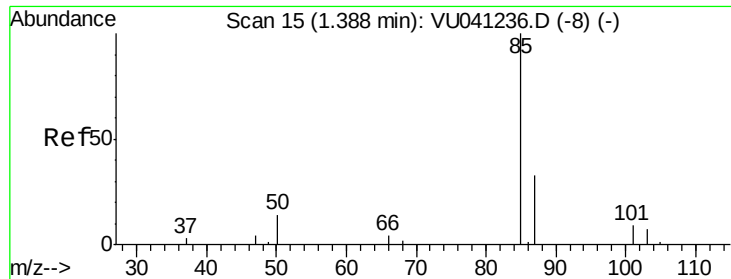
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	12791	4.483	ug/L	96
25) Chloroform	5.10	83	52714	4.267	ug/L	100
27) 1,2-Dichloroethane	5.81	62	38683	4.356	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	45431	5.070	ug/L	96
30) Cyclohexane	5.40	56	36698	4.957	ug/L	97
31) Carbon tetrachloride	5.54	117	39671	5.106	ug/L	99
33) Benzene	5.79	78	102194	5.144	ug/L	100
34) Trichloroethene	6.55	95	29405	5.477	ug/L	99
35) Methylcyclohexane	6.77	83	40175	5.632	ug/L	99
37) 1,2-Dichloropropane	6.80	63	32393	5.579	ug/L #	97
38) Bromodichloromethane	7.11	83	40426	5.326	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	41721	5.151	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	253279	52.707	ug/L	99
42) Toluene	7.97	91	114825	5.409	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	40176	5.244	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	23147	5.154	ug/L	94
47) Tetrachloroethene	8.56	164	20245	5.103	ug/L	99
48) 2-Hexanone	8.69	43	183718	51.215	ug/L	99
49) Dibromochloromethane	8.81	129	27137	5.099	ug/L	97
50) 1,2-Dibromoethane	8.93	107	20391	4.894	ug/L	99
51) Chlorobenzene	9.45	112	69668	4.954	ug/L	99
52) Ethylbenzene	9.57	91	113109	4.989	ug/L	99
53) m,p-Xylene	9.69	106	43005	5.249	ug/L	99
54) o-Xylene	10.10	106	40314	5.108	ug/L	97
55) Styrene	10.11	104	72274	5.171	ug/L	99
56) Isopropylbenzene	10.48	105	111310	5.324	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	27965	4.764	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	22996	5.022	ug/L	99
61) Bromoform	10.29	173	16092	4.348	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	55913	4.597	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	58943	4.703	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	53482	4.421	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	6016	5.357	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	41152	4.751	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	32499	4.517	ug/L	96
69) Naphthalene	14.08	128	54576	4.685	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	30377	4.546	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.411 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

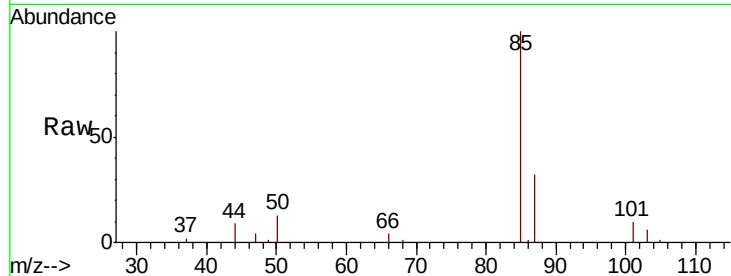
VICV07

Tot Ion: 85 Resp: 29258

Ion Ratio Lower Upper

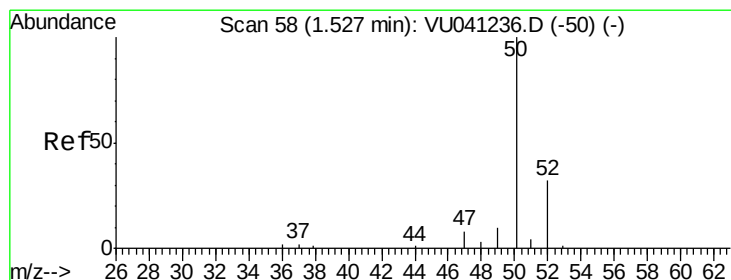
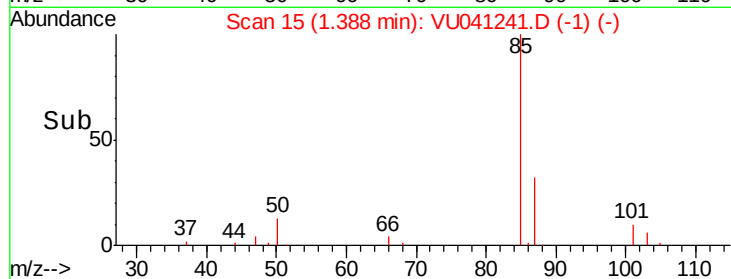
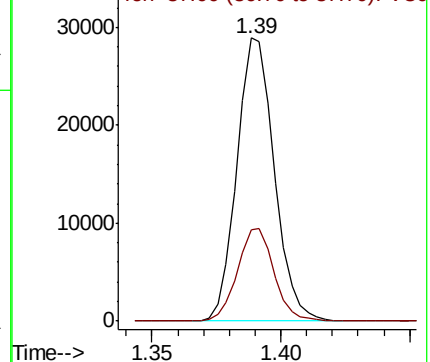
85 100

87 31.8 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 4.436 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041241.D

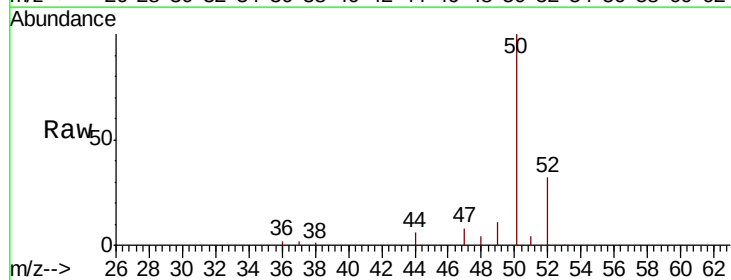
Acq: 16 Nov 2020 12:00

Tgt Ion: 50 Resp: 31688

Ion Ratio Lower Upper

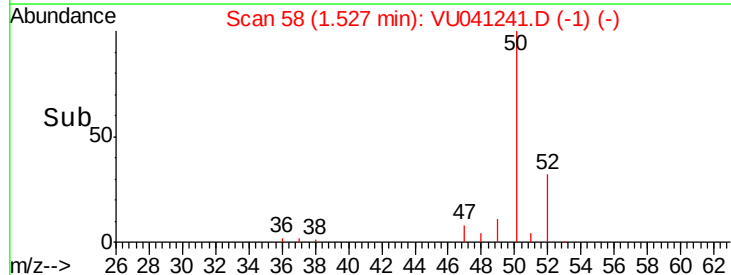
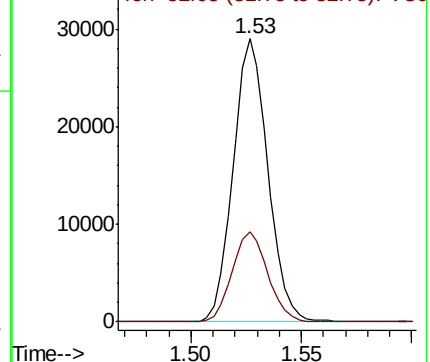
50 100

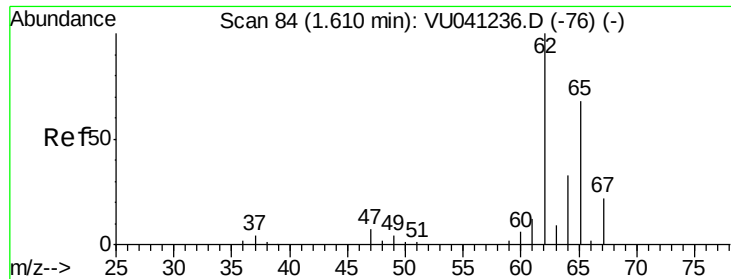
52 31.8 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 4.408 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

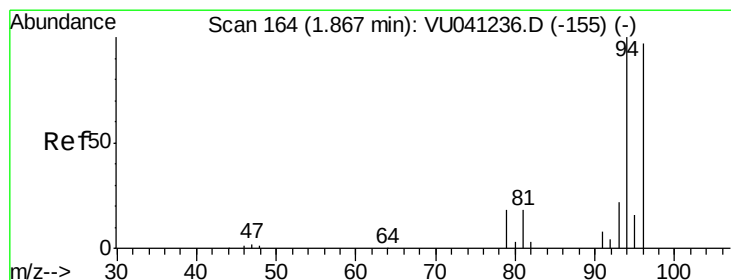
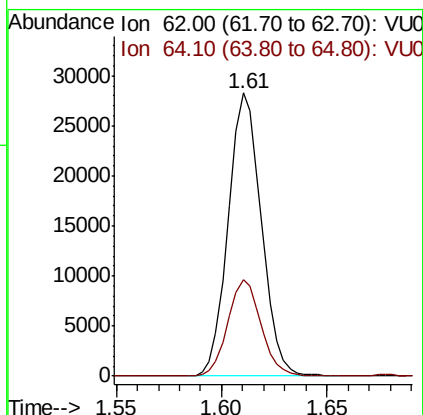
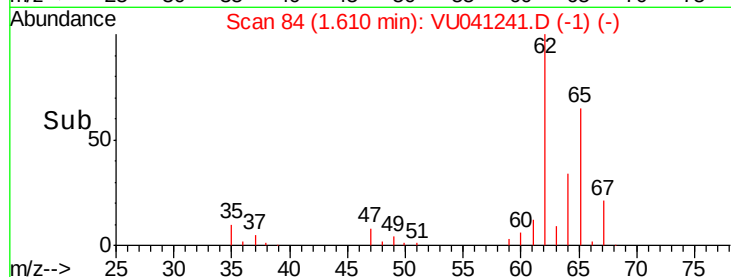
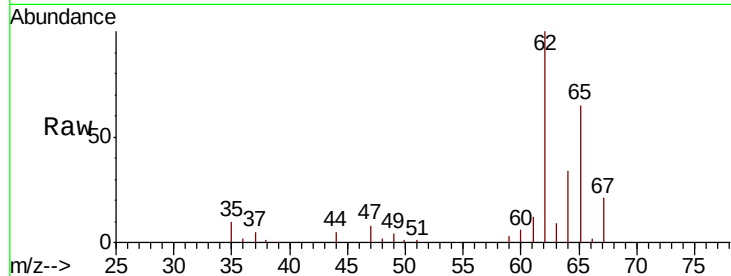
VICV07

Tot Ion: 62 Resp: 30751

Ion Ratio Lower Upper

62 100

64 34.1 22.7 42.3



#6

Bromomethane

Concen: 4.341 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU041241.D

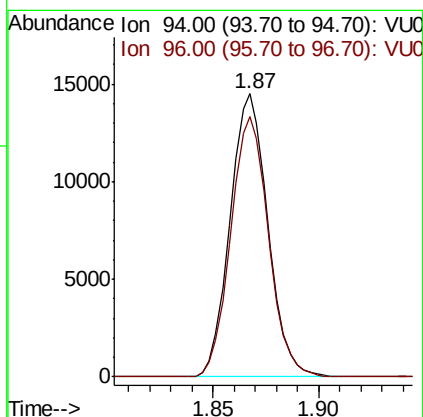
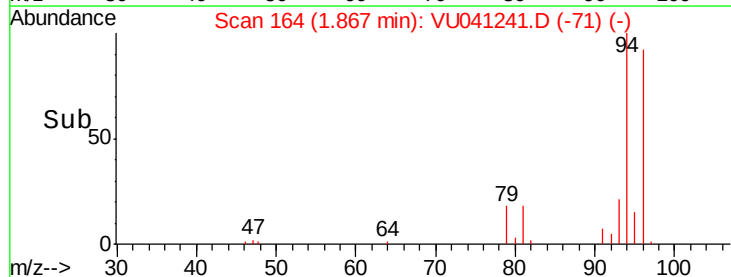
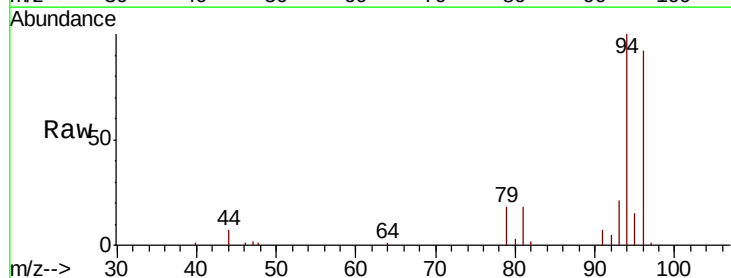
Acq: 16 Nov 2020 12:00

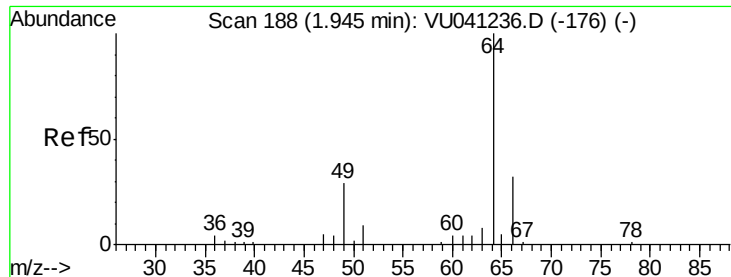
Tgt Ion: 94 Resp: 17964

Ion Ratio Lower Upper

94 100

96 92.1 63.5 117.9

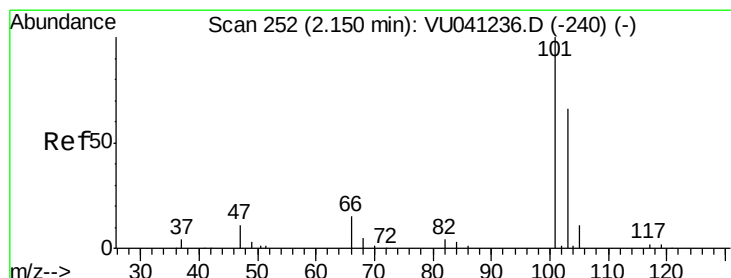
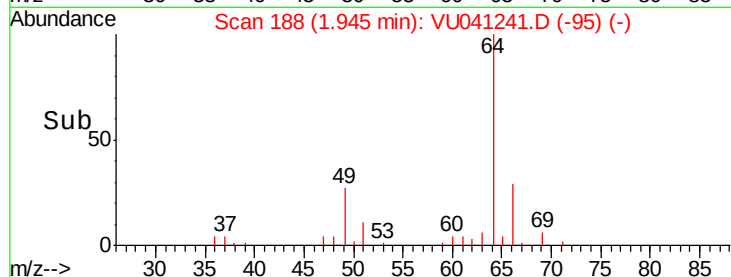
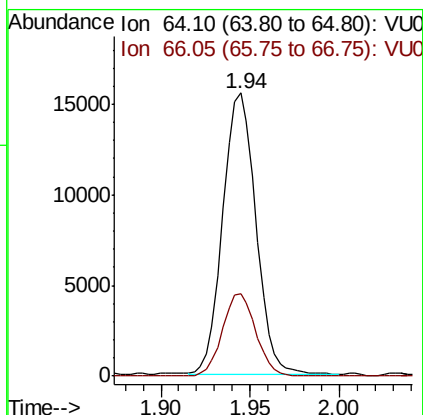
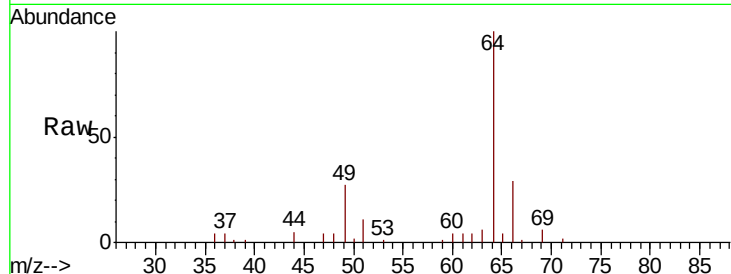




#8
Chloroethane
Concen: 4.312 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

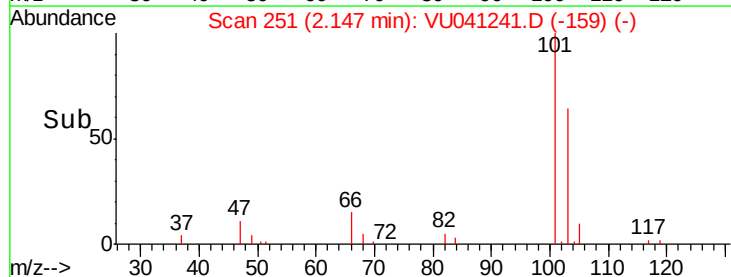
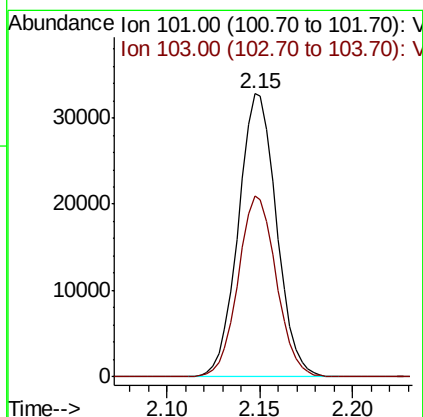
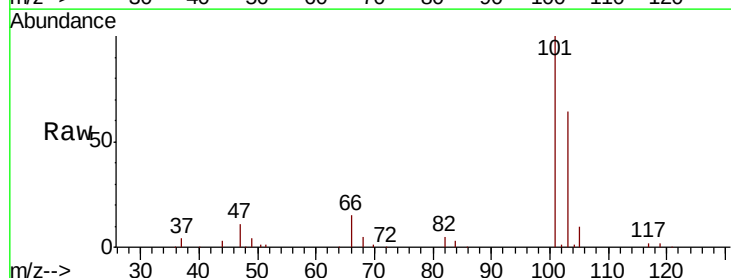
Instrument :
MSVOA_U
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VICV07

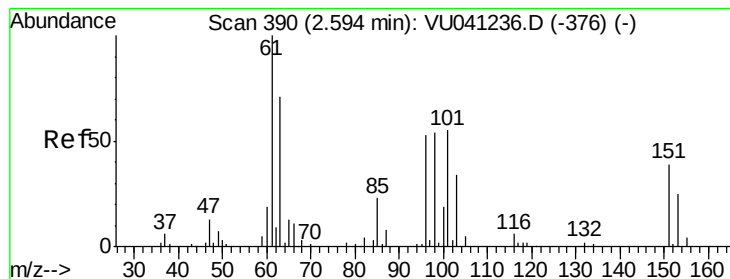
Tot Ion: 64 Resp: 19966
Ion Ratio Lower Upper
64 100
66 29.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.325 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Tgt Ion: 101 Resp: 46994
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4





#10

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

Concen: 4.349 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VICV07

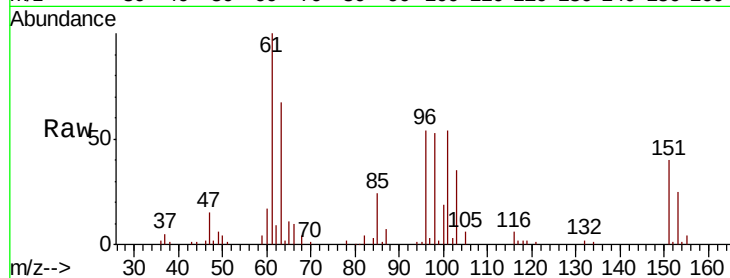
Tot Ion:101 Resp: 25743

Ion Ratio Lower Upper

101 100

85 46.6 35.0 52.4

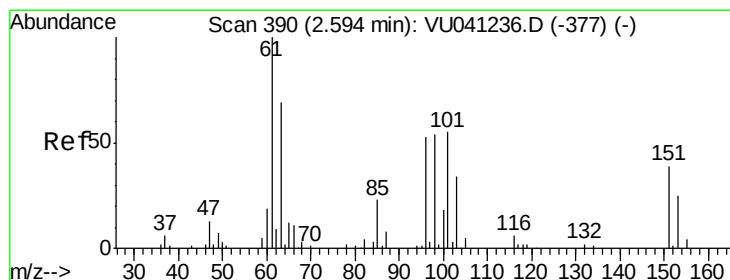
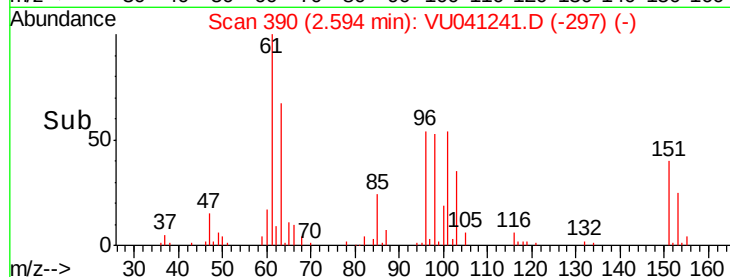
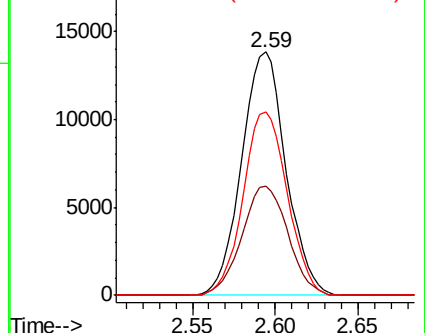
151 75.0 55.3 82.9



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: 4.399 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

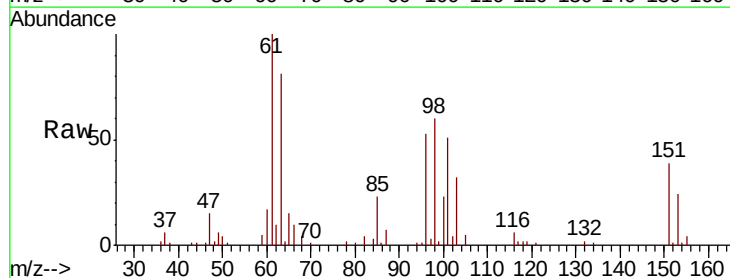
Tgt Ion: 96 Resp: 23011

Ion Ratio Lower Upper

96 100

61 190.4 134.3 249.5

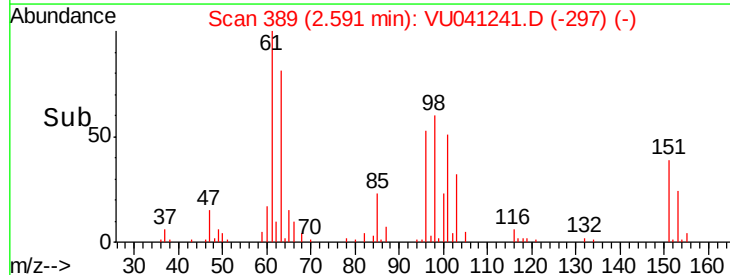
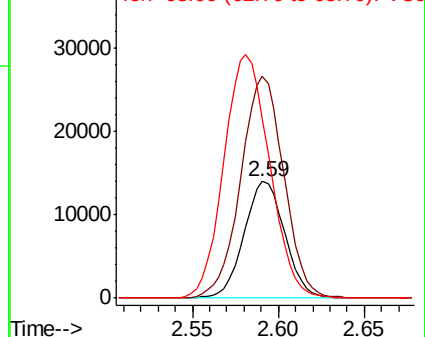
63 154.2 95.0 176.4

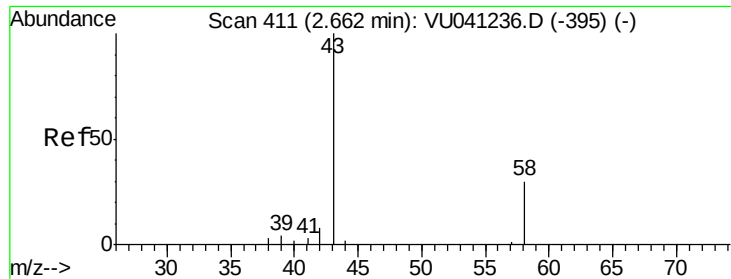


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 41.813 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

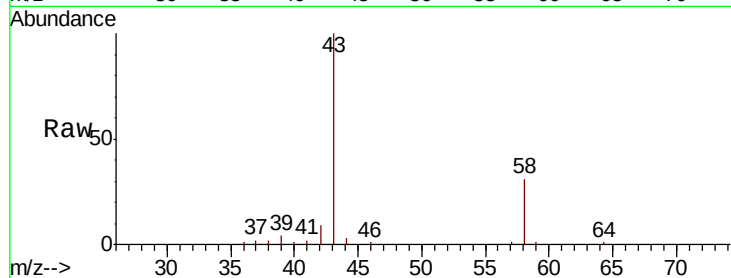
VICV07

Tot Ion: 43 Resp: 67607

Ion Ratio Lower Upper

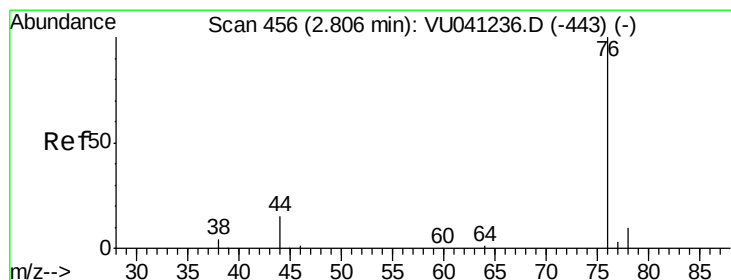
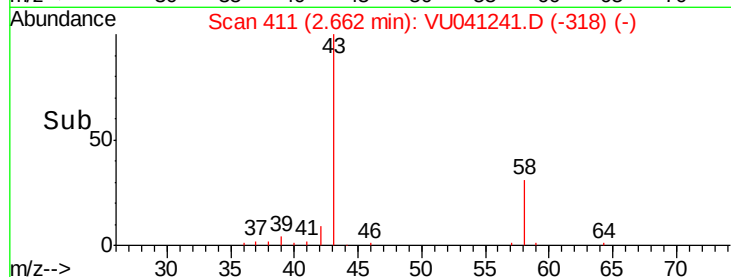
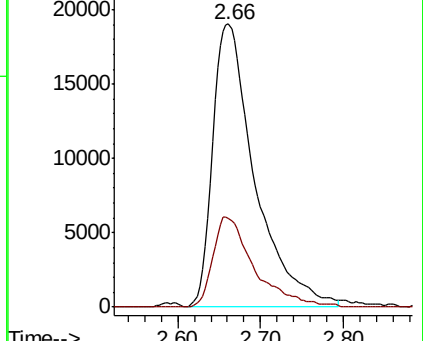
43 100

58 30.9 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 4.308 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041241.D

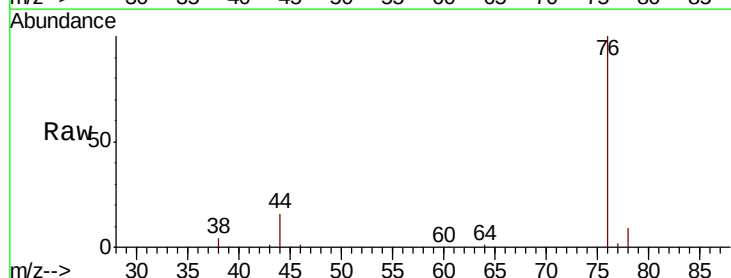
Acq: 16 Nov 2020 12:00

Tgt Ion: 76 Resp: 66324

Ion Ratio Lower Upper

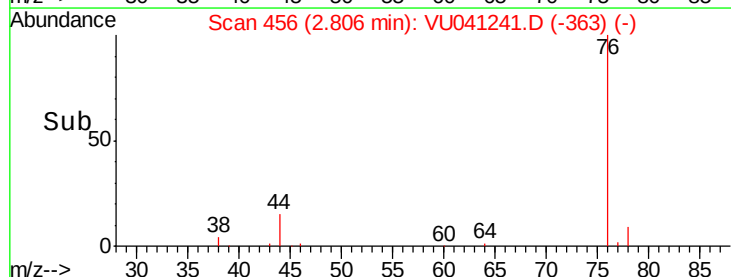
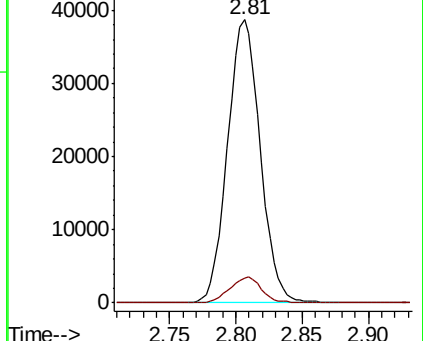
76 100

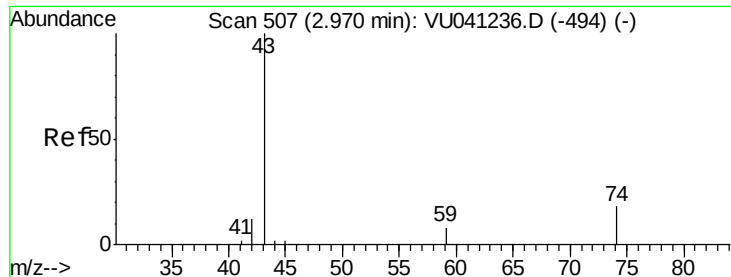
78 8.8 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

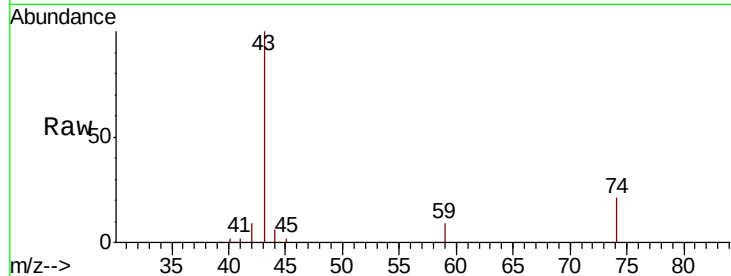




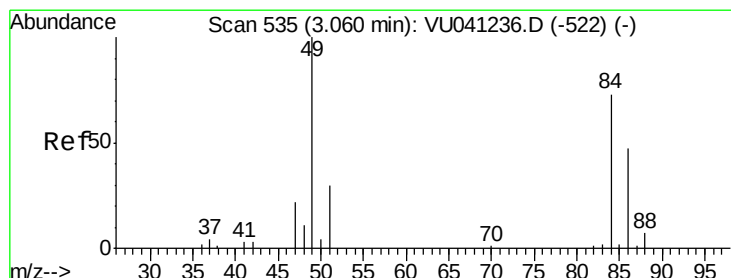
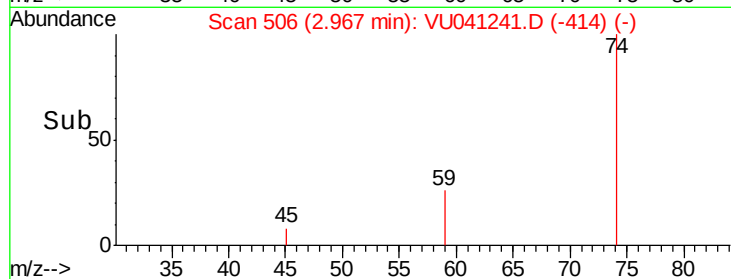
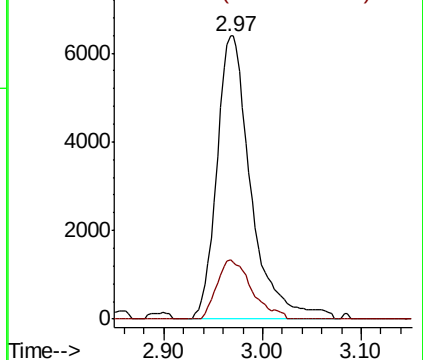
#15
Methvl Acetate
Concen: 4.602 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VICV07

Tot Ion: 43 Resp: 15457
Ion Ratio Lower Upper
43 100
74 21.4 18.3 27.5

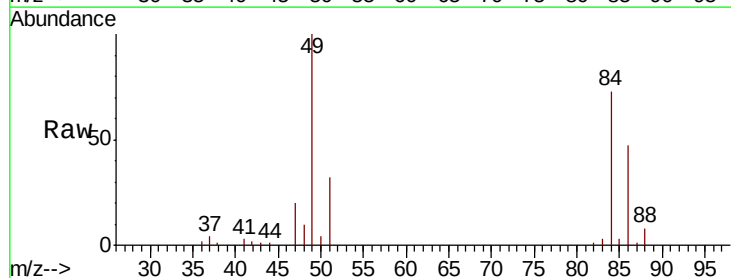


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

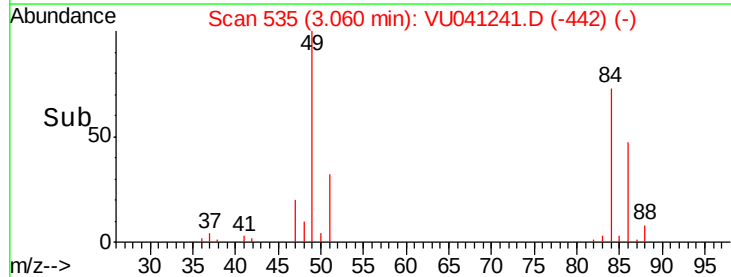
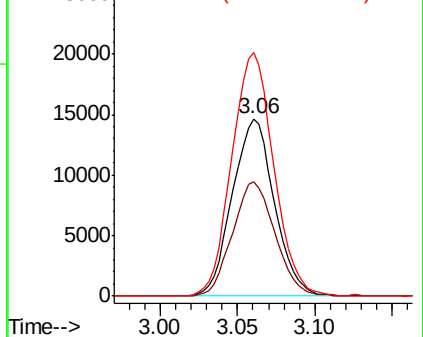


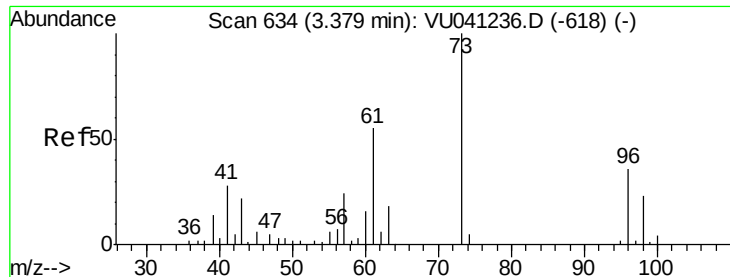
#16
Methylene chloride
Concen: 4.209 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Tgt Ion: 84 Resp: 27606
Ion Ratio Lower Upper
84 100
86 64.1 42.8 79.6
49 137.1 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

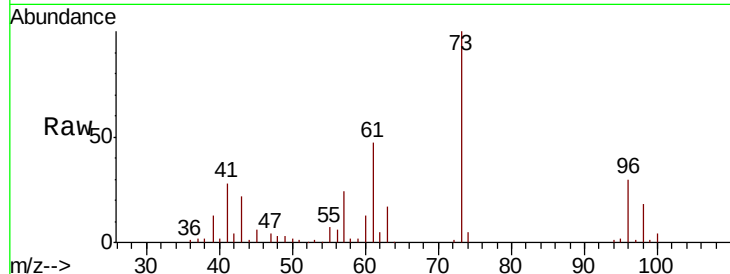




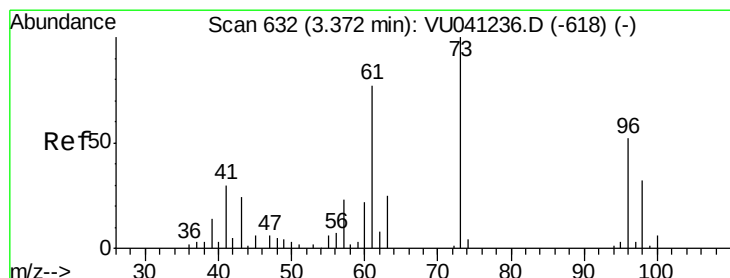
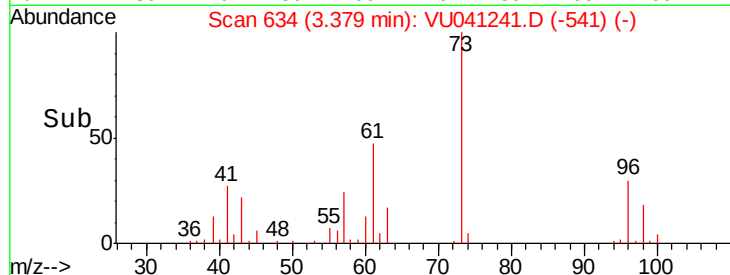
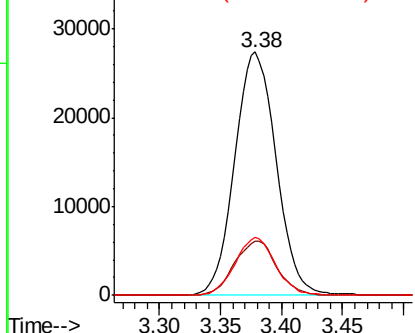
#17
Methyl tert-butyl Ether
Concen: 4.505 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Instrument :
MSVOA_U
ClientSampled :
VICV07

Tot Ion: 73 Resp: 64518
Ion Ratio Lower Upper
73 100
43 22.7 18.5 27.7
57 22.9 18.4 27.6

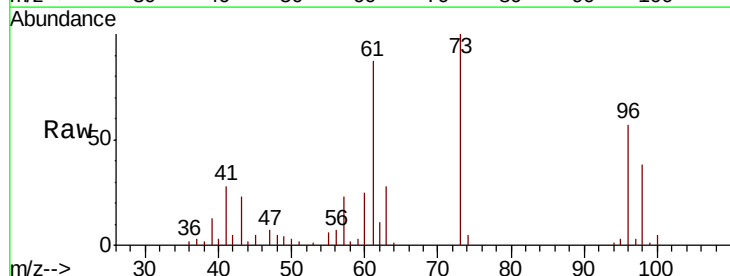


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

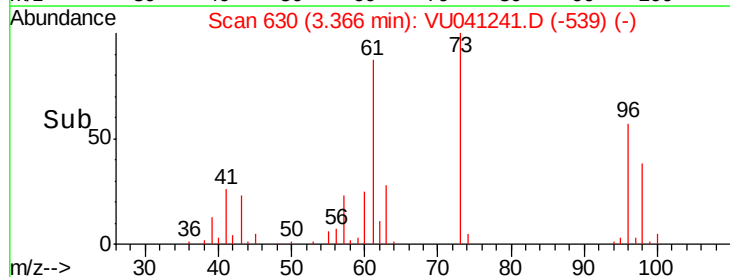
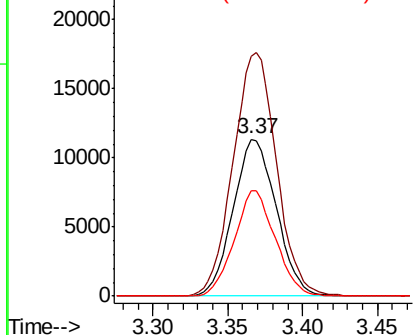


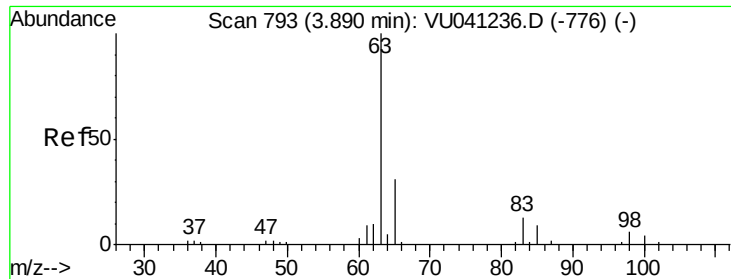
#18
trans-1,2-Dichloroethene
Concen: 4.472 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.01 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Tgt Ion: 96 Resp: 22784
Ion Ratio Lower Upper
96 100
61 152.5 110.9 205.9
98 67.2 45.4 84.2



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

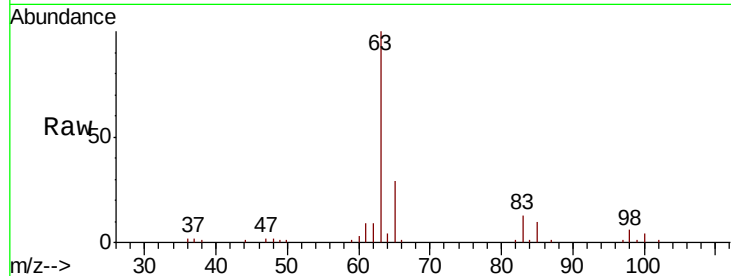




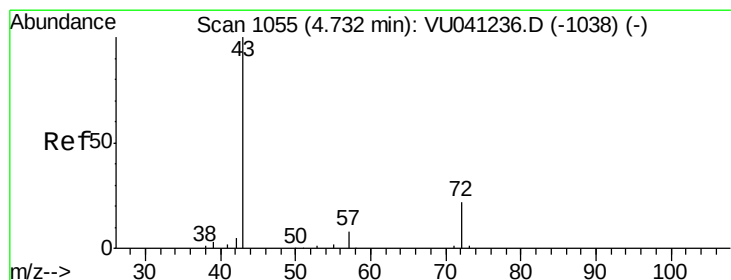
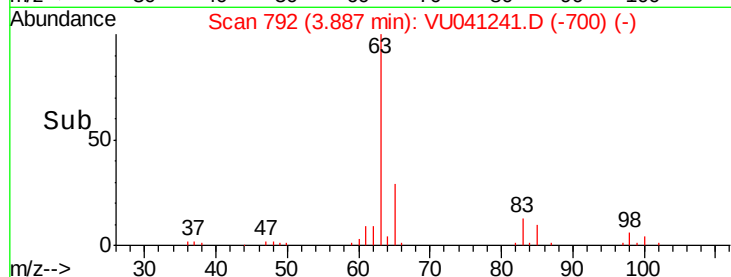
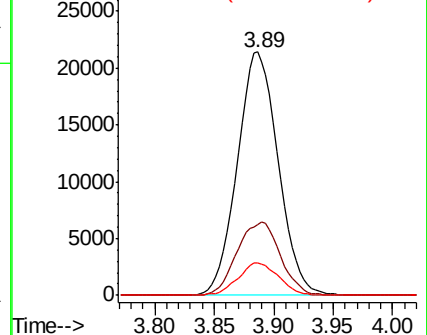
#19
 1,1-Dichloroethane
 Concen: 4.474 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Instrument :
 MSVOA_U
 ClientSampled :
 VICV07

Tot Ion: 63 Resp: 50960
 Ion Ratio Lower Upper
 63 100
 65 29.3 21.3 39.6
 83 13.5 8.8 16.3

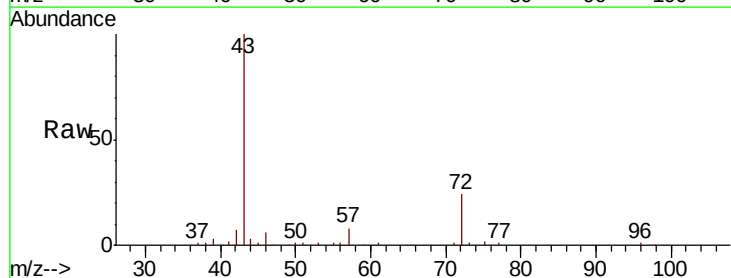


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

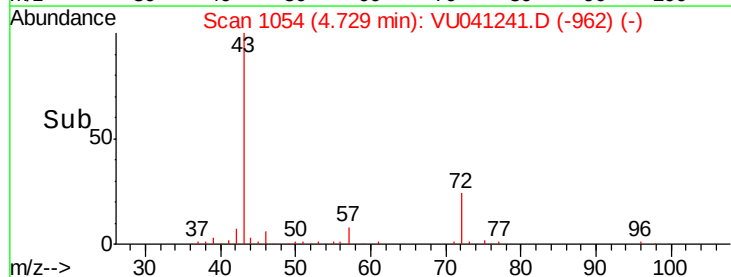
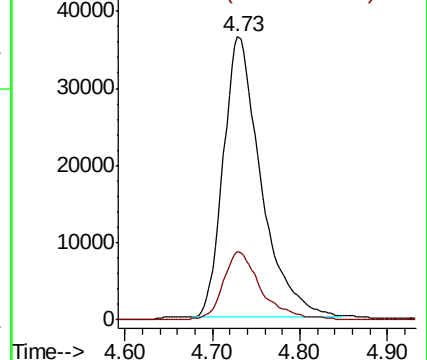


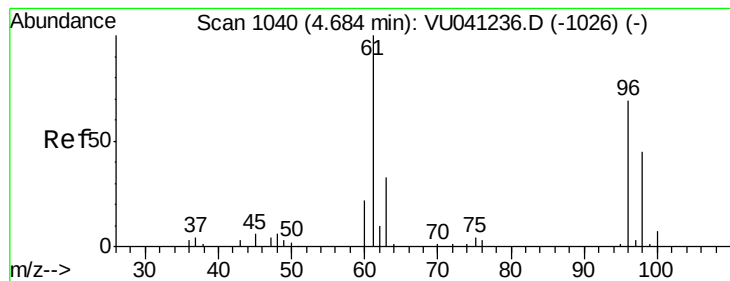
#21
 2-Butanone
 Concen: 44.488 ug/L
 RT: 4.73 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion: 43 Resp: 109211
 Ion Ratio Lower Upper
 43 100
 72 24.6 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 4.849 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VICV07

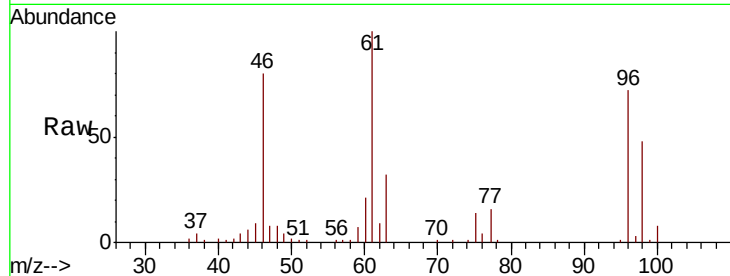
Tot Ion: 96 Resp: 27901

Ion Ratio Lower Upper

96 100

61 138.1 97.2 180.4

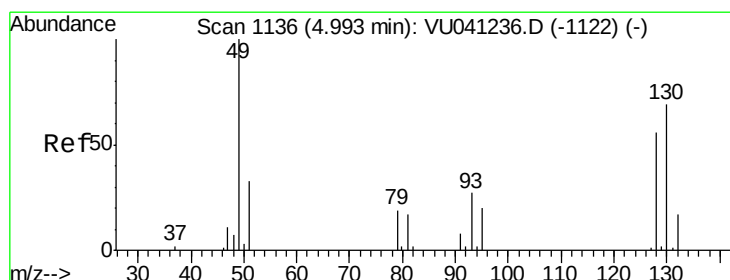
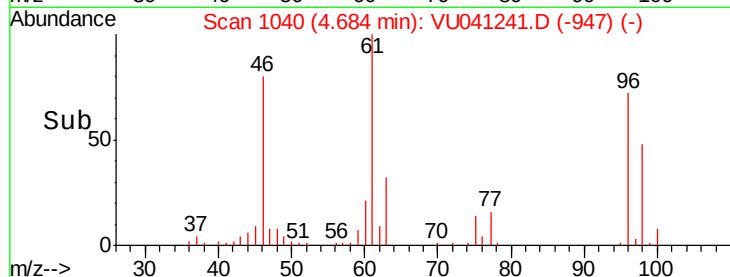
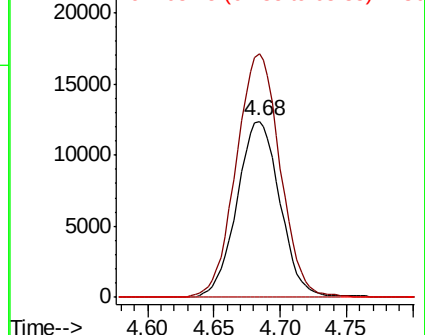
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041241.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041241.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041241.D (-947) (-)



#23

Bromochloromethane

Concen: 4.483 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Tgt Ion: 128 Resp: 12791

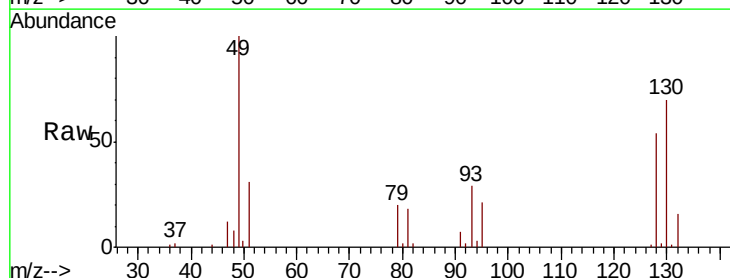
Ion Ratio Lower Upper

128 100

49 186.2 135.0 250.8

130 130.3 89.9 167.0

51 57.6 51.9 77.9

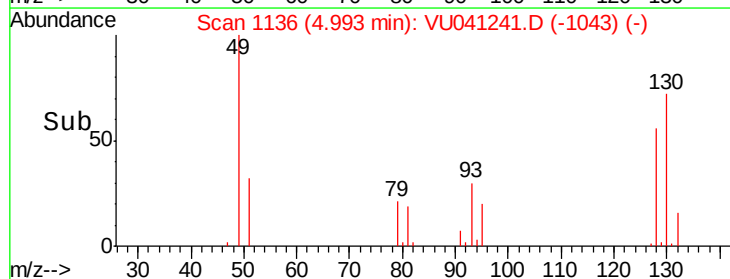
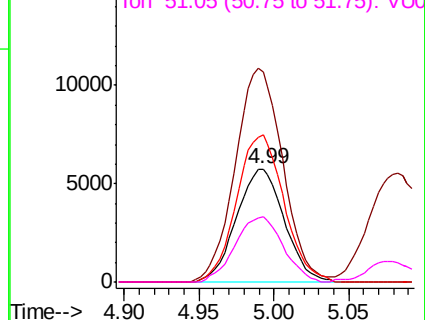


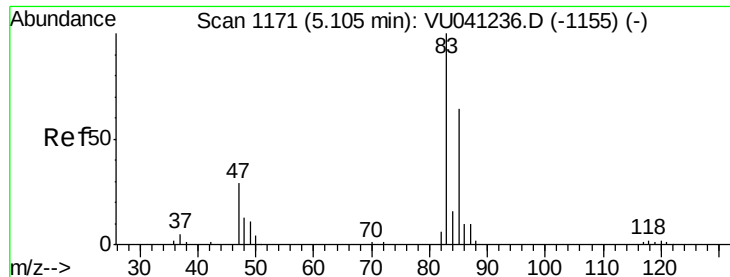
Abundance Ion 127.90 (127.60 to 128.60): VU041241.D (-1043) (-)

Ion 49.10 (48.80 to 49.80): VU041241.D (-1043) (-)

Ion 129.95 (129.65 to 130.65): VU041241.D (-1043) (-)

Ion 51.05 (50.75 to 51.75): VU041241.D (-1043) (-)

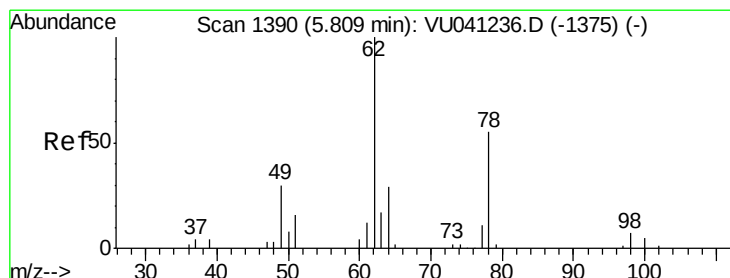
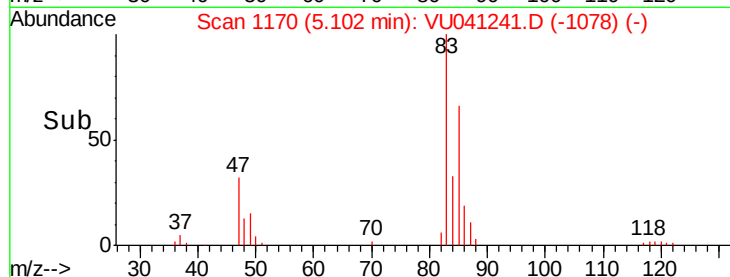
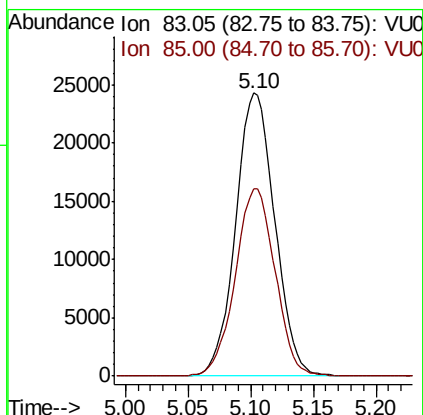
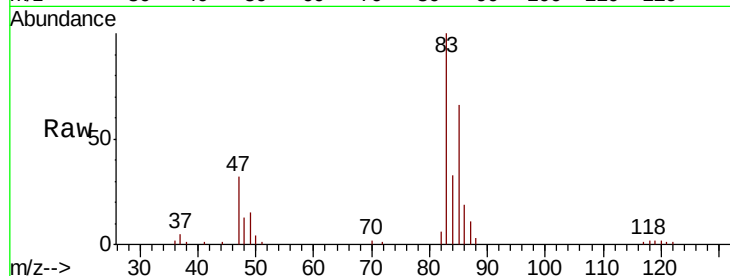




#25
Chloroform
Concen: 4.267 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

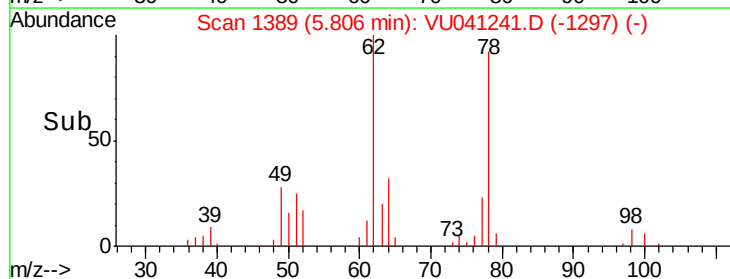
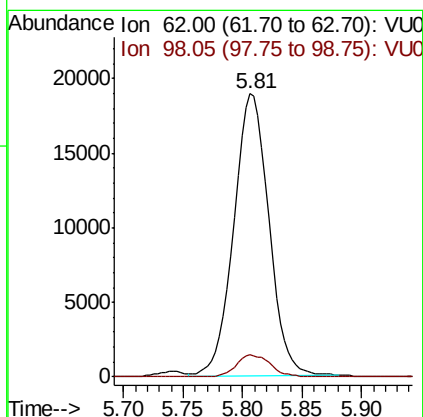
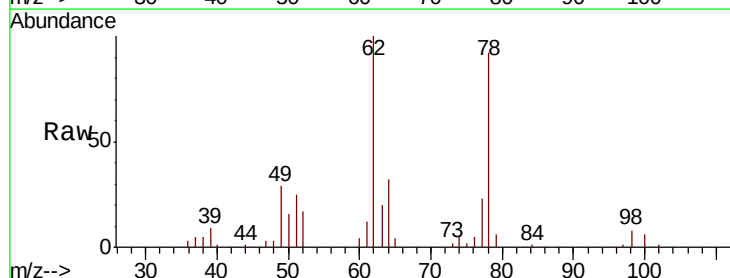
Instrument :
MSVOA_U
ClientSampled :
VICV07

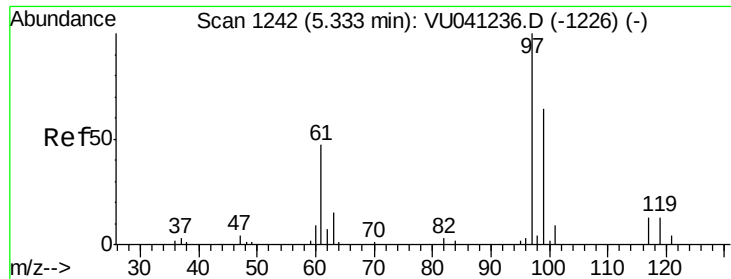
Tot Ion: 83 Resp: 52714
Ion Ratio Lower Upper
83 100
85 66.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 4.356 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Tgt Ion: 62 Resp: 38683
Ion Ratio Lower Upper
62 100
98 7.9 7.6 11.4

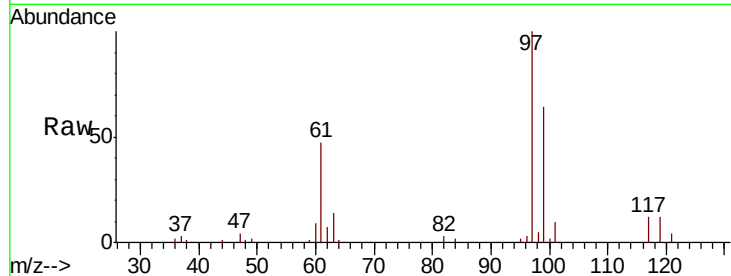




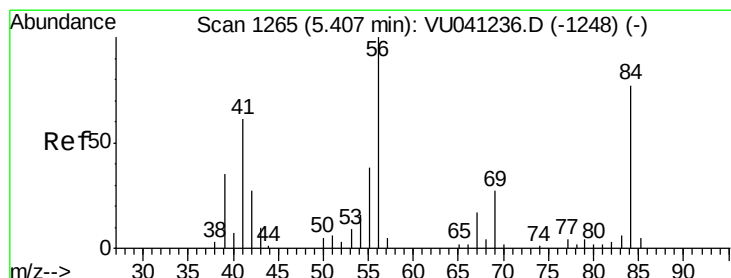
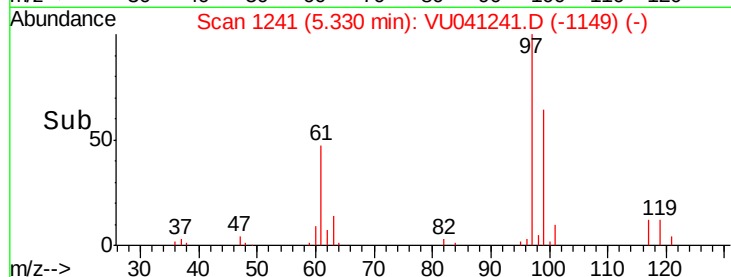
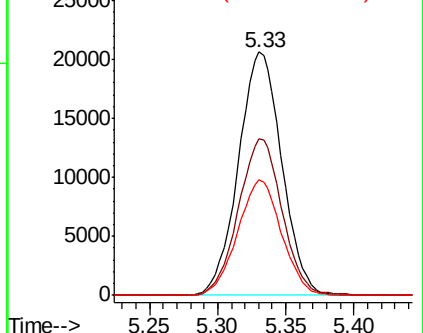
#29
 1,1,1-Trichloroethane
 Concen: 5.070 ug/L
 RT: 5.33 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleID :
 VICV07

Tot Ion: 97 Resp: 45431
 Ion Ratio Lower Upper
 97 100
 99 64.9 53.4 80.0
 61 47.9 41.6 62.4

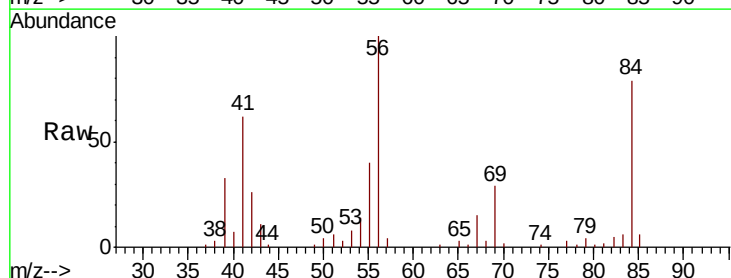


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

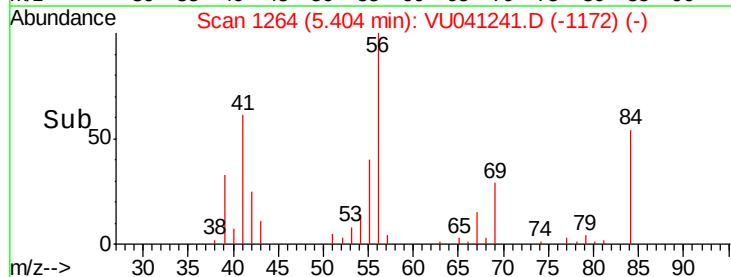
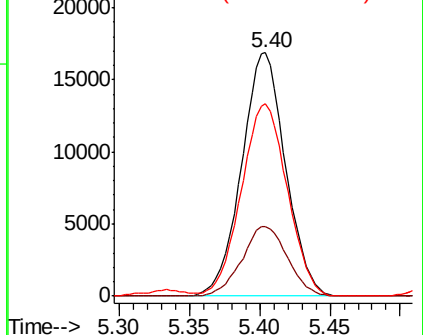


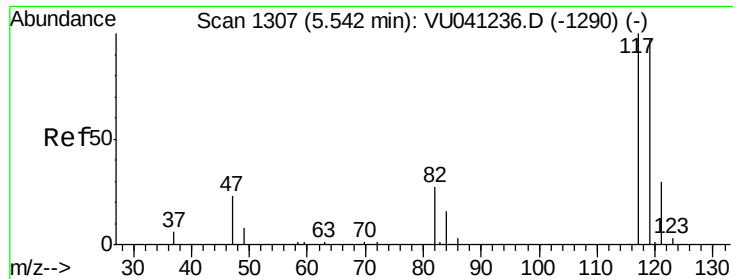
#30
 Cyclohexane
 Concen: 4.957 ug/L
 RT: 5.40 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion: 56 Resp: 36698
 Ion Ratio Lower Upper
 56 100
 69 29.6 22.8 34.2
 84 82.7 63.6 95.4



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: 5.106 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

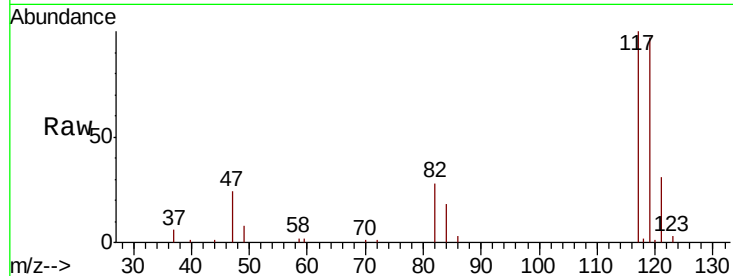
VICV07

Tot Ion:117 Resp: 39671

Ion Ratio Lower Upper

117 100

119 96.1 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

20000

15000

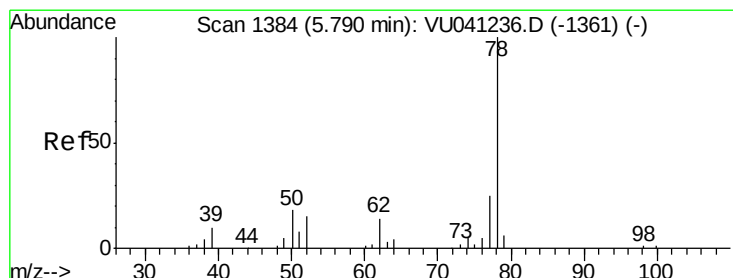
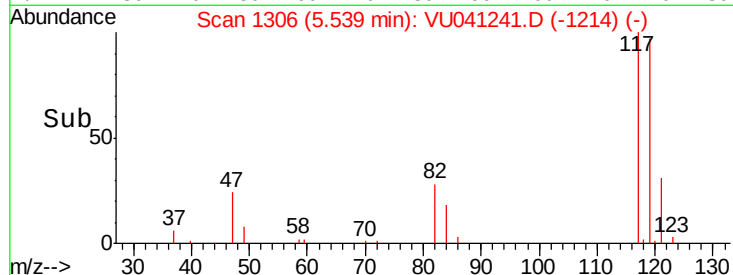
10000

5000

0

Time-->

5.45 5.50 5.55 5.60



#33

Benzene

Concen: 5.144 ug/L

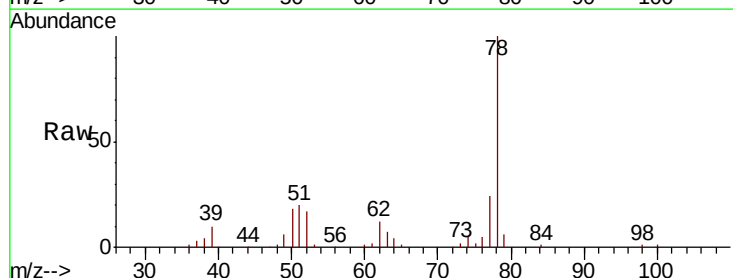
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Tgt Ion: 78 Resp: 102194



Abundance Ion 78.10 (77.80 to 78.80): VU0

60000

50000

40000

30000

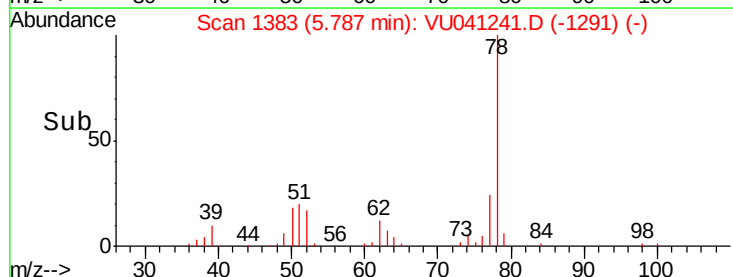
20000

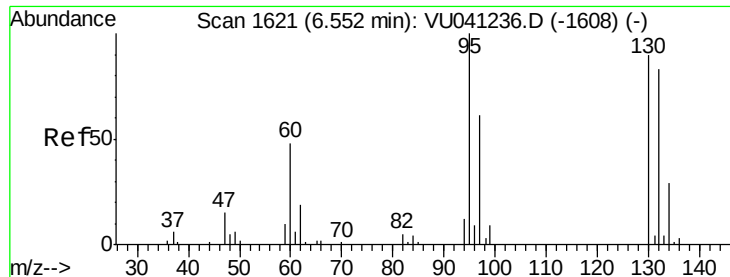
10000

0

Time-->

5.70 5.80 5.90

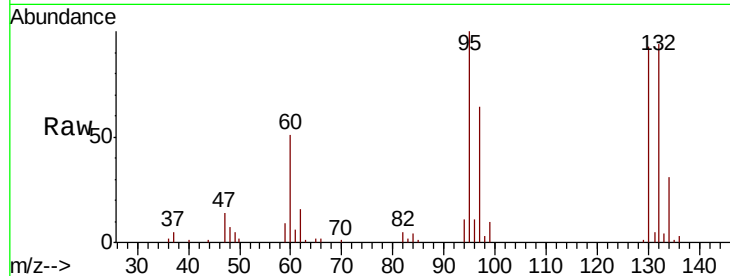




#34
 Trichloroethene
 Concen: 5.477 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleID :
 VICV07

Tot Ion:	95	Resp:	29405
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.6
132	94.2	64.8	120.4
130	93.5	64.8	120.4



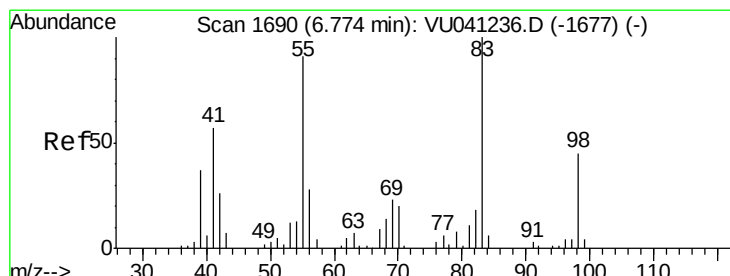
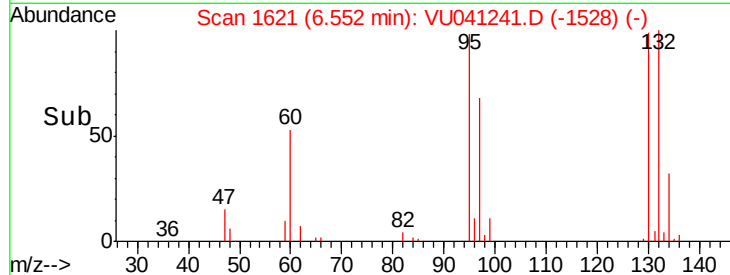
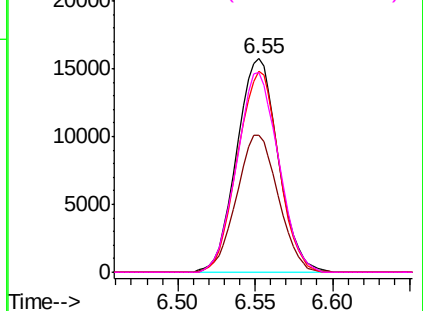
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

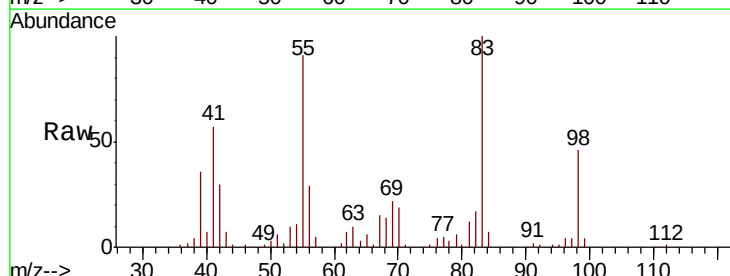
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35
 Methylcyclohexane
 Concen: 5.632 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion:	83	Resp:	40175
Ion	Ratio	Lower	Upper
83	100		
55	88.5	72.0	108.0
98	45.1	36.6	55.0

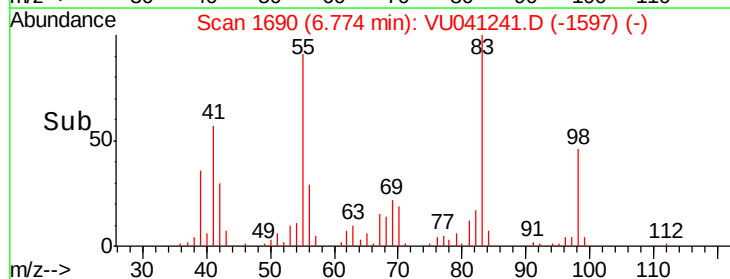
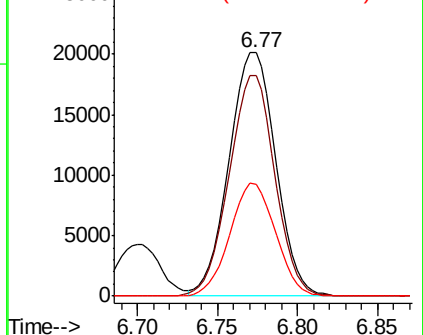


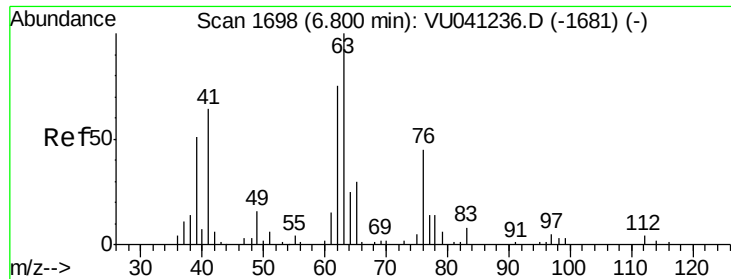
Abundance

Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

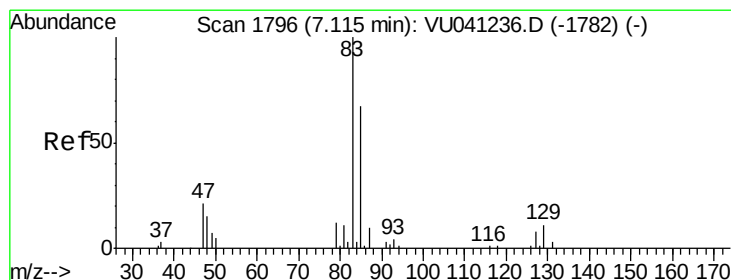
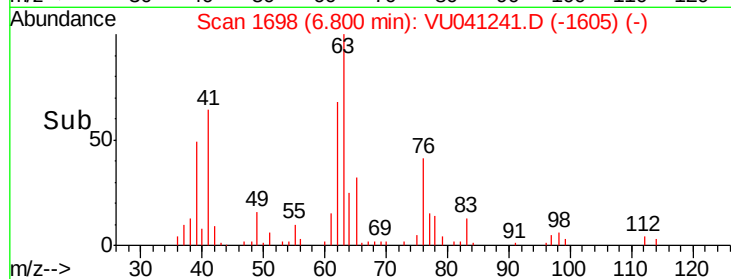
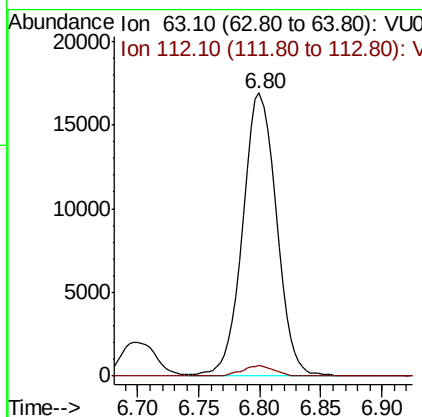
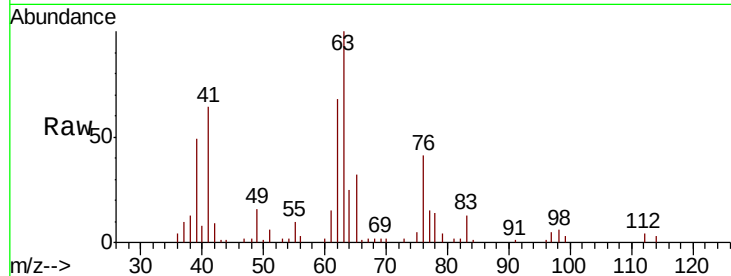




#37
 1,2-Dichloropropane
 Concen: 5.579 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

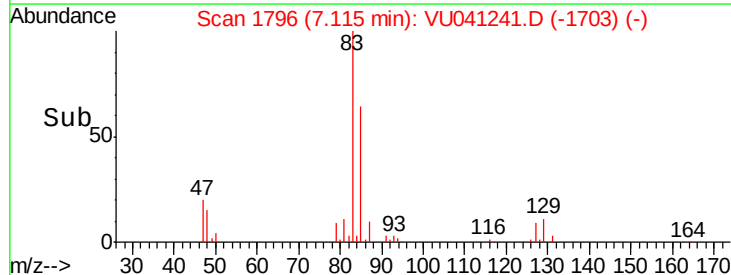
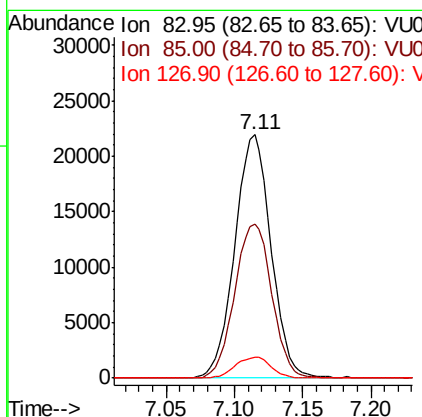
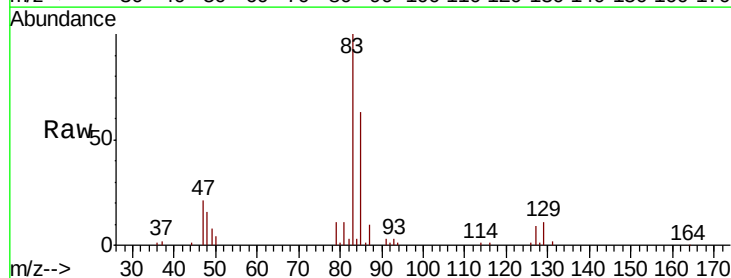
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

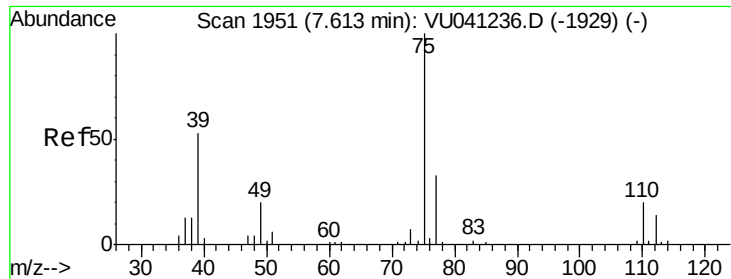
Tot Ion: 63 Resp: 32393
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 5.326 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion: 83 Resp: 40426
 Ion Ratio Lower Upper
 83 100
 85 63.2 43.3 80.3
 127 8.5 5.9 8.9

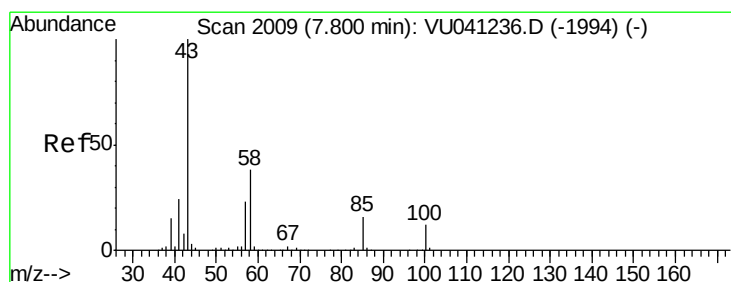
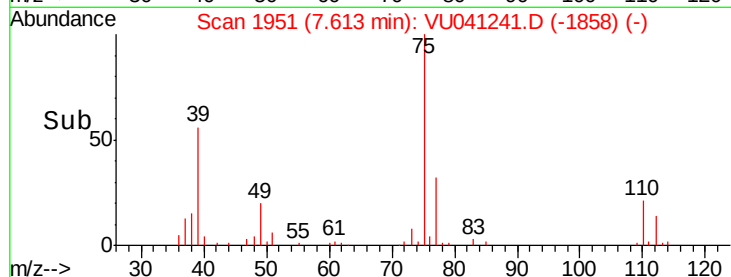
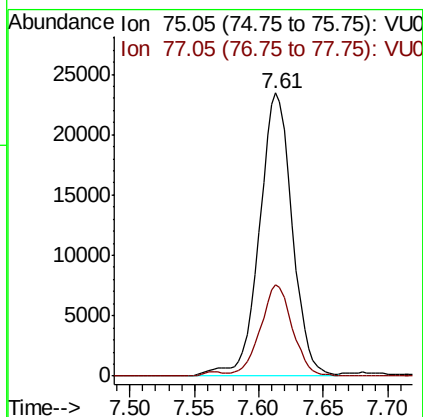
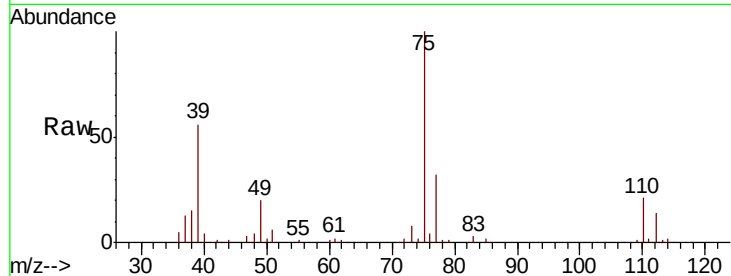




#39
 cis-1,3-Dichloropropene
 Concen: 5.151 ug/L
 RT: 7.61 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

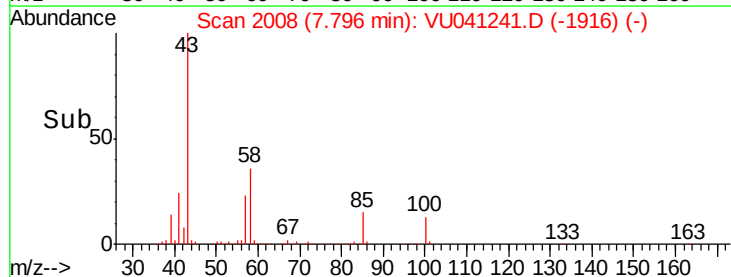
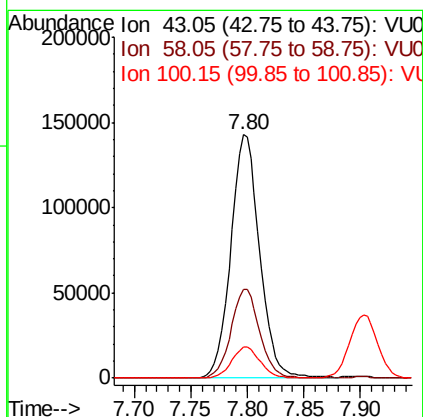
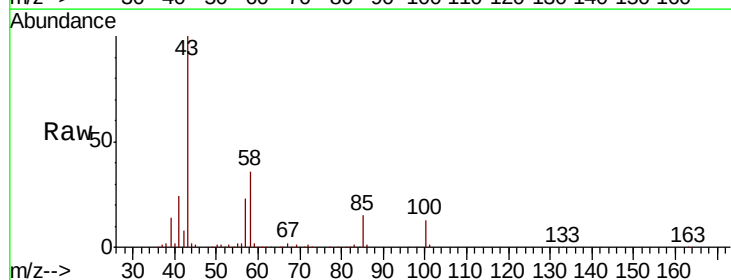
Instrument :
 MSVOA_U
 ClientSampled :
 VICV07

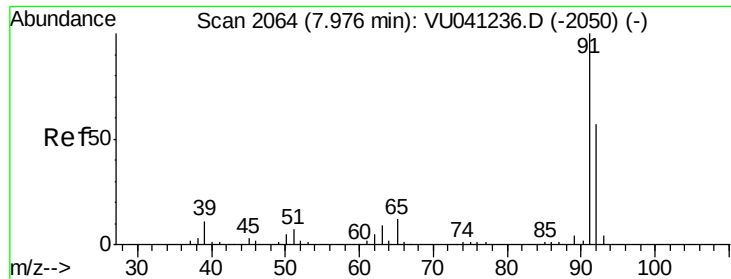
Tot Ion: 75 Resp: 41721
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 52.707 ug/L
 RT: 7.80 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion: 43 Resp: 253279
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.8 44.6
 100 12.6 10.5 15.7





#42

Toluene

Concen: 5.409 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

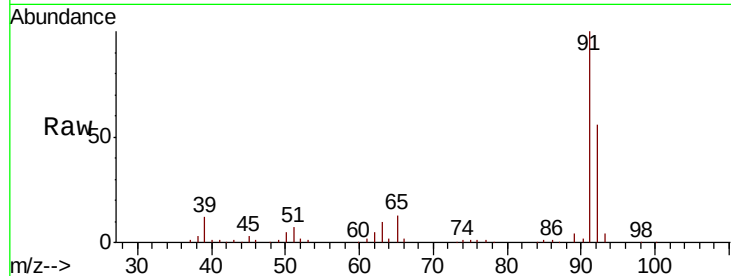
VICV07

Tot Ion: 91 Resp: 114825

Ion Ratio Lower Upper

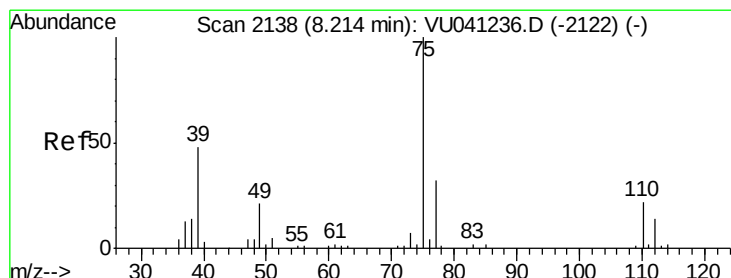
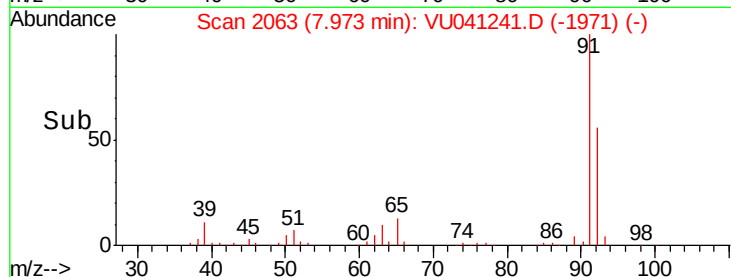
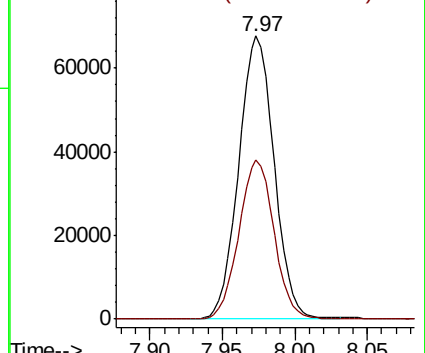
91 100

92 56.1 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 5.244 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU041241.D

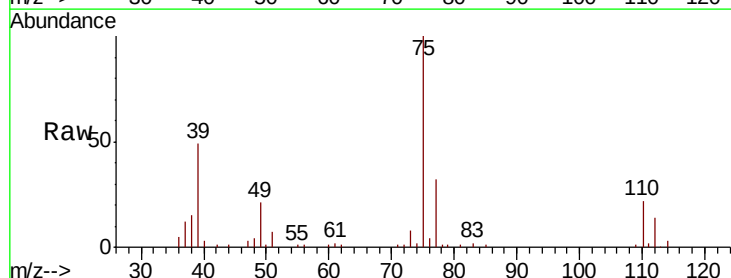
Acq: 16 Nov 2020 12:00

Tgt Ion: 75 Resp: 40176

Ion Ratio Lower Upper

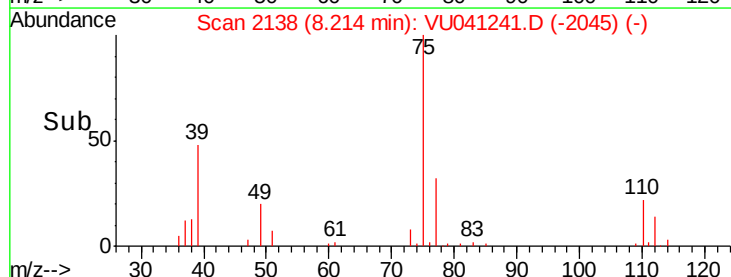
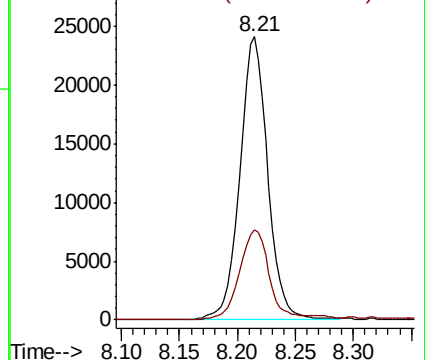
75 100

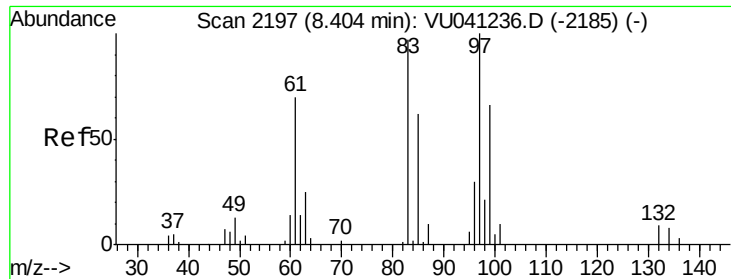
77 31.7 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

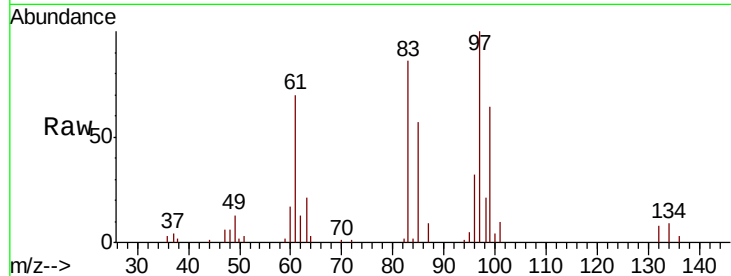




#45
 1,1,2-Trichloroethane
 Concen: 5.154 ug/L
 RT: 8.40 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

Tot Ion:	97	Resp:	23147
Ion	Ratio	Lower	Upper
97	100		
99	64.5	45.8	85.2
83	86.3	67.9	126.1
85	57.4	42.8	79.6



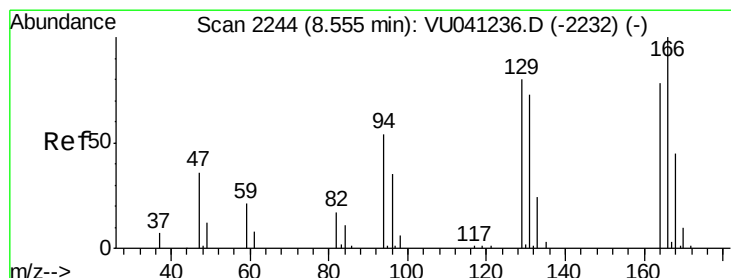
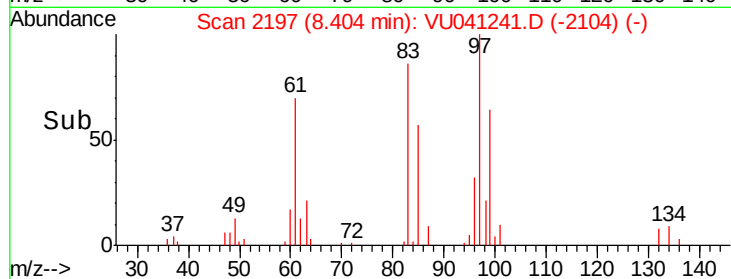
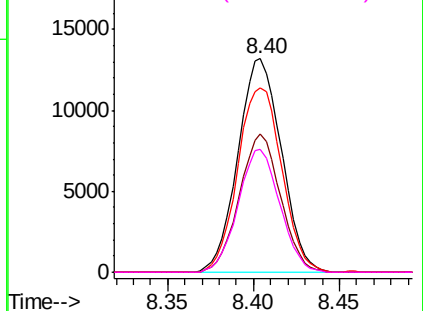
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

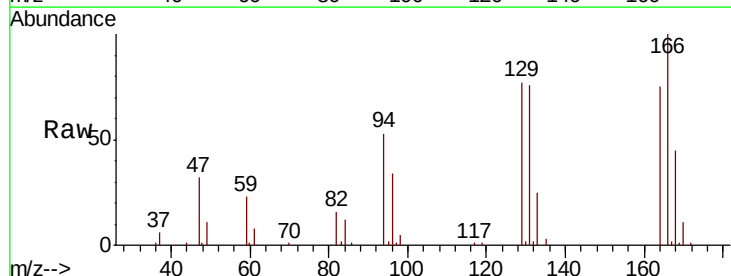
Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47
 Tetrachloroethene
 Concen: 5.103 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion:	164	Resp:	20245
Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.3	130.7
131	101.0	70.8	131.4
166	132.5	92.0	170.8



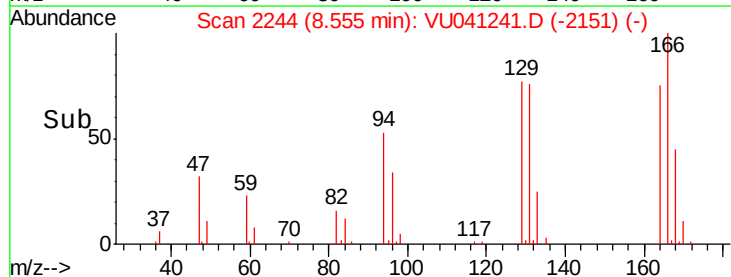
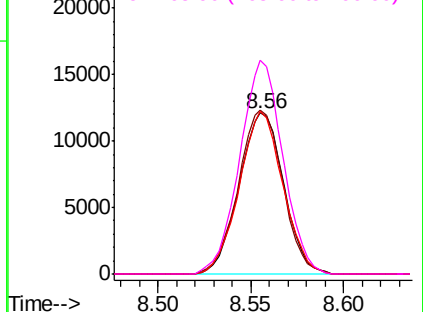
Abundance

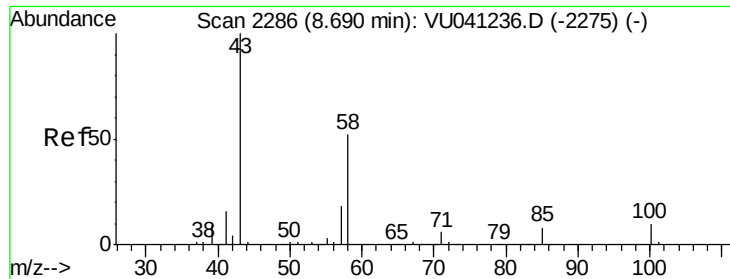
Ion 163.90 (163.60 to 164.60): V

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: 51.215 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VICV07

Tot Ion: 43 Resp: 183718

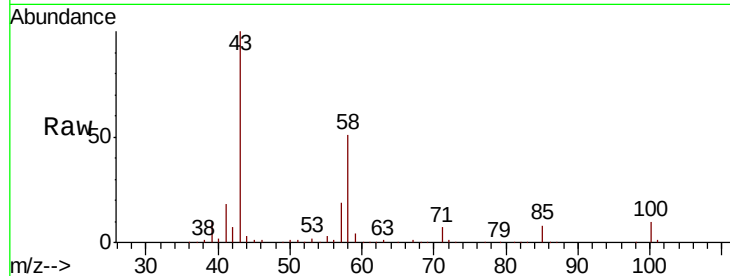
Ion Ratio Lower Upper

43 100

58 50.6 41.4 62.2

57 18.4 14.6 21.8

100 10.1 8.3 12.5

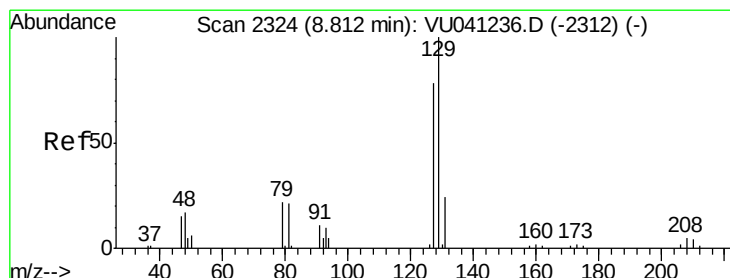
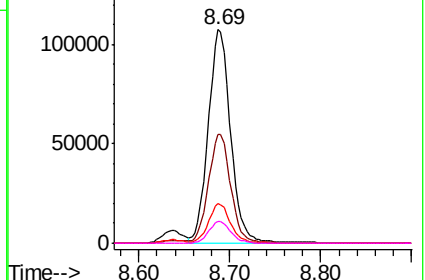
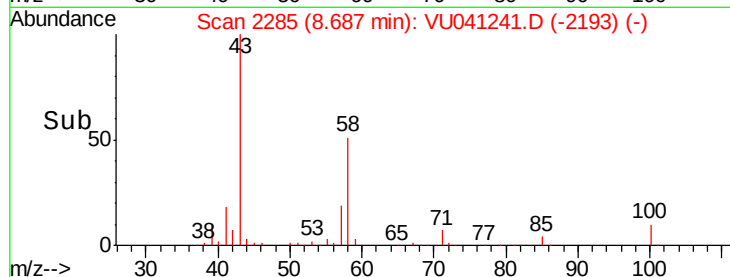


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#49

Dibromochloromethane

Concen: 5.099 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. 0.00 min

Lab File: VU041241.D

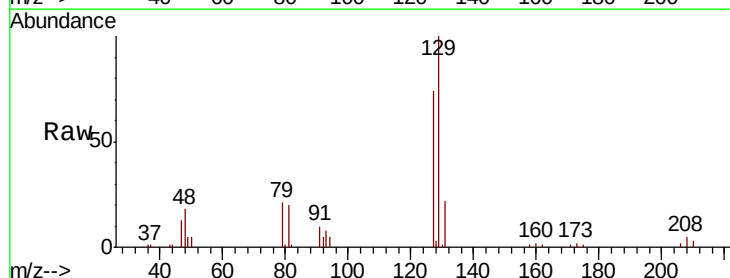
Acq: 16 Nov 2020 12:00

Tgt Ion: 129 Resp: 27137

Ion Ratio Lower Upper

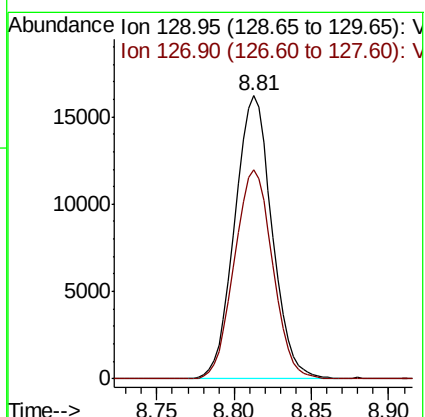
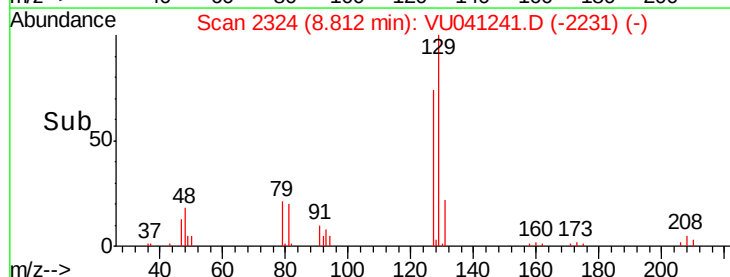
129 100

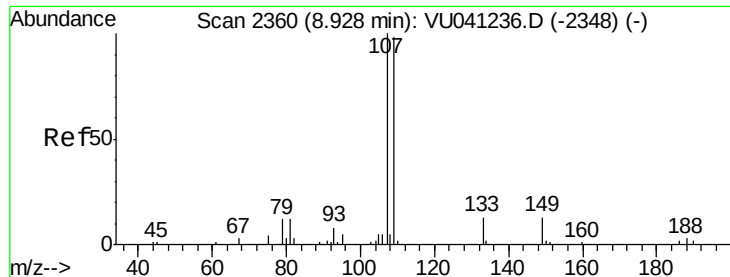
127 73.8 53.4 99.2



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

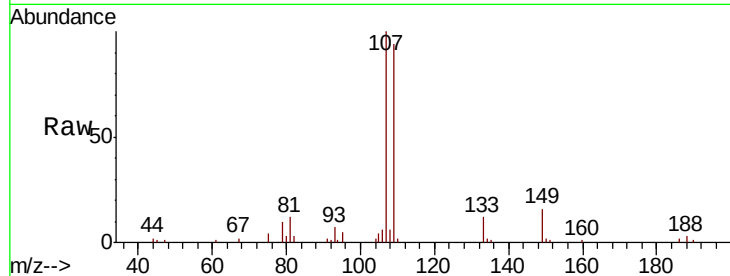




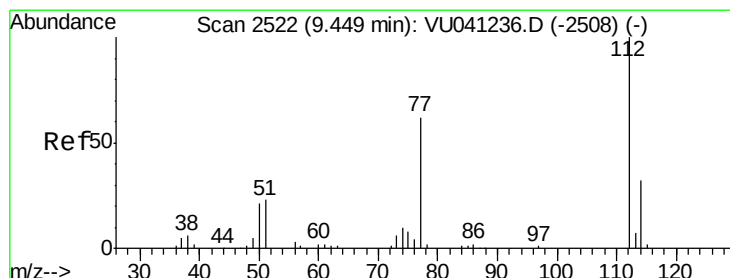
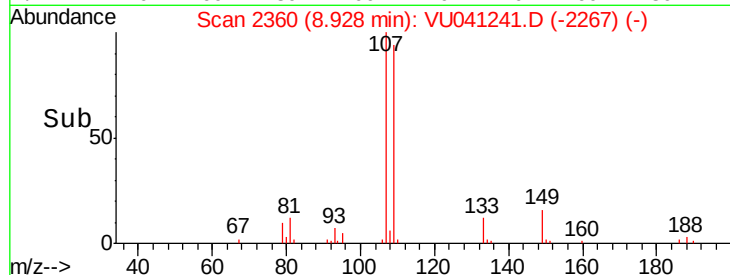
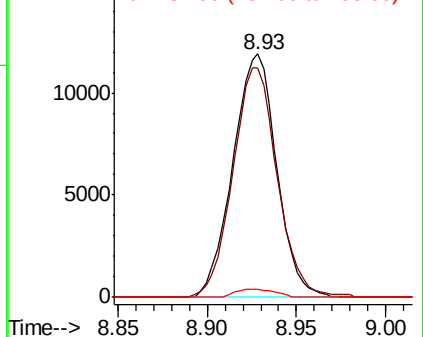
#50
1,2-Dibromoethane
Concen: 4.894 ug/L
RT: 8.93 min Scan# 2360
Delta R.T. 0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VICV07

Tot Ion:107 Resp: 20391
Ion Ratio Lower Upper
107 100
109 94.3 65.6 121.8
188 3.2 2.9 4.3

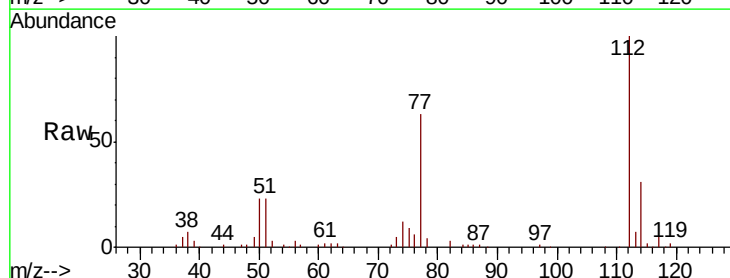


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

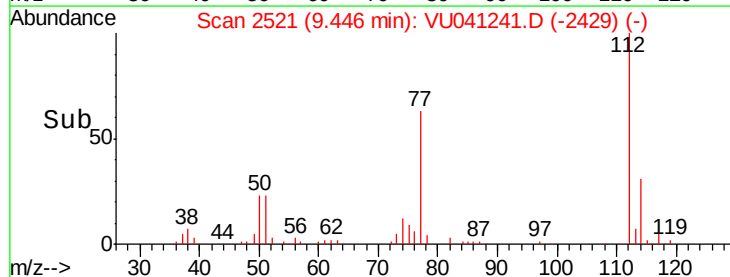
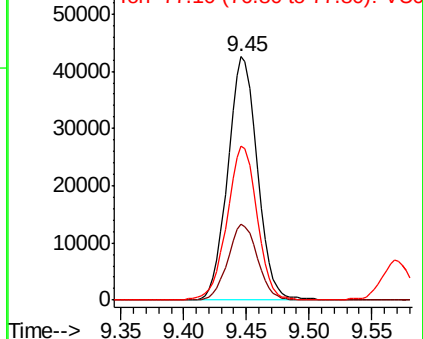


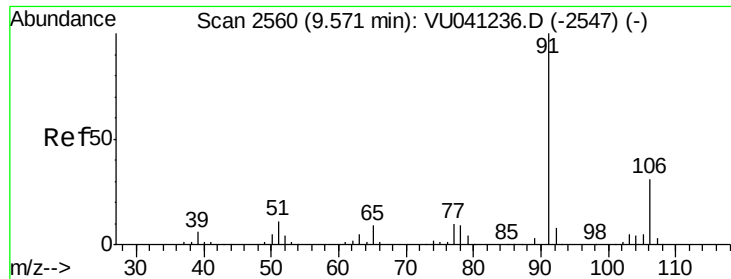
#51
Chlorobenzene
Concen: 4.954 ug/L
RT: 9.45 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Tgt Ion:112 Resp: 69668
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 63.4 51.2 76.8



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: 4.989 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

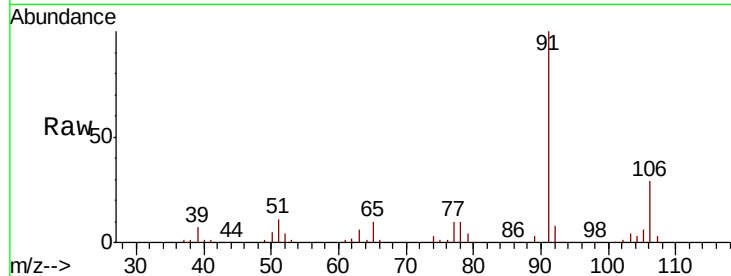
VICV07

Tot Ion: 91 Resp: 113109

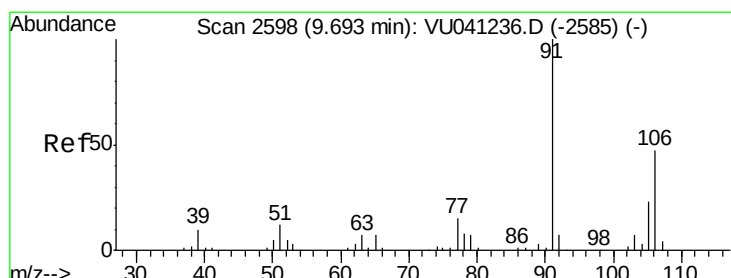
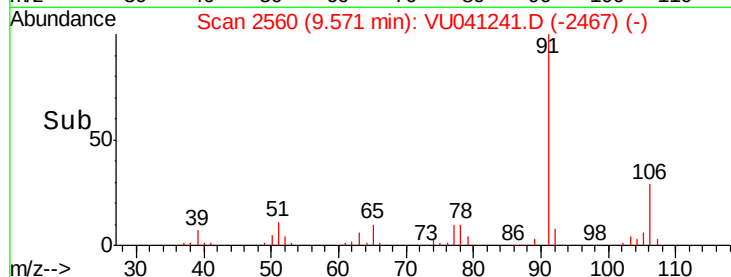
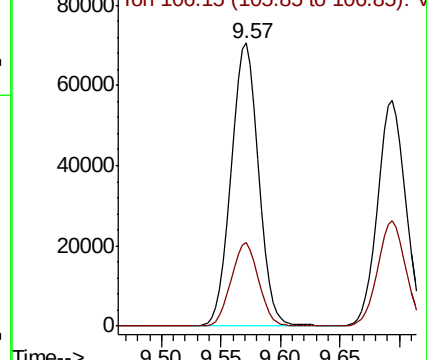
Ion Ratio Lower Upper

91 100

106 29.4 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041241.D (-2547) (-)



#53

m,p-Xylene

Concen: 5.249 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041241.D

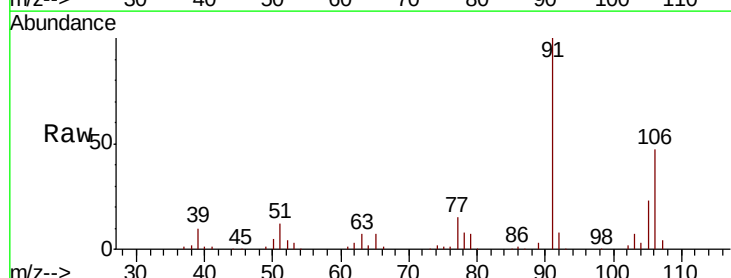
Acq: 16 Nov 2020 12:00

Tgt Ion: 106 Resp: 43005

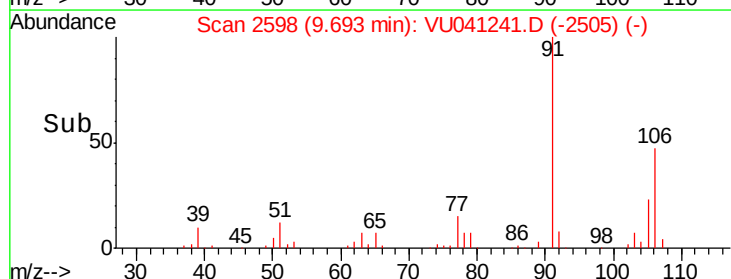
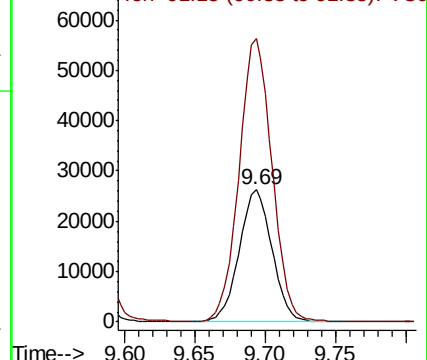
Ion Ratio Lower Upper

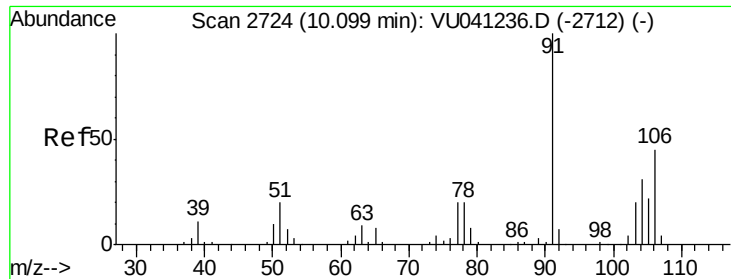
106 100

91 214.6 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041241.D (-2598) (-)

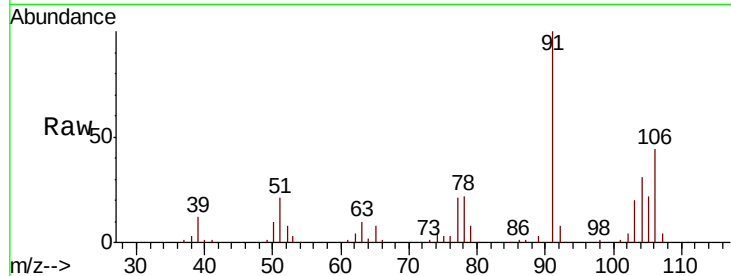




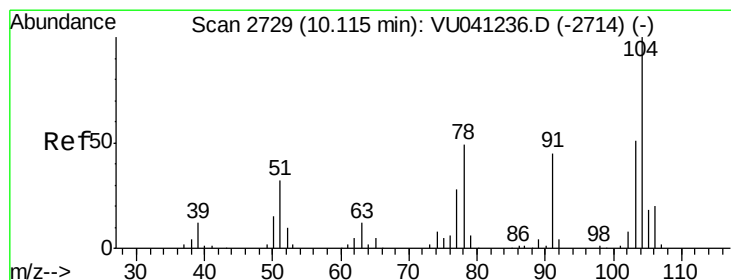
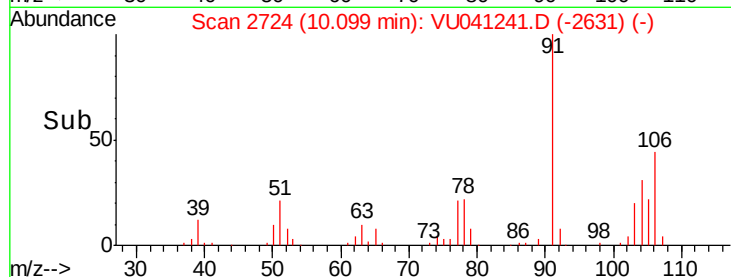
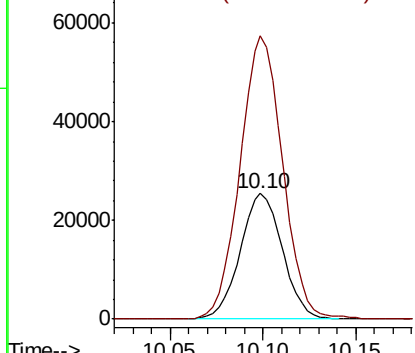
#54
o-Xylene
Concen: 5.108 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VICV07

Tot Ion:106 Resp: 40314
Ion Ratio Lower Upper
106 100
91 225.3 154.3 286.5

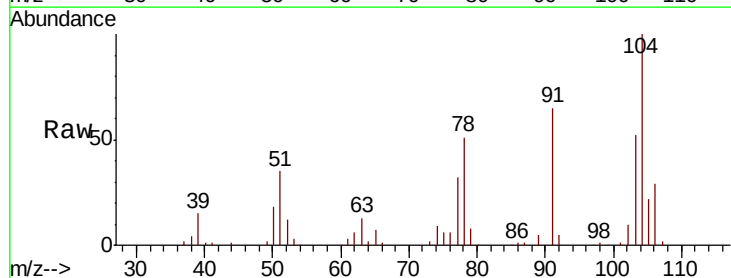


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

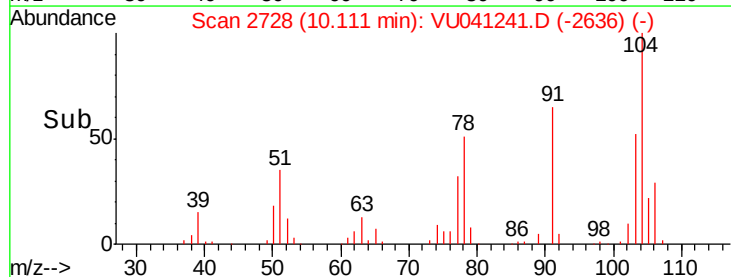
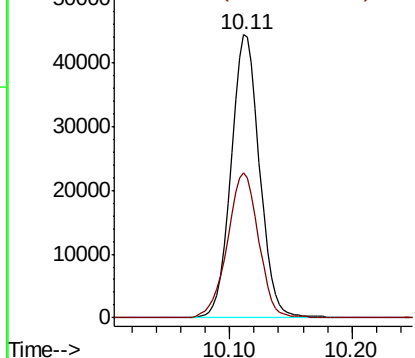


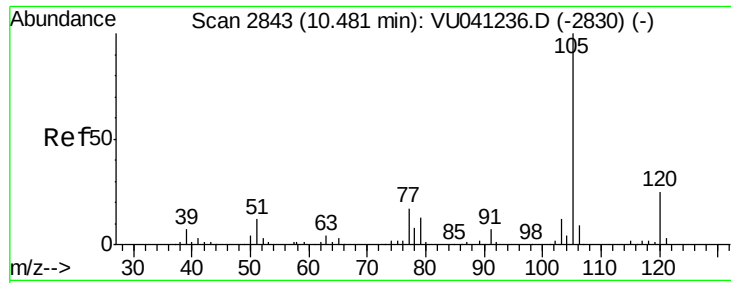
#55
Styrene
Concen: 5.171 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU041241.D
Acq: 16 Nov 2020 12:00

Tgt Ion:104 Resp: 72274
Ion Ratio Lower Upper
104 100
78 51.5 35.5 65.9



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





#56

Isopropylbenzene

Concen: 5.324 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VICV07

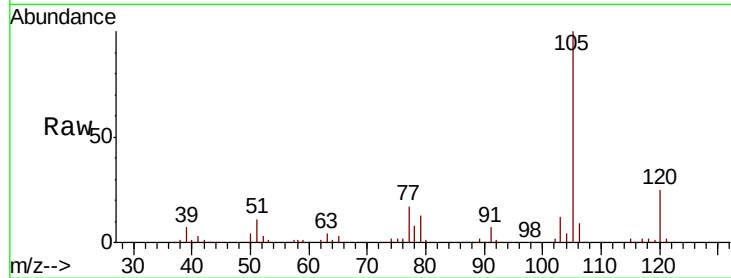
Tot Ion:105 Resp: 111310

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

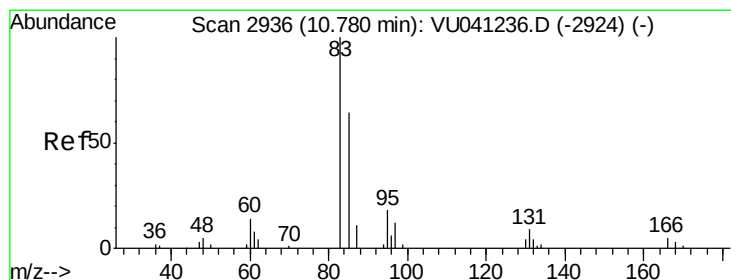
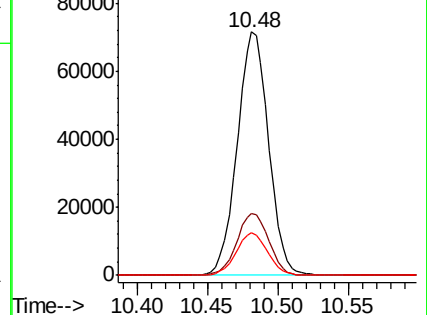
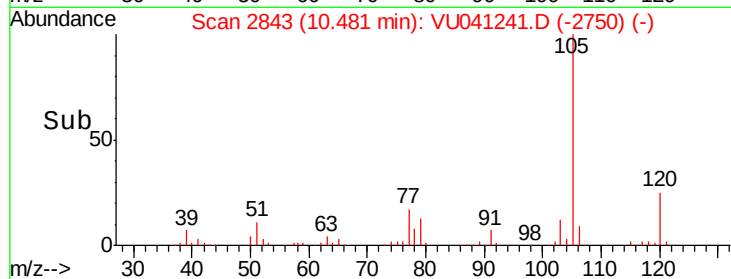
77 17.4 13.8 20.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.764 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

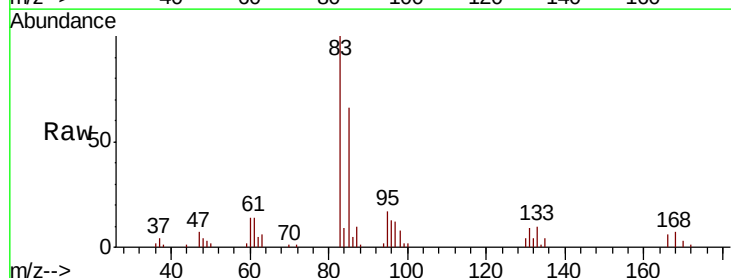
Tgt Ion: 83 Resp: 27965

Ion Ratio Lower Upper

83 100

85 65.8 44.4 82.4

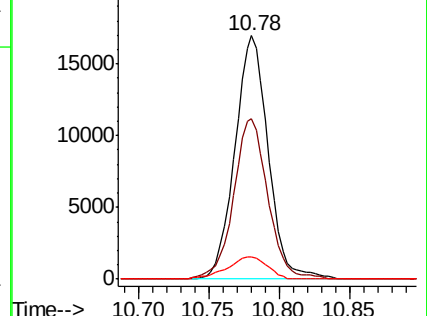
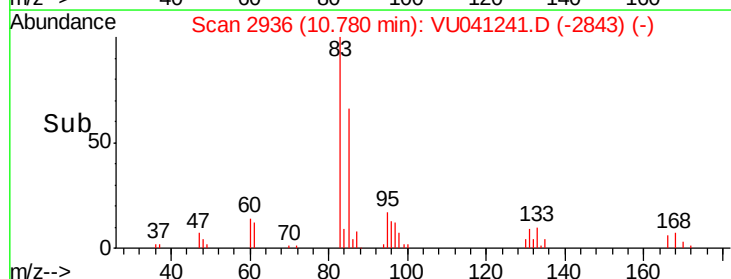
131 9.2 7.7 11.5

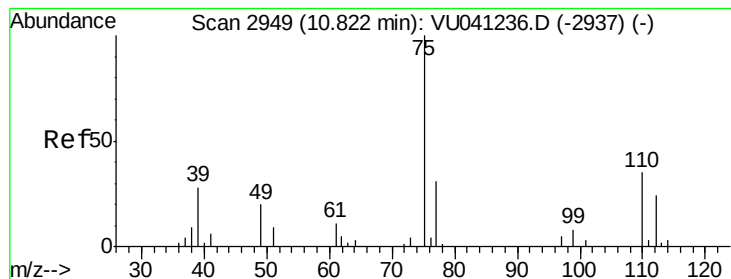


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

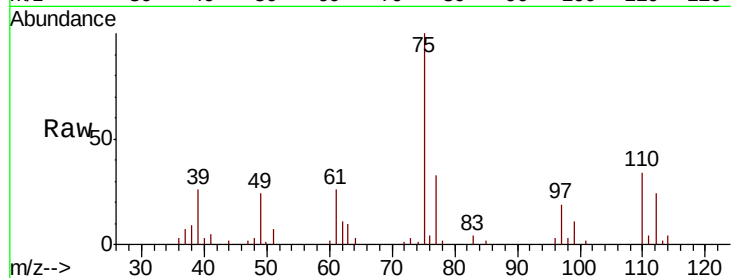




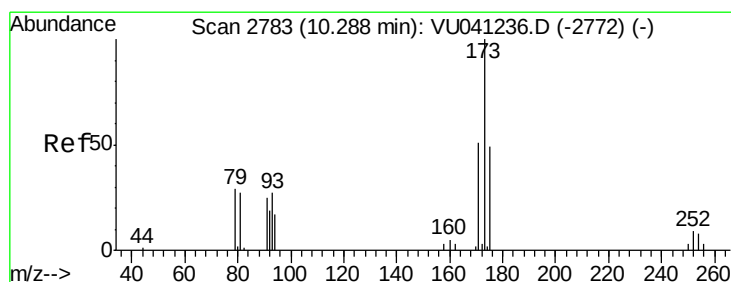
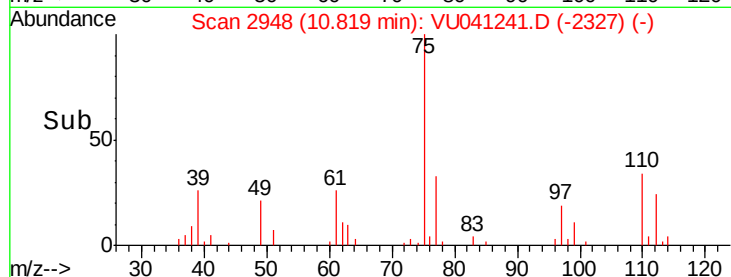
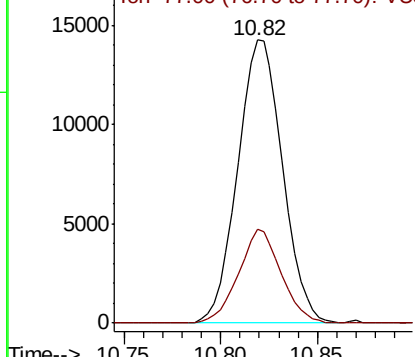
#59
 1,2,3-Trichloropropane
 Concen: 5.022 ug/L
 RT: 10.82 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

Tot Ion: 75 Resp: 22996
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5

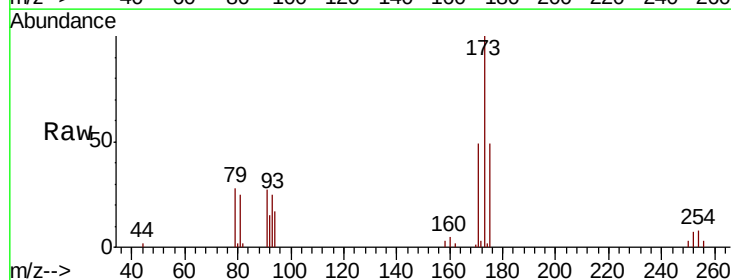


Abundance Ion 75.00 (74.70 to 75.70): VU041236.D (-2937) (-)
 Ion 77.00 (76.70 to 77.70): VU041236.D (-2937) (-)

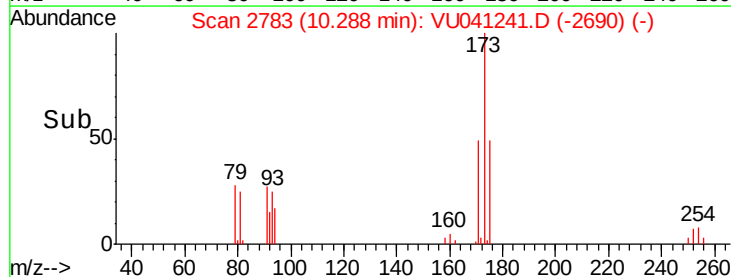
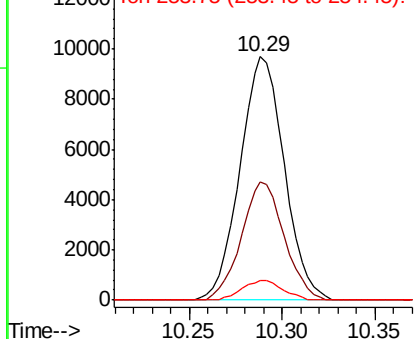


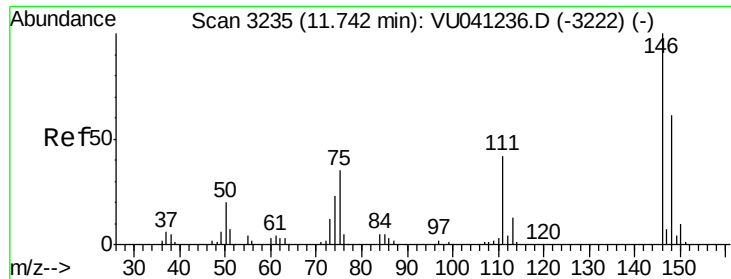
#61
 Bromoform
 Concen: 4.348 ug/L
 RT: 10.29 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion: 173 Resp: 16092
 Ion Ratio Lower Upper
 173 100
 175 46.8 37.6 56.4
 254 7.3 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): VU041236.D (-2772) (-)
 Ion 174.90 (174.60 to 175.60): VU041236.D (-2772) (-)
 Ion 253.75 (253.45 to 254.45): VU041236.D (-2772) (-)





#62

1,3-Dichlorobenzene

Concen: 4.597 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampled :

VICV07

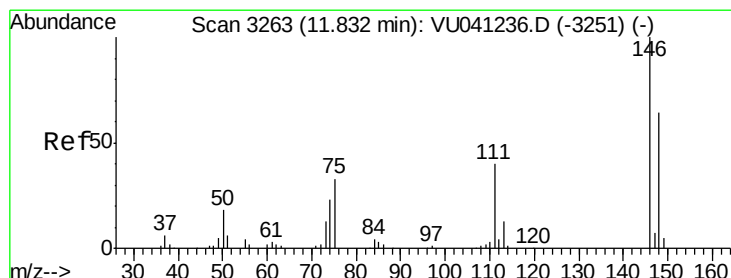
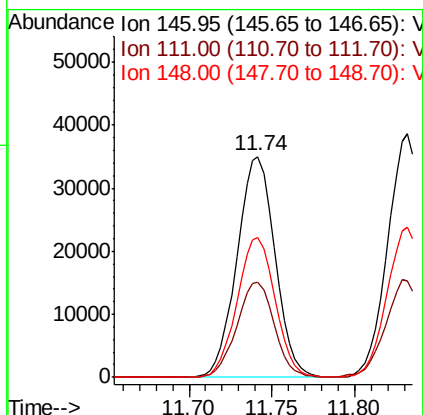
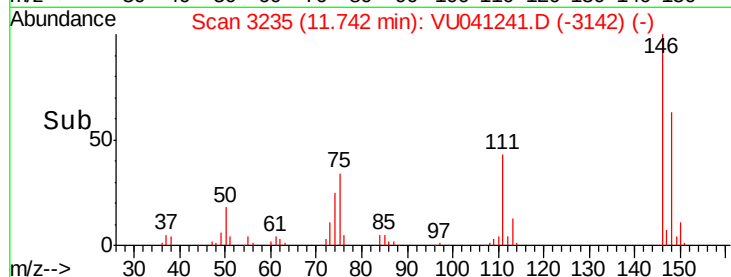
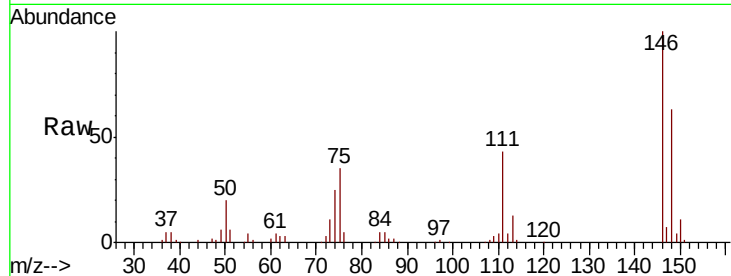
Tot Ion:146 Resp: 55913

Ion Ratio Lower Upper

146 100

111 43.0 30.9 57.3

148 63.1 45.8 85.2



#63

1,4-Dichlorobenzene

Concen: 4.703 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

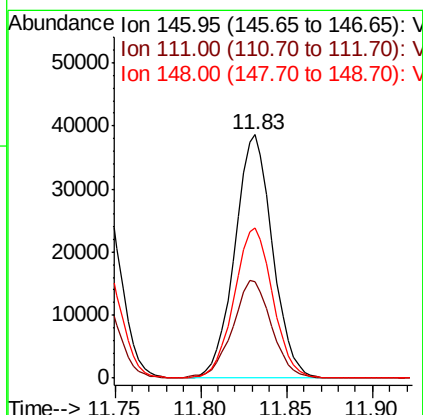
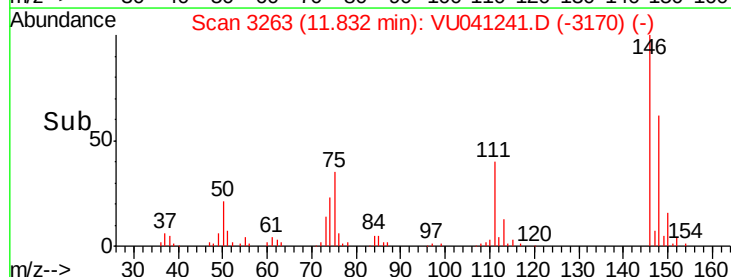
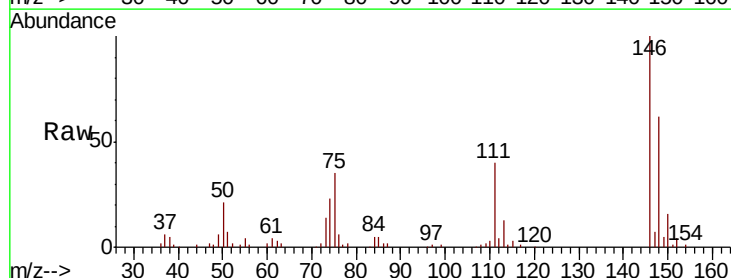
Tgt Ion:146 Resp: 58943

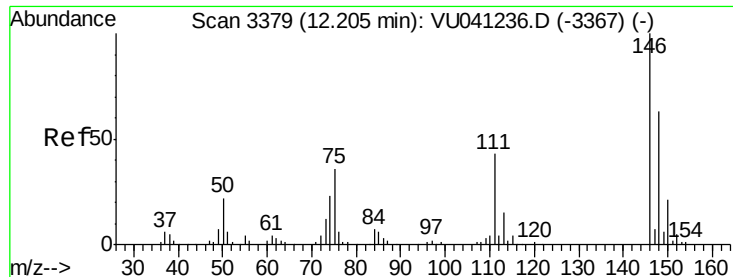
Ion Ratio Lower Upper

146 100

111 39.8 28.3 52.7

148 61.8 44.2 82.2

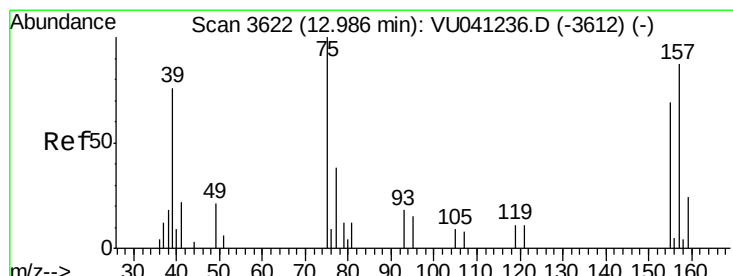
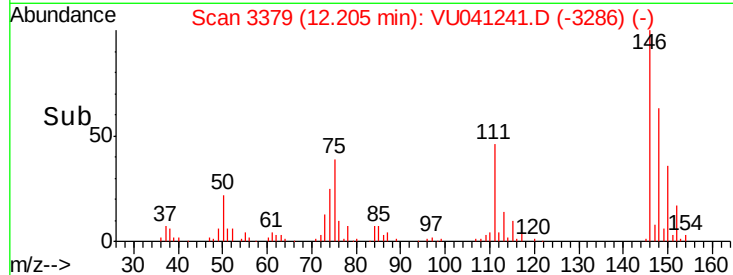
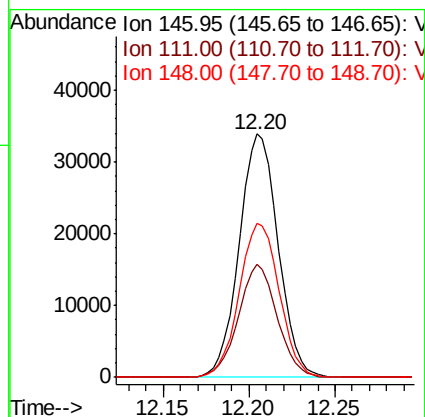
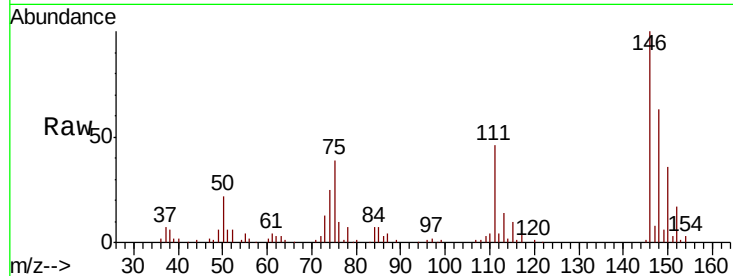




#65
 1,2-Dichlorobenzene
 Concen: 4.421 ug/L
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

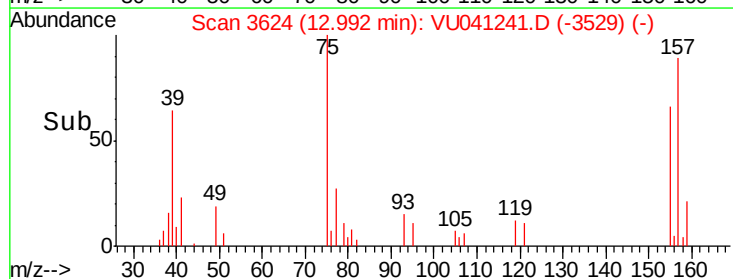
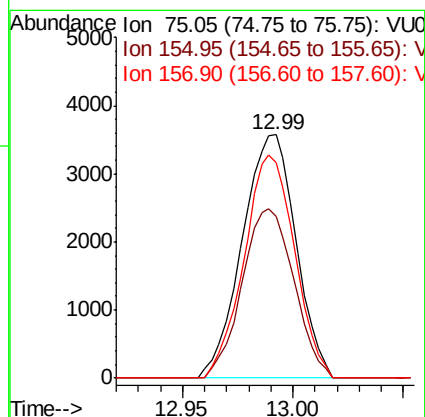
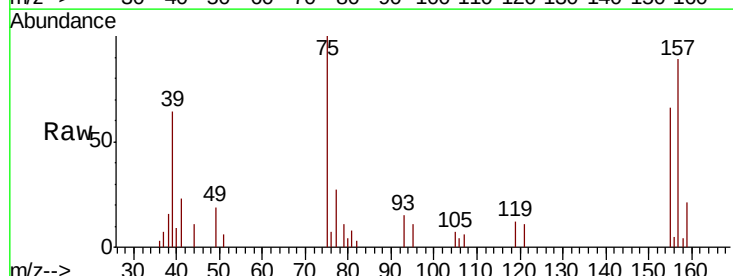
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

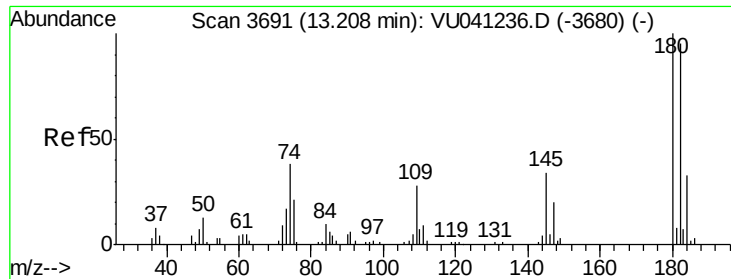
Tot Ion:146 Resp: 53482
 Ion Ratio Lower Upper
 146 100
 111 46.4 35.0 52.6
 148 63.2 52.0 78.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.357 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.01 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion: 75 Resp: 6016
 Ion Ratio Lower Upper
 75 100
 155 66.2 61.4 92.2
 157 88.6 74.2 111.4

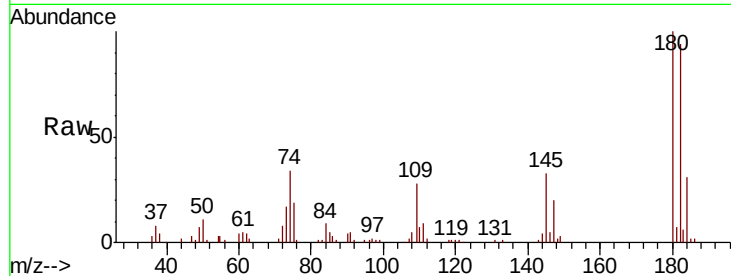




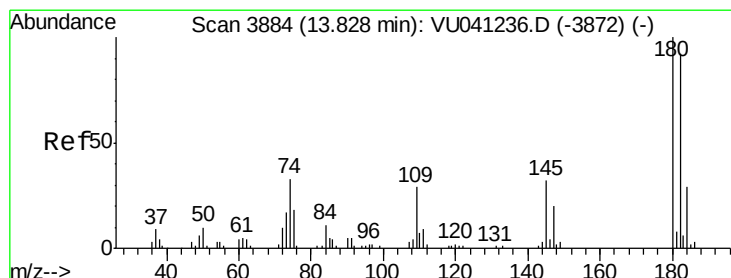
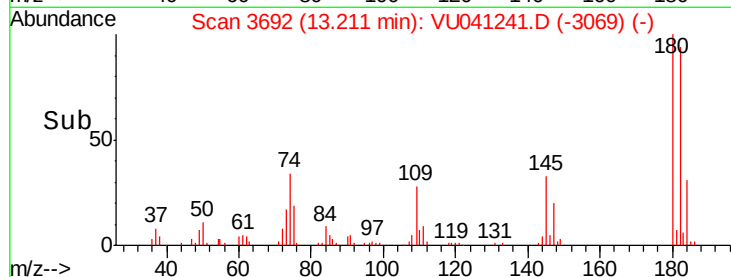
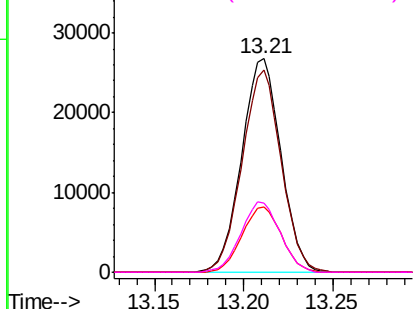
#67
 1,3,5-Trichlorobenzene
 Concen: 4.751 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

Tot Ion:180 Resp: 41152
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.7 113.5
 184 30.8 23.7 35.5
 145 33.0 26.1 39.1

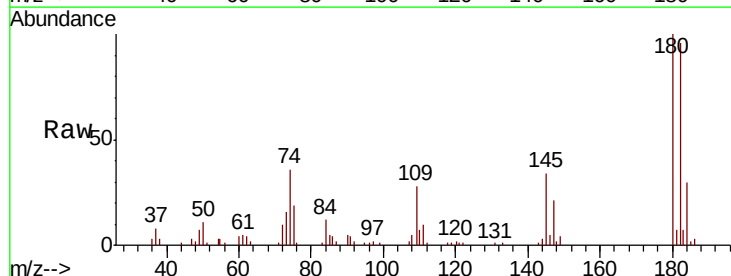


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

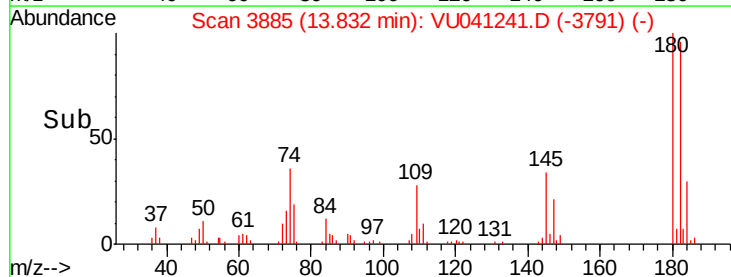
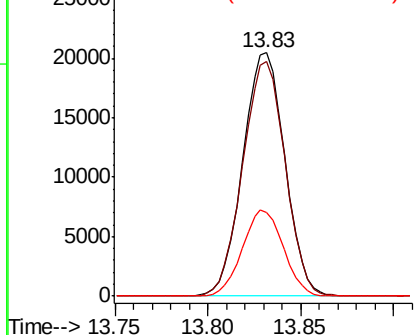


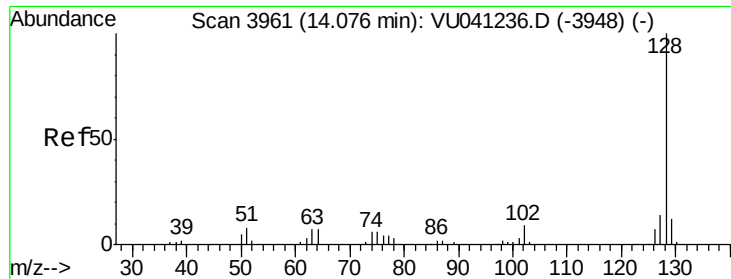
#68
 1,2,4-trichlorobenzene
 Concen: 4.517 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041241.D
 Acq: 16 Nov 2020 12:00

Tgt Ion:180 Resp: 32499
 Ion Ratio Lower Upper
 180 100
 182 96.9 73.5 110.3
 145 34.2 26.6 40.0



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: 4.685 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VICV07

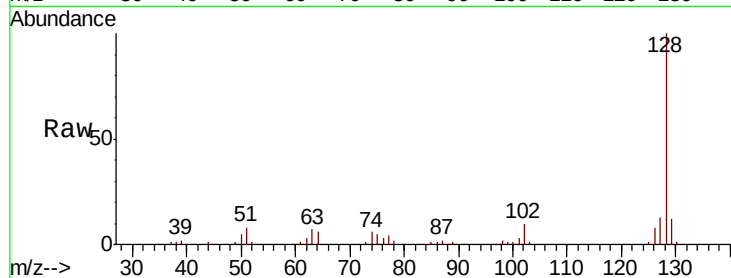
Tot Ion:128 Resp: 54576

Ion Ratio Lower Upper

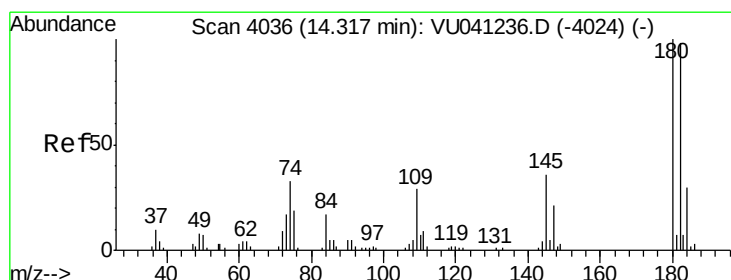
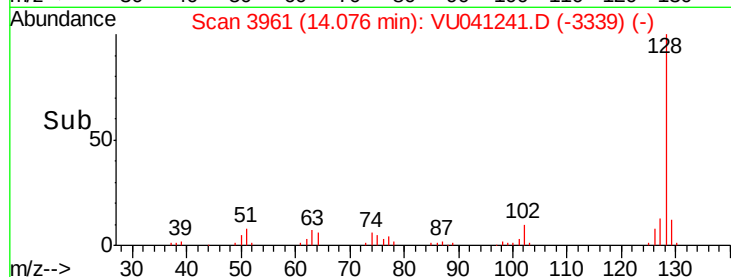
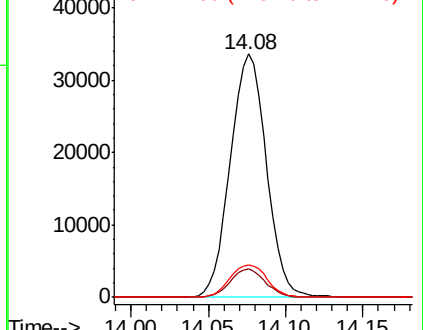
128 100

129 11.2 8.7 13.1

127 13.7 10.8 16.2



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: 4.546 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU041241.D

Acq: 16 Nov 2020 12:00

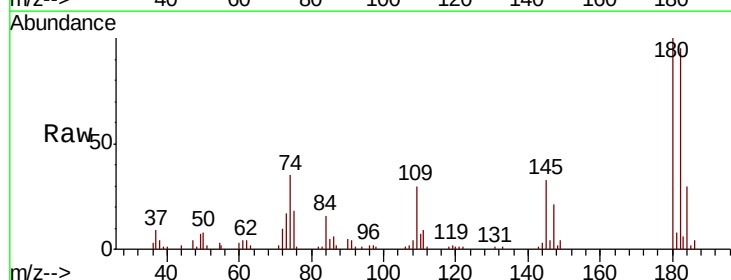
Tgt Ion:180 Resp: 30377

Ion Ratio Lower Upper

180 100

182 97.2 77.7 116.5

145 35.0 29.4 44.0



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

