

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012320\
 Data File : VU036545.D
 Acq On : 23 Jan 2020 17:56
 Operator : JC/MD
 Sample : VU0123WBS02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	35486	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13329	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	13364	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	23629	2.014	ug/l	97
3) Chloromethane	1.54	50	26588	2.114	ug/l	98
4) Vinyl Chloride	1.62	62	28470	1.999	ug/l	100
5) Bromomethane	1.87	94	16494	1.864	ug/l	100
6) Chloroethane	1.95	64	16463	1.951	ug/l	99
7) Trichlorofluoromethane	2.16	101	28247	2.007	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	17642	2.012	ug/l	99
9) 1,1-Dichloroethene	2.61	96	18658	1.999	ug/l	97
10) Iodomethane	2.75	142	17062	1.889	ug/l	99
11) Allyl Chloride	2.95	41	25495	1.976	ug/l	99
12) Acrylonitrile	3.37	53	9270	4.050	ug/l #	88
13) Acetone	2.68	43	16455	9.495	ug/l	97
14) Carbon Disulfide	2.82	76	62295	1.928	ug/l	99
15) Methylene Chloride	3.08	84	27626	2.248	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	20328	1.975	ug/l	99
17) 1,1-Dichloroethane	3.92	63	33141	1.976	ug/l	100
18) 2-Butanone	4.78	43	25151	10.235	ug/l	97
19) Cyclohexane	5.42	56	27480	1.792	ug/l	89
20) Methylcyclohexane	6.80	83	34276	2.002	ug/l	99
21) 2,2-Dichloropropane	4.71	77	28443	1.986	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	21742	2.036	ug/l	98
23) Diethyl Ether	2.41	59	14257	1.978	ug/l	95
24) tert-Butyl Alcohol	3.29	59	11926	18.512	ug/l	96
25) Methyl tert-Butyl Ether	3.42	73	49666	2.031	ug/l	97
26) Bromochloromethane	5.02	128	9111	1.970	ug/l	98
27) Chloroform	5.13	83	33621	2.026	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	28252	2.031	ug/l	98
29) 1,1-Dichloropropene	5.56	75	27025	1.990	ug/l	99
30) Carbon Tetrachloride	5.56	117	23636	1.984	ug/l	100
31) Isopropyl Ether	4.06	45	50703	1.991	ug/l	98
32) Ethyl-t-butyl ether	4.56	59	53584	2.011	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	49064	2.011	ug/l	98
34) Propionitrile	4.85	54	7153	10.099	ug/l #	93
35) Benzene	5.81	78	78966	2.008	ug/l	100
36) 1,2-Dichloroethane	5.84	62	21127	1.996	ug/l	99
37) Trichloroethene	6.58	130	21705	1.999	ug/l	93
38) 1,2-Dichloropropane	6.83	63	20027	2.026	ug/l	98
39) Methacrylonitrile	5.03	41	6149	2.066	ug/l	97
40) Methyl acrylate	4.91	55	10083	2.137	ug/l	99
41) Tetrahydrofuran	5.13	42	6462	3.984	ug/l	94
42) 1-Chlorobutane	5.50	56	35140	1.997	ug/l	98

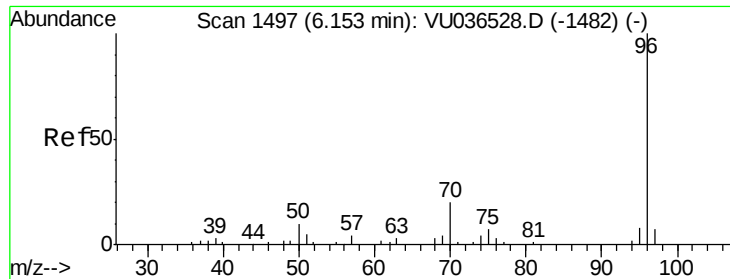
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	10494	2.034	ug/l	96
44) Bromodichloromethane	7.14	83	24329	1.993	ug/l	98
45) 4-Methyl-2-Pentanone	7.84	43	58759	10.107	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	21450	8.378	ug/l #	63
47) Methyl methacrylate	7.01	69	20044	3.964	ug/l	99
48) Ethyl methacrylate	8.37	69	19503	1.997	ug/l	97
49) Toluene	8.00	92	50166	1.999	ug/l	97
50) t-1,3-Dichloropropene	8.24	75	23683	1.947	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	28991	1.967	ug/l	97
52) 1,1,2-Trichloroethane	8.43	97	15128	2.066	ug/l	98
53) 1,3-Dichloropropane	8.61	76	25466	2.029	ug/l	99
54) 2-Hexanone	8.73	43	41294	10.128	ug/l	99
55) Dibromochloromethane	8.84	129	16296	1.933	ug/l	99
56) 1,2-Dibromoethane	8.96	107	13929	1.976	ug/l	100
58) Tetrachloroethene	8.58	164	26154	2.410	ug/l	99
59) Chlorobenzene	9.47	112	55382	1.981	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	17513	1.961	ug/l	98
61) Pentachloroethane	11.45	117	7965	1.383	ug/l	84
62) Hexachloroethane	12.50	117	13958	1.901	ug/l	97
63) Ethyl Benzene	9.60	91	91884	1.961	ug/l	99
64) m/p-Xylenes	9.72	106	72830	3.927	ug/l	100
65) o-Xylene	10.12	106	35877	1.998	ug/l	100
66) Styrene	10.14	104	58959	1.960	ug/l	99
67) Bromoform	10.32	173	9325	1.932	ug/l	100
69) Isopropylbenzene	10.51	105	95215	2.018	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	18732	2.028	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	21450	3.255	ug/l #	46
72) Bromobenzene	10.81	156	23052	2.028	ug/l	99
73) n-propylbenzene	10.93	120	26648	2.013	ug/l	98
74) 2-Chlorotoluene	11.01	126	22447	1.974	ug/l	94
75) 1,3,5-Trimethylbenzene	11.11	105	80976	2.001	ug/l	99
76) 4-Chlorotoluene	11.12	126	23406	1.992	ug/l	94
77) tert-Butylbenzene	11.44	119	73925	1.928	ug/l	96
78) 1,2,4-Trimethylbenzene	11.49	105	83703	2.006	ug/l	98
79) sec-Butylbenzene	11.66	105	108202	2.034	ug/l	100
80) Nitrobenzene	13.23	77	905	6.828	ug/l #	89
81) p-Isopropyltoluene	11.82	119	88941	2.000	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	45240	1.989	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	44452	1.956	ug/l	98
84) n-Butylbenzene	12.23	91	80942	1.968	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	43968	2.020	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3118	1.994	ug/l	91
87) 1,2,4-Trichlorobenzene	13.86	180	26143	1.878	ug/l	98
88) Hexachlorobutadiene	14.04	225	15250	1.999	ug/l	96
89) Naphthalene	14.11	128	42951	1.791	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	24828	1.896	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

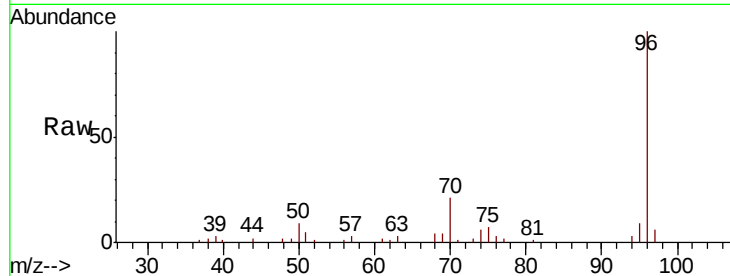
Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 35486

Ion	Ratio	Lower	Upper
96	100		
70	19.8	15.6	23.4
95	8.9	7.0	10.6
97	6.2	0.0	0.0#

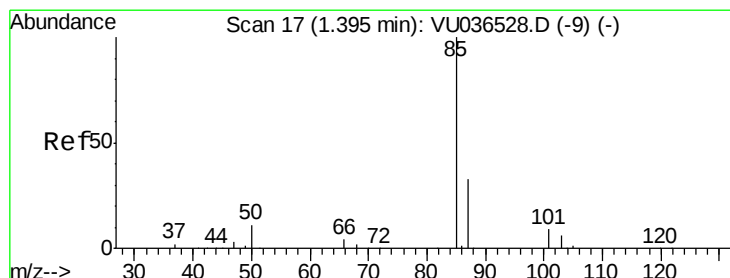
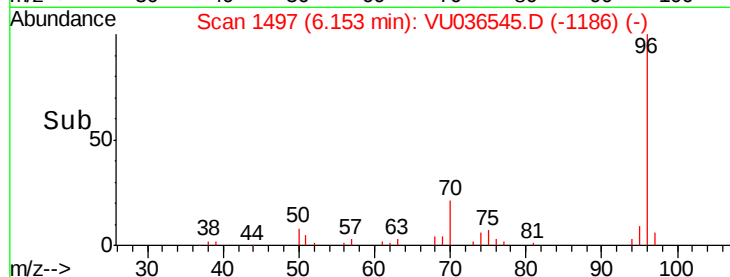
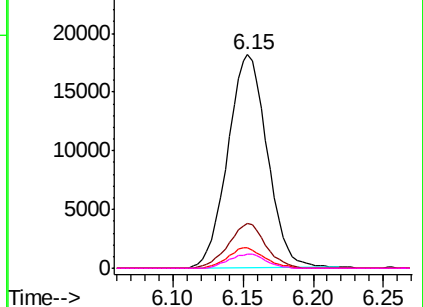


Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-1482) (-)

Ion 70.00 (69.70 to 70.70): VU036528.D (-1482) (-)

Ion 95.00 (94.70 to 95.70): VU036528.D (-1482) (-)

Ion 97.00 (96.70 to 97.70): VU036528.D (-1482) (-)



#2

Dichlorodifluoromethane

Concen: 2.014 ug/l

RT: 1.39 min Scan# 17

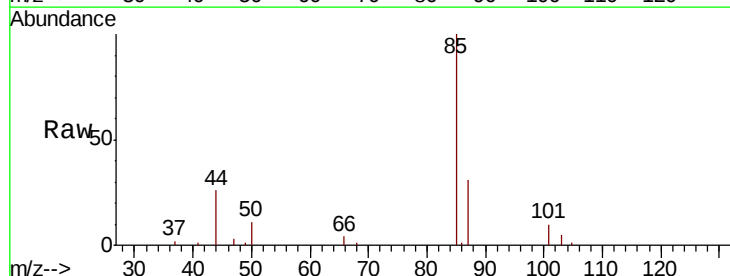
Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

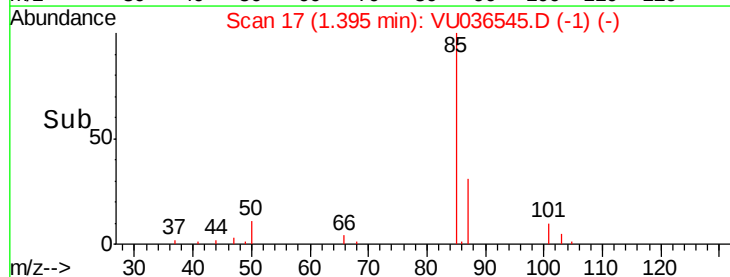
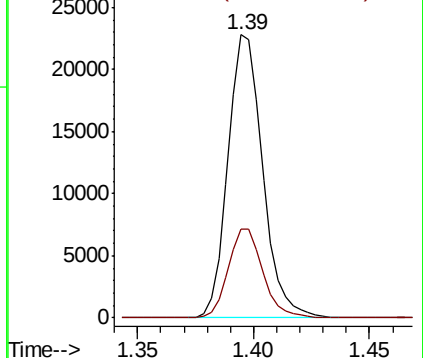
Tgt Ion: 85 Resp: 23629

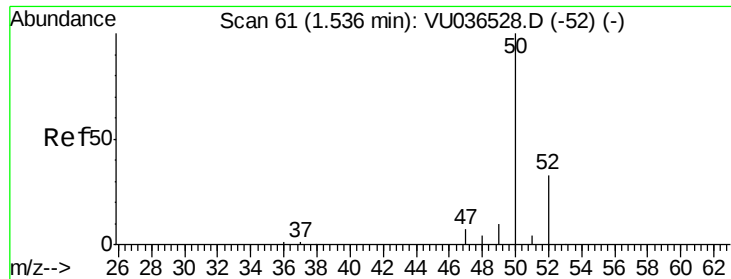
Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.4	49.2



Abundance Ion 85.00 (84.70 to 85.70): VU036528.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU036528.D (-9) (-)

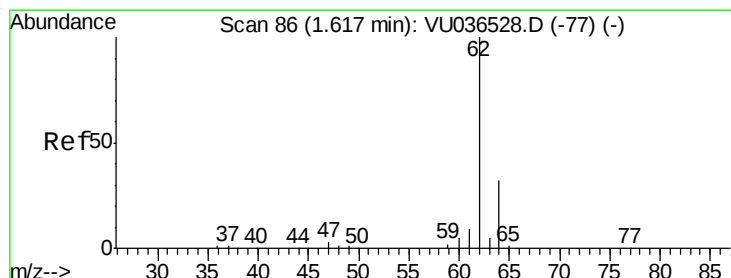
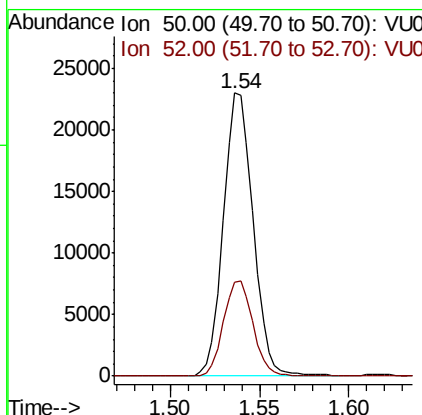
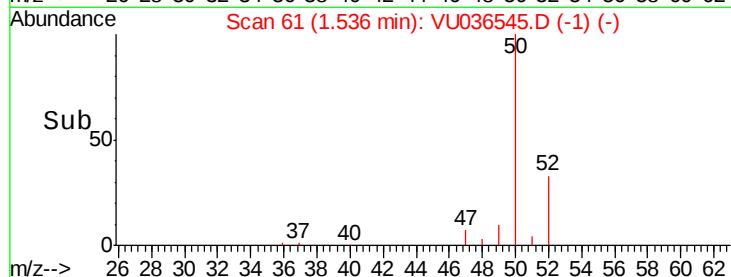
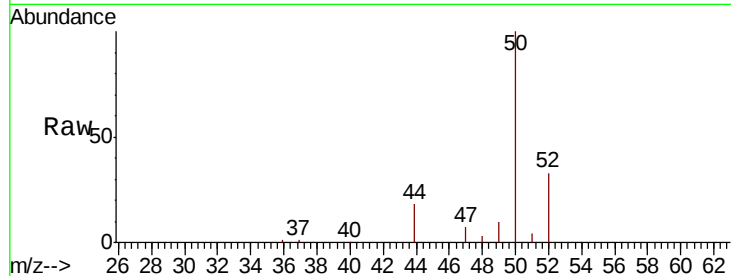




#3
 Chloromethane
 Concen: 2.114 ug/l
 RT: 1.54 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

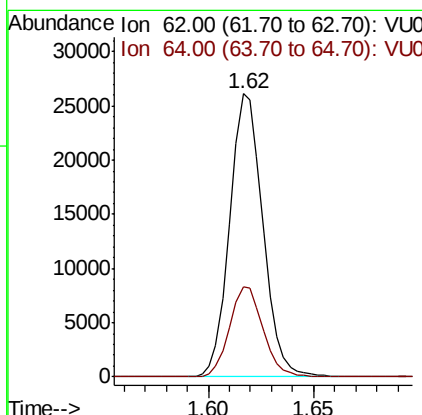
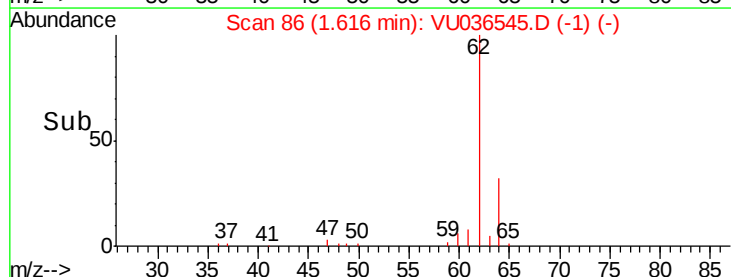
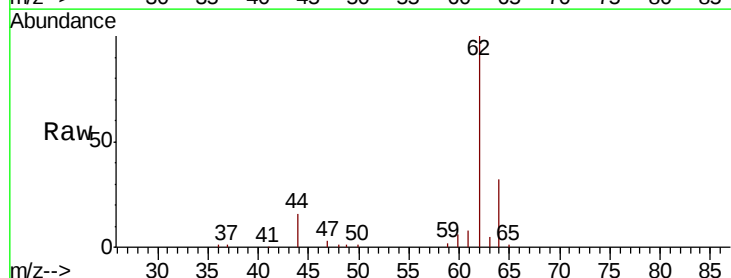
Instrument :
 MSVOA_U
 ClientSampled :

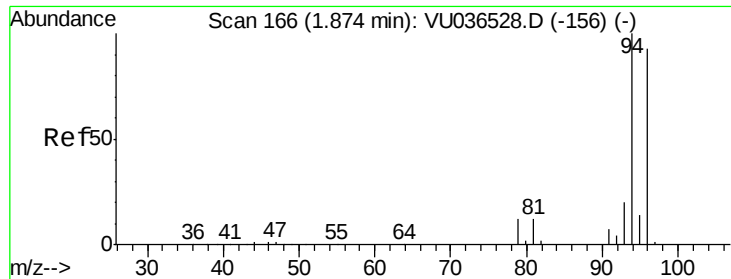
Tot Ion: 50 Resp: 26588
 Ion Ratio Lower Upper
 50 100
 52 33.3 26.0 39.0



#4
 Vinyl Chloride
 Concen: 1.999 ug/l
 RT: 1.62 min Scan# 86
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 62 Resp: 28470
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.4 38.2

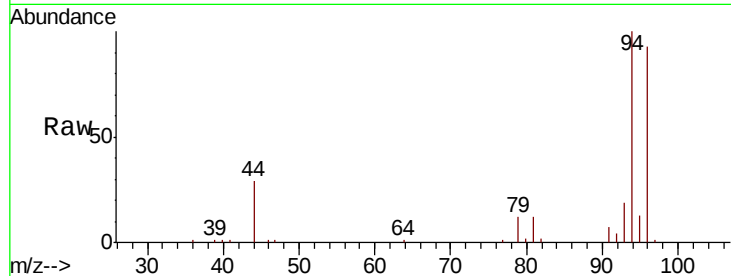




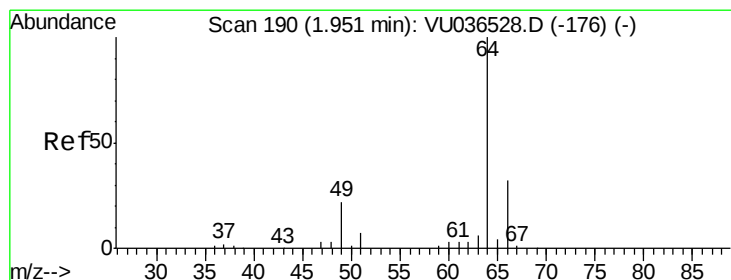
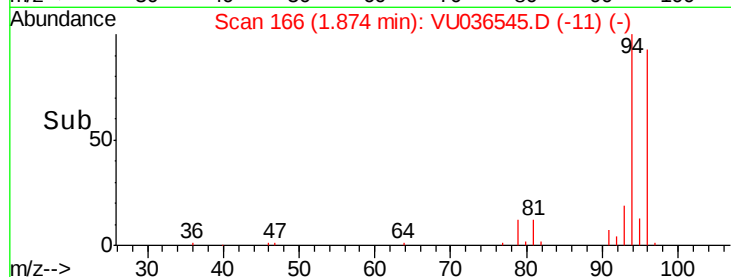
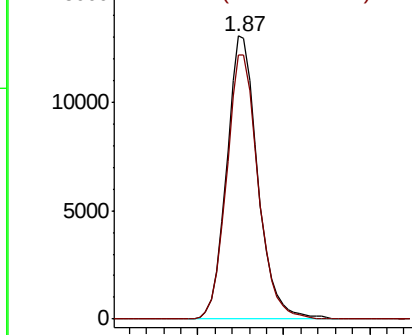
#5
Bromomethane
Concen: 1.864 ug/l
RT: 1.87 min Scan# 166
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 16494
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0

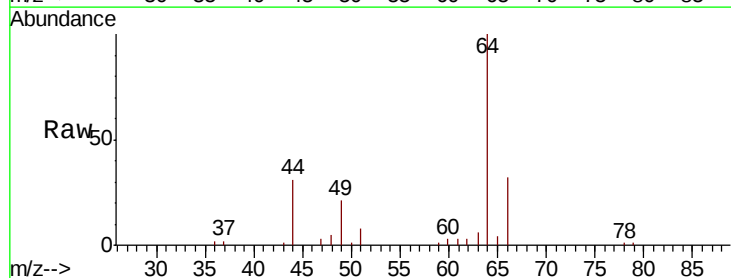


Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0

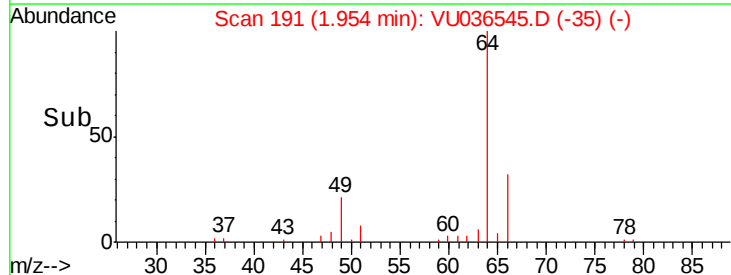
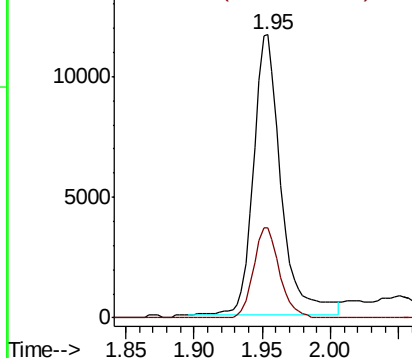


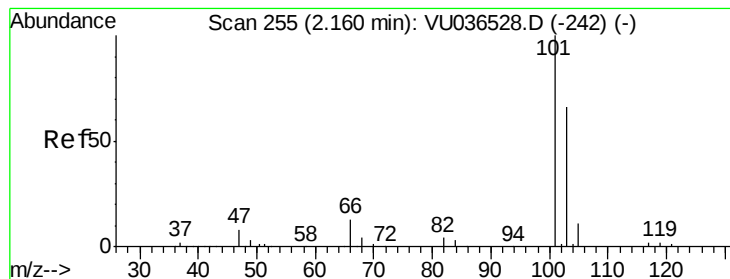
#6
Chloroethane
Concen: 1.951 ug/l
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 64 Resp: 16463
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0



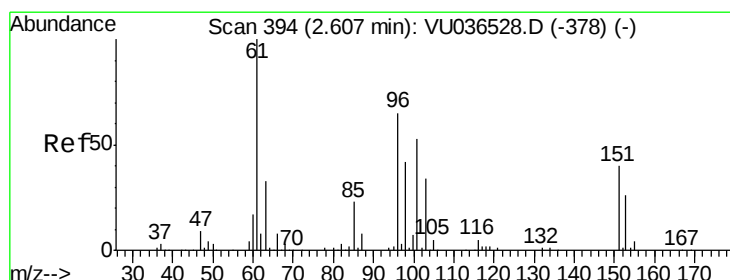
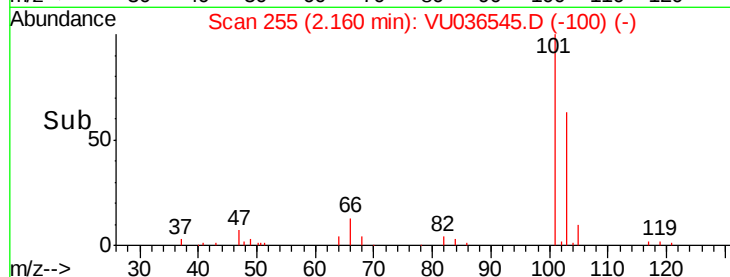
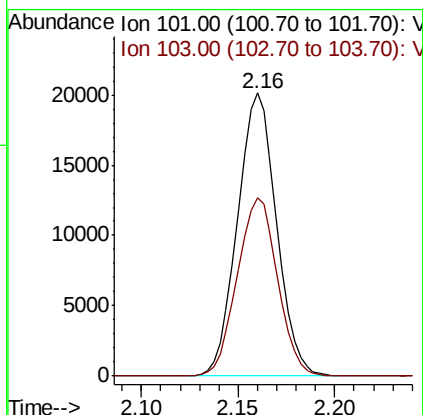
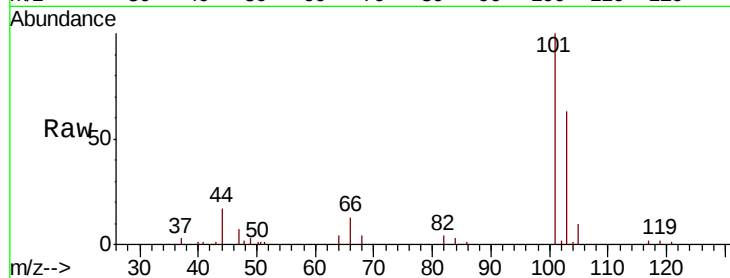


#7

Trichlorofluoromethane
 Concen: 2.007 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Instrument :
 MSVOA_U
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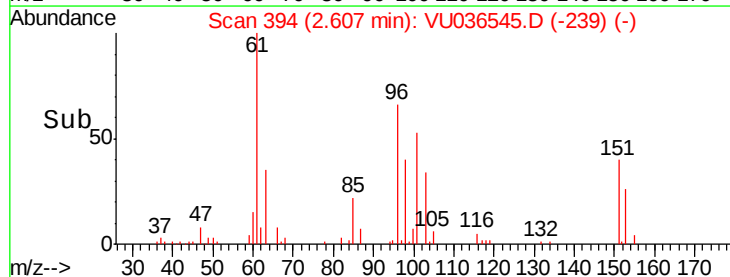
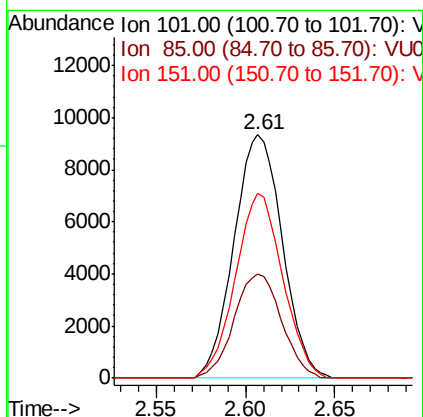
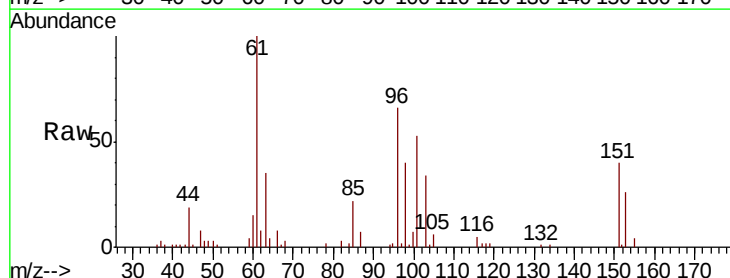
Tot Ion:101 Resp: 28247
 Ion Ratio Lower Upper
 101 100
 103 63.0 53.0 79.6

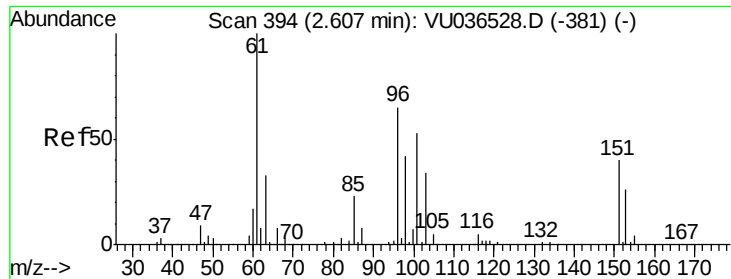


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.012 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion:101 Resp: 17642
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.9 50.9
 151 74.0 59.8 89.8





#9

1,1-Dichloroethene

Concen: 1.999 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

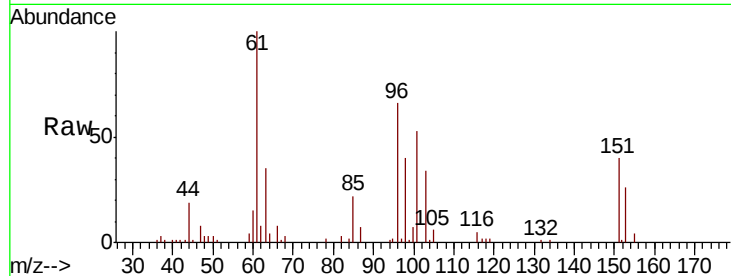
Tot Ion: 96 Resp: 18658

Ion Ratio Lower Upper

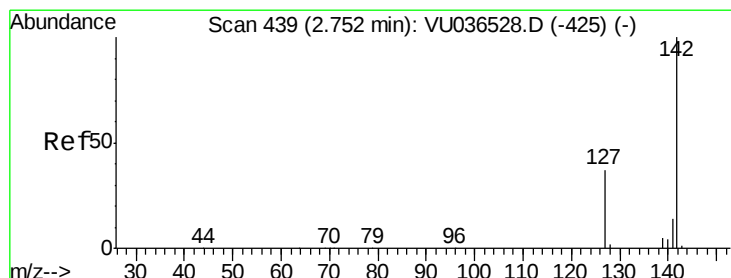
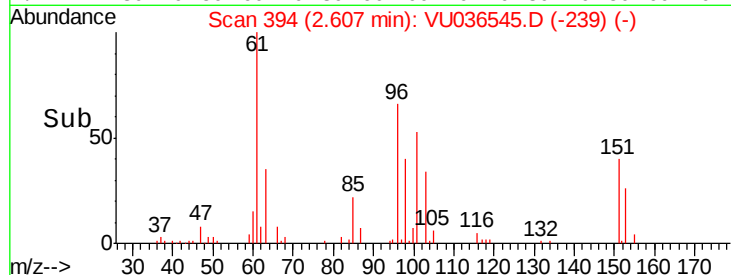
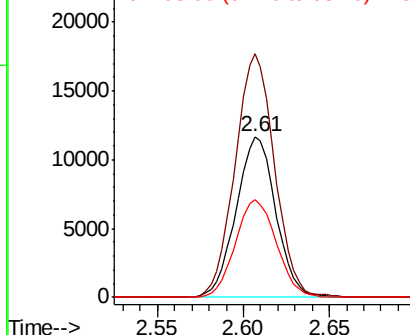
96 100

61 151.8 0.0 463.2

98 60.7 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.889 ug/l

RT: 2.75 min Scan# 439

Delta R.T. 0.00 min

Lab File: VU036545.D

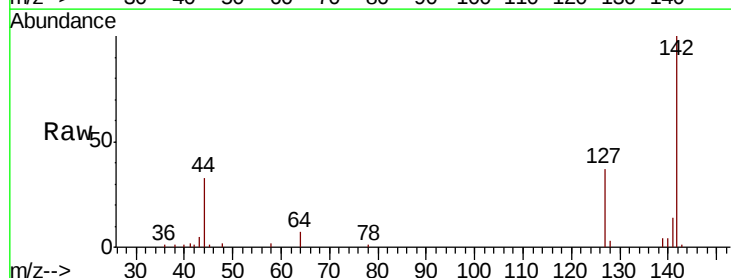
Acq: 23 Jan 2020 17:56

Tgt Ion:142 Resp: 17062

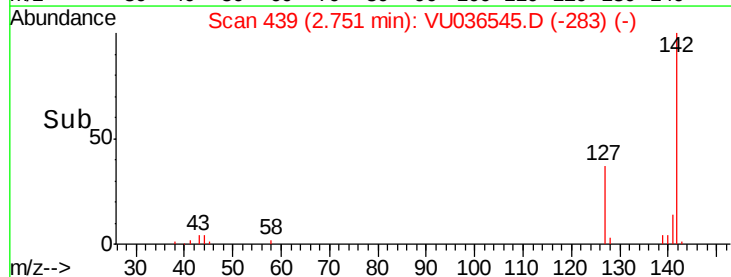
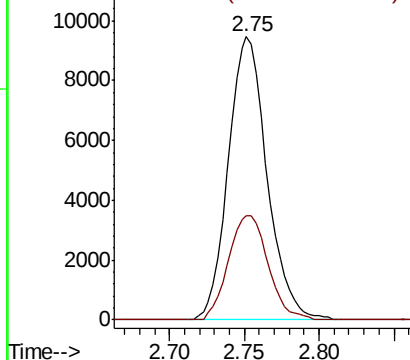
Ion Ratio Lower Upper

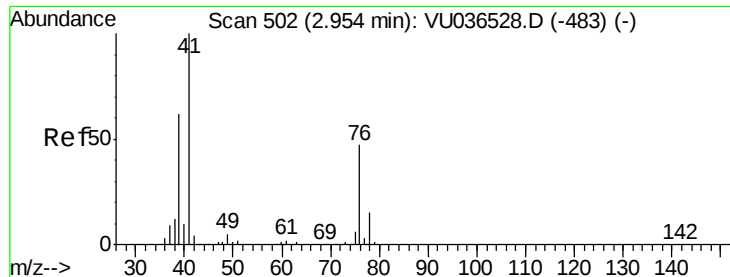
142 100

127 37.5 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

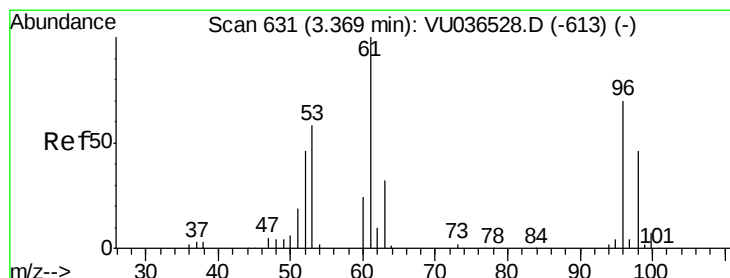
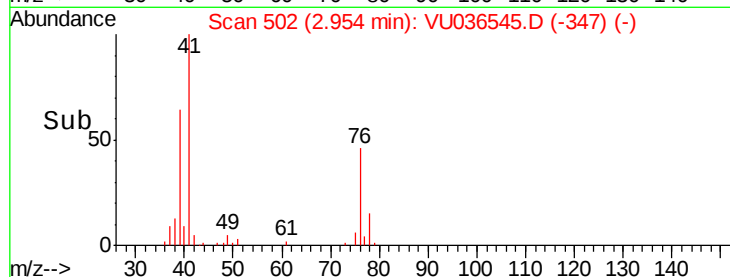
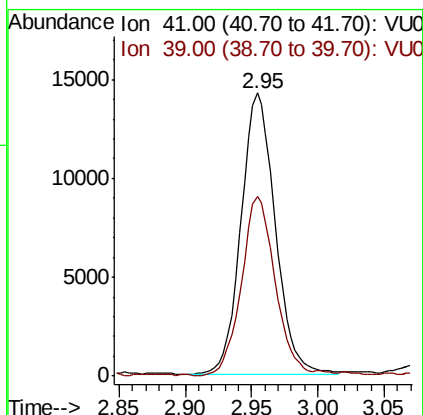
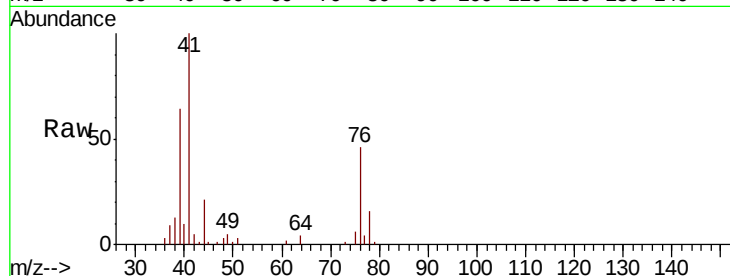




#11
Allvl Chloride
Concen: 1.976 ug/l
RT: 2.95 min Scan# 502
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

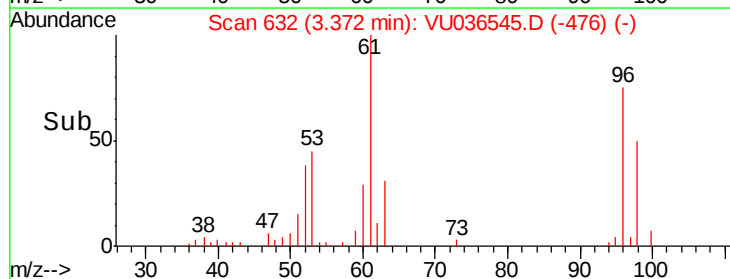
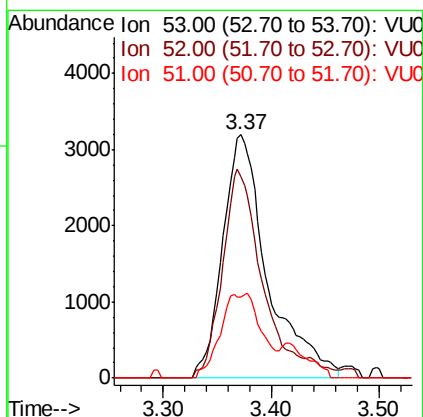
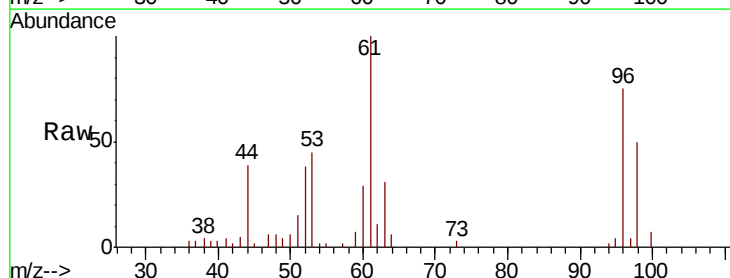
Instrument :
MSVOA_U
ClientSampleId :

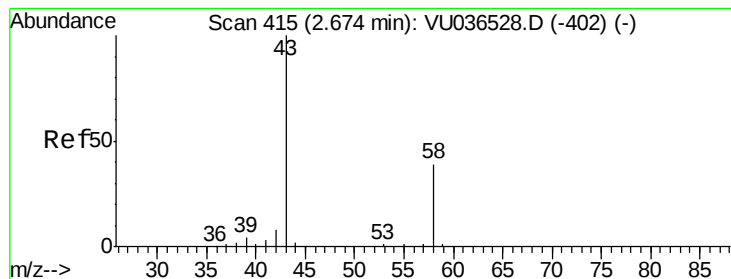
Tot Ion: 41 Resp: 25495
Ion Ratio Lower Upper
41 100
39 64.3 50.7 76.1



#12
Acrylonitrile
Concen: 4.050 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 53 Resp: 9270
Ion Ratio Lower Upper
53 100
52 78.1 64.6 97.0
51 14.4 27.2 40.8#





#13

Acetone

Concen: 9.495 ug/l

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

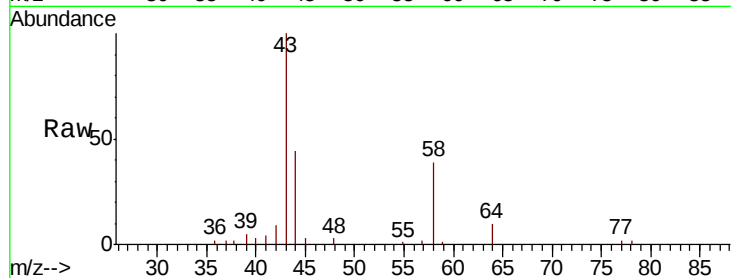
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 16455

Ion Ratio Lower Upper

43 100

58 40.3 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU036528.D (-402) (-)

Ion 58.00 (57.70 to 58.70): VU036528.D (-402) (-)

8000

6000

4000

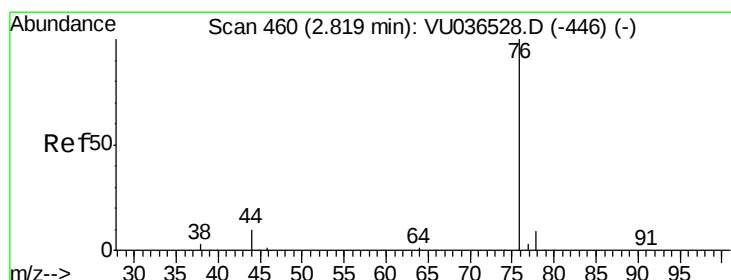
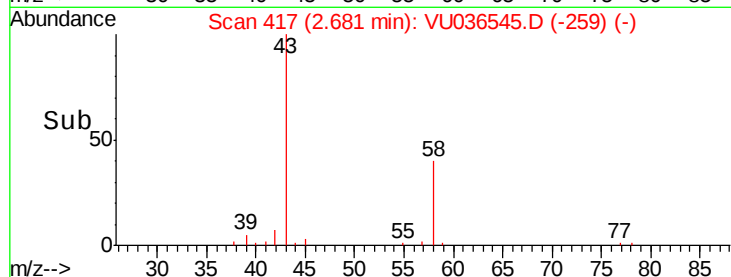
2000

0

Time-->

2.60 2.65 2.70 2.75 2.80

2.68



#14

Carbon Disulfide

Concen: 1.928 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036545.D

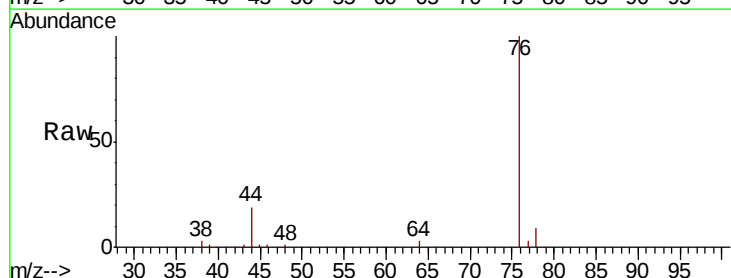
Acq: 23 Jan 2020 17:56

Tgt Ion: 76 Resp: 62295

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU036528.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036528.D (-446) (-)

40000

30000

20000

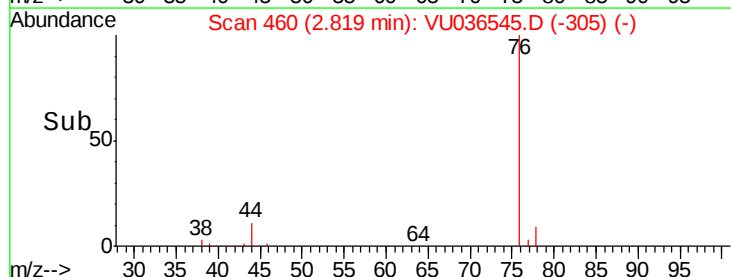
10000

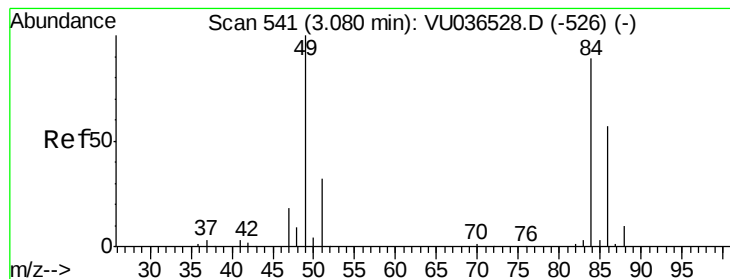
0

Time-->

2.75 2.80 2.85 2.90

2.82





#15

Methvlene Chloride

Concen: 2.248 ug/l

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 84 Resp: 27626

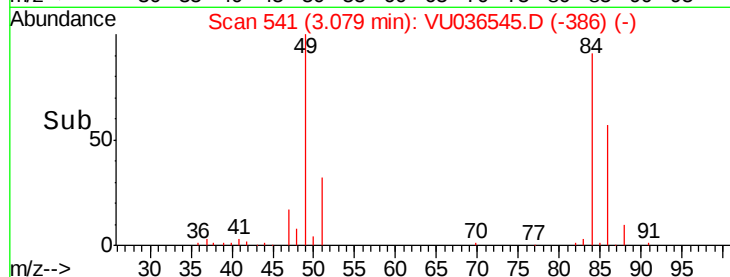
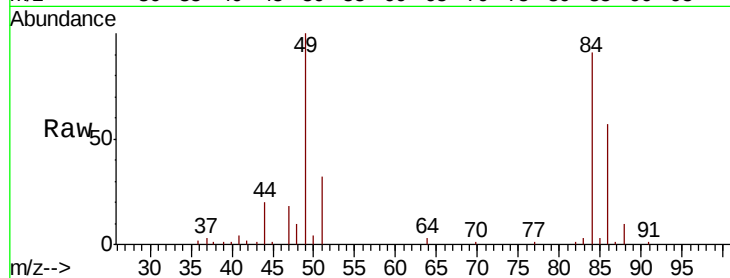
Ion Ratio Lower Upper

84 100

49 110.2 89.7 134.5

51 35.3 0.0 71.6

86 62.8 51.4 77.2



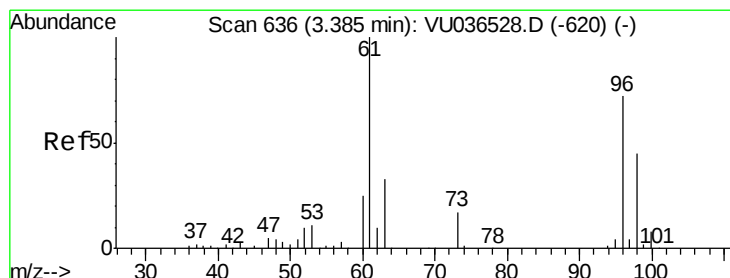
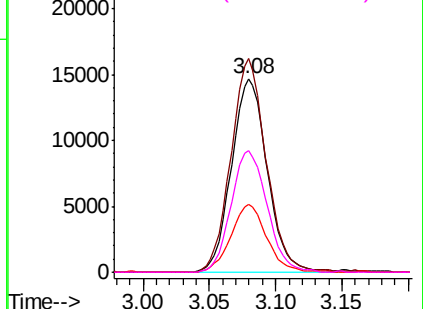
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 1.975 ug/l

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

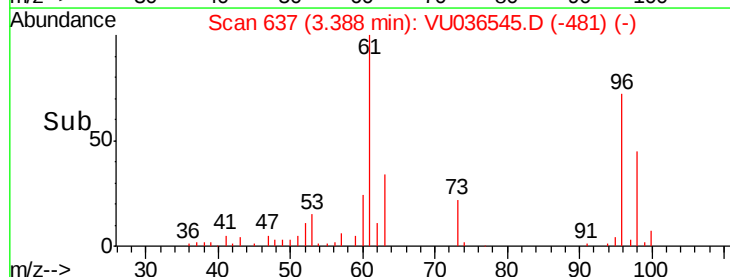
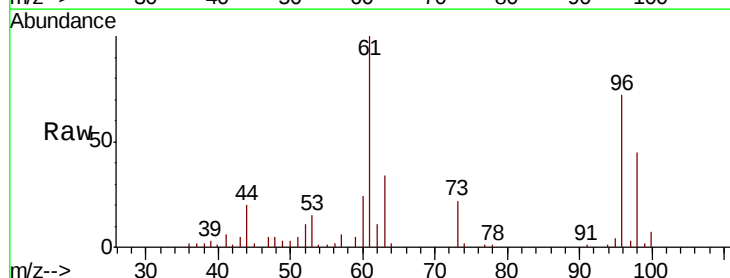
Tgt Ion: 96 Resp: 20328

Ion Ratio Lower Upper

96 100

61 139.3 110.8 166.2

98 63.1 50.3 75.5

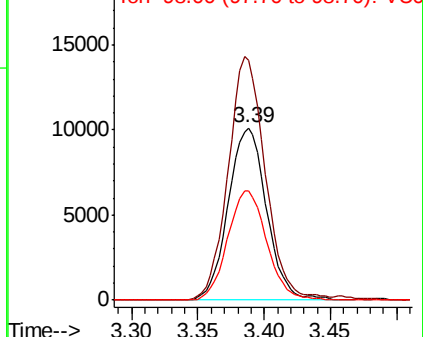


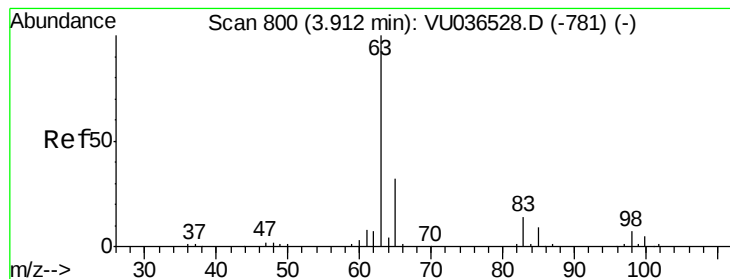
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 1.976 ug/l

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

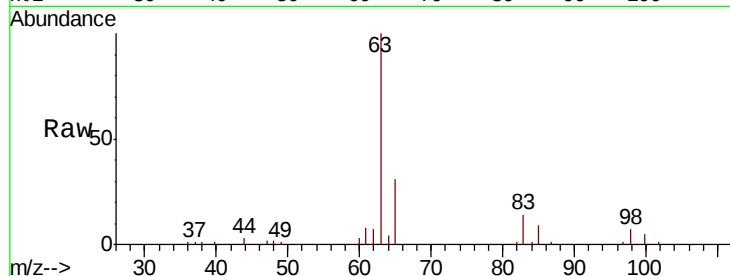
Tot Ion: 63 Resp: 33141

Ion Ratio Lower Upper

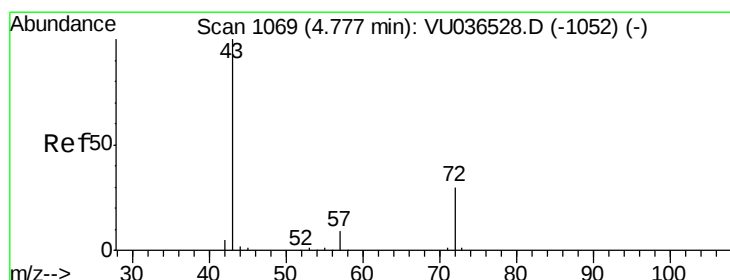
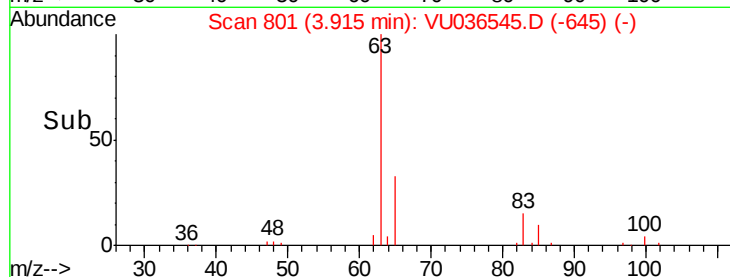
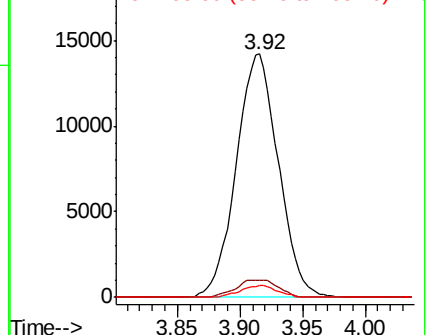
63 100

98 7.0 3.5 10.5

100 4.9 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#18

2-Butanone

Concen: 10.235 ug/l

RT: 4.78 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VU036545.D

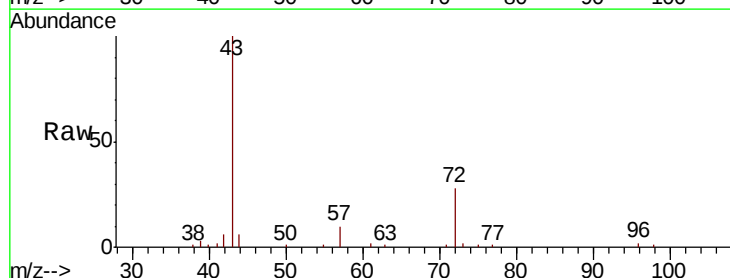
Acq: 23 Jan 2020 17:56

Tgt Ion: 43 Resp: 25151

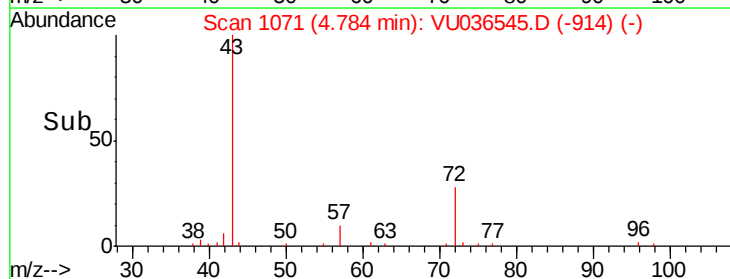
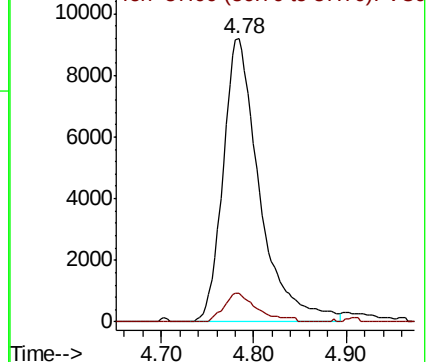
Ion Ratio Lower Upper

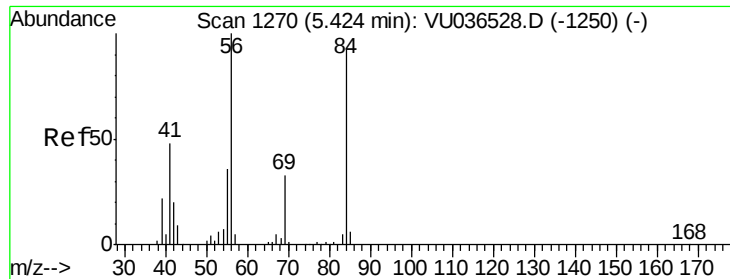
43 100

57 10.1 0.0 17.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

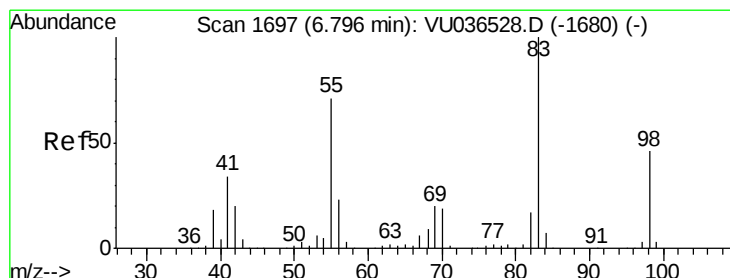
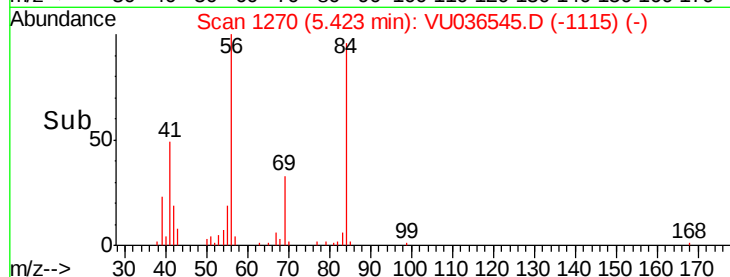
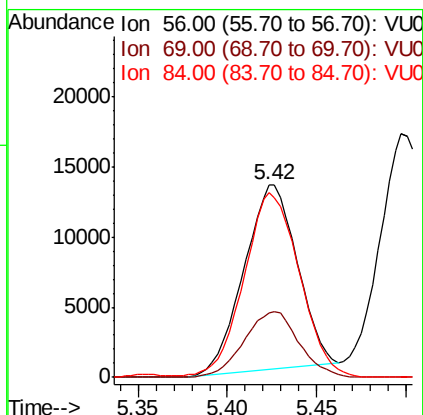
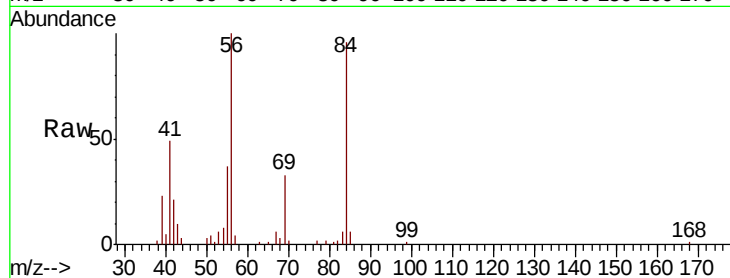




#19
Cyclohexane
Concen: 1.792 ug/l
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

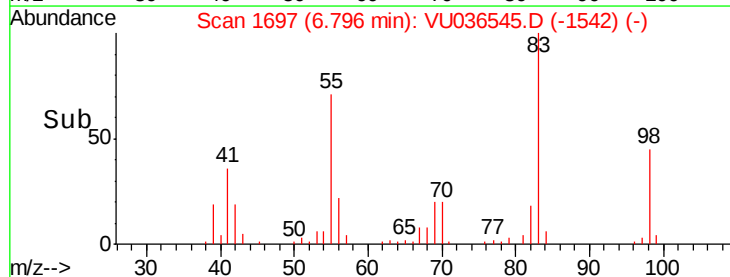
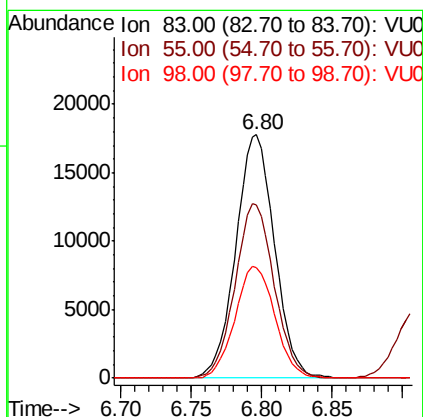
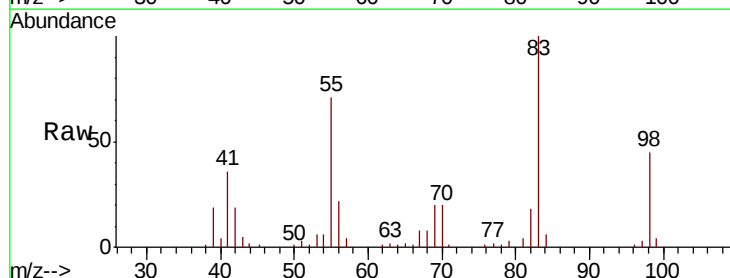
Instrument :
MSVOA_U
ClientSampleId :

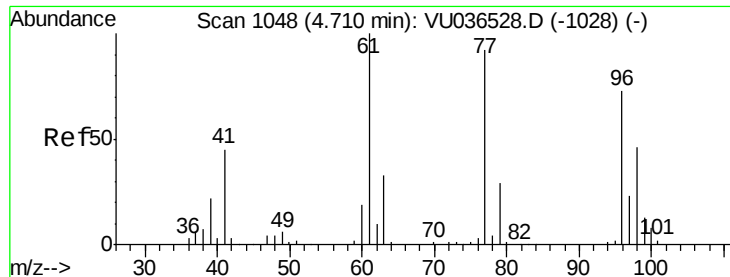
Tot Ion: 56 Resp: 27480
Ion Ratio Lower Upper
56 100
69 36.6 26.2 39.2
84 103.1 72.8 109.2



#20
Methylcyclohexane
Concen: 2.002 ug/l
RT: 6.80 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 83 Resp: 34276
Ion Ratio Lower Upper
83 100
55 72.0 56.6 85.0
98 47.0 37.5 56.3





#21

2,2-Dichloropropane

Concen: 1.986 ug/l

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

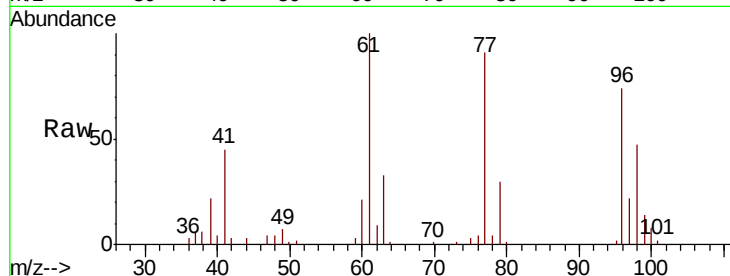
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 77 Resp: 28443

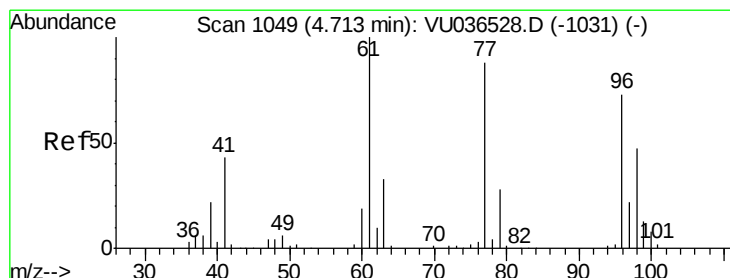
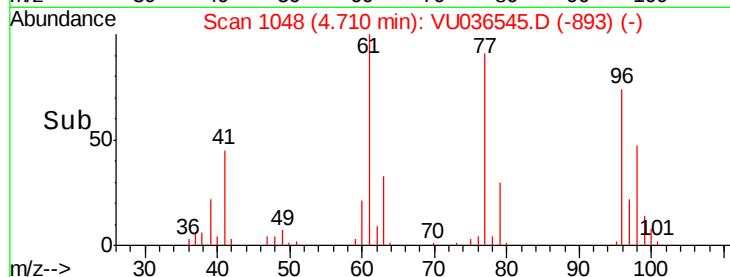
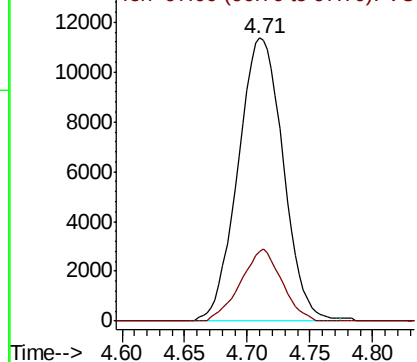
Ion Ratio Lower Upper

77 100

97 23.3 19.0 28.4



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.036 ug/l

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

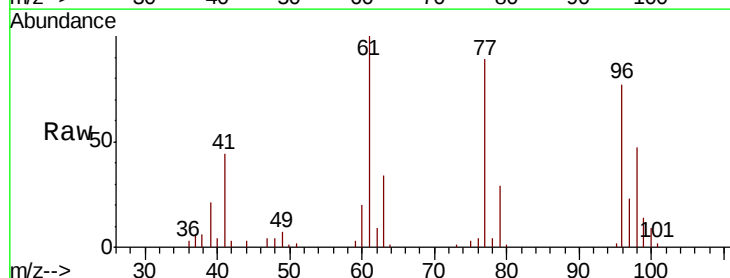
Tgt Ion: 96 Resp: 21742

Ion Ratio Lower Upper

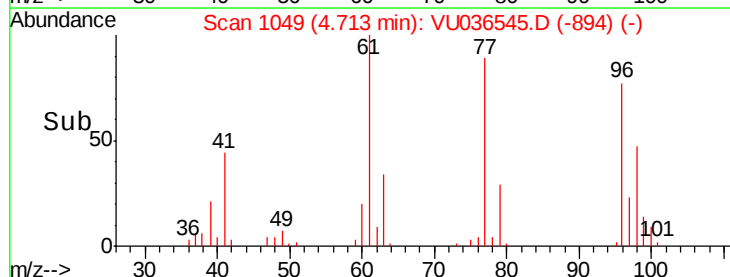
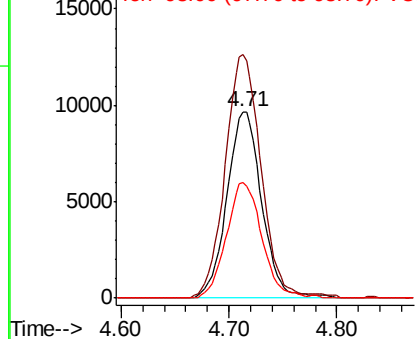
96 100

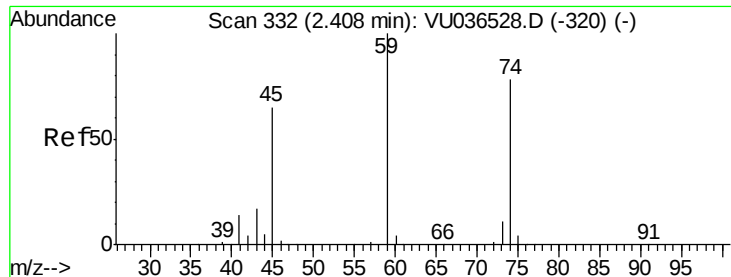
61 134.7 0.0 342.0

98 63.0 32.0 96.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

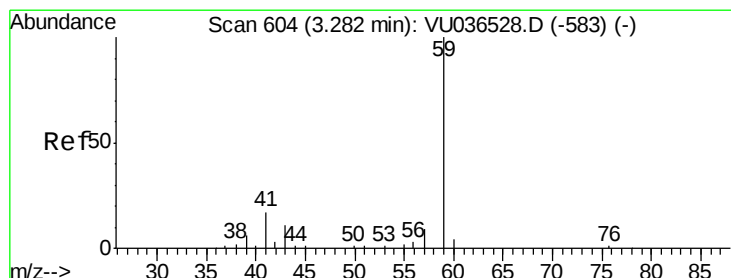
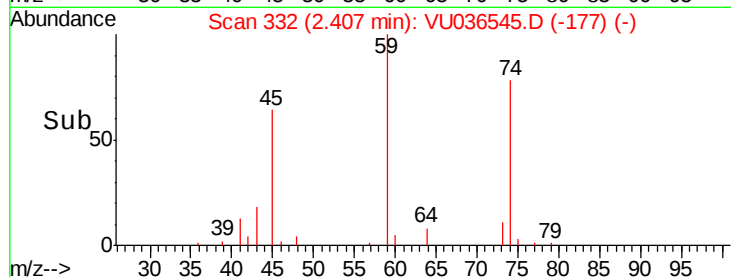
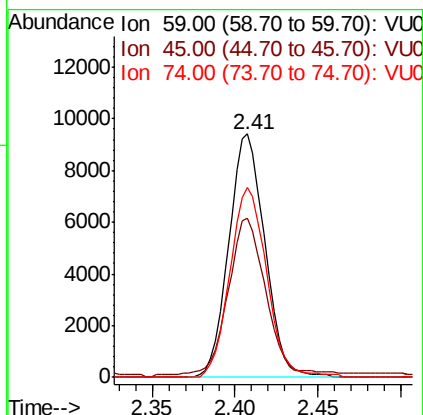
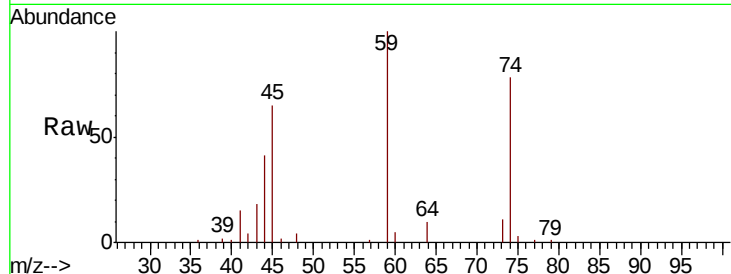




#23
Diethyl Ether
Concen: 1.978 ug/l
RT: 2.41 min Scan# 332
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

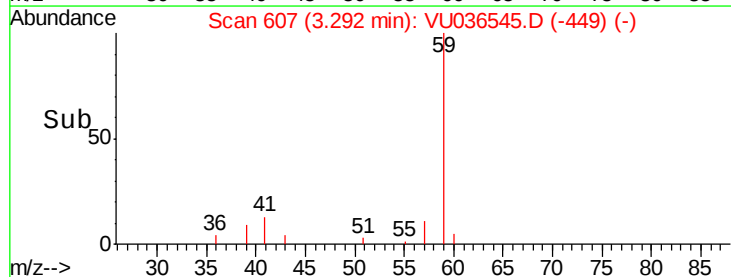
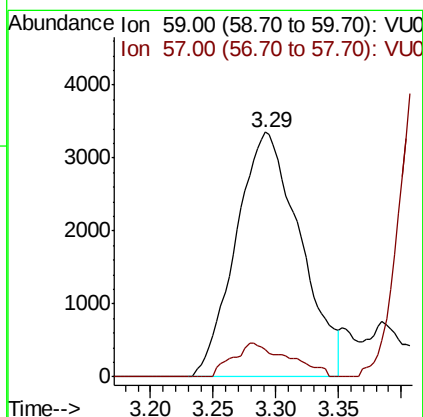
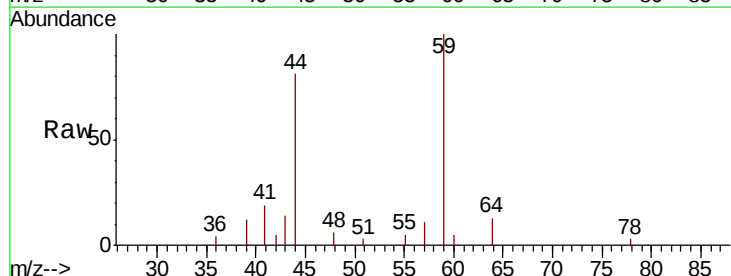
Instrument :
MSVOA_U
ClientSampleId :

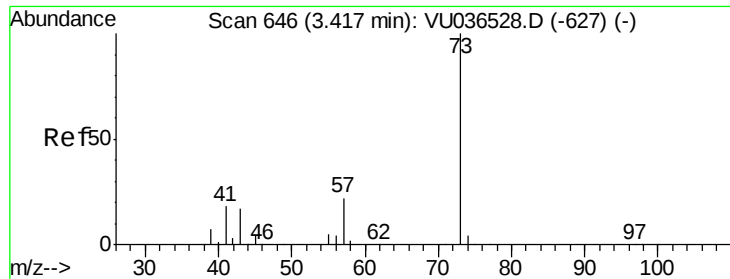
Tot Ion: 59 Resp: 14257
Ion Ratio Lower Upper
59 100
45 71.5 52.4 78.6
74 79.8 62.1 93.1



#24
tert-Butyl Alcohol
Concen: 18.512 ug/l
RT: 3.29 min Scan# 607
Delta R.T. 0.01 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 59 Resp: 11926
Ion Ratio Lower Upper
59 100
57 12.1 8.4 12.6



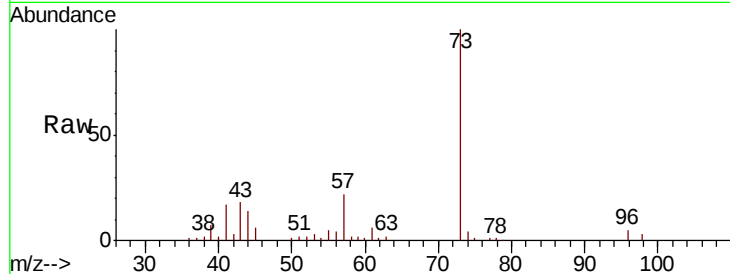


#25

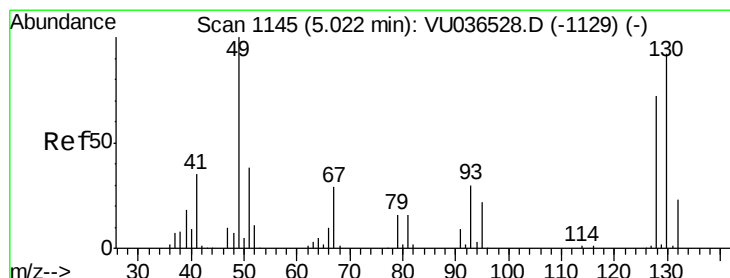
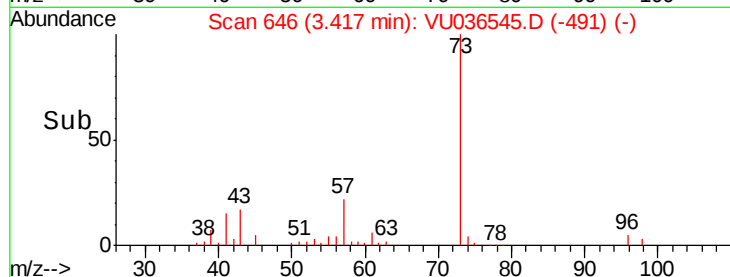
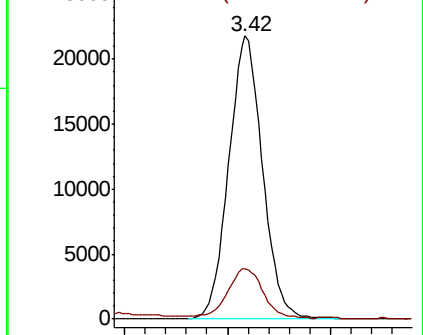
Methvl tert-Butvl Ether
 Concen: 2.031 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 73 Resp: 49666
 Ion Ratio Lower Upper
 73 100
 43 19.6 14.5 21.7



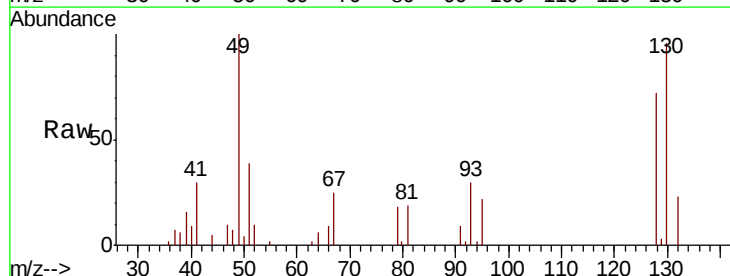
Abundance Ion 73.00 (72.70 to 73.70): VU036528.D (-627) (-)
 Ion 43.00 (42.70 to 43.70): VU036545.D (-990) (-)



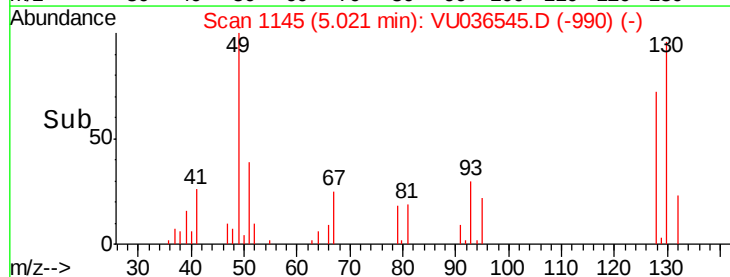
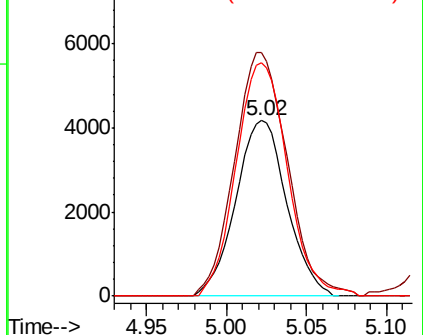
#26

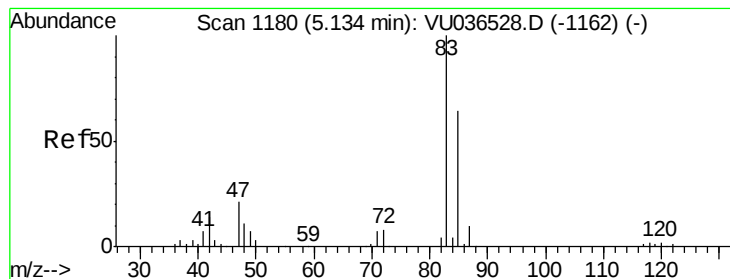
Bromochloromethane
 Concen: 1.970 ug/l
 RT: 5.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 128 Resp: 9111
 Ion Ratio Lower Upper
 128 100
 49 143.5 0.0 286.2
 130 134.2 104.3 156.5



Abundance Ion 128.00 (127.70 to 128.70): VU036528.D (-1129) (-)
 Ion 49.00 (48.70 to 49.70): VU036545.D (-990) (-)
 Ion 130.00 (129.70 to 130.70): VU036545.D (-990) (-)





#27

Chloroform

Concen: 2.026 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

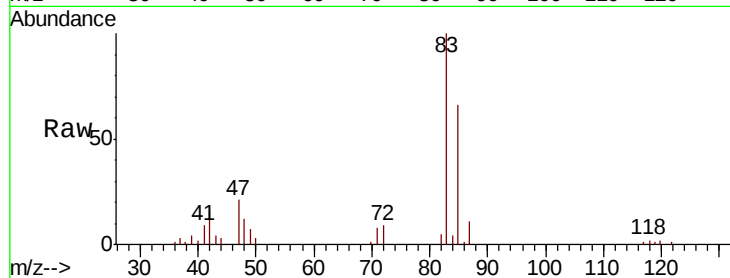
ClientSampled :

Tot Ion: 83 Resp: 33621

Ion Ratio Lower Upper

83 100

85 65.5 0.0 129.0



Abundance Ion 83.00 (82.70 to 83.70): VU036528.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036528.D (-1162) (-)

5.13

15000

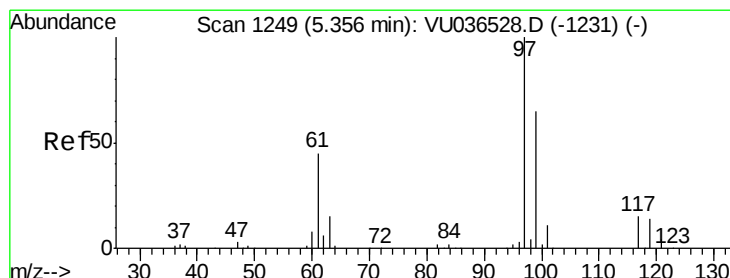
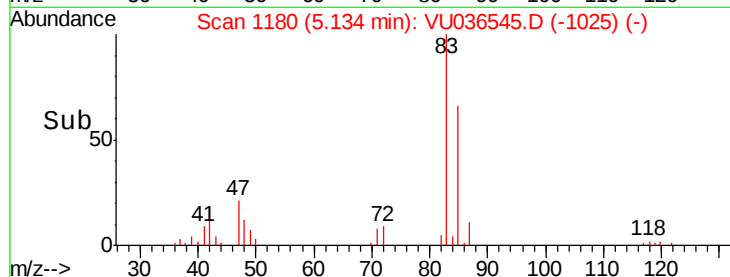
10000

5000

0

Time-->

5.05 5.10 5.15 5.20



#28

1,1,1-Trichloroethane

Concen: 2.031 ug/l

RT: 5.36 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

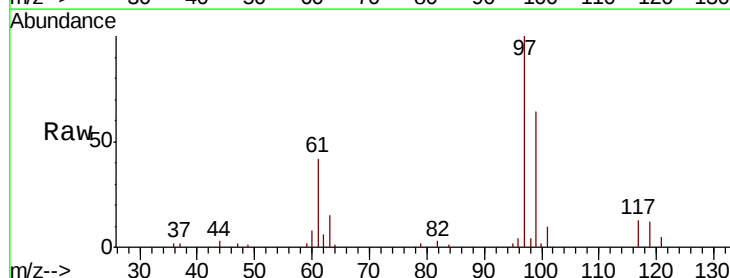
Tgt Ion: 97 Resp: 28252

Ion Ratio Lower Upper

97 100

99 62.7 32.1 96.3

61 43.9 22.7 68.0



Abundance Ion 97.00 (96.70 to 97.70): VU036528.D (-1231) (-)

Ion 99.00 (98.70 to 99.70): VU036528.D (-1231) (-)

Ion 61.00 (60.70 to 61.70): VU036528.D (-1231) (-)

5.36

15000

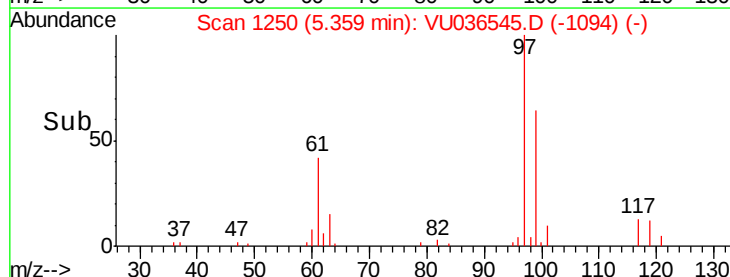
10000

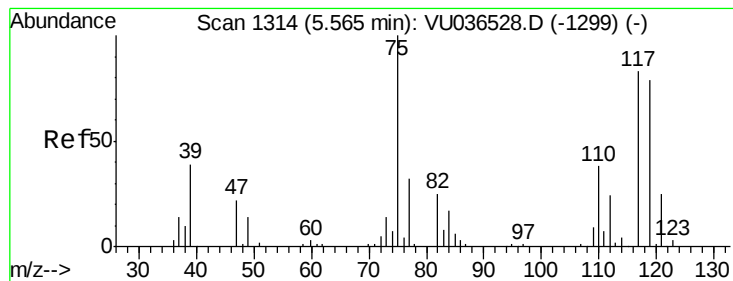
5000

0

Time-->

5.30 5.35 5.40





#29

1,1-Dichloropropene

Concen: 1.990 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

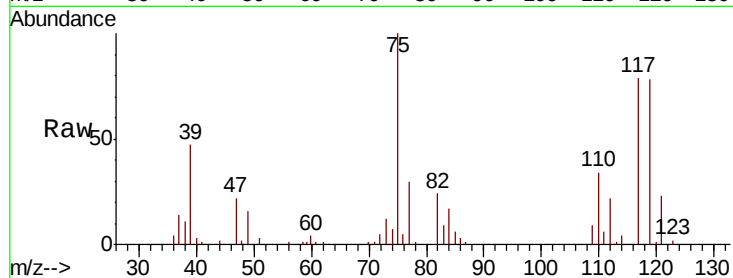
Tot Ion: 75 Resp: 27025

Ion Ratio Lower Upper

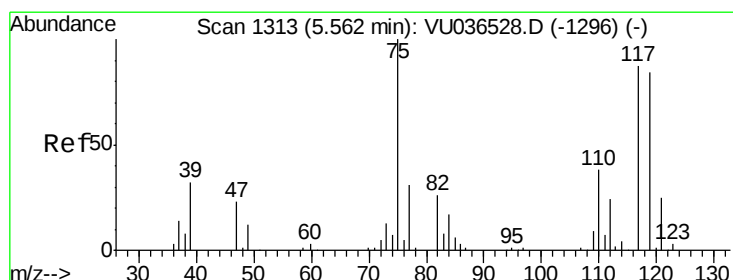
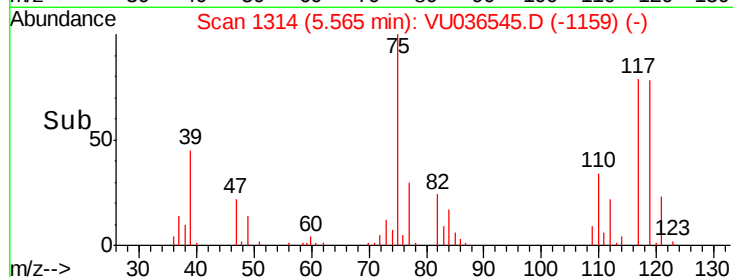
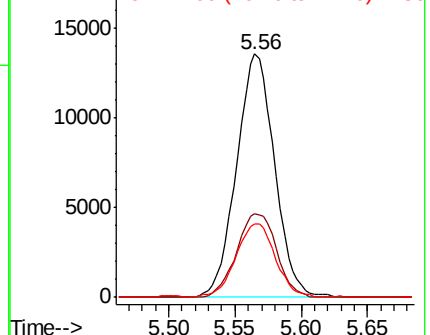
75 100

110 36.1 18.6 55.8

77 31.4 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036528.D (-1299) (-)
Ion 110.00 (109.70 to 110.70): VU036528.D (-1299) (-)
Ion 77.00 (76.70 to 77.70): VU036528.D (-1299) (-)



#30

Carbon Tetrachloride

Concen: 1.984 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

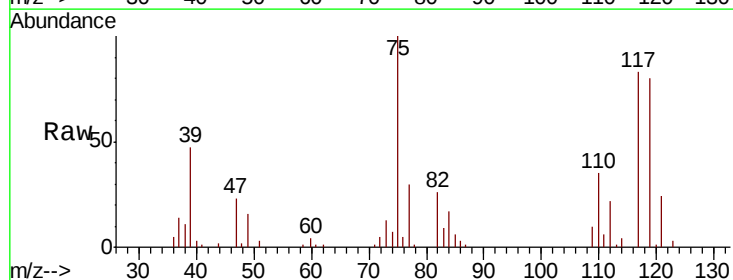
Tgt Ion: 117 Resp: 23636

Ion Ratio Lower Upper

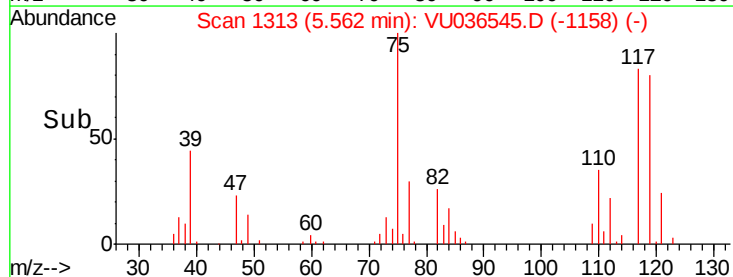
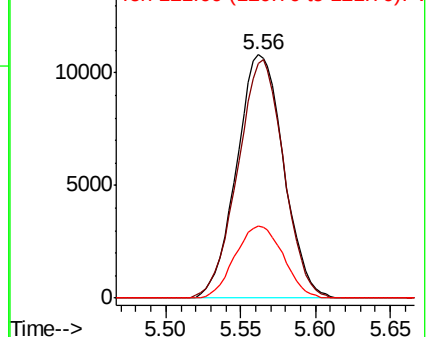
117 100

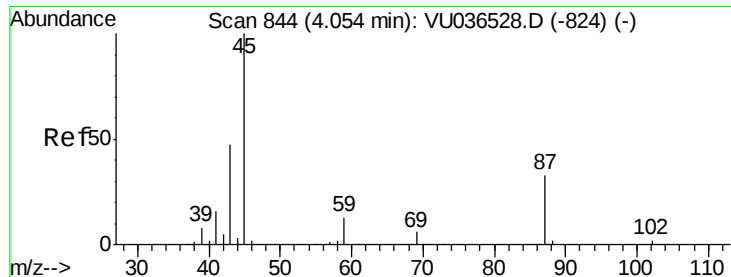
119 96.3 77.0 115.6

121 29.4 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): VU036528.D (-1296) (-)
Ion 119.00 (118.70 to 119.70): VU036528.D (-1296) (-)
Ion 121.00 (120.70 to 121.70): VU036528.D (-1296) (-)





#31

Isopropyl Ether

Concen: 1.991 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

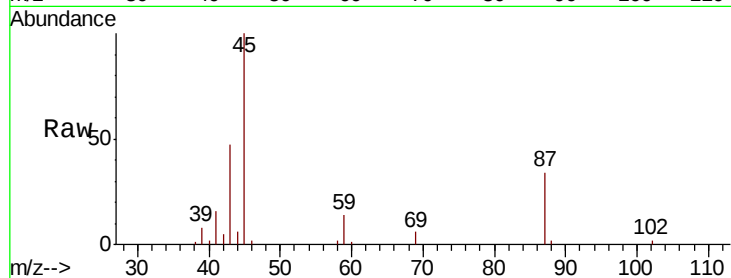
ClientSampled :

Tot Ion: 45 Resp: 50703

Ion Ratio Lower Upper

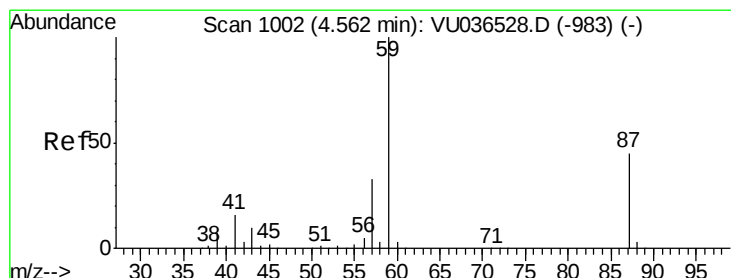
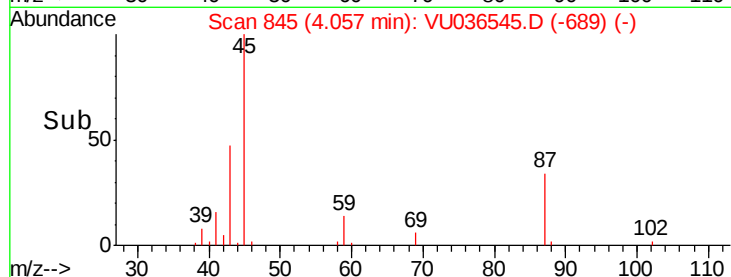
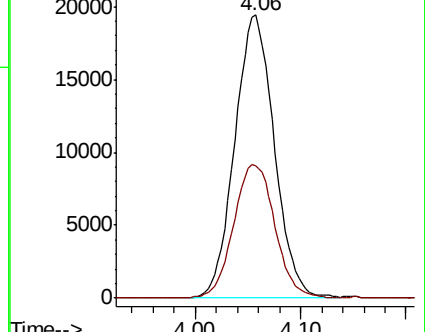
45 100

43 49.1 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU036528.D (-824) (-)

Ion 43.00 (42.70 to 43.70): VU036528.D (-824) (-)



#32

Ethyl-t-butyl ether

Concen: 2.011 ug/l

RT: 4.56 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036545.D

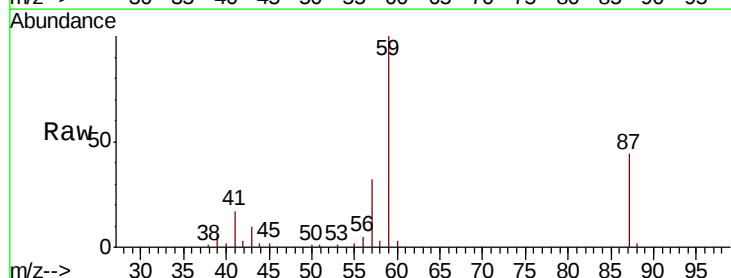
Acq: 23 Jan 2020 17:56

Tgt Ion: 59 Resp: 53584

Ion Ratio Lower Upper

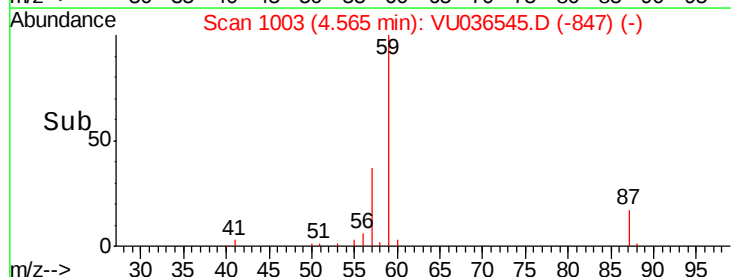
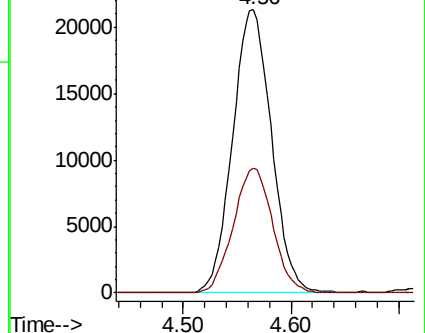
59 100

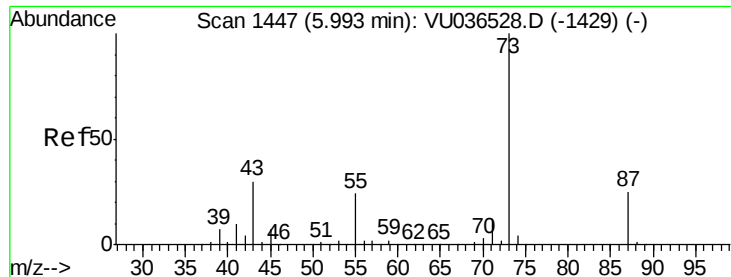
87 44.5 35.1 52.7



Abundance Ion 59.00 (58.70 to 59.70): VU036528.D (-983) (-)

Ion 87.00 (86.70 to 87.70): VU036528.D (-983) (-)

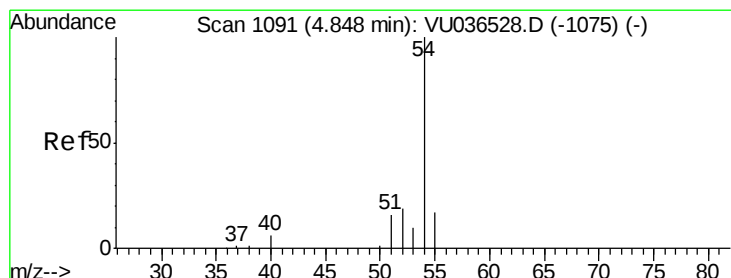
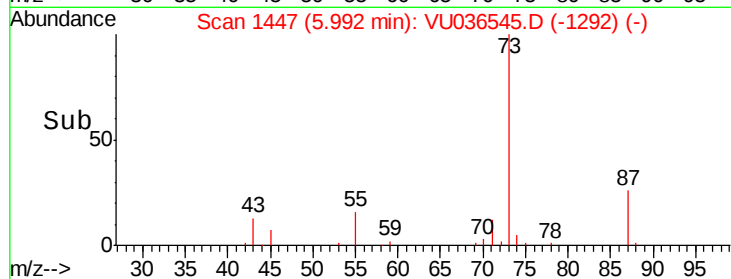
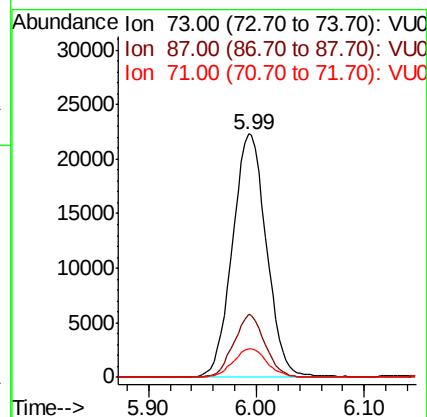
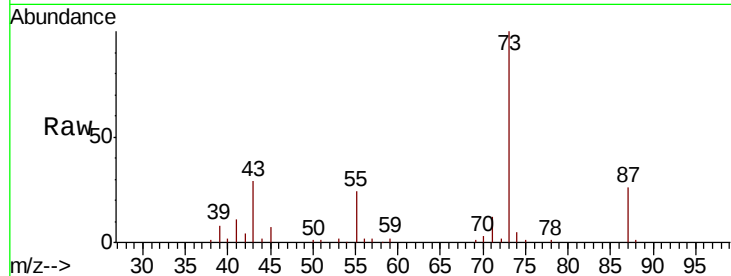




#33
Tert-Butyl methyl ether
Concen: 2.011 ug/l
RT: 5.99 min Scan# 1447
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

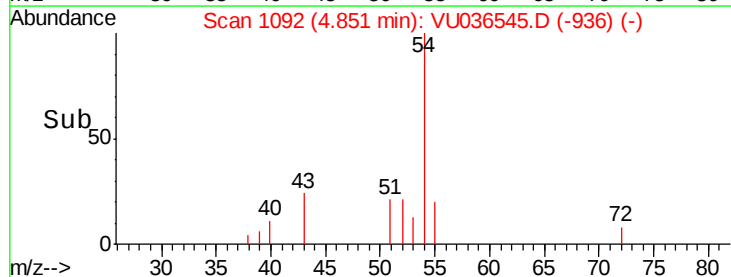
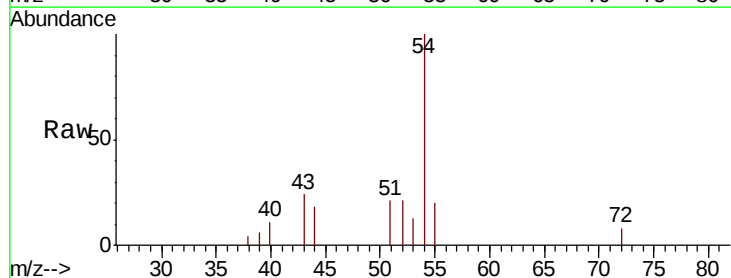
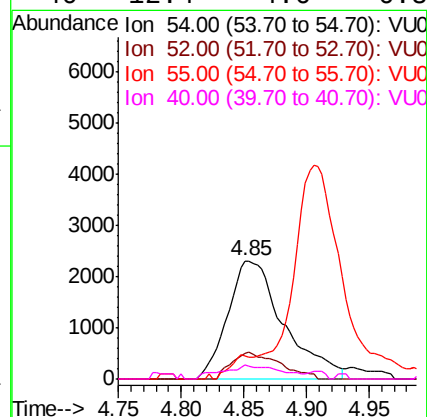
Instrument :
MSVOA_U
ClientSampled :

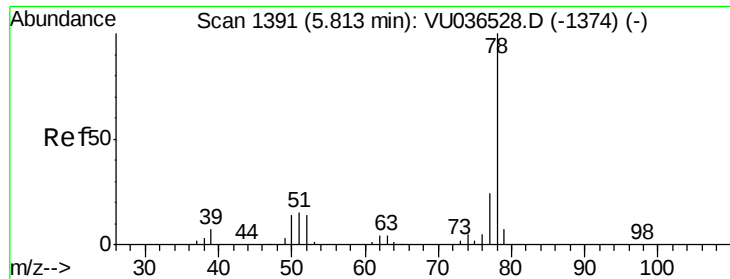
Tot Ion: 73 Resp: 49064
Ion Ratio Lower Upper
73 100
87 23.5 19.8 29.6
71 11.6 9.1 13.7



#34
Propionitrile
Concen: 10.099 ug/l
RT: 4.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 54 Resp: 7153
Ion Ratio Lower Upper
54 100
52 19.6 15.2 22.8
55 8.0 9.5 14.3#
40 12.4 4.6 6.8#

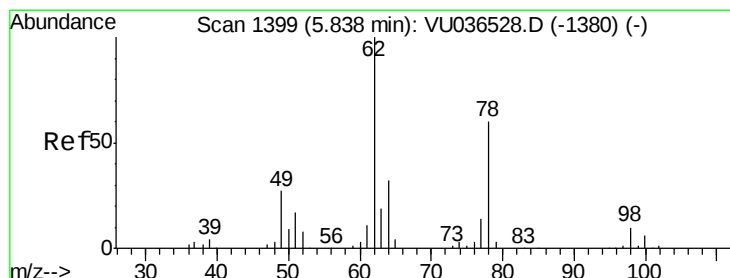
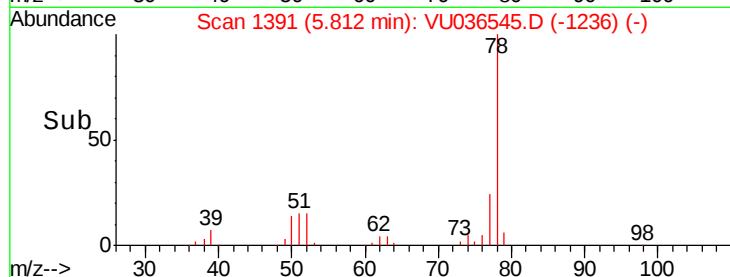
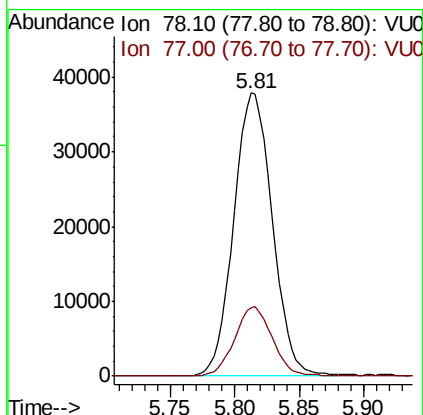
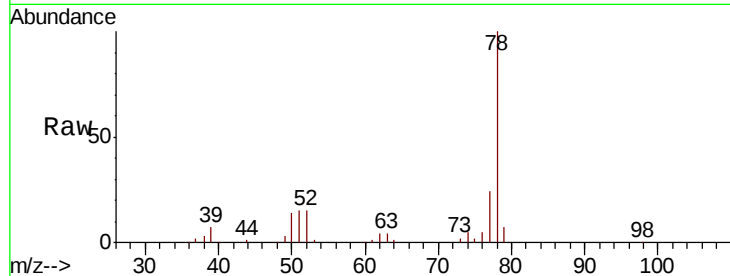




#35
Benzene
Concen: 2.008 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

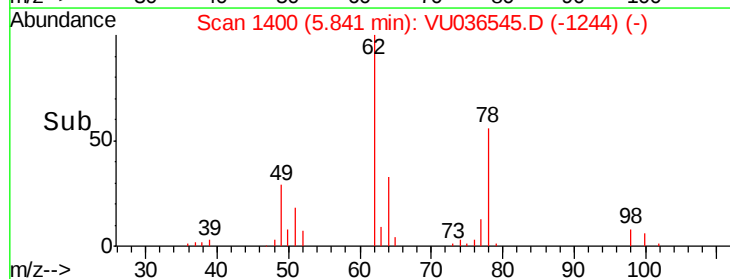
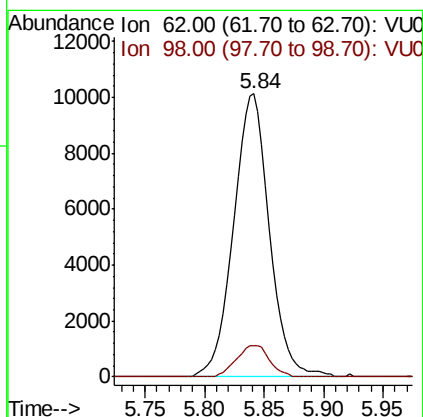
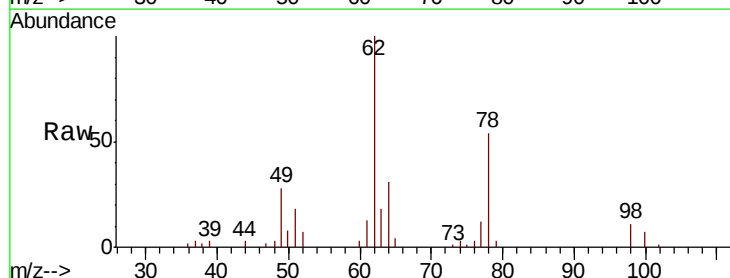
Instrument :
MSVOA_U
ClientSampleId :

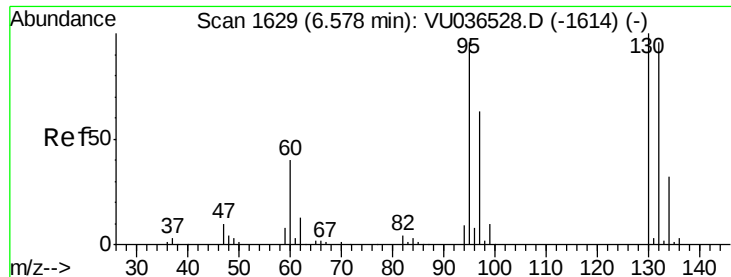
Tot Ion: 78 Resp: 78966
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



#36
1,2-Dichloroethane
Concen: 1.996 ug/l
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 62 Resp: 21127
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8

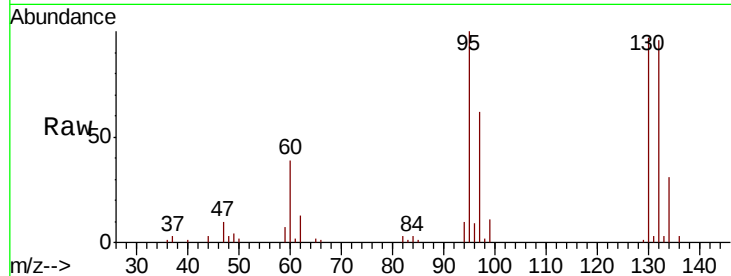




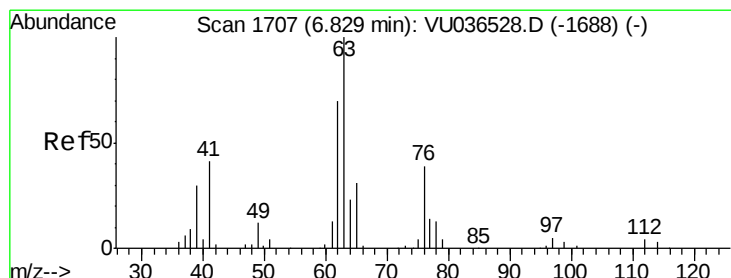
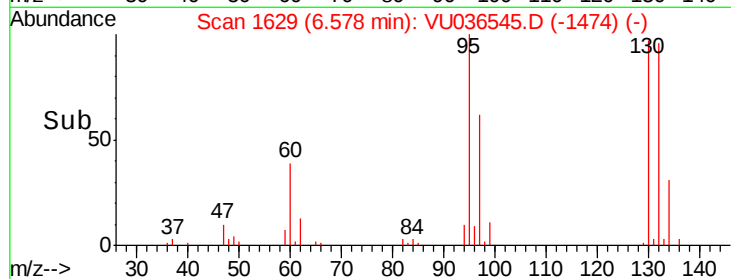
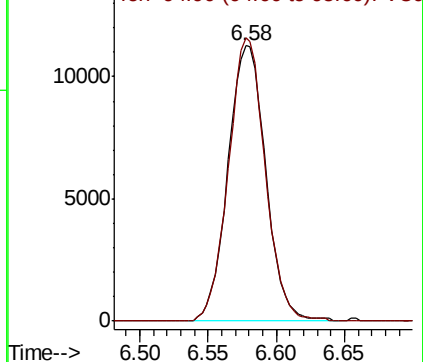
#37
 Trichloroethene
 Concen: 1.999 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 21705
 Ion Ratio Lower Upper
 130 100
 95 102.8 77.0 115.4

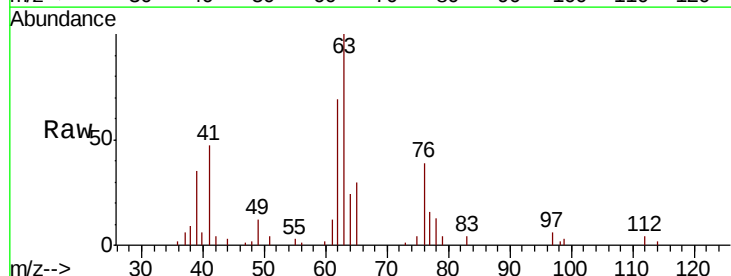


Abundance Ion 129.90 (129.60 to 130.60): VU036528.D (-1614) (-)
 Ion 94.90 (94.60 to 95.60): VU036528.D (-1614) (-)

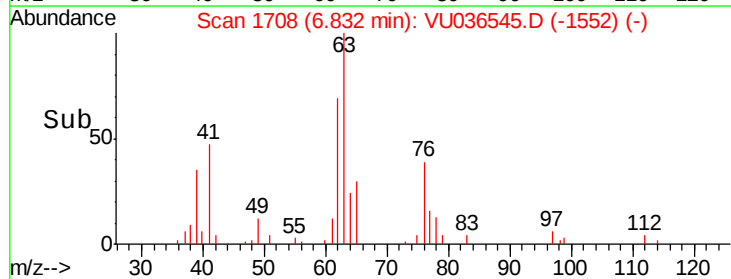
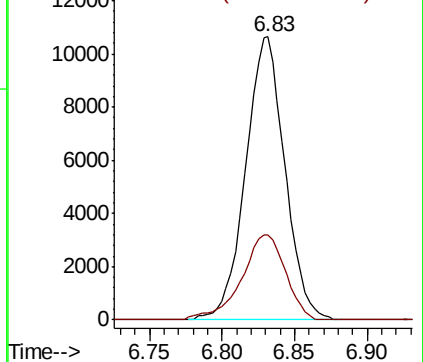


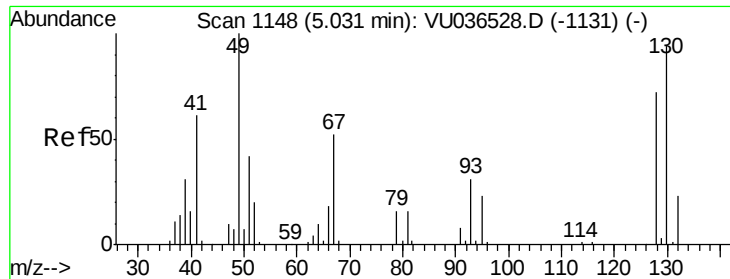
#38
 1,2-Dichloropropane
 Concen: 2.026 ug/l
 RT: 6.83 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 63 Resp: 20027
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU036528.D (-1688) (-)
 Ion 65.00 (64.70 to 65.70): VU036528.D (-1688) (-)

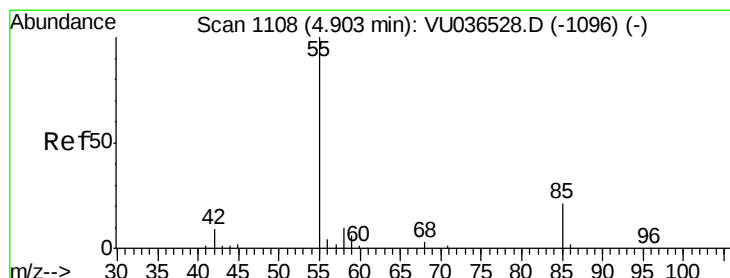
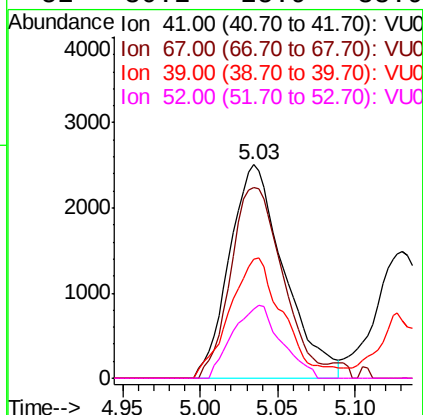
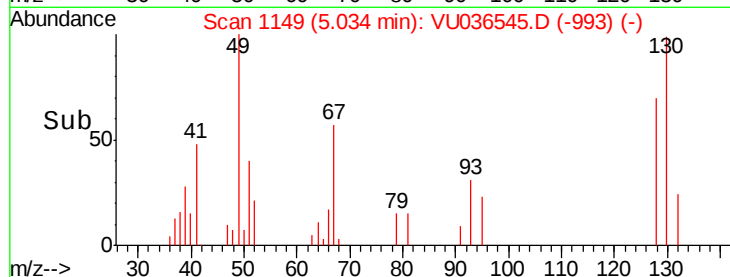
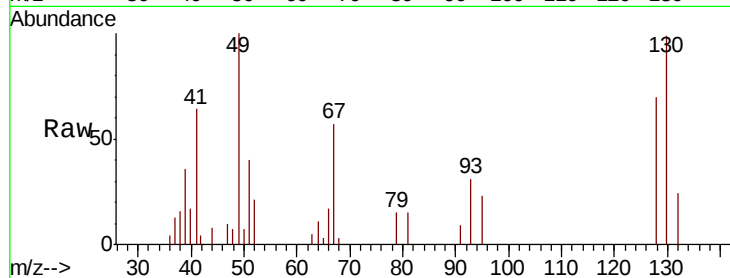




#39
Methacrylonitrile
Concen: 2.066 ug/l
RT: 5.03 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

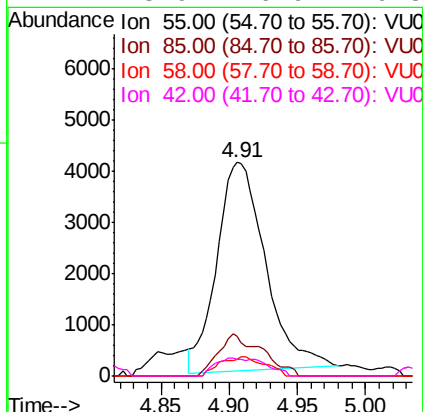
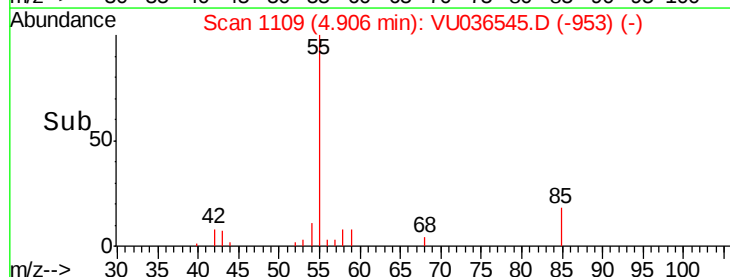
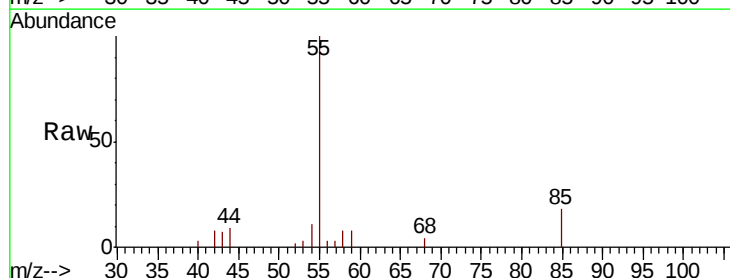
Instrument :
MSVOA_U
ClientSampled :

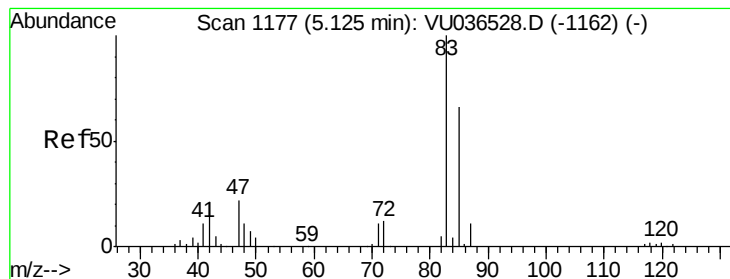
Tot Ion: 41 Resp: 6149
Ion Ratio Lower Upper
41 100
67 85.2 69.6 104.4
39 55.8 41.6 62.4
52 30.2 25.9 38.9



#40
Methyl acrylate
Concen: 2.137 ug/l
RT: 4.91 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 55 Resp: 10083
Ion Ratio Lower Upper
55 100
85 18.1 14.7 22.1
58 8.5 7.1 10.7
42 8.9 6.9 10.3





#41

Tetrahydrofuran

Concen: 3.984 ug/l

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

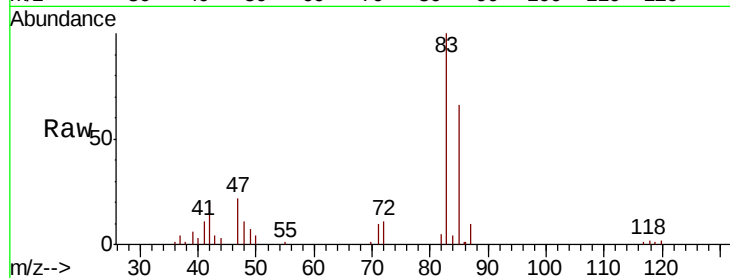
Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 42 Resp: 6462

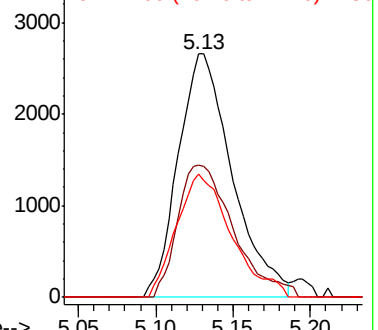
Ion	Ratio	Lower	Upper
42	100		
72	56.0	42.5	63.7
71	51.4	37.3	55.9



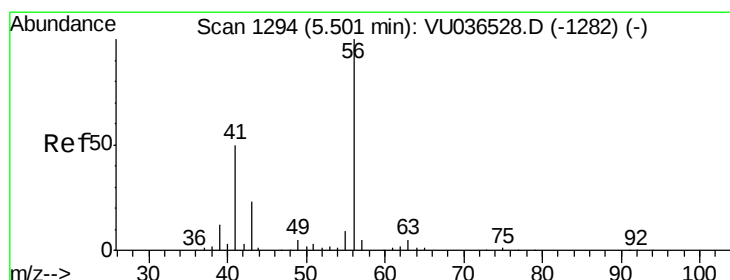
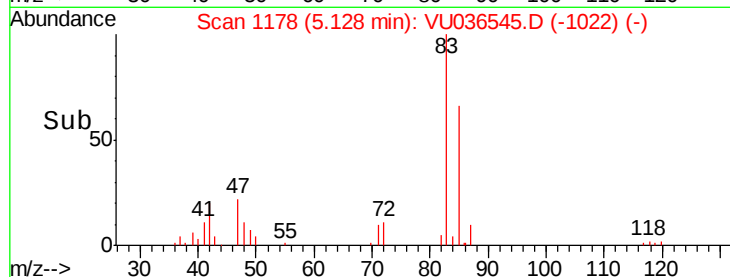
Abundance Ion 42.00 (41.70 to 42.70): VU036528.D (-1162) (-)

Ion 72.00 (71.70 to 72.70): VU036528.D (-1162) (-)

Ion 71.00 (70.70 to 71.70): VU036528.D (-1162) (-)



Time-->



#42

1-Chlorobutane

Concen: 1.997 ug/l

RT: 5.50 min Scan# 1293

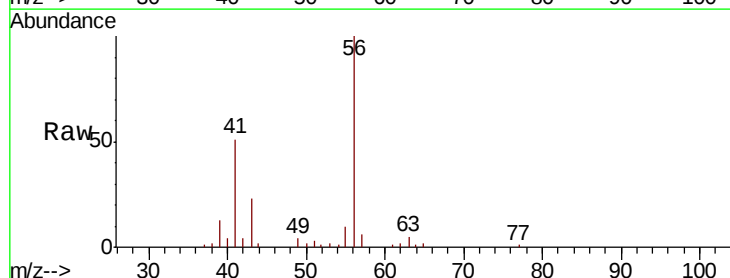
Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

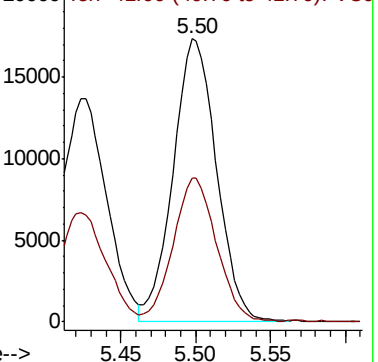
Tgt Ion: 56 Resp: 35140

Ion	Ratio	Lower	Upper
56	100		
41	51.0	24.8	74.3

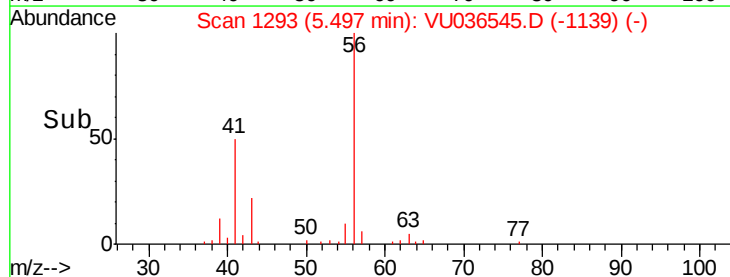


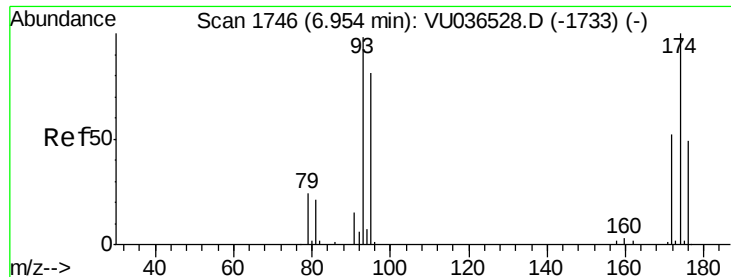
Abundance Ion 56.00 (55.70 to 56.70): VU036528.D (-1282) (-)

Ion 41.00 (40.70 to 41.70): VU036528.D (-1282) (-)



Time-->

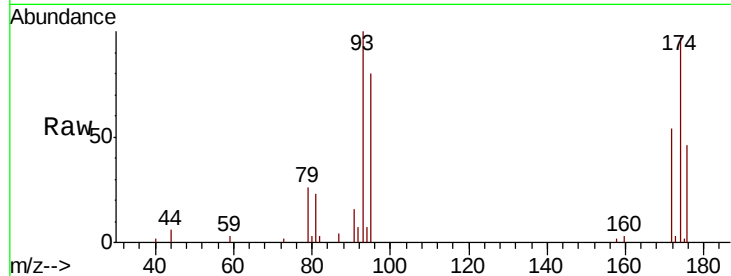




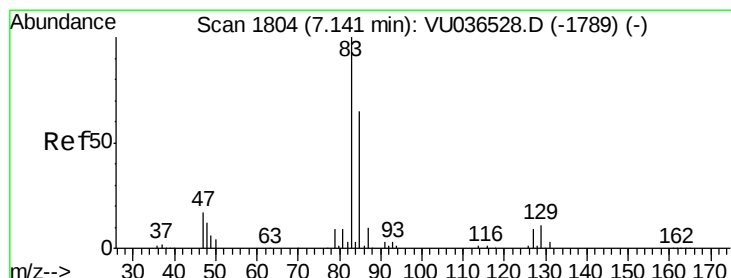
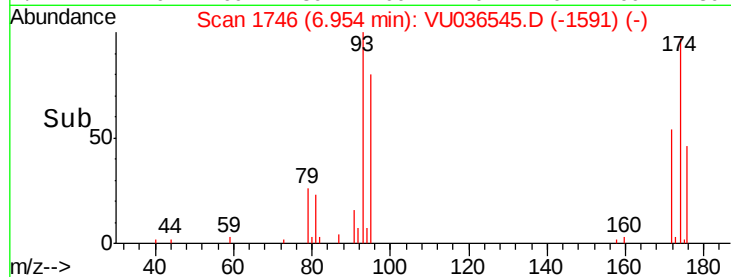
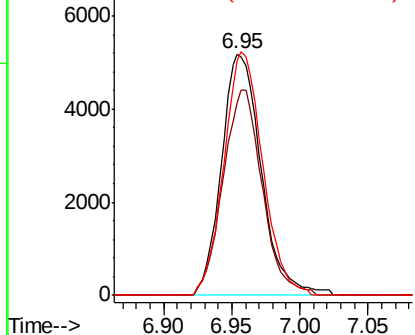
#43
Dibromomethane
Concen: 2.034 ug/l
RT: 6.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 93 Resp: 10494
Ion Ratio Lower Upper
93 100
95 83.5 67.9 101.9
174 98.4 83.4 125.0

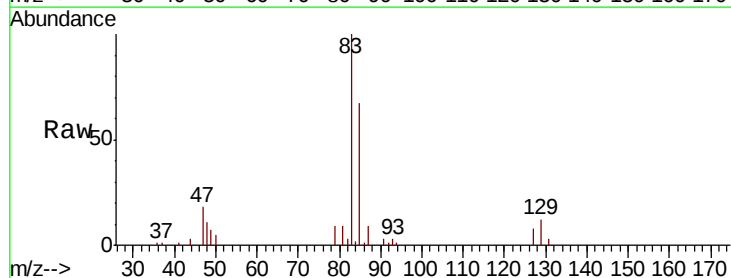


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

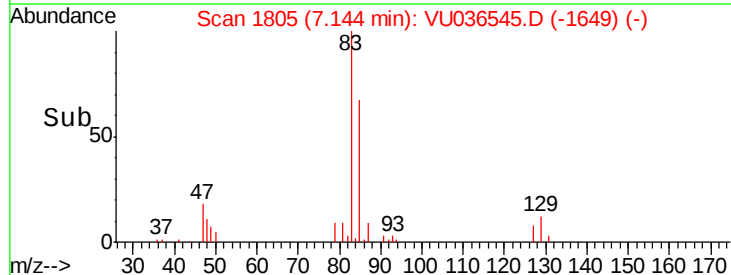
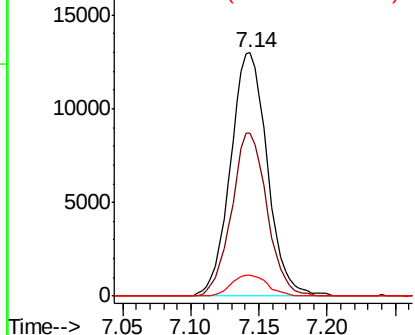


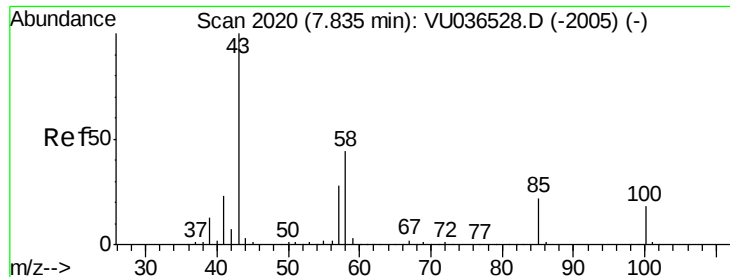
#44
Bromodichloromethane
Concen: 1.993 ug/l
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 83 Resp: 24329
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.6
127 8.5 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





#45

4-Methyl-2-Pentanone

Concen: 10.107 ug/l

RT: 7.84 min Scan# 2021

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

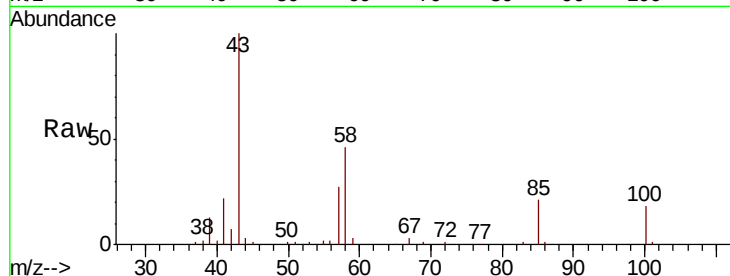
Tot Ion: 43 Resp: 58759

Ion Ratio Lower Upper

43 100

58 45.0 22.1 66.1

85 21.3 17.4 26.0

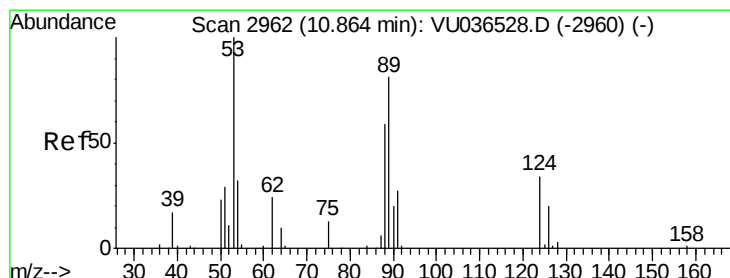
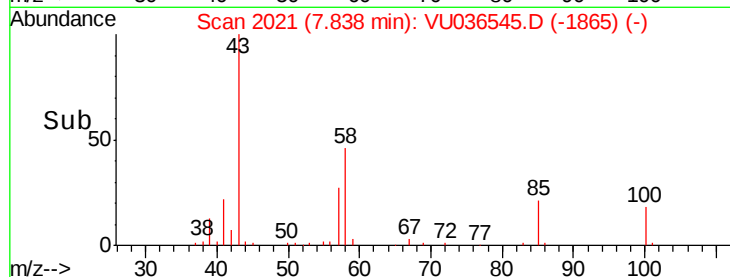
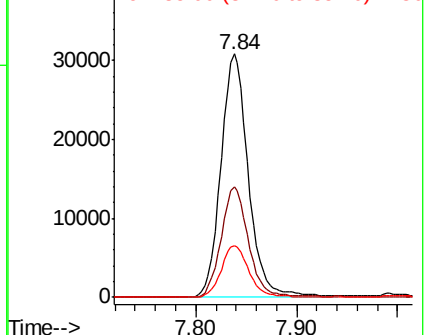


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 8.378 ug/l

RT: 10.85 min Scan# 2958

Delta R.T. -0.01 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion: 75 Resp: 21450

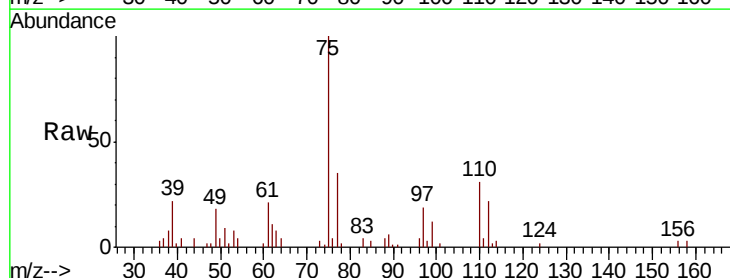
Ion Ratio Lower Upper

75 100

53 34.4 52.2 78.2#

89 23.8 39.8 59.6#

88 16.2 27.4 41.2#



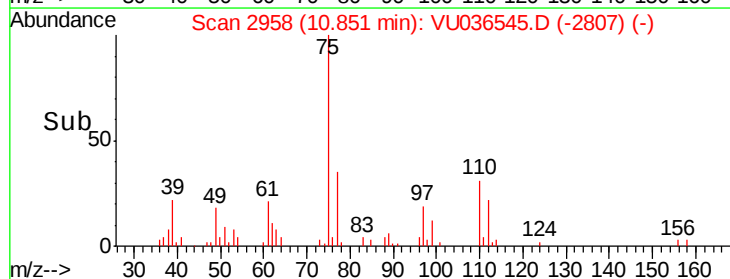
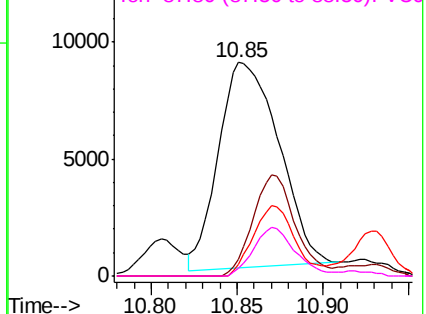
Abundance

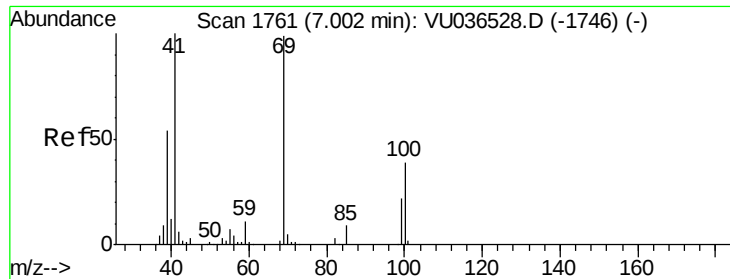
Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

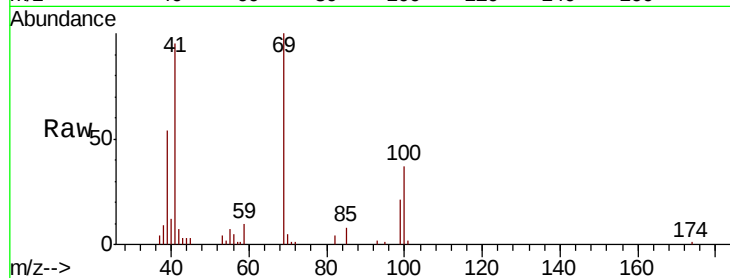




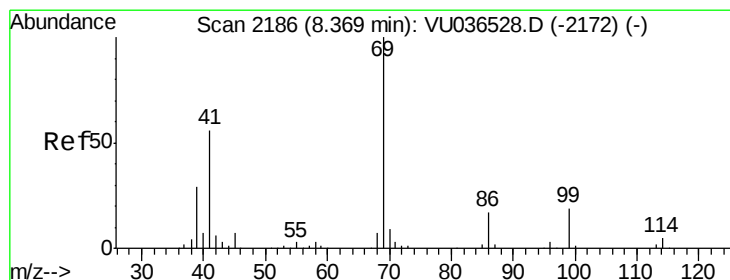
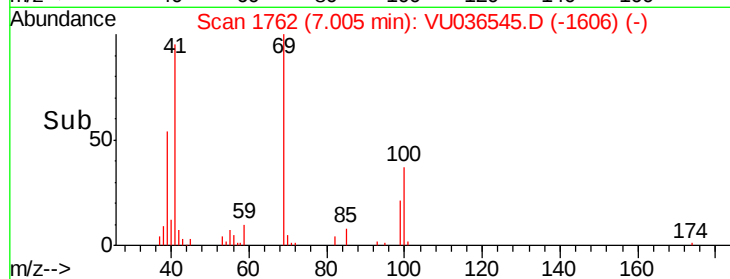
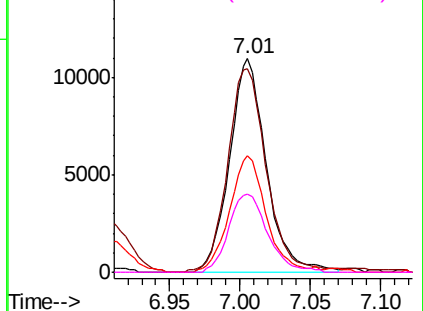
#47
Methyl methacrylate
Concen: 3.964 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 20044
Ion Ratio Lower Upper
69 100
41 102.1 0.0 200.8
39 53.6 43.5 65.3
100 38.6 31.1 46.7

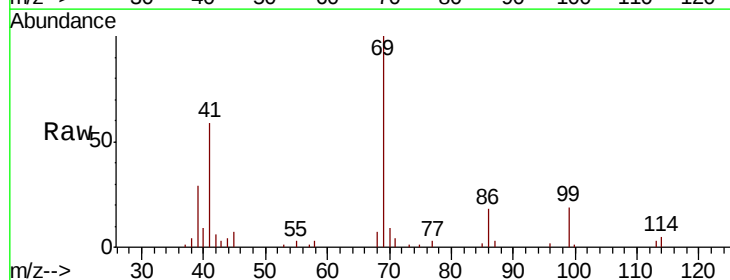


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

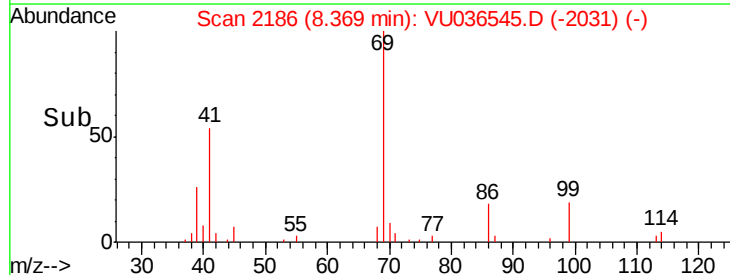
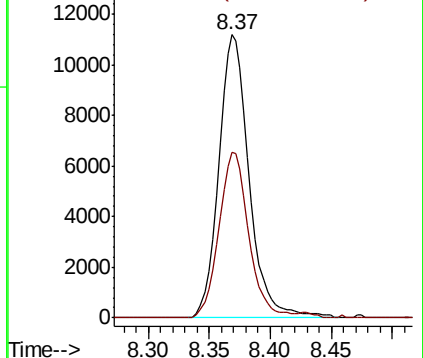


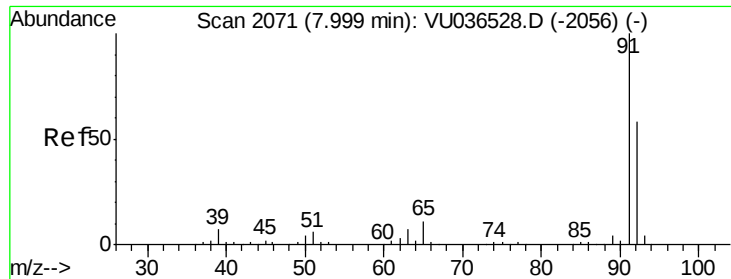
#48
Ethyl methacrylate
Concen: 1.997 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 69 Resp: 19503
Ion Ratio Lower Upper
69 100
41 57.6 27.9 83.6



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.999 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

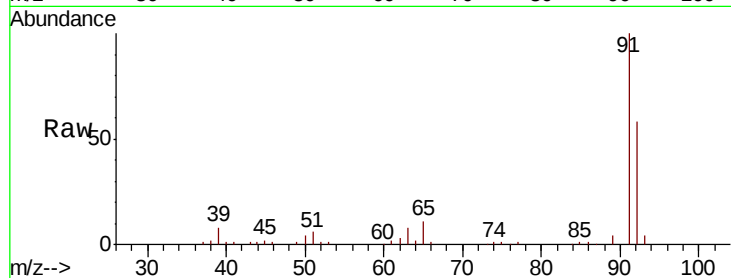
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 92 Resp: 50166

Ion Ratio Lower Upper

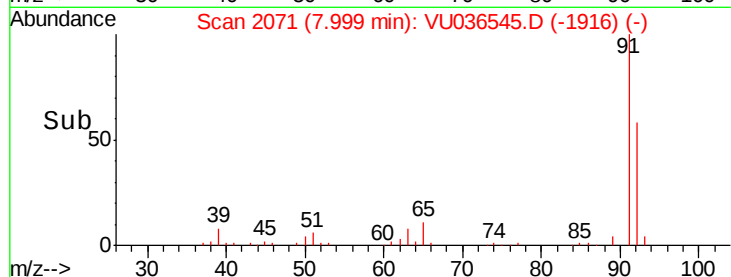
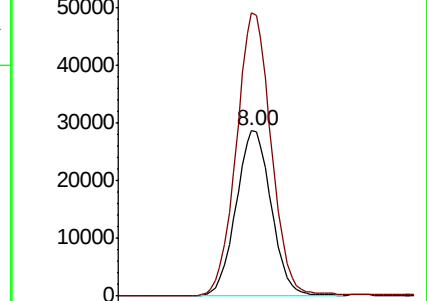
92 100

91 169.3 139.1 208.7

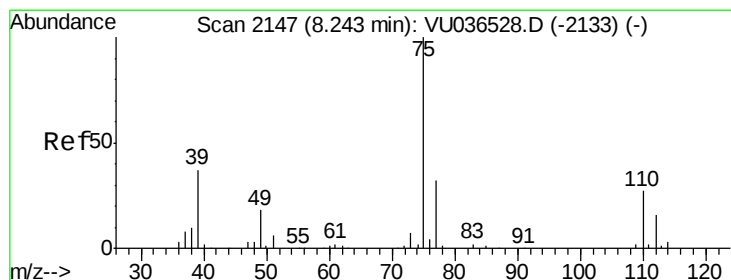


Abundance Ion 92.00 (91.70 to 92.70): VU036528.D (-2056) (-)

Ion 91.00 (90.70 to 91.70): VU036528.D (-2056) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 1.947 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU036545.D

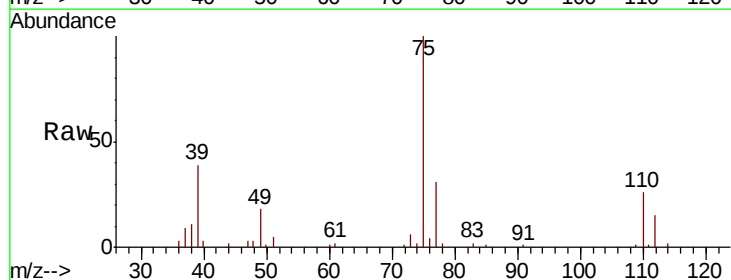
Acq: 23 Jan 2020 17:56

Tgt Ion: 75 Resp: 23683

Ion Ratio Lower Upper

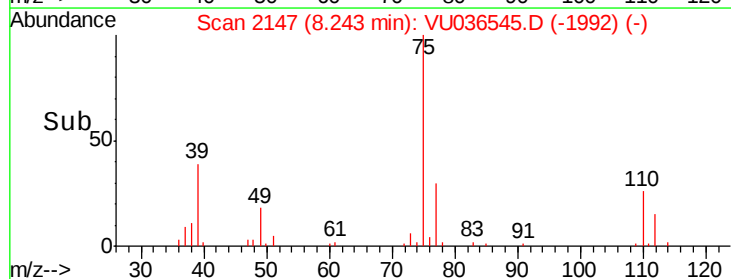
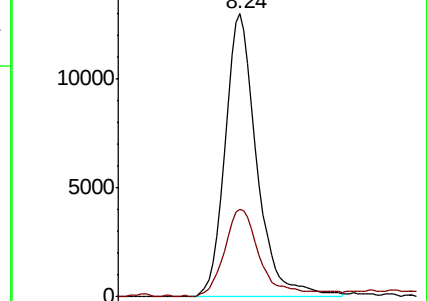
75 100

77 31.1 25.4 38.2

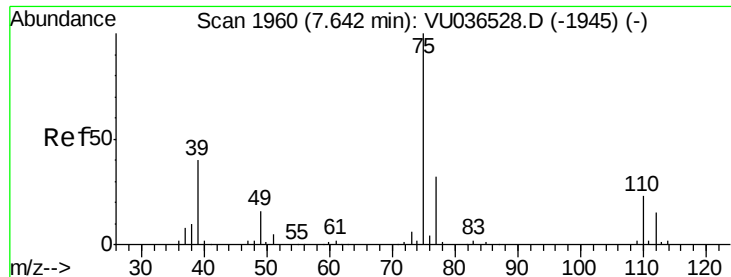


Abundance Ion 75.00 (74.70 to 75.70): VU036528.D (-2133) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-2133) (-)



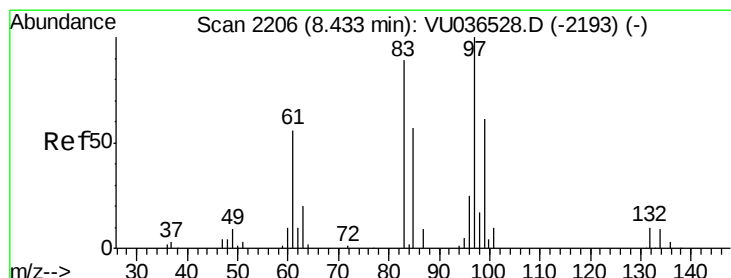
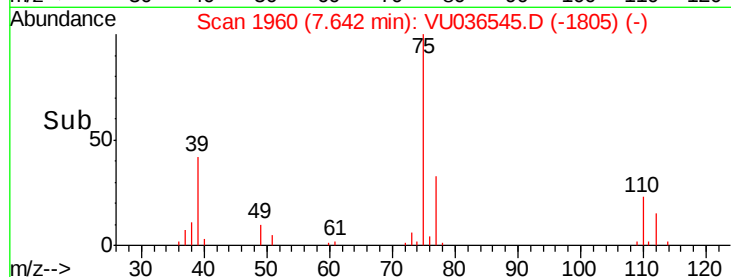
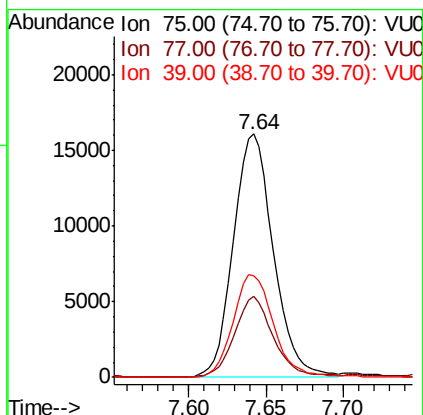
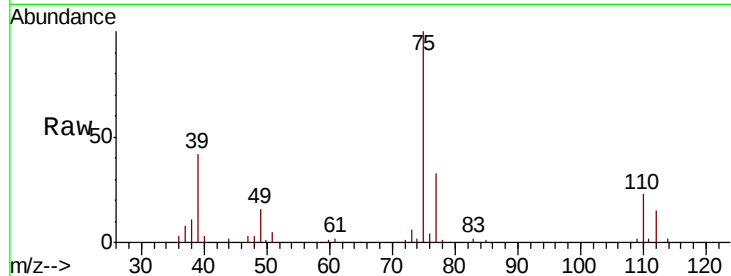
Time-->



#51
 cis-1,3-Dichloropropene
 Concen: 1.967 ug/l
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

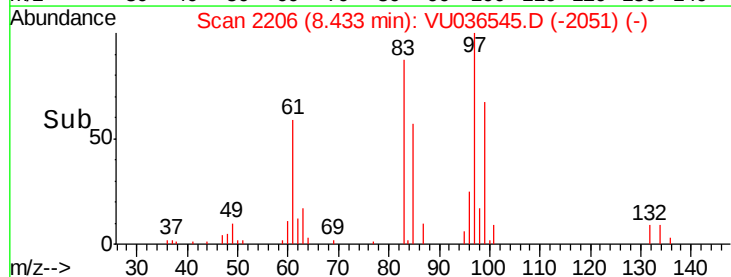
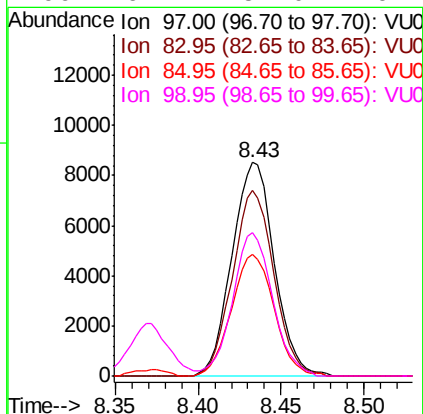
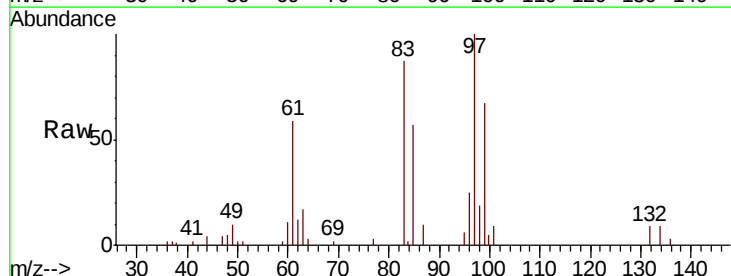
Instrument :
 MSVOA_U
 ClientSampleId :

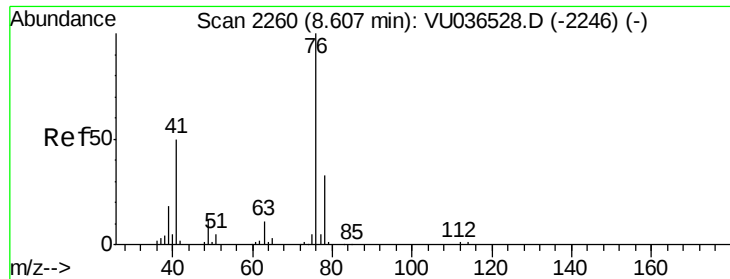
Tot Ion: 75 Resp: 28991
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9
 39 41.9 31.8 47.6



#52
 1,1,2-Trichloroethane
 Concen: 2.066 ug/l
 RT: 8.43 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 97 Resp: 15128
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.9 106.3
 85 56.7 45.6 68.4
 99 67.2 51.0 76.4

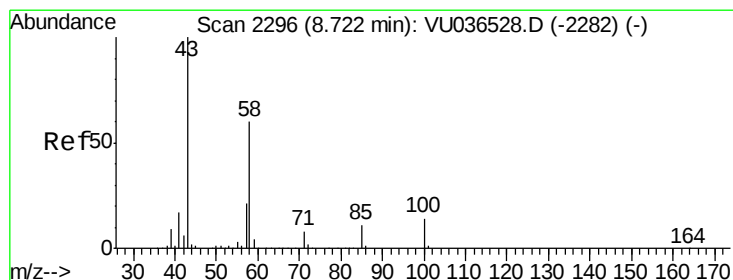
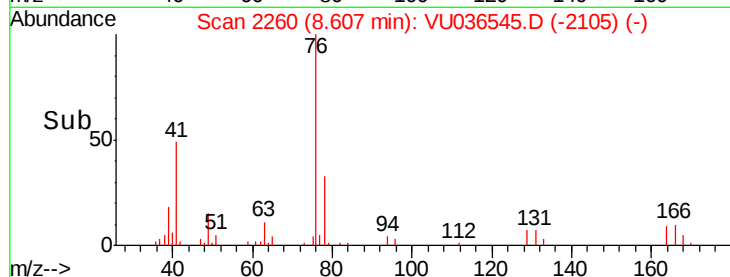
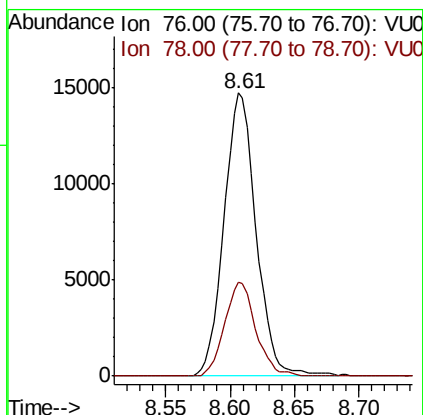
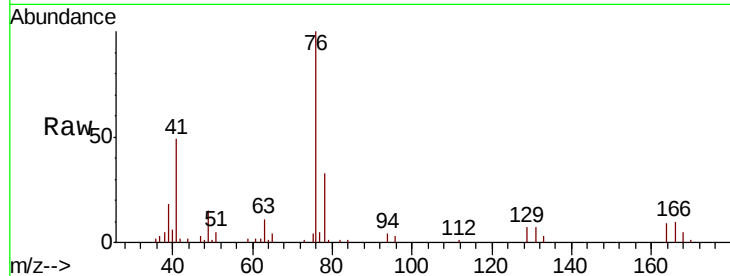




#53
 1,3-Dichloropropane
 Concen: 2.029 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

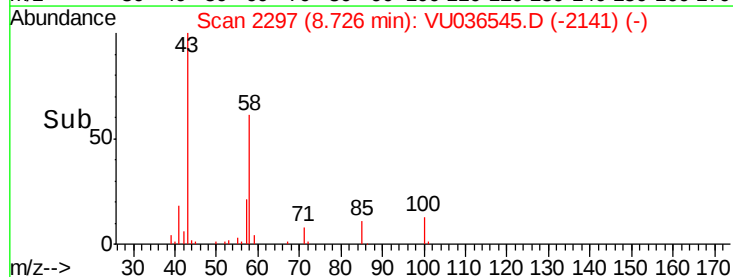
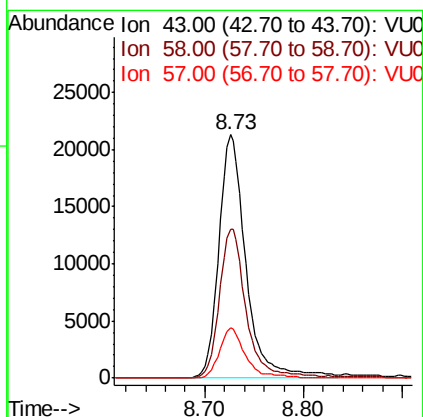
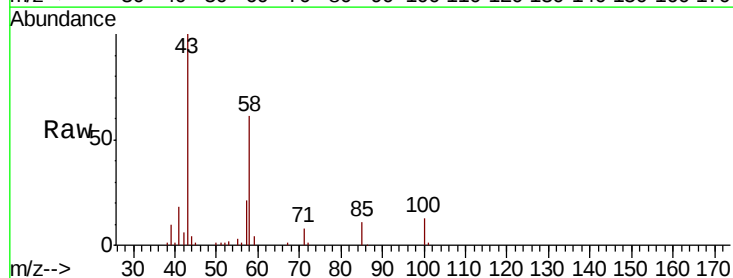
Instrument :
 MSVOA_U
 ClientSampleId :

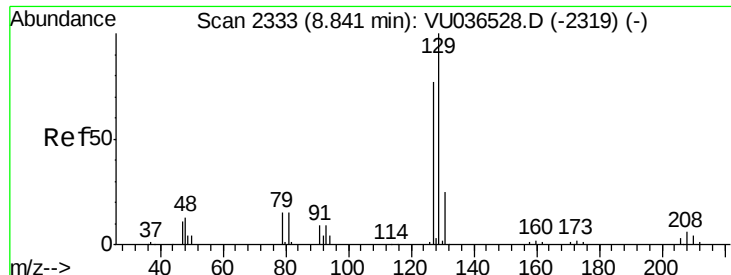
Tot Ion: 76 Resp: 25466
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.2



#54
 2-Hexanone
 Concen: 10.128 ug/l
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 43 Resp: 41294
 Ion Ratio Lower Upper
 43 100
 58 60.2 40.6 80.6
 57 19.6 1.2 41.2





#55

Dibromochloromethane

Concen: 1.933 ug/l

RT: 8.84 min Scan# 2332

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

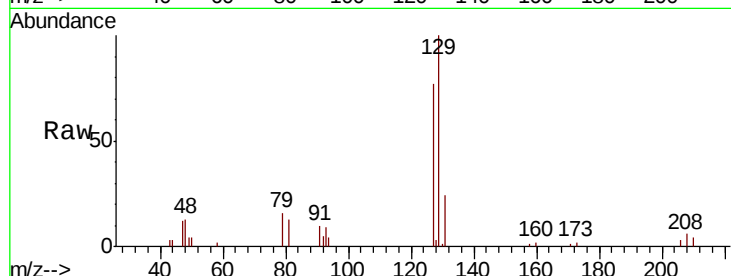
ClientSampled :

Tot Ion:129 Resp: 16296

Ion Ratio Lower Upper

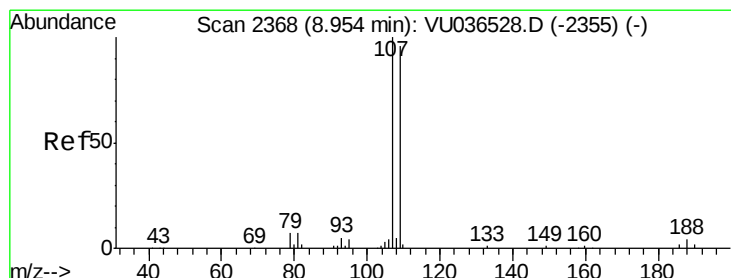
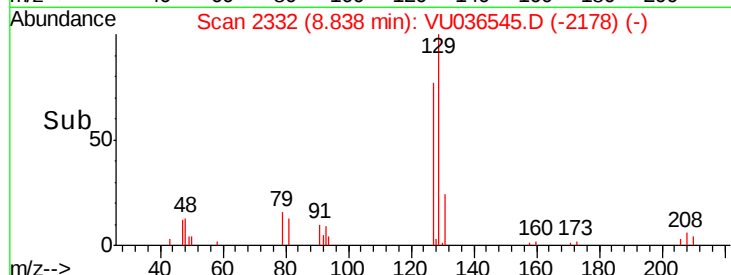
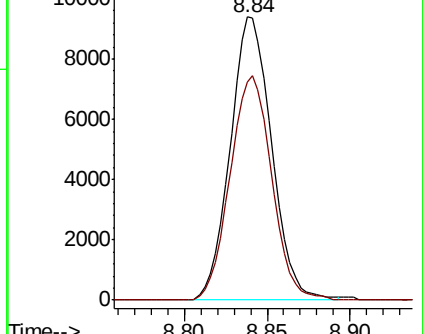
129 100

127 79.6 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.976 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VU036545.D

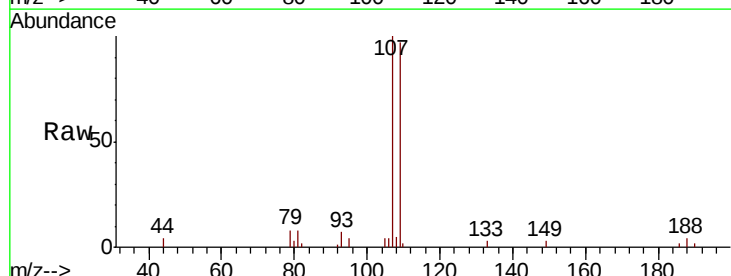
Acq: 23 Jan 2020 17:56

Tgt Ion:107 Resp: 13929

Ion Ratio Lower Upper

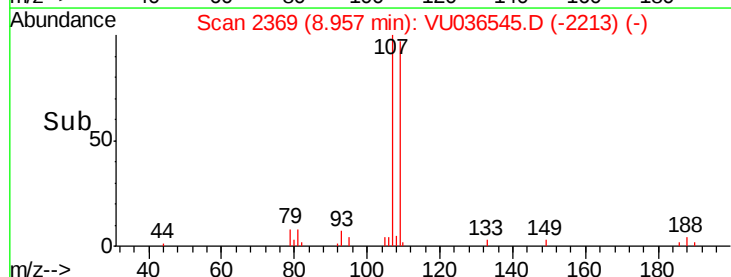
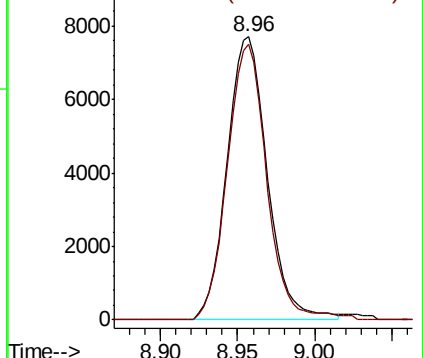
107 100

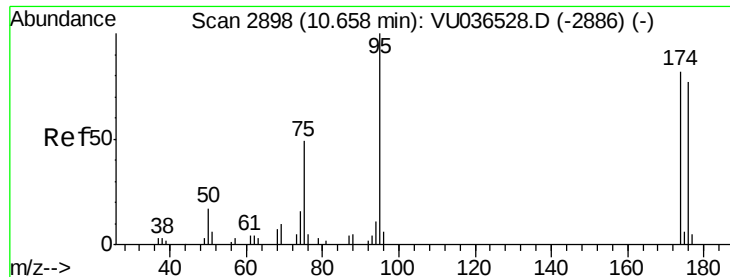
109 94.9 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

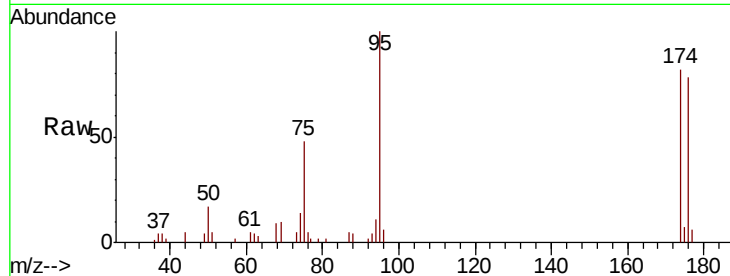




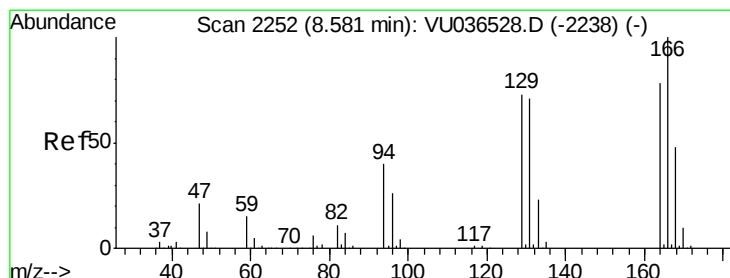
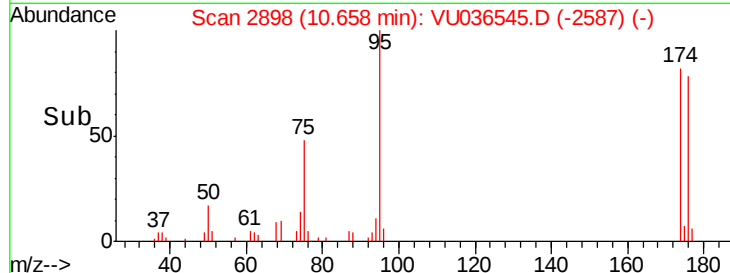
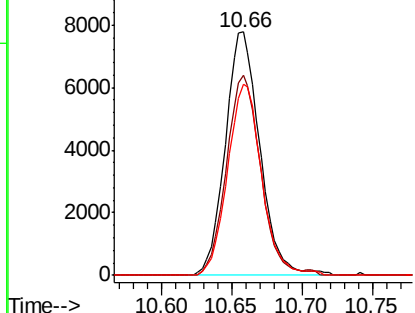
#57
4-Bromofluorobenzene
Concen: 0.995 ug/l
RT: 10.66 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 13329
Ion Ratio Lower Upper
95 100
174 80.6 64.7 97.1
176 77.7 60.6 91.0



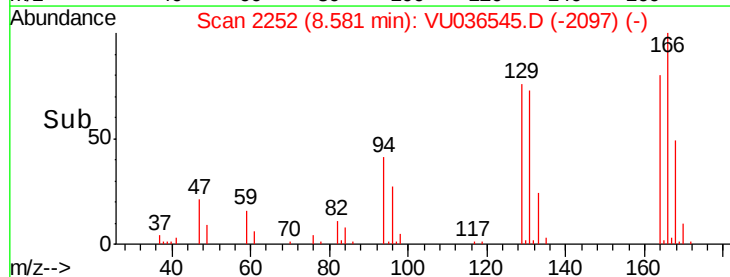
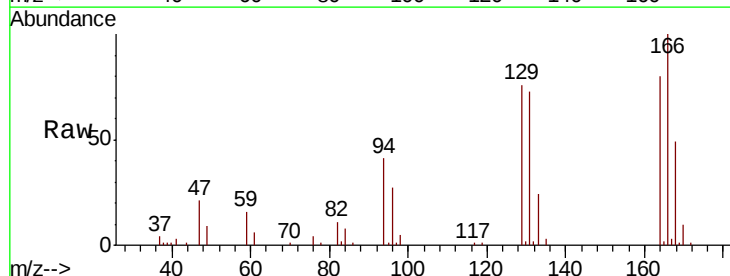
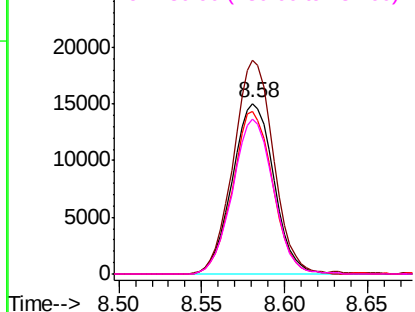
Abundance Ion 95.00 (94.70 to 95.70): VU036545.D (-2587) (-)
Ion 174.00 (173.70 to 174.70): VU036545.D (-2587) (-)
Ion 176.00 (175.70 to 176.70): VU036545.D (-2587) (-)

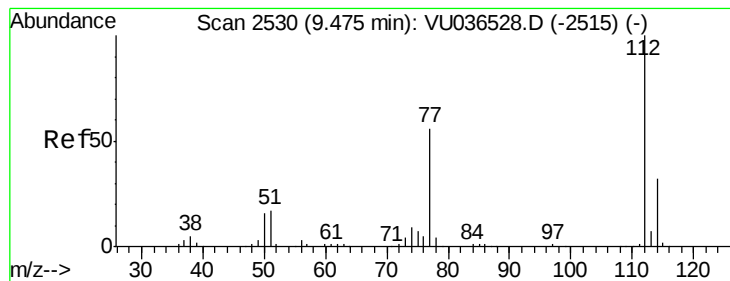


#58
Tetrachloroethene
Concen: 2.410 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 164 Resp: 26154
Ion Ratio Lower Upper
164 100
166 125.0 102.0 153.0
129 95.2 74.9 112.3
131 90.8 72.6 108.8

Abundance Ion 163.85 (163.55 to 164.55): VU036545.D (-2097) (-)
Ion 165.80 (165.50 to 166.50): VU036545.D (-2097) (-)
Ion 128.90 (128.60 to 129.60): VU036545.D (-2097) (-)
Ion 130.90 (130.60 to 131.60): VU036545.D (-2097) (-)





#59

Chlorobenzene

Concen: 1.981 ug/l

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

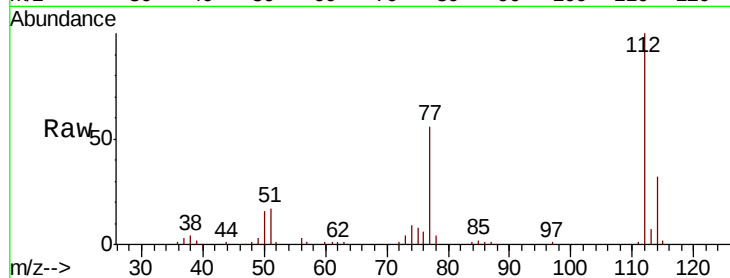
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 55382

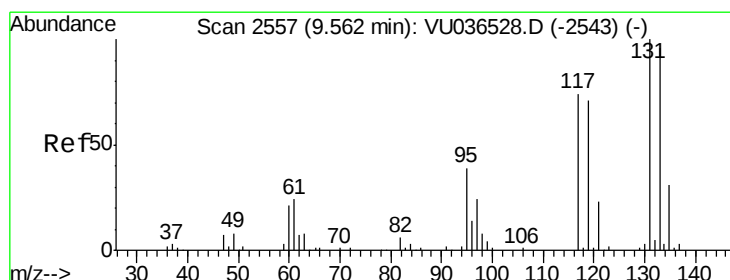
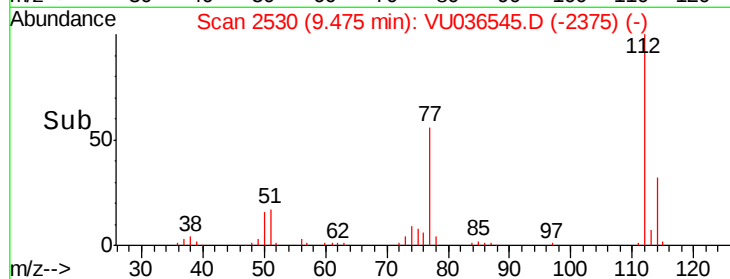
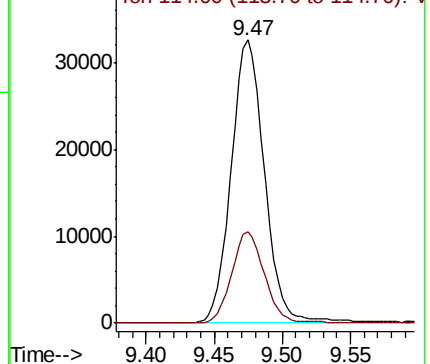
Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.961 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

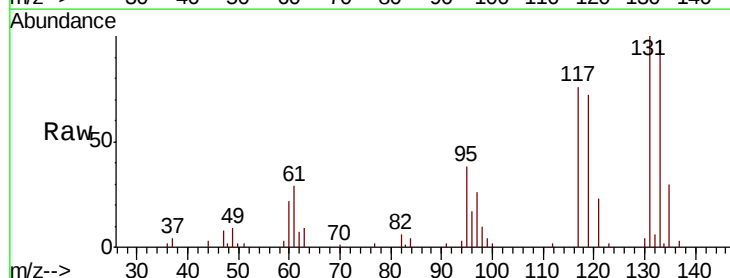
Tgt Ion:131 Resp: 17513

Ion Ratio Lower Upper

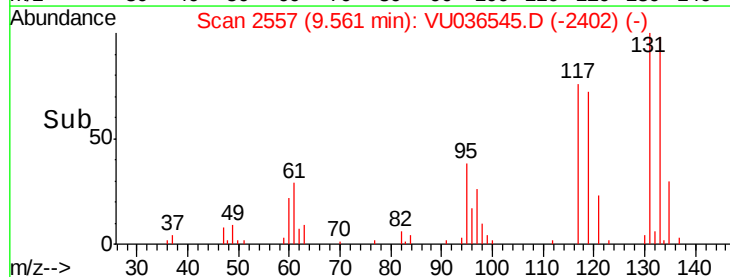
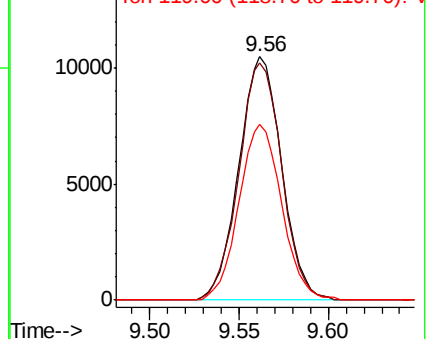
131 100

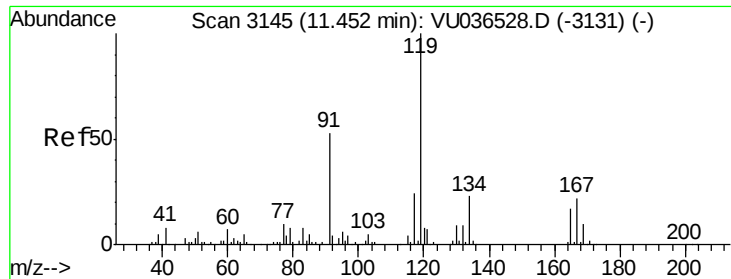
133 97.6 76.4 114.6

119 72.2 56.6 85.0



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V

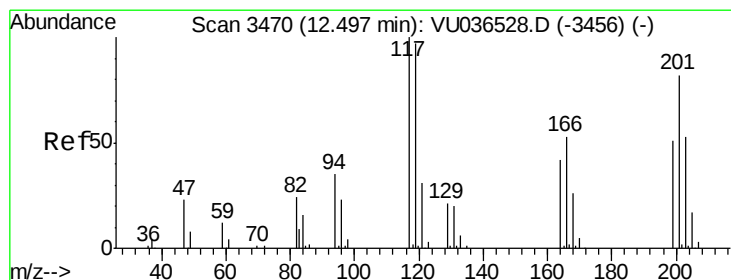
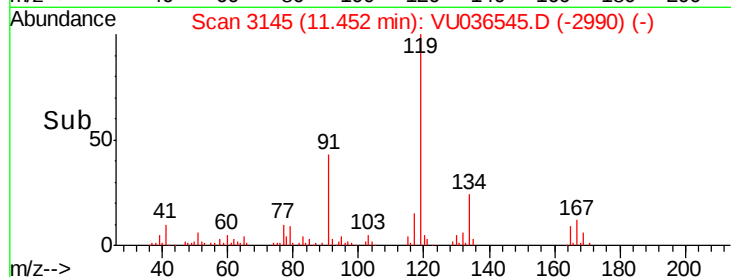
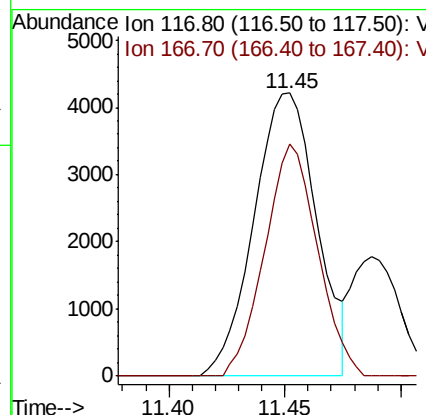
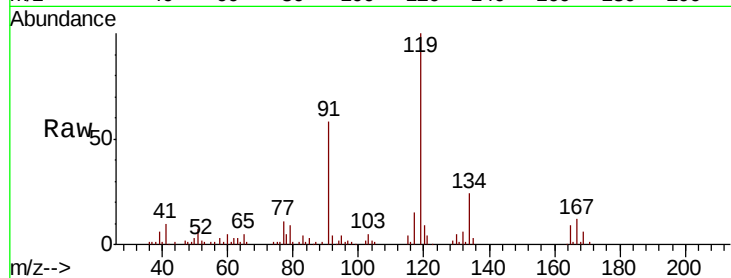




#61
 Pentachloroethane
 Concen: 1.383 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

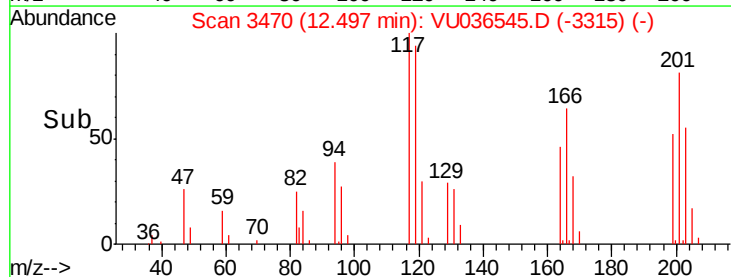
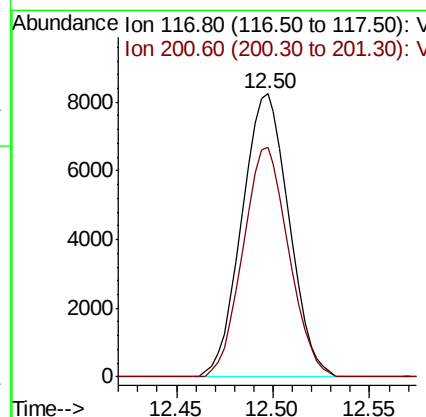
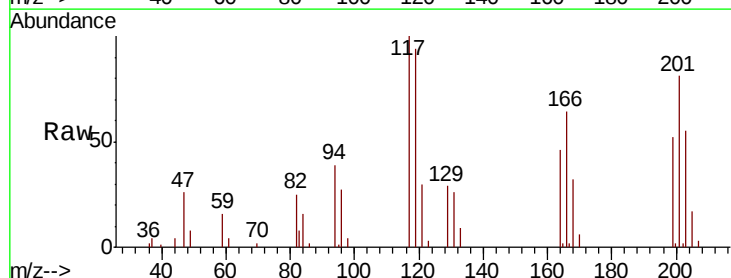
Instrument :
 MSVOA_U
 ClientSampleId :

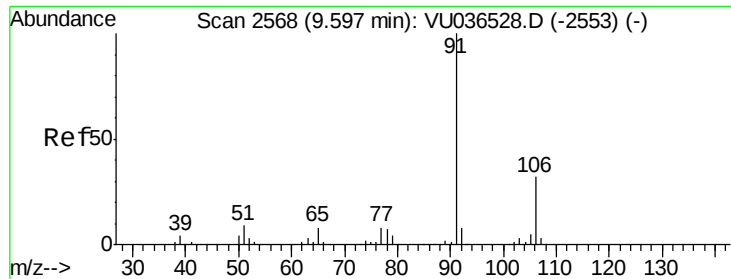
Tot Ion:117 Resp: 7965
 Ion Ratio Lower Upper
 117 100
 167 68.6 66.7 100.1



#62
 Hexachloroethane
 Concen: 1.901 ug/l
 RT: 12.50 min Scan# 3470
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion:117 Resp: 13958
 Ion Ratio Lower Upper
 117 100
 201 78.9 65.0 97.4

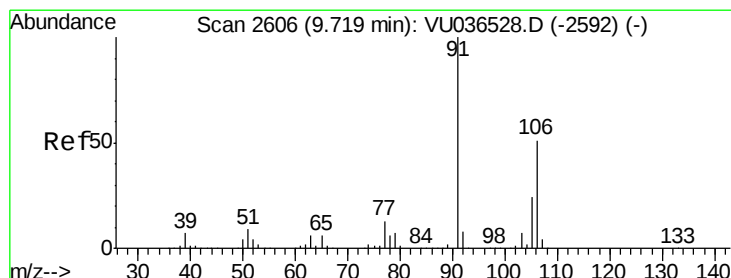
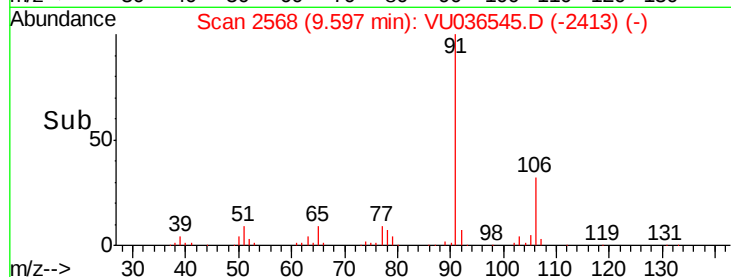
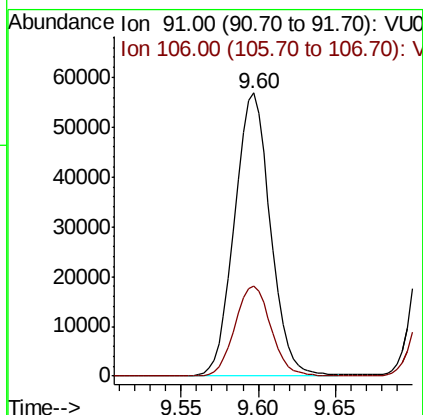
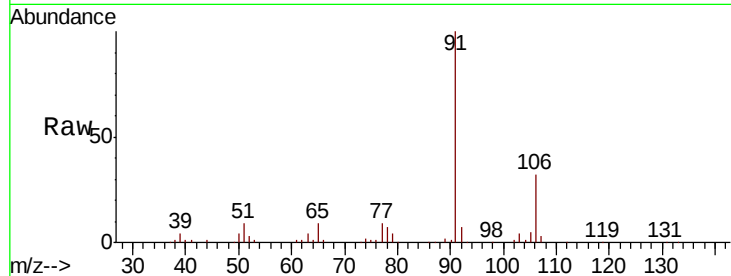




#63
Ethyl Benzene
Concen: 1.961 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

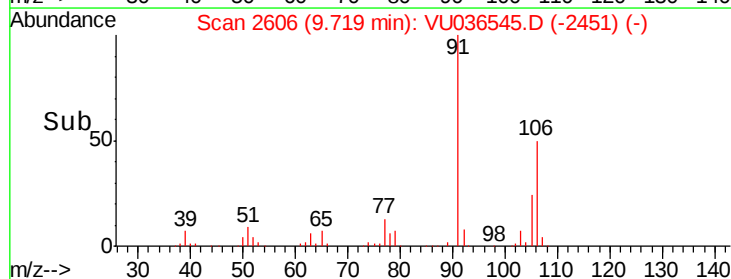
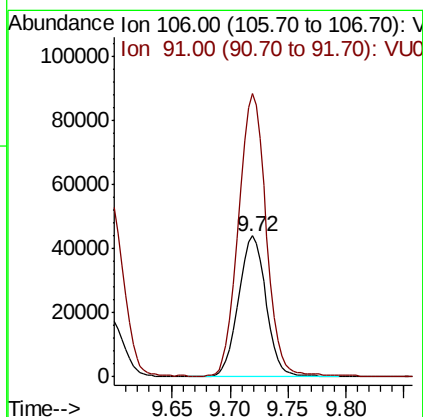
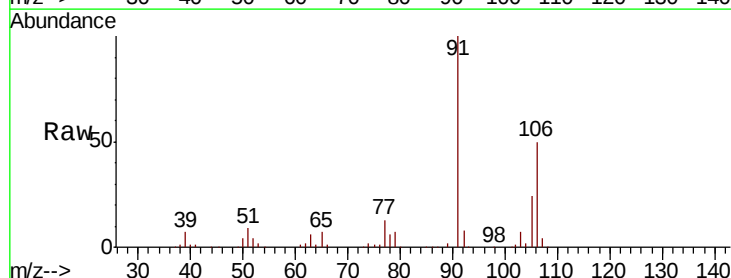
Instrument :
MSVOA_U
ClientSampleId :

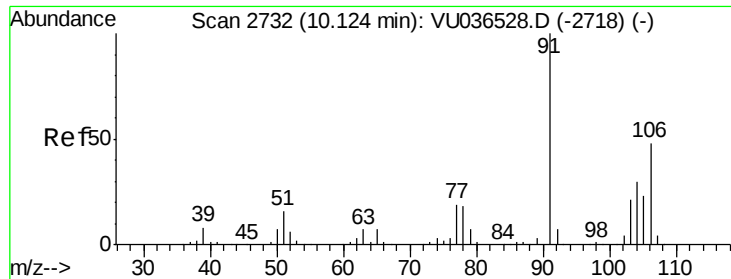
Tot Ion: 91 Resp: 91884
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0



#64
m/p-Xylenes
Concen: 3.927 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 106 Resp: 72830
Ion Ratio Lower Upper
106 100
91 198.3 158.2 237.4

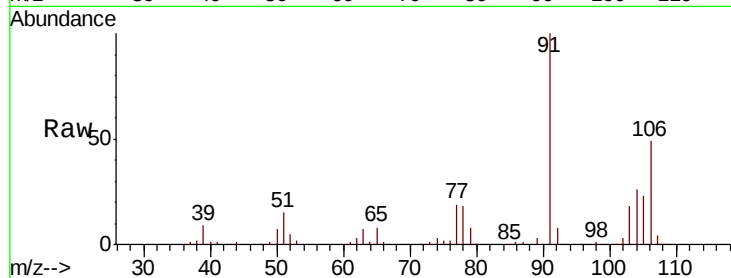




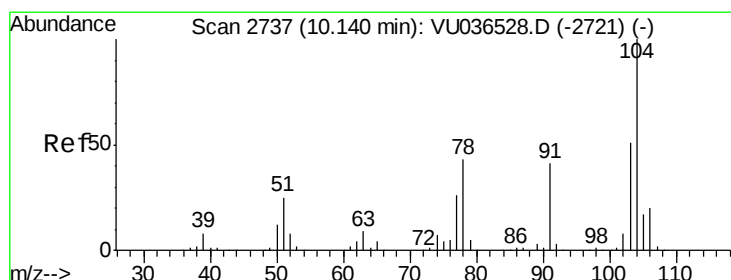
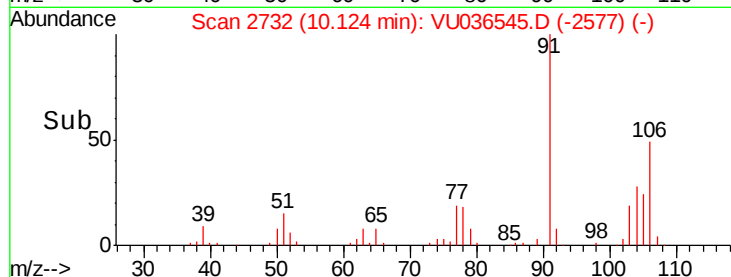
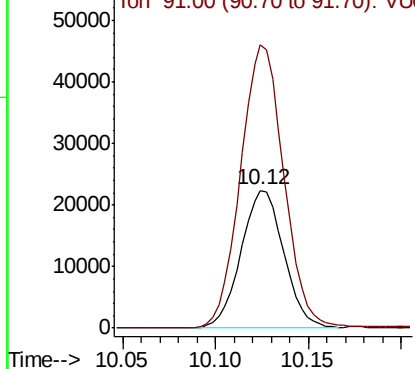
#65
o-Xylene
Concen: 1.998 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 35877
Ion Ratio Lower Upper
106 100
91 208.9 104.3 312.9

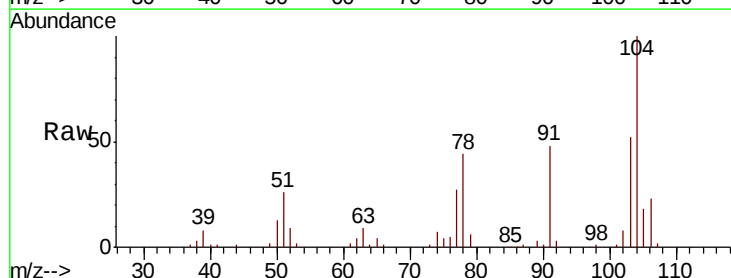


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

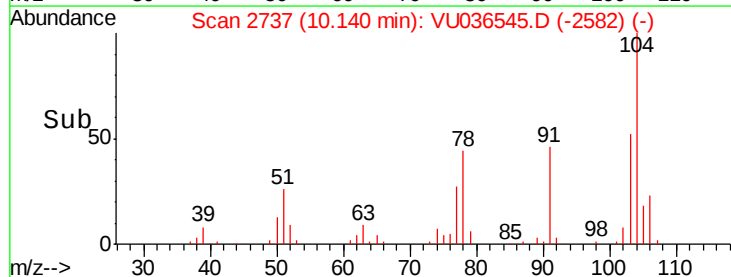
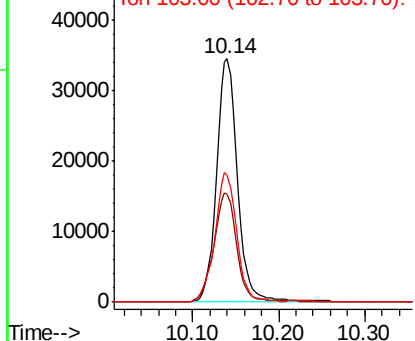


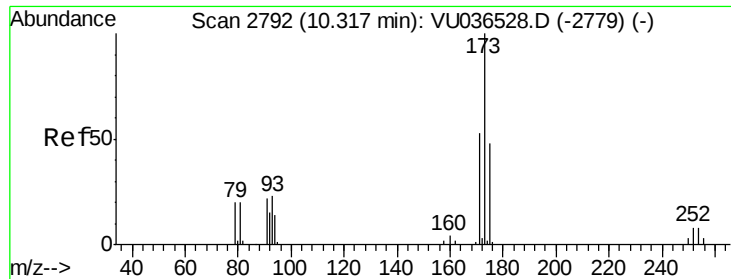
#66
Styrene
Concen: 1.960 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion:104 Resp: 58959
Ion Ratio Lower Upper
104 100
78 49.3 38.6 57.8
103 55.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.932 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

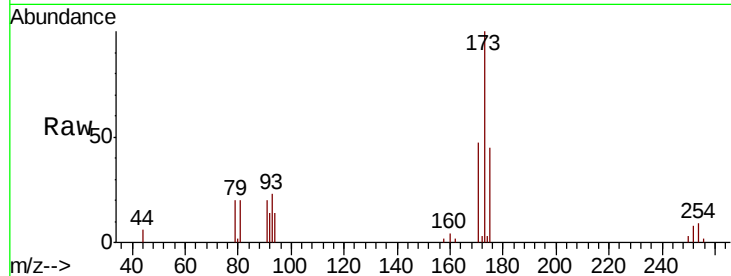
Tot Ion:173 Resp: 9325

Ion Ratio Lower Upper

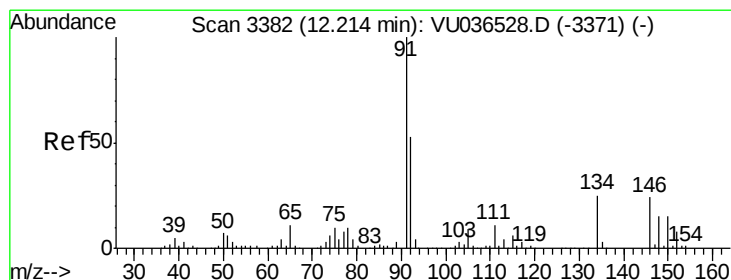
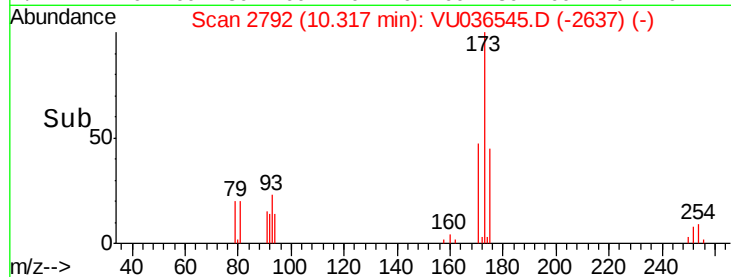
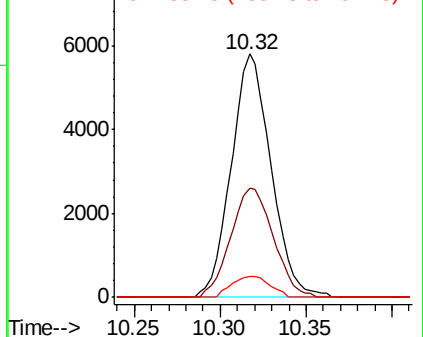
173 100

175 48.0 38.3 57.5

254 8.3 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.975 ug/l

RT: 12.21 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

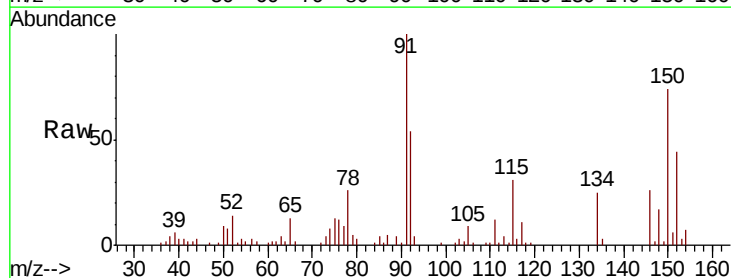
Tgt Ion:152 Resp: 13364

Ion Ratio Lower Upper

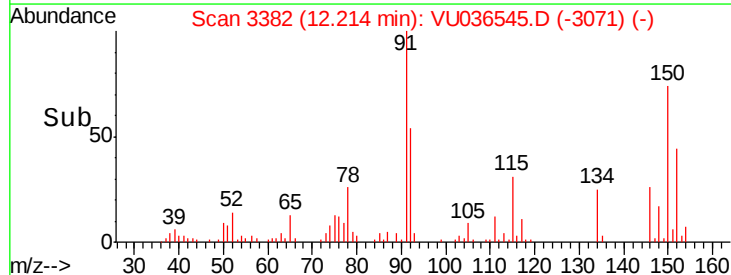
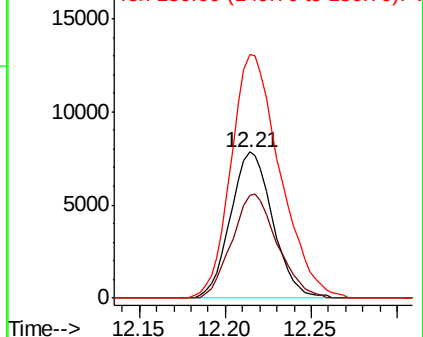
152 100

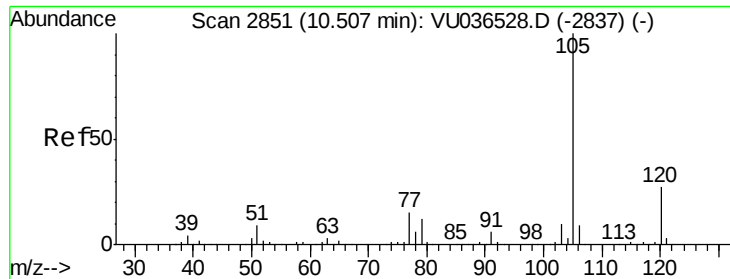
115 76.3 0.0 241.8

150 193.4 0.0 652.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 2.018 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

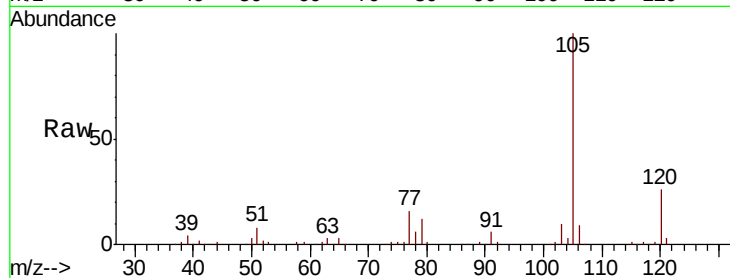
ClientSampleId :

Tot Ion:105 Resp: 95215

Ion Ratio Lower Upper

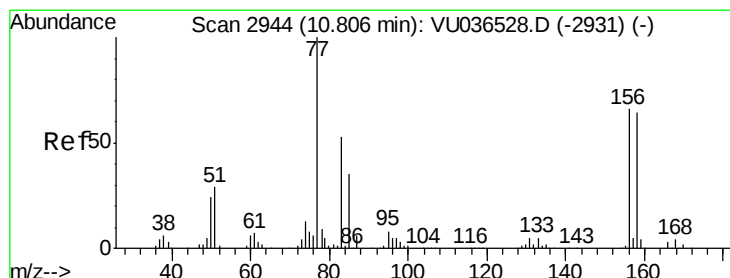
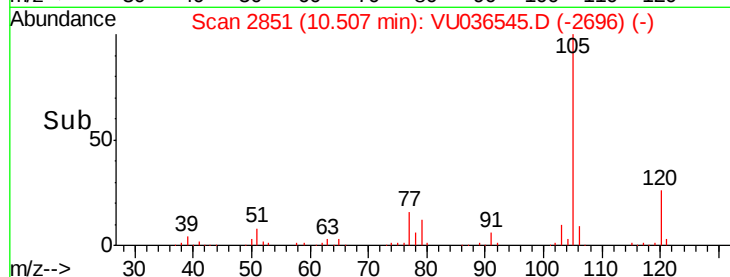
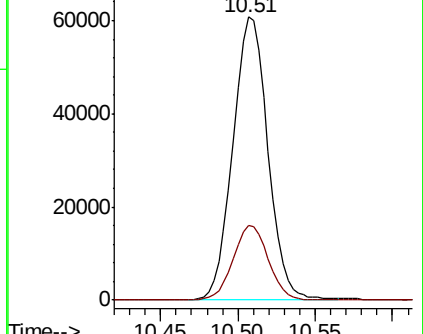
105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.028 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

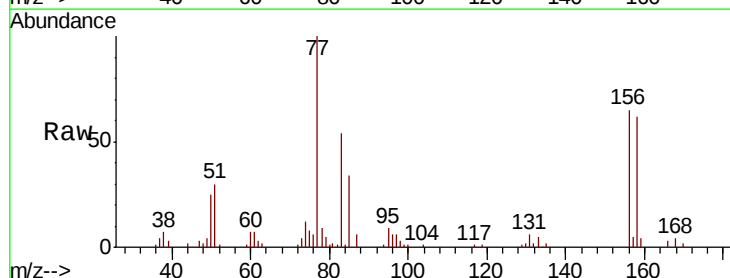
Tgt Ion: 83 Resp: 18732

Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

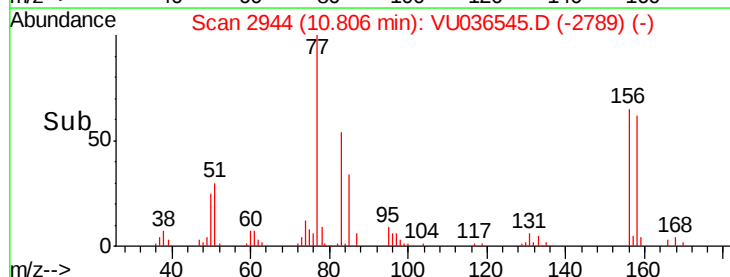
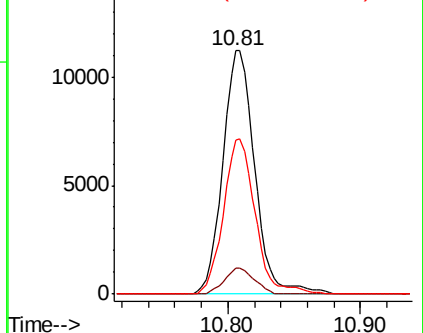
85 63.3 53.2 79.8

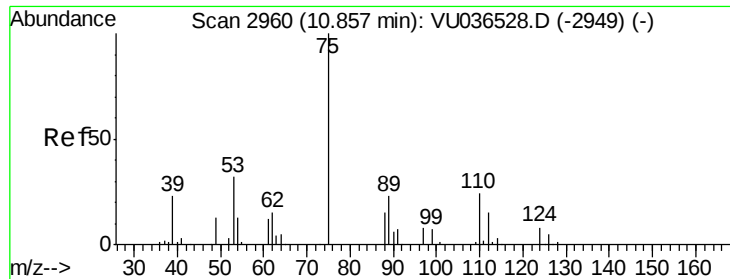


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

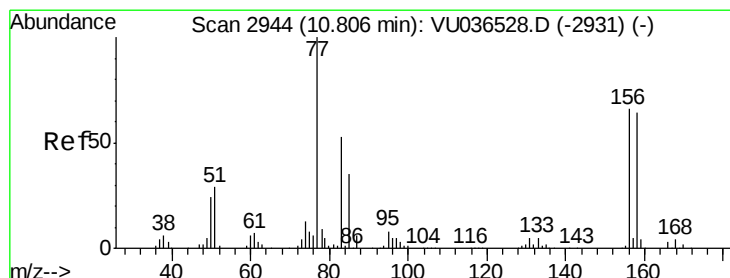
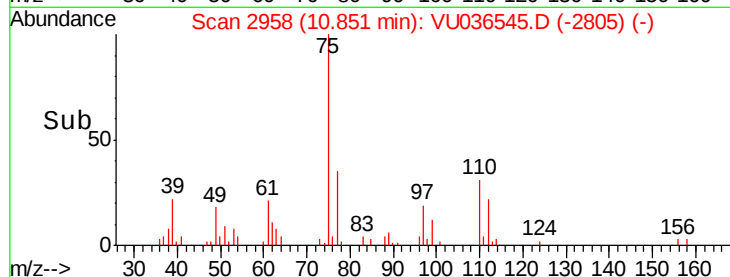
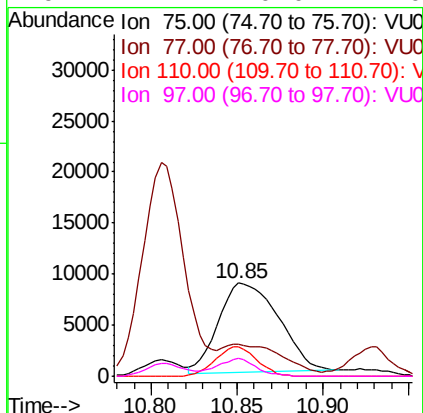
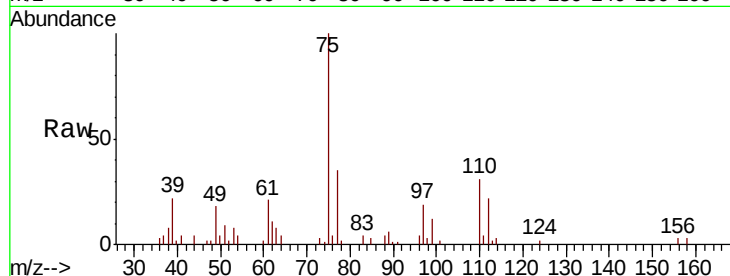




#71
 1,2,3-Trichloropropane
 Concen: 3.255 ug/l
 RT: 10.85 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

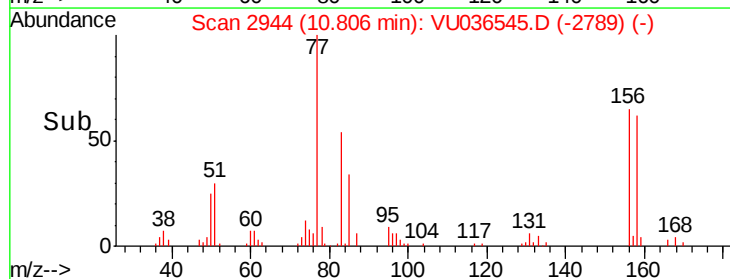
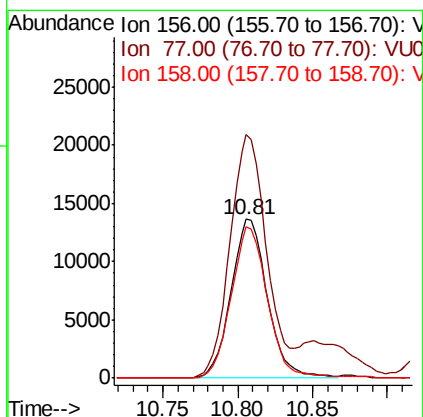
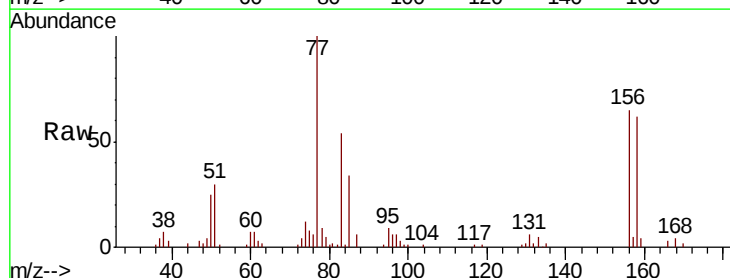
Instrument :
 MSVOA_U
 ClientSampleId :

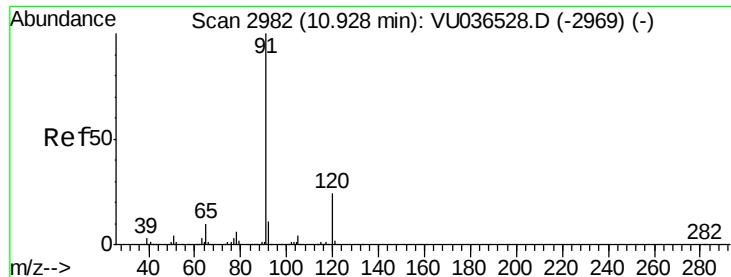
Tot Ion:	75	Resp:	21450
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	129.6
110	22.6	0.0	77.4
97	12.7	0.0	42.0



#72
 Bromobenzene
 Concen: 2.028 ug/l
 RT: 10.81 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion:	156	Resp:	23052
Ion	Ratio	Lower	Upper
156	100		
77	155.6	0.0	306.6
158	95.9	0.0	192.0





#73

n-propylbenzene

Concen: 2.013 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

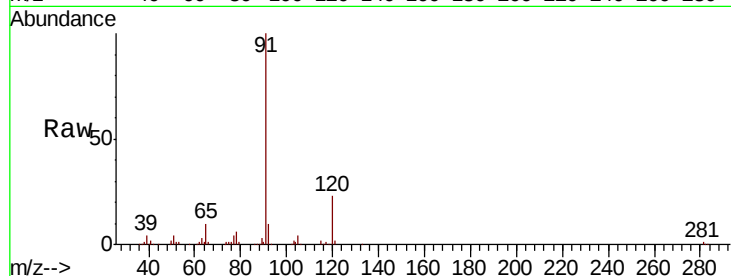
ClientSampleId :

Tot Ion:120 Resp: 26648

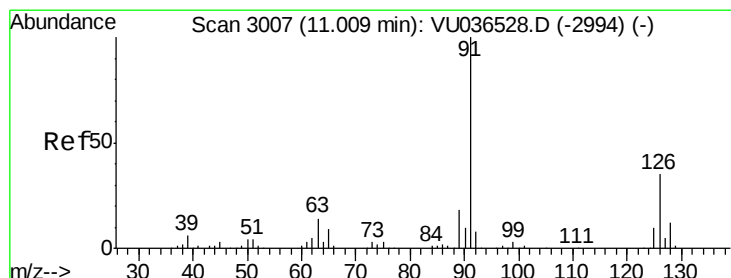
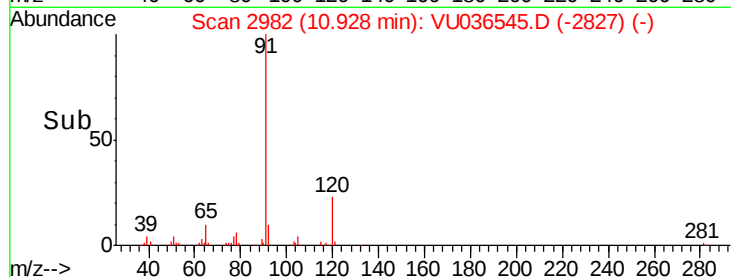
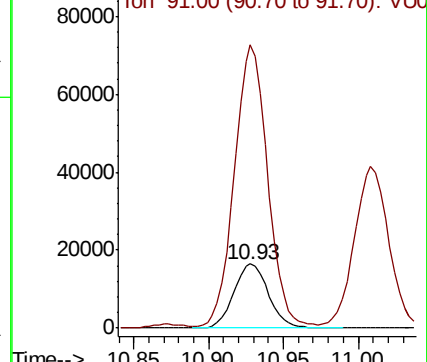
Ion Ratio Lower Upper

120 100

91 417.9 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 1.974 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036545.D

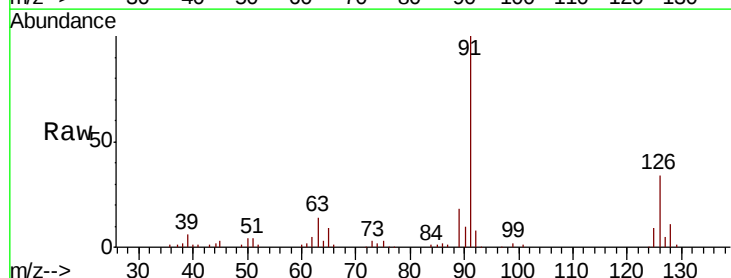
Acq: 23 Jan 2020 17:56

Tgt Ion:126 Resp: 22447

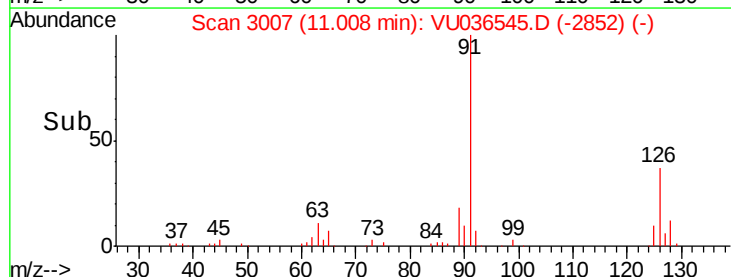
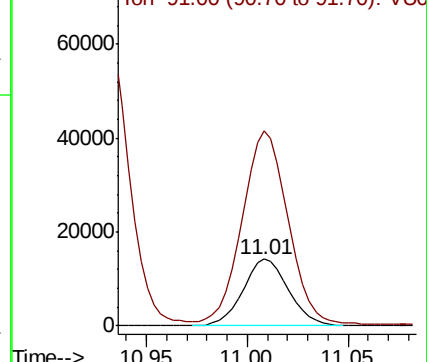
Ion Ratio Lower Upper

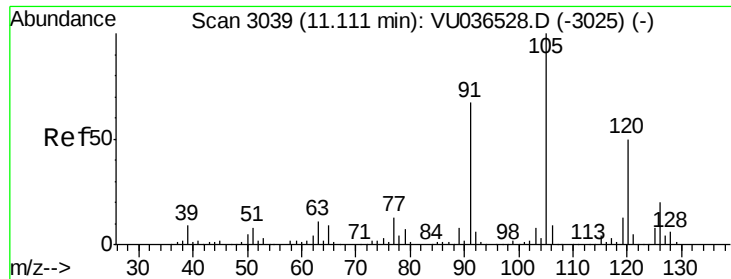
126 100

91 294.5 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 2.001 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

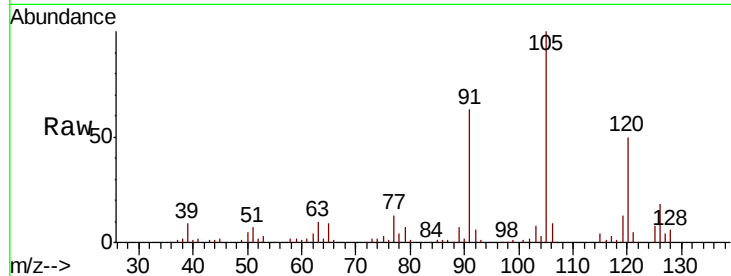
ClientSampleId :

Tot Ion:105 Resp: 80976

Ion Ratio Lower Upper

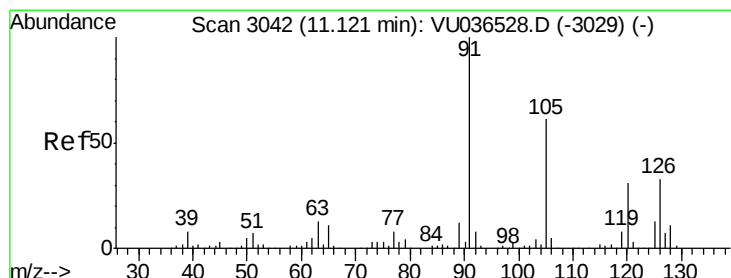
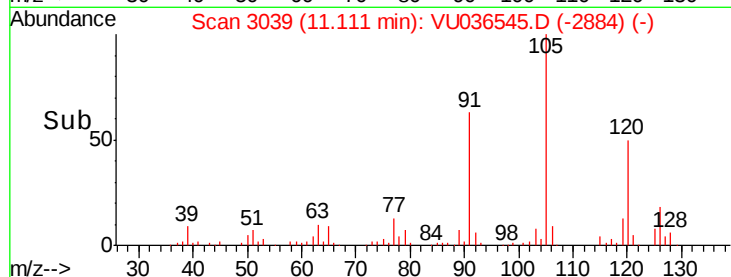
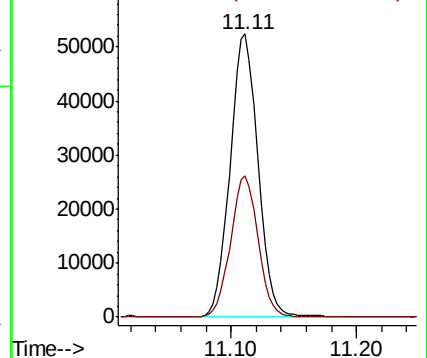
105 100

120 49.1 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.992 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036545.D

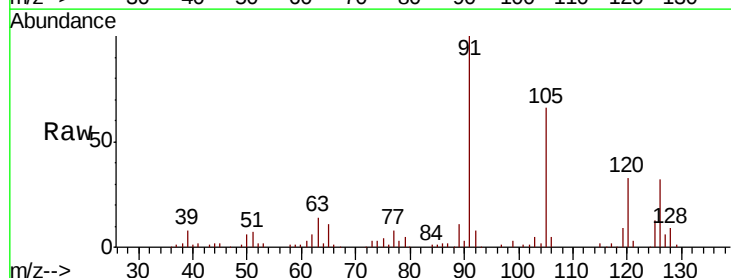
Acq: 23 Jan 2020 17:56

Tgt Ion:126 Resp: 23406

Ion Ratio Lower Upper

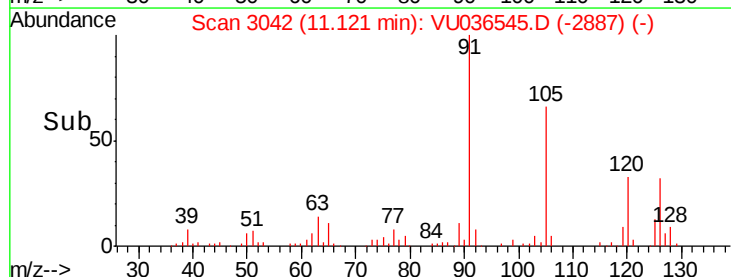
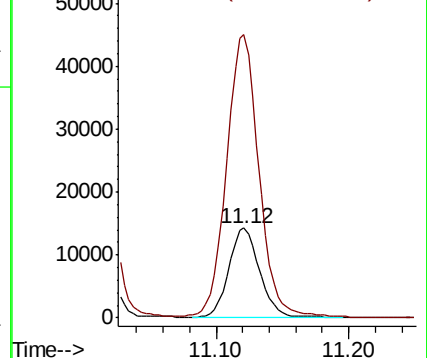
126 100

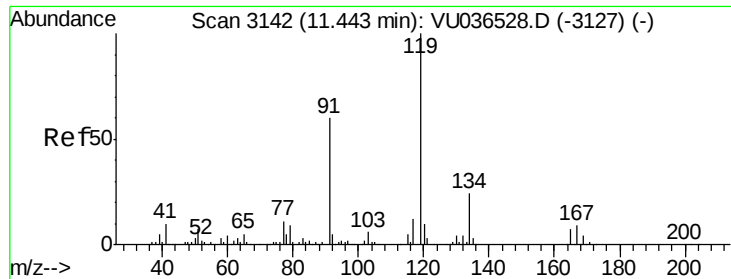
91 328.5 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.928 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

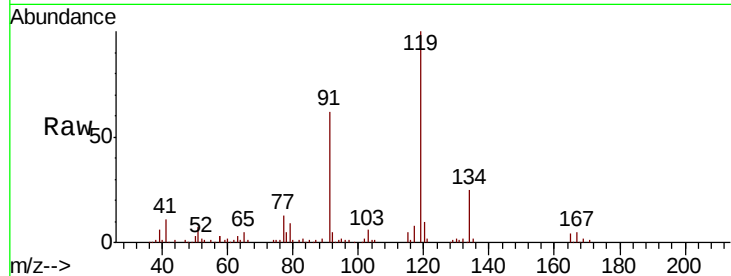
Tot Ion:119 Resp: 73925

Ion Ratio Lower Upper

119 100

91 62.3 29.3 87.8

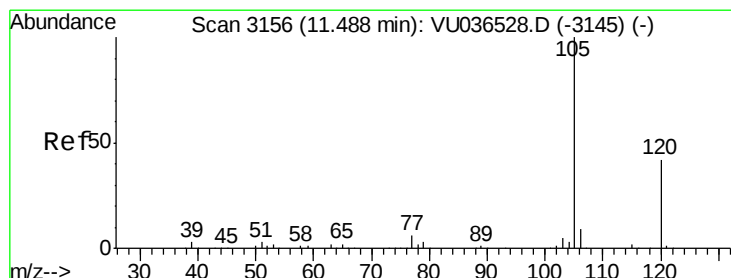
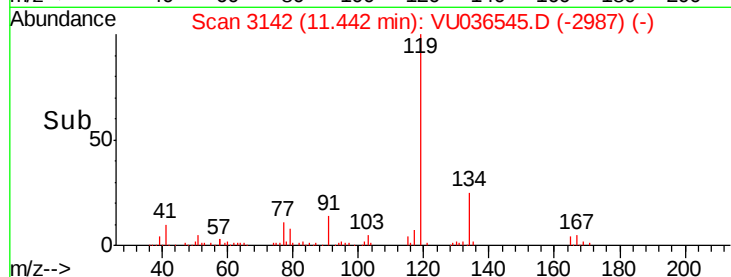
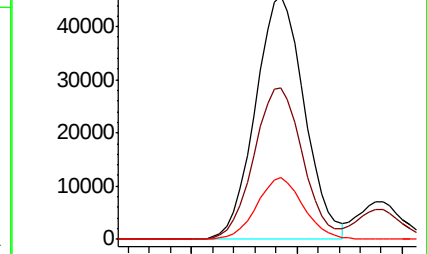
134 24.3 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 2.006 ug/l

RT: 11.49 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU036545.D

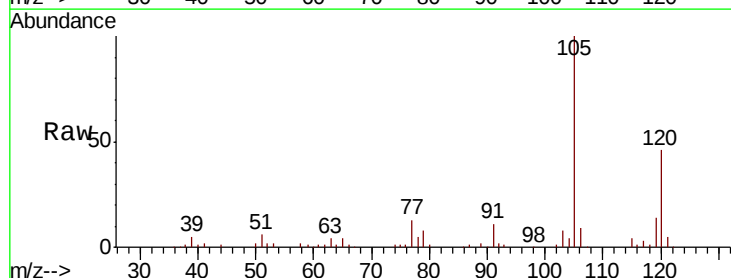
Acq: 23 Jan 2020 17:56

Tgt Ion:105 Resp: 83703

Ion Ratio Lower Upper

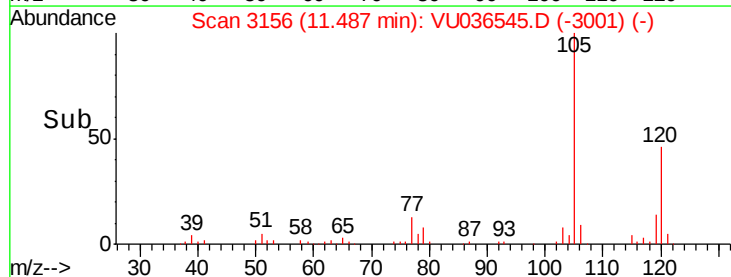
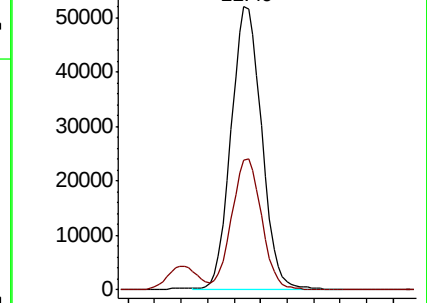
105 100

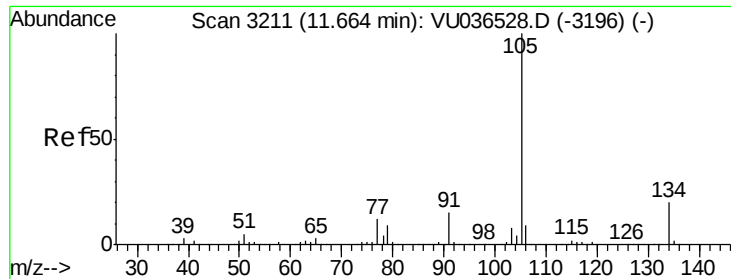
120 45.4 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

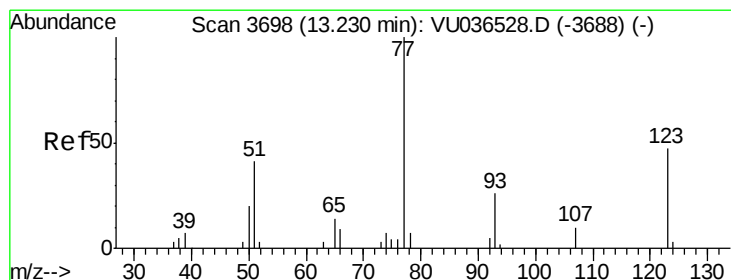
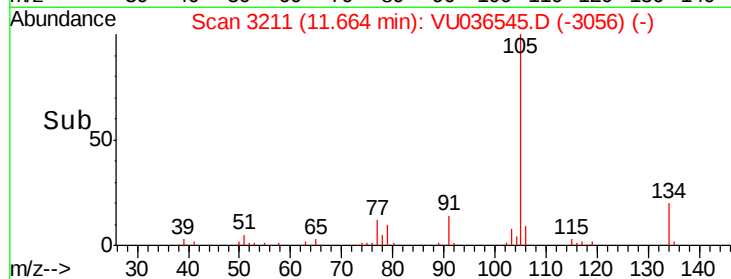
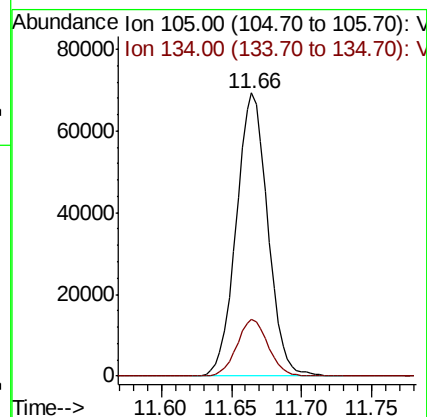
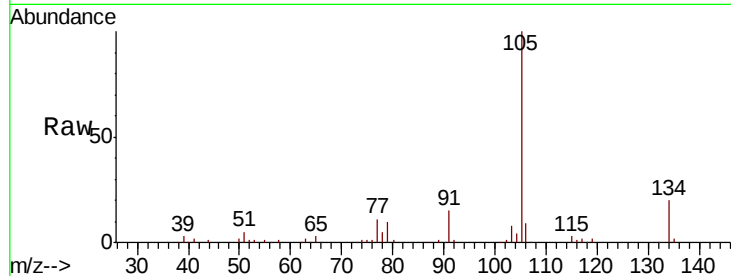




#79
 sec-Butylbenzene
 Concen: 2.034 ug/l
 RT: 11.66 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

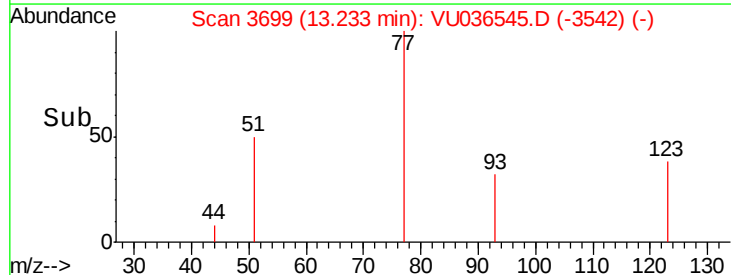
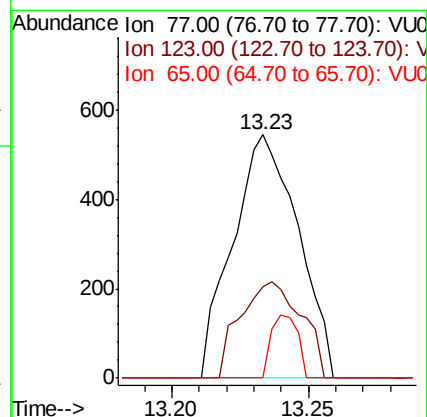
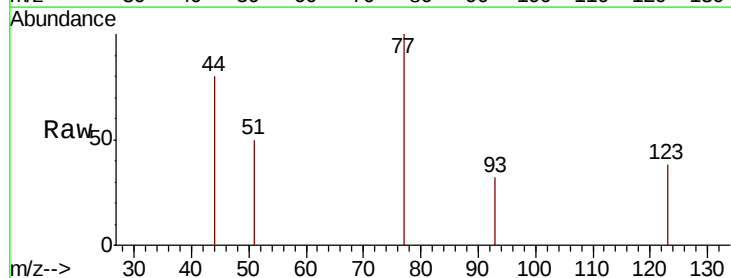
Instrument :
 MSVOA_U
 ClientSampled :

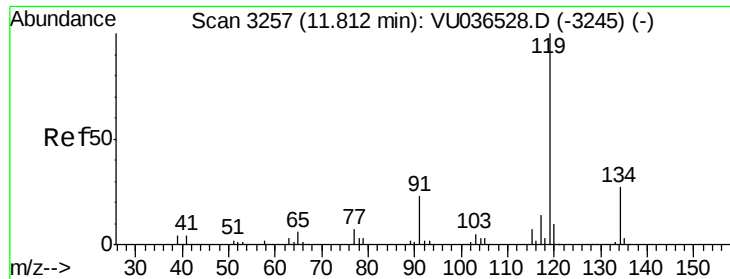
Tot Ion:105 Resp: 108202
 Ion Ratio Lower Upper
 105 100
 134 20.0 16.0 24.0



#80
 Nitrobenzene
 Concen: 6.828 ug/l
 RT: 13.23 min Scan# 3699
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 77 Resp: 905
 Ion Ratio Lower Upper
 77 100
 123 37.2 19.6 69.6
 65 10.4 12.7 16.1#





#81

p-Isopropyltoluene

Concen: 2.000 ug/l

RT: 11.82 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

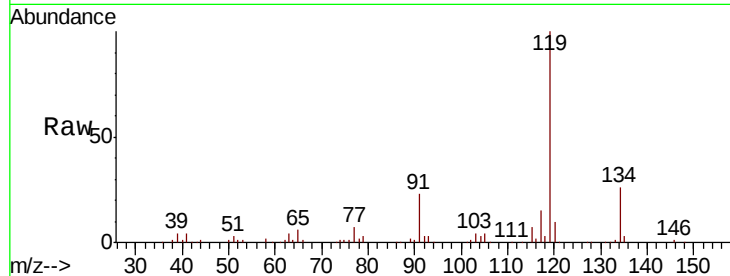
Tot Ion:119 Resp: 88941

Ion Ratio Lower Upper

119 100

134 26.4 21.4 32.0

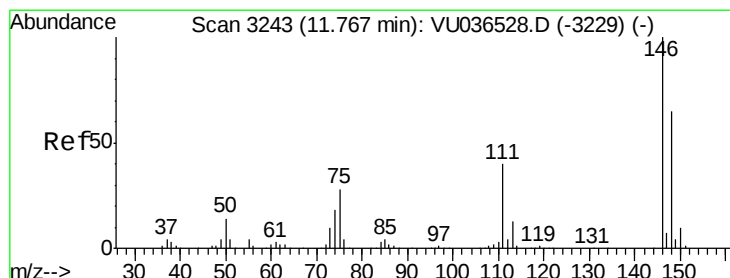
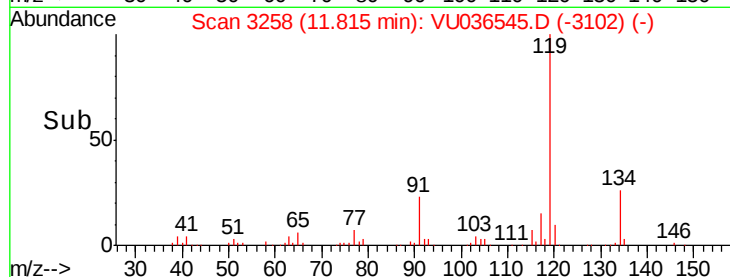
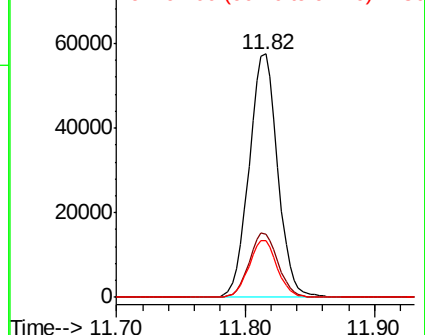
91 23.2 18.3 27.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 1.989 ug/l

RT: 11.77 min Scan# 3243

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

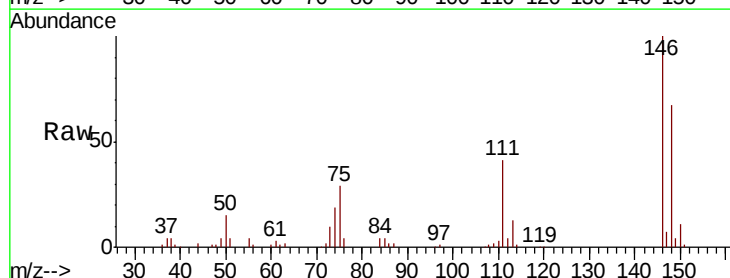
Tgt Ion:146 Resp: 45240

Ion Ratio Lower Upper

146 100

111 39.3 32.2 48.2

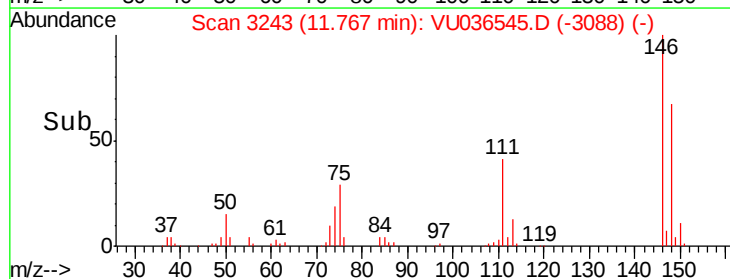
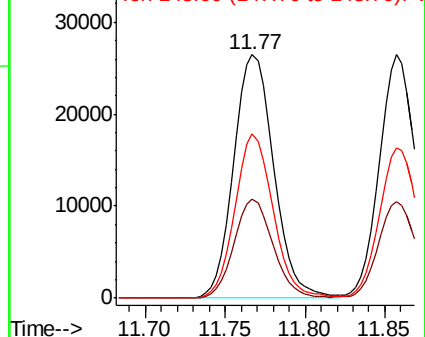
148 64.0 51.4 77.2

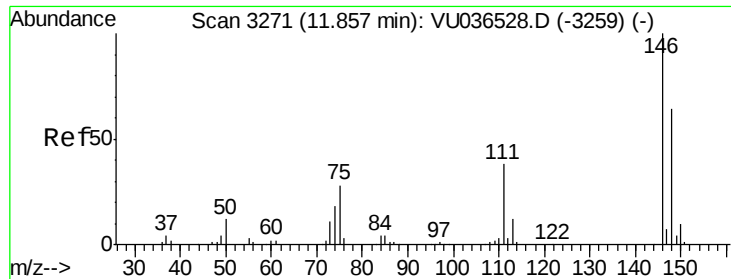


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

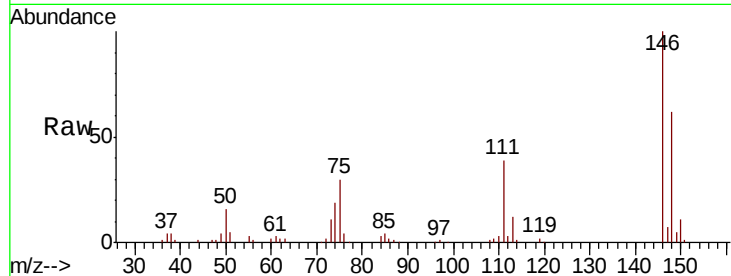




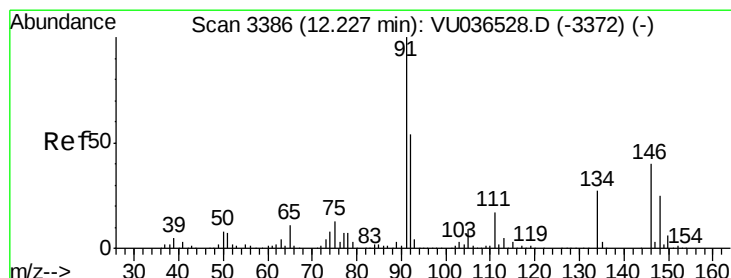
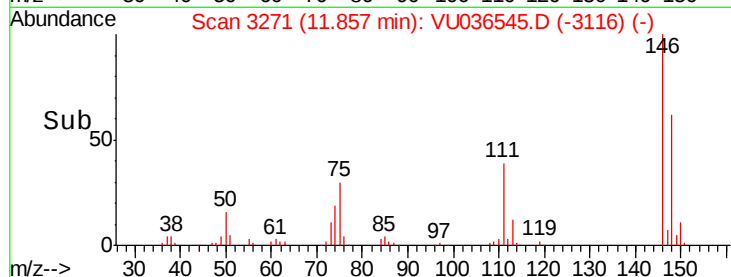
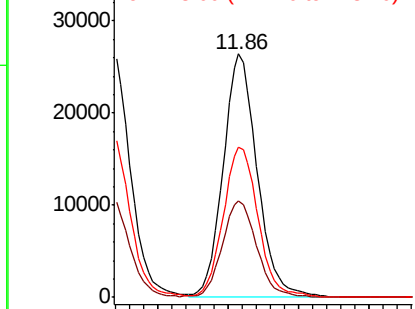
#83
 1,4-Dichlorobenzene
 Concen: 1.956 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 44452
 Ion Ratio Lower Upper
 146 100
 111 40.1 30.5 45.7
 148 63.2 51.0 76.4

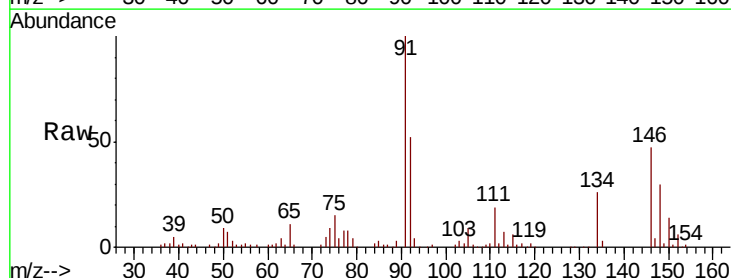


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

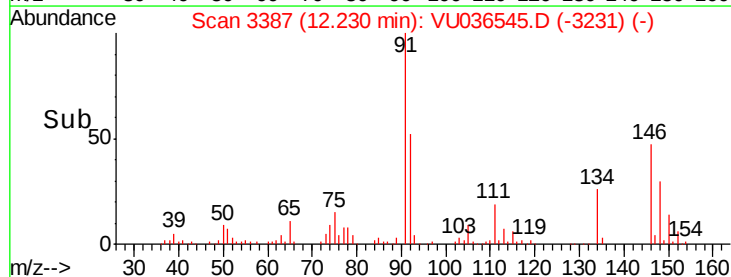
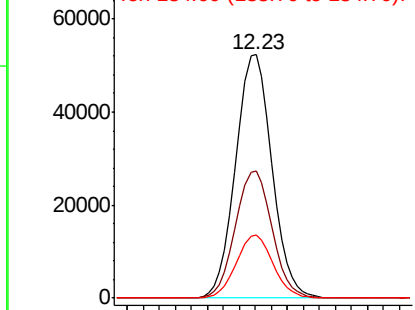


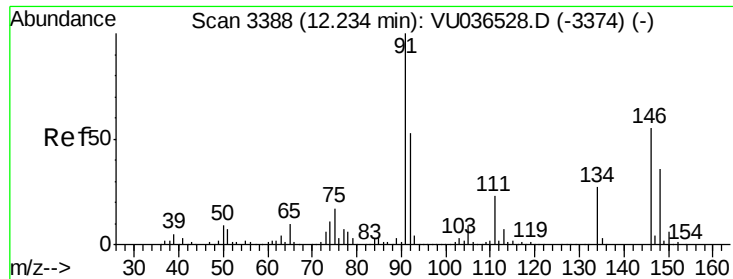
#84
 n-Butylbenzene
 Concen: 1.968 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 91 Resp: 80942
 Ion Ratio Lower Upper
 91 100
 92 52.6 42.9 64.3
 134 26.3 21.4 32.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

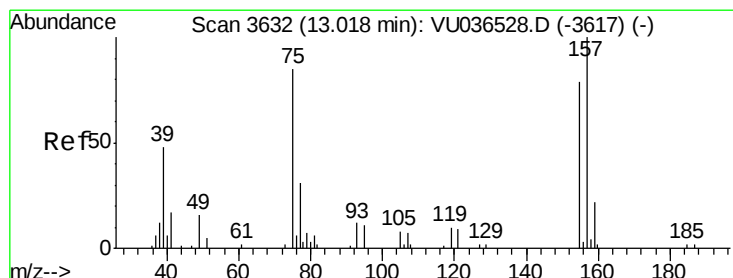
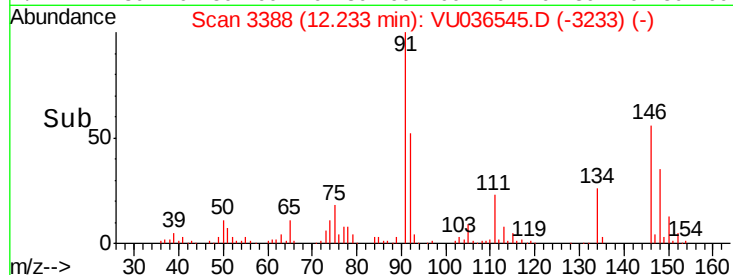
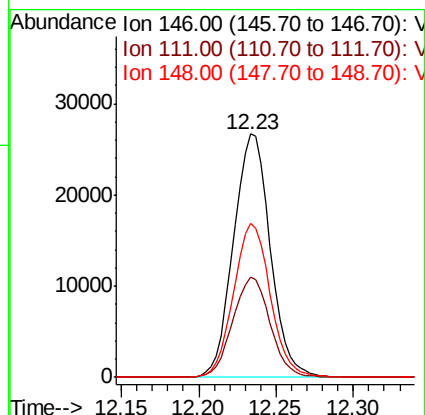
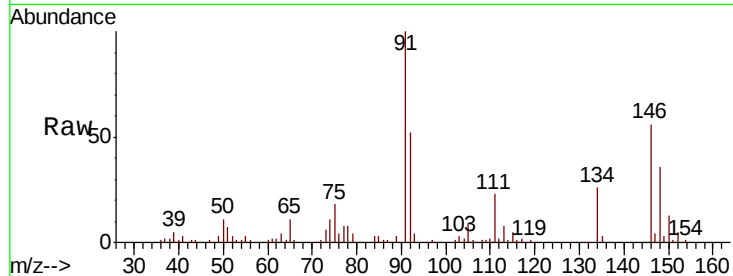




#85
 1,2-Dichlorobenzene
 Concen: 2.020 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

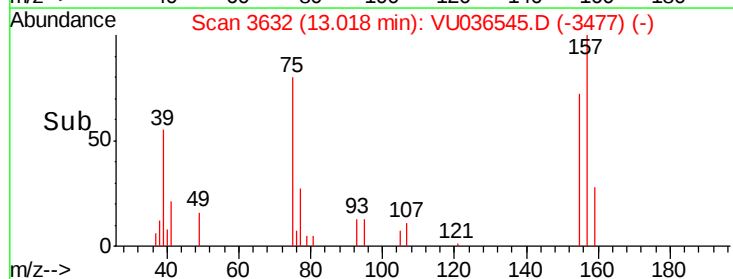
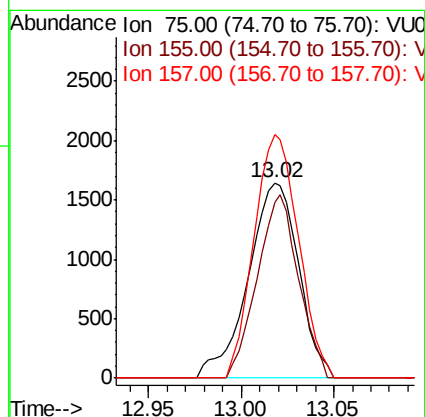
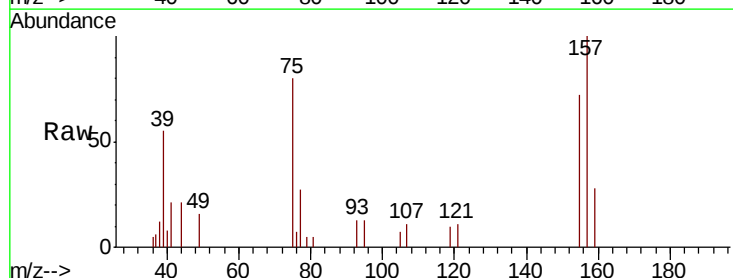
Instrument :
 MSVOA_U
 ClientSampleId :

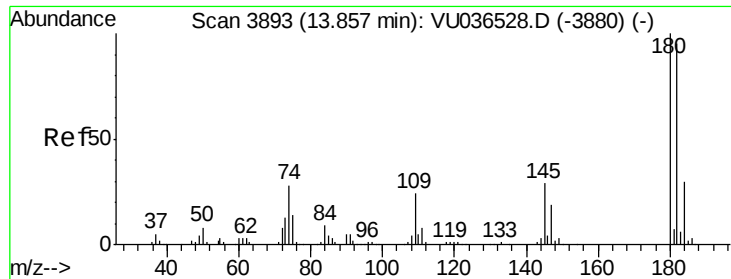
Tot Ion:146 Resp: 43968
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.4
 148 63.3 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.994 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 75 Resp: 3118
 Ion Ratio Lower Upper
 75 100
 155 76.8 71.8 107.8
 157 110.2 92.4 138.6

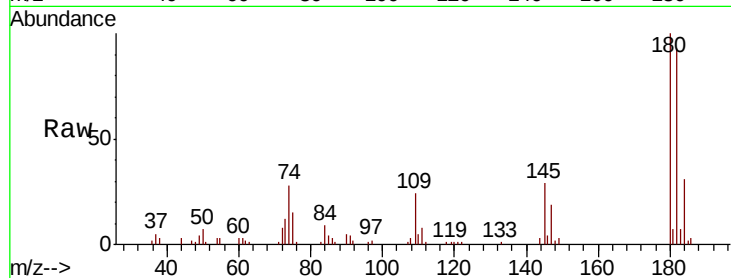




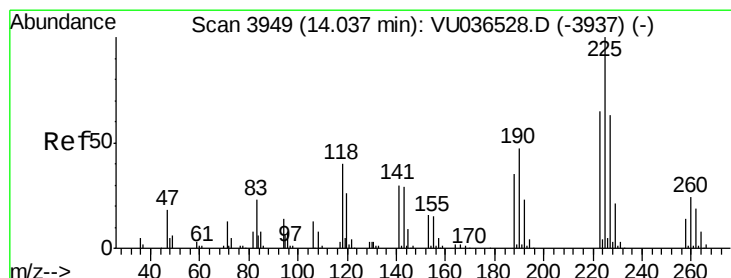
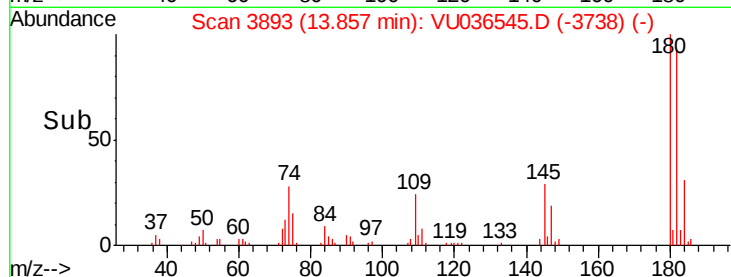
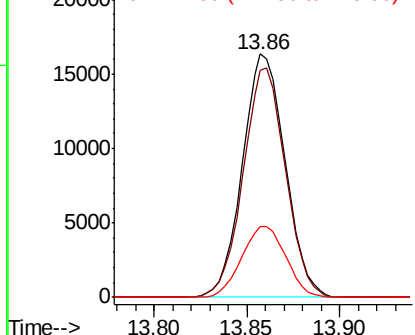
#87
 1,2,4-Trichlorobenzene
 Concen: 1.878 ug/l
 RT: 13.86 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 26143
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.9 113.9
 145 30.0 23.4 35.2

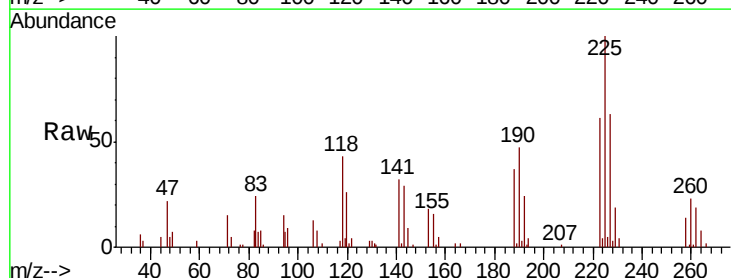


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

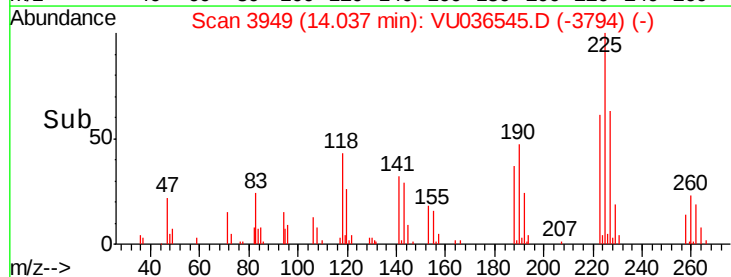
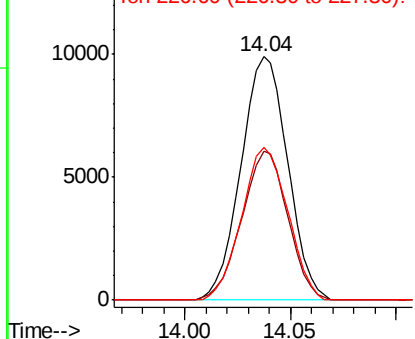


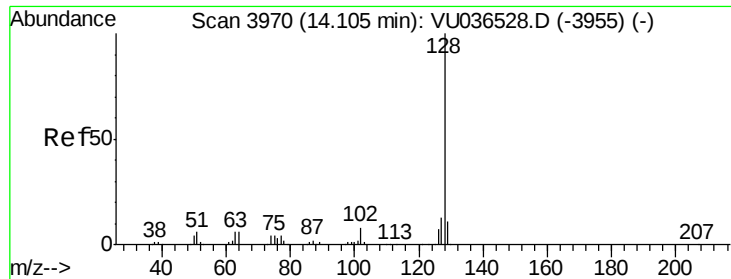
#88
 Hexachlorobutadiene
 Concen: 1.999 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion:225 Resp: 15250
 Ion Ratio Lower Upper
 225 100
 223 60.3 51.7 77.5
 227 61.9 50.6 75.8



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.791 ug/l

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

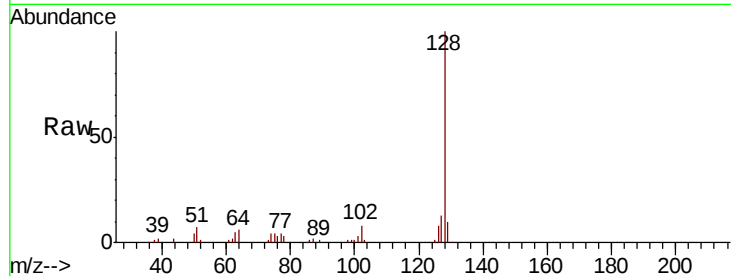
Tot Ion:128 Resp: 42951

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

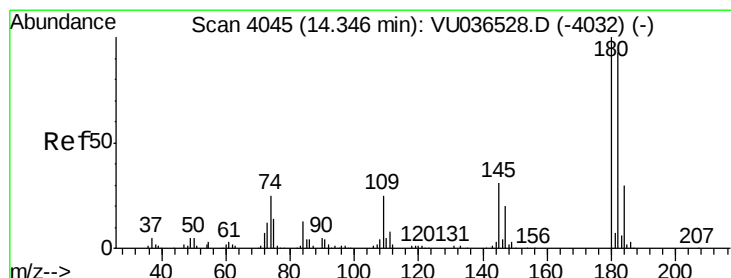
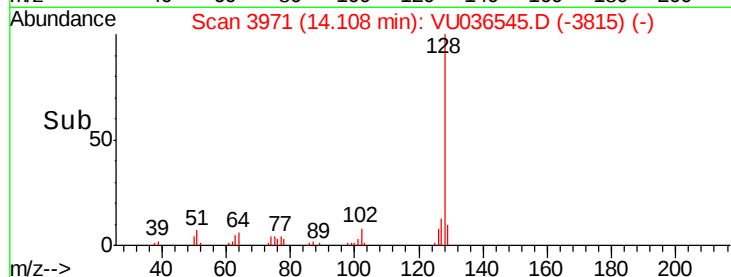
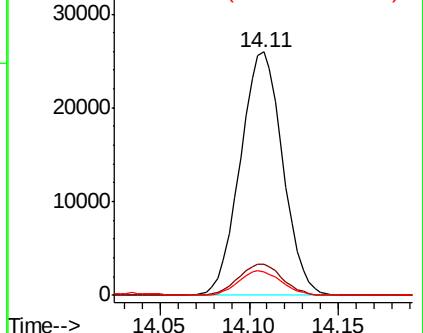
129 10.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.896 ug/l

RT: 14.35 min Scan# 4046

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

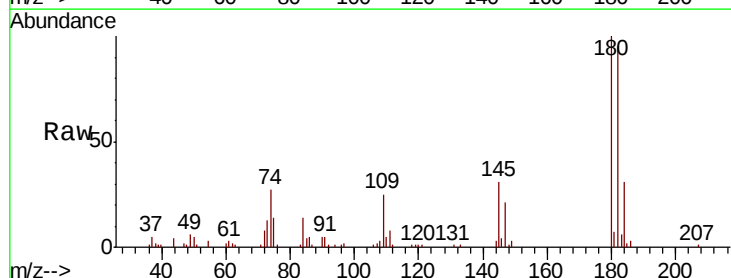
Tgt Ion:180 Resp: 24828

Ion Ratio Lower Upper

180 100

182 96.4 76.2 114.4

145 30.9 25.2 37.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

