

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034090.D
 Acq On : 30 Aug 2019 12:02
 Operator : JC/SP
 Sample : VU0831WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 15:25:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	428114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	695833	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	666952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	358566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	244041	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
35) Dibromofluoromethane	4.86	113	208755	43.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.50%	
50) Toluene-d8	7.55	98	806368	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
62) 4-Bromofluorobenzene	10.29	95	300759	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84370	19.595	ug/l	99
3) Chloromethane	1.32	50	103575	16.617	ug/l	99
4) Vinyl Chloride	1.40	62	108897	19.003	ug/l	100
5) Bromomethane	1.62	94	48490	13.317	ug/l	95
6) Chloroethane	1.69	64	65736	18.763	ug/l	99
7) Trichlorofluoromethane	1.88	101	129092	19.442	ug/l	98
8) Diethyl Ether	2.09	74	56264	19.808	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	81410	19.354	ug/l	98
10) Methyl Iodide	2.40	142	41156	6.897	ug/l	100
11) Tert butyl alcohol	2.81	59	108533	85.796	ug/l	100
12) 1,1-Dichloroethene	2.27	96	84709	19.765	ug/l	98
13) Acrolein	2.18	56	38375	72.112	ug/l	100
14) Allyl chloride	2.58	41	139849	17.355	ug/l	94
15) Acrylonitrile	2.92	53	282256	97.236	ug/l	100
16) Acetone	2.31	43	253616	90.610	ug/l	97
17) Carbon Disulfide	2.47	76	243977	17.986	ug/l	99
18) Methyl Acetate	2.60	43	131766	18.217	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	284783	20.280	ug/l	99
20) Methylene Chloride	2.69	84	98752	18.637	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	90925	19.548	ug/l	99
22) Diisopropyl ether	3.55	45	301562	20.423	ug/l	95
23) Vinyl Acetate	3.50	43	1250664	98.599	ug/l	100
24) 1,1-Dichloroethane	3.43	63	174253	19.989	ug/l	99
25) 2-Butanone	4.24	43	378592	97.221	ug/l	100
26) 2,2-Dichloropropane	4.20	77	136699	19.271	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	102946	19.718	ug/l	98
28) Bromochloromethane	4.52	49	78671	18.317	ug/l	98
29) Tetrahydrofuran	4.61	42	243220	101.278	ug/l	98
30) Chloroform	4.65	83	168866	19.415	ug/l	99
31) Cyclohexane	4.97	56	154186	18.823	ug/l	94
32) 1,1,1-Trichloroethane	4.89	97	141795	19.905	ug/l	98
36) 1,1-Dichloropropene	5.12	75	122392	18.596	ug/l	100
37) Ethyl Acetate	4.36	43	138097	18.737	ug/l	99
38) Carbon Tetrachloride	5.11	117	119616	18.828	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034090.D
 Acq On : 30 Aug 2019 12:02
 Operator : JC/SP
 Sample : VU0831WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 15:25:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	143031	18.438	ug/l	97
40) Benzene	5.37	78	379469	19.056	ug/l	99
41) Methacrylonitrile	4.52	41	73301	19.392	ug/l	100
42) 1,2-Dichloroethane	5.38	62	132182	19.223	ug/l	99
43) Isopropyl Acetate	5.53	43	212722	18.971	ug/l	100
44) Trichloroethene	6.17	130	101563	19.422	ug/l	95
45) 1,2-Dichloropropane	6.41	63	104703	19.101	ug/l	97
46) Dibromomethane	6.54	93	67447	19.098	ug/l	100
47) Bromodichloromethane	6.74	83	130806	18.931	ug/l	99
48) Methyl methacrylate	6.60	41	98833	18.266	ug/l	98
49) 1,4-Dioxane	6.59	88	45634	336.608	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	715425	92.389	ug/l	100
52) Toluene	7.62	92	240655	19.618	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	141680	18.480	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	158501	18.923	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	95869	18.476	ug/l	99
56) Ethyl methacrylate	8.00	69	141489	17.091	ug/l	99
57) 1,3-Dichloropropane	8.22	76	166833	18.936	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	264823	92.254	ug/l	100
59) 2-Hexanone	8.34	43	534281	91.396	ug/l	100
60) Dibromochloromethane	8.46	129	102421	18.389	ug/l	98
61) 1,2-Dibromoethane	8.57	107	101713	18.609	ug/l	99
64) Tetrachloroethene	8.21	164	90200	20.138	ug/l	99
65) Chlorobenzene	9.10	112	263363	19.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	92336	18.553	ug/l	98
67) Ethyl Benzene	9.23	91	450026	19.343	ug/l	99
68) m/p-Xylenes	9.36	106	351747	39.760	ug/l	98
69) o-Xylene	9.76	106	163146	19.222	ug/l	98
70) Styrene	9.77	104	289995	19.927	ug/l	98
71) Bromoform	9.94	173	77171	17.847	ug/l #	98
73) Isopropylbenzene	10.15	105	445145	18.482	ug/l	100
74) N-amyl acetate	10.00	43	181039	17.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	162530	17.631	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	179617	22.226	ug/l	85
77) Bromobenzene	10.43	156	118580	18.303	ug/l	99
78) n-propylbenzene	10.57	91	529002	18.860	ug/l	100
79) 2-Chlorotoluene	10.64	91	315596	18.759	ug/l	99
80) 1,3,5-Trimethylbenzene	10.76	105	389153	19.064	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	179617	74.840	ug/l #	100
82) 4-Chlorotoluene	10.76	91	365402	18.885	ug/l	100
83) tert-Butylbenzene	11.08	119	361976	18.013	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	393137	19.395	ug/l	99
85) sec-Butylbenzene	11.31	105	445714	18.506	ug/l	100
86) p-Isopropyltoluene	11.46	119	408940	18.773	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	214361	18.689	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	218788	18.861	ug/l	99
89) n-Butylbenzene	11.87	91	365877	19.051	ug/l	99
90) Hexachloroethane	12.12	117	58305	15.481	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	209302	19.049	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	33243	18.101	ug/l	98

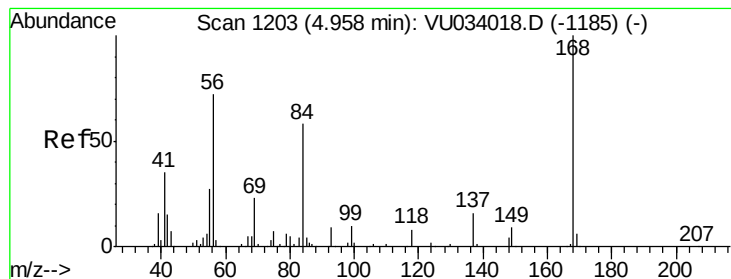
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083119\
Data File : VU034090.D
Acq On : 30 Aug 2019 12:02
Operator : JC/SP
Sample : VU0831WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 30 15:25:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	145252	19.286	ug/l	99
94) Hexachlorobutadiene	13.67	225	71021	16.524	ug/l	98
95) Naphthalene	13.73	128	455693	21.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	146393	20.799	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

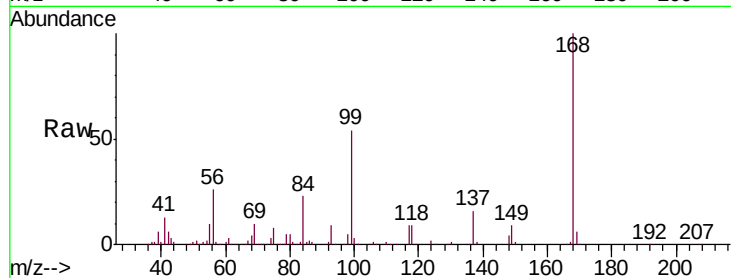
ClientSampleId :

Tot Ion:168 Resp: 428114

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

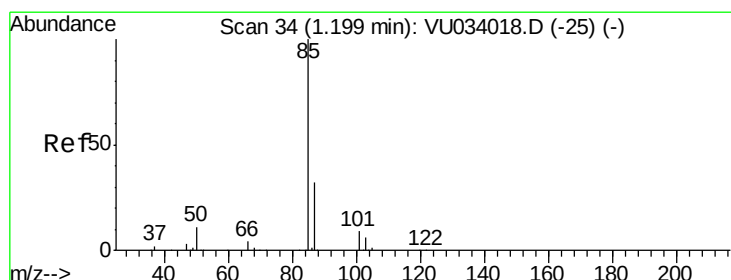
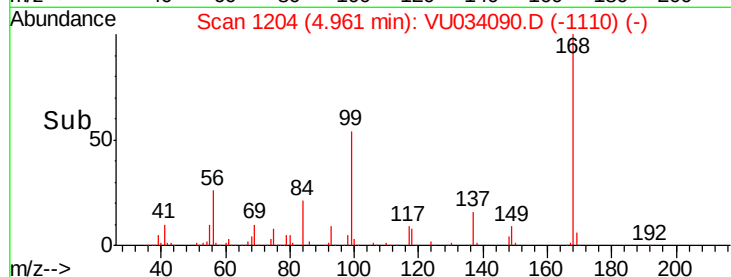
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 19.595 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034090.D

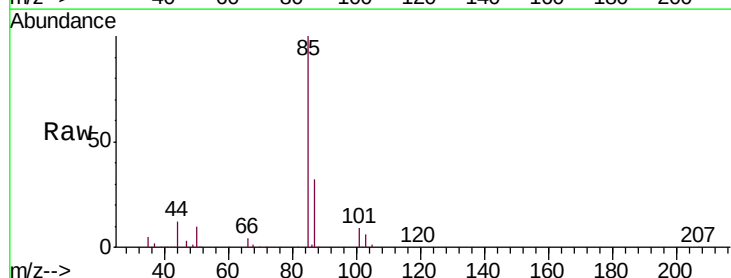
Acq: 30 Aug 2019 12:02

Tgt Ion: 85 Resp: 84370

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034018.D (-25) (-)

1.20

100000

80000

60000

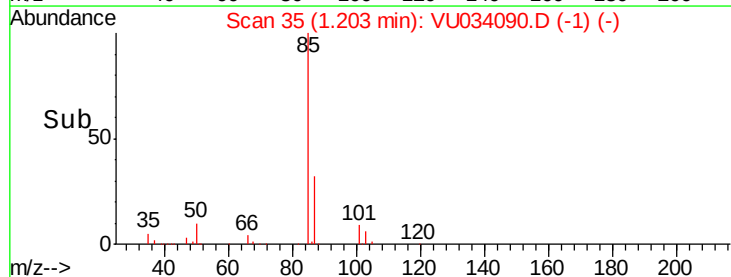
40000

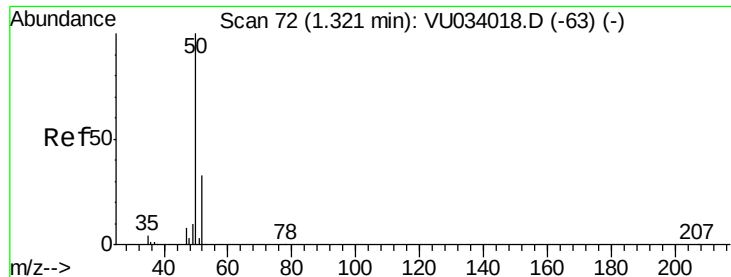
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.617 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

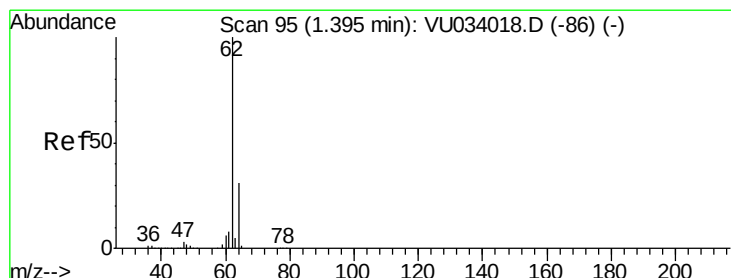
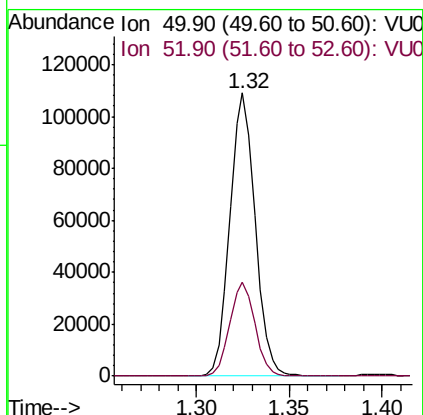
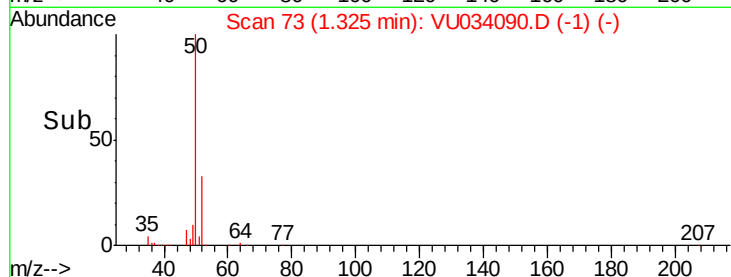
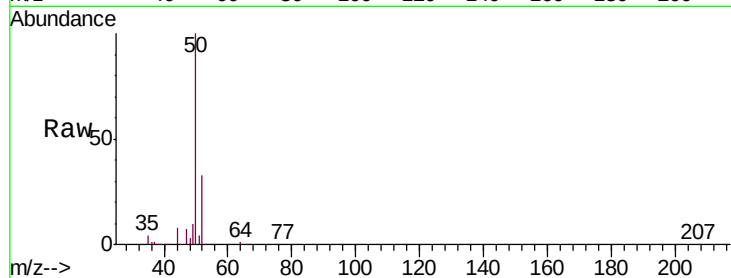
ClientSampleId :

Tot Ion: 50 Resp: 103575

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 19.003 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034090.D

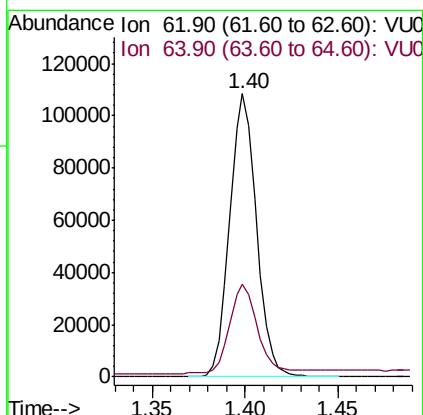
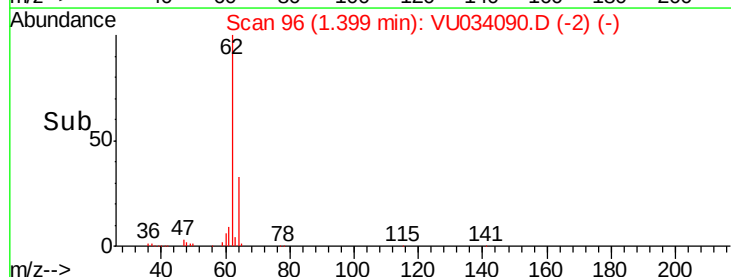
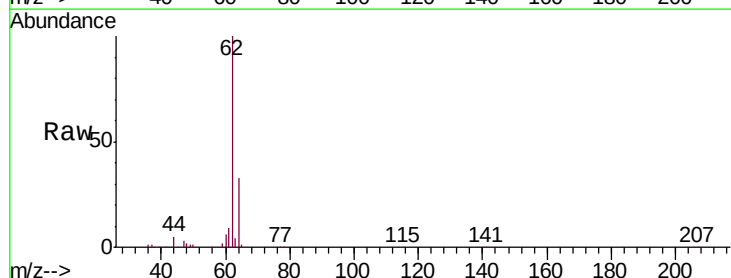
Acq: 30 Aug 2019 12:02

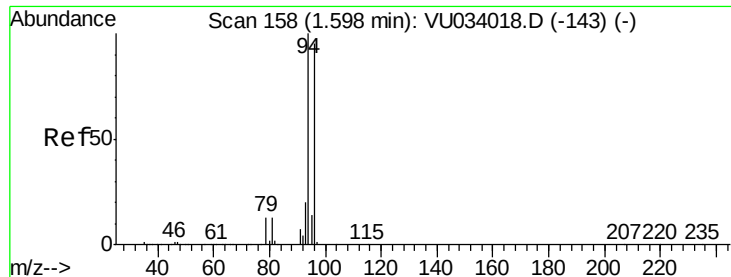
Tgt Ion: 62 Resp: 108897

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.6





#5

Bromomethane

Concen: 13.317 ug/l

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

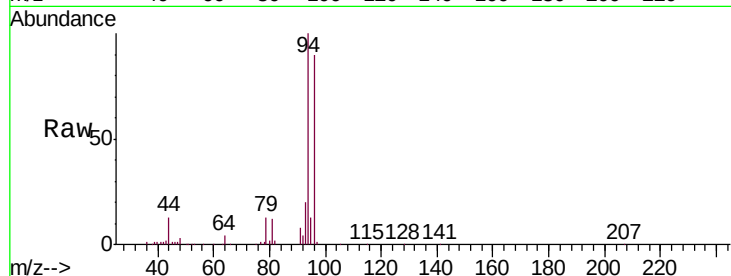
ClientSampleId :

Tot Ion: 94 Resp: 48490

Ion Ratio Lower Upper

94 100

96 90.1 76.3 114.5

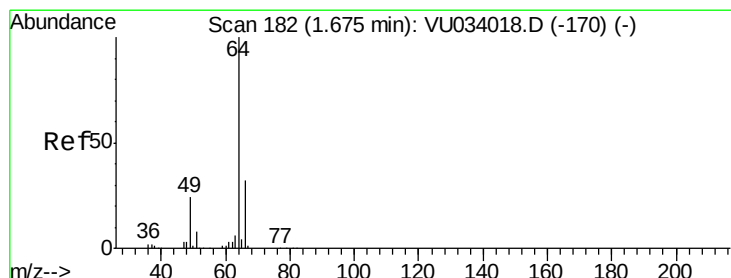
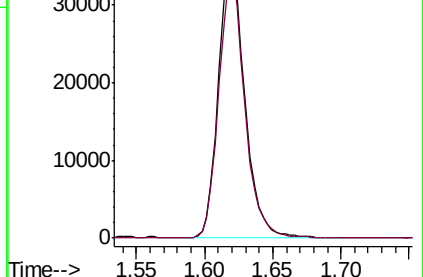
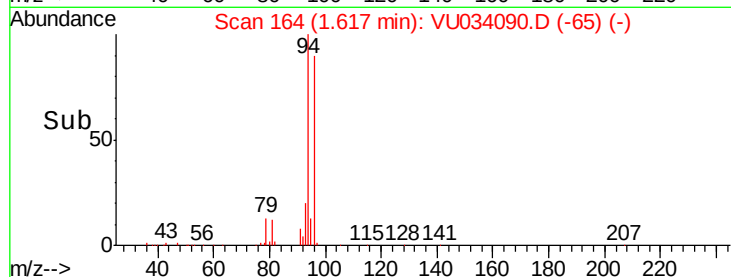


Abundance Ion 93.90 (93.60 to 94.60): VU034090.D (-65) (-)

Ion 95.90 (95.60 to 96.60): VU034090.D (-65) (-)

1.62

Time-->



#6

Chloroethane

Concen: 18.763 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.02 min

Lab File: VU034090.D

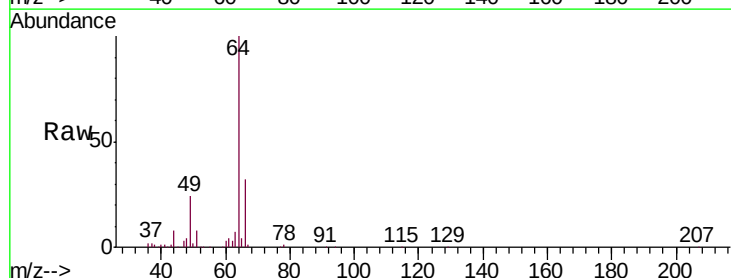
Acq: 30 Aug 2019 12:02

Tgt Ion: 64 Resp: 65736

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3

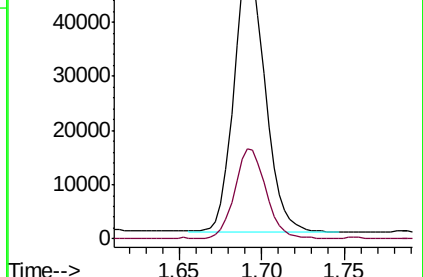
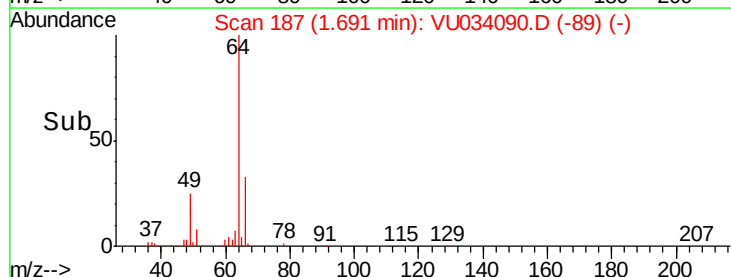


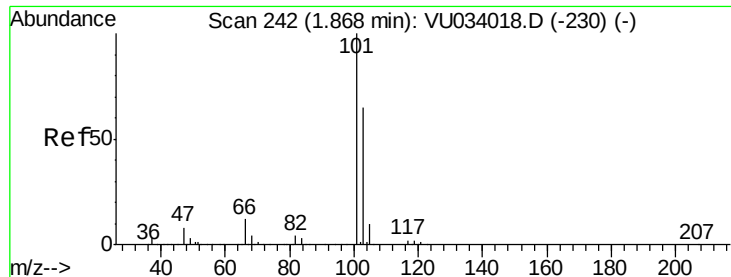
Abundance Ion 63.90 (63.60 to 64.60): VU034090.D (-89) (-)

Ion 65.90 (65.60 to 66.60): VU034090.D (-89) (-)

1.69

Time-->



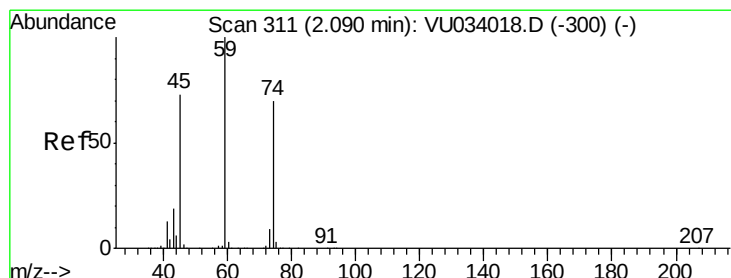
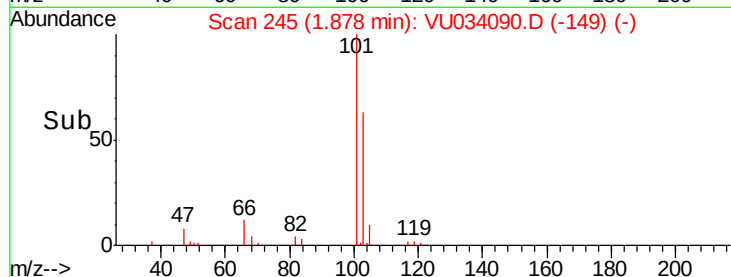
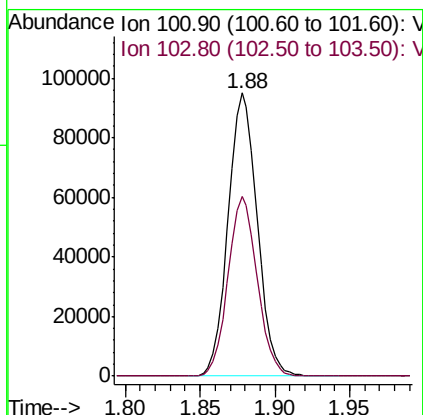
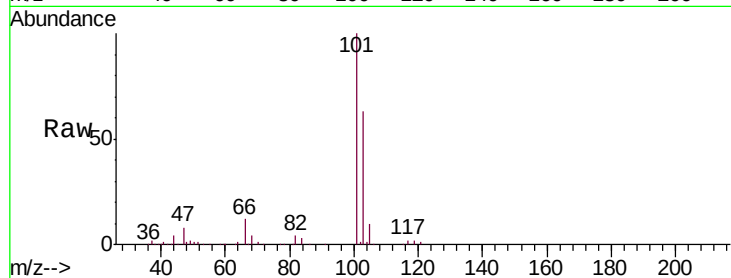


#7

Trichlorofluoromethane
 Concen: 19.442 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Instrument :
 MSVOA_U
 ClientSampled :

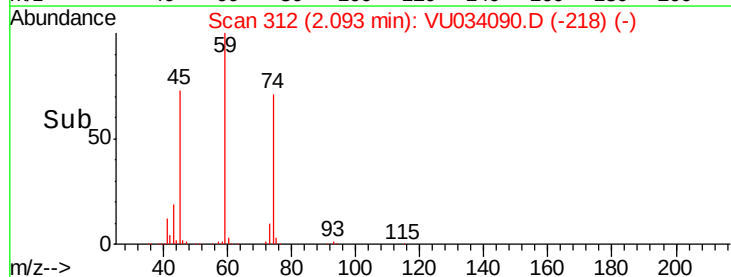
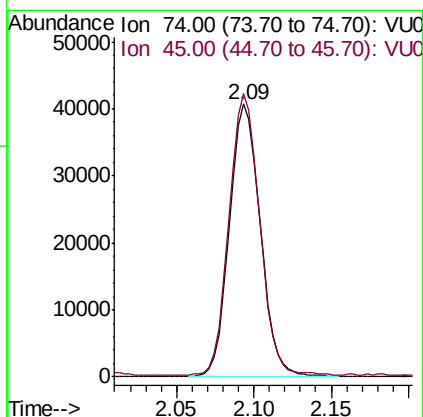
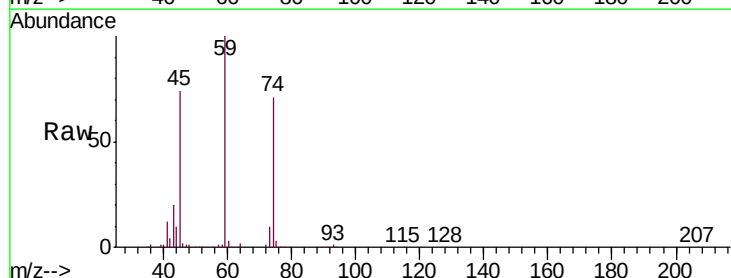
Tot Ion:101 Resp: 129092
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.1 78.1

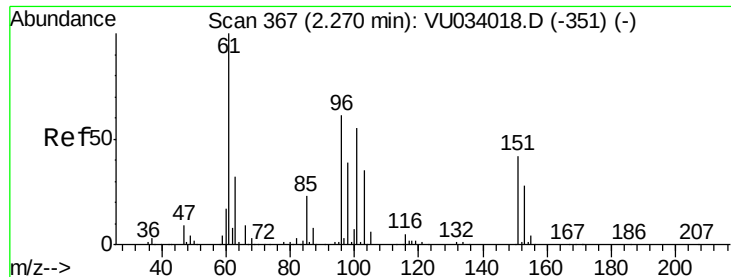


#8

Diethyl Ether
 Concen: 19.808 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion: 74 Resp: 56264
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.354 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

ClientSampled :

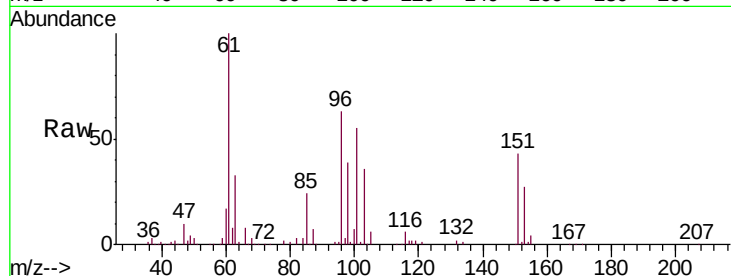
Tot Ion:101 Resp: 81410

Ion Ratio Lower Upper

101 100

85 43.9 34.2 51.2

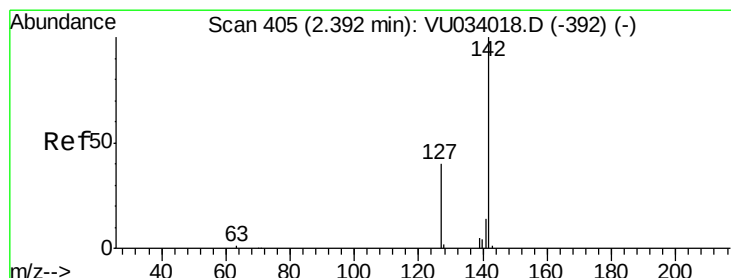
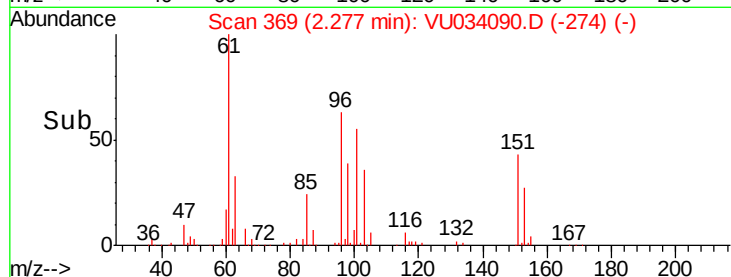
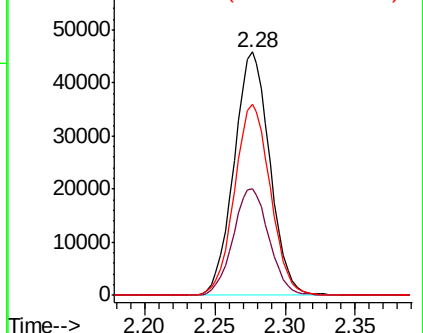
151 78.6 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.897 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

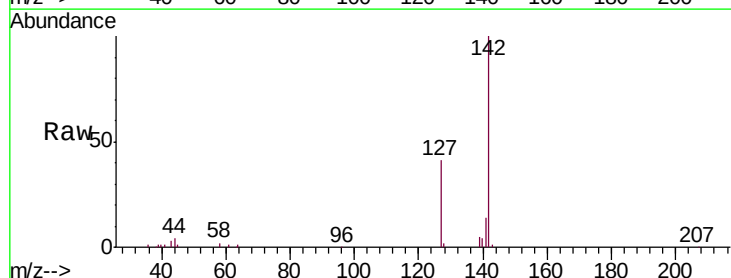
Tgt Ion:142 Resp: 41156

Ion Ratio Lower Upper

142 100

127 40.9 32.6 48.8

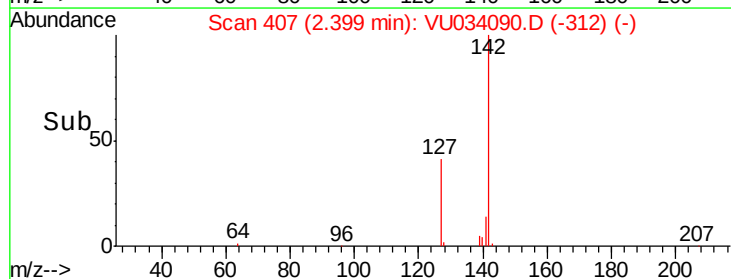
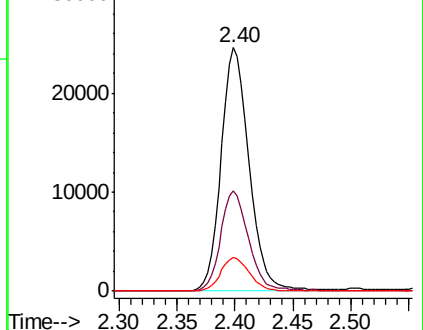
141 14.1 11.3 16.9

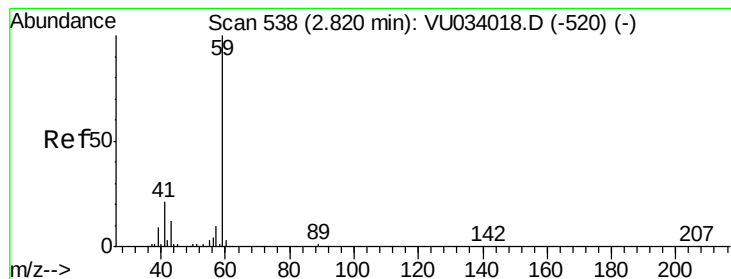


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



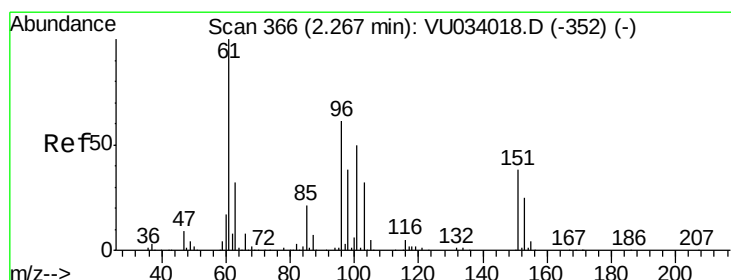
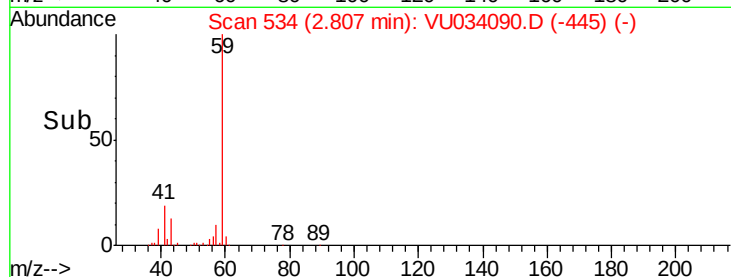
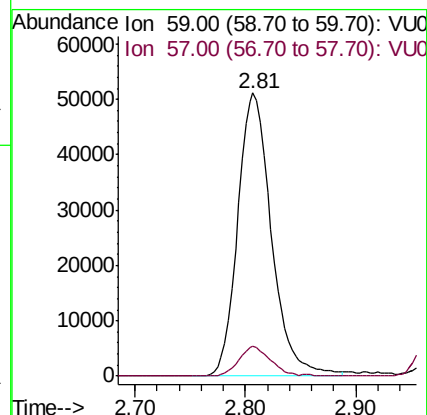
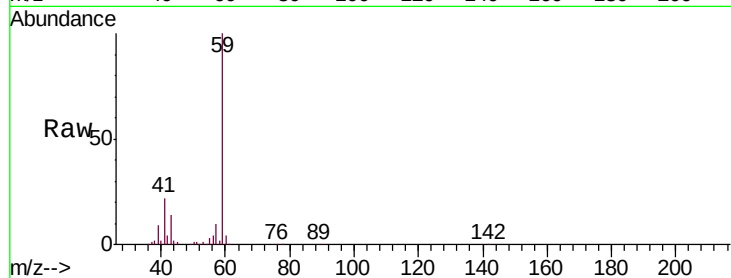


#11

Tert butyl alcohol
 Concen: 85.796 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Instrument :
 MSVOA_U
 ClientSampled :

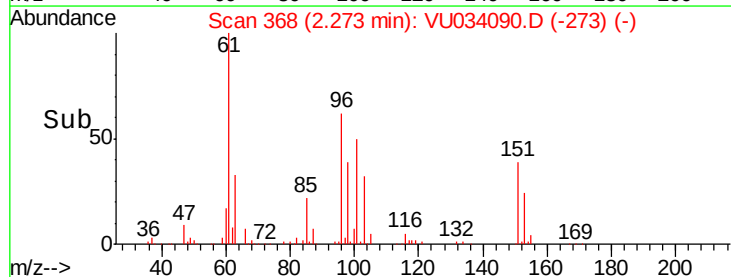
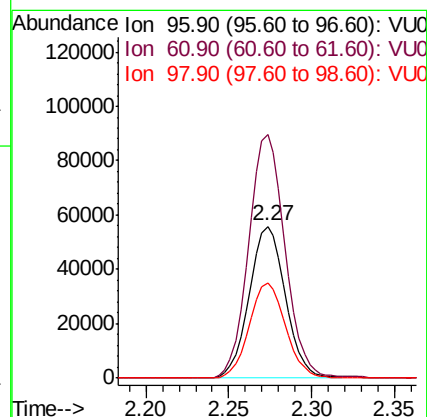
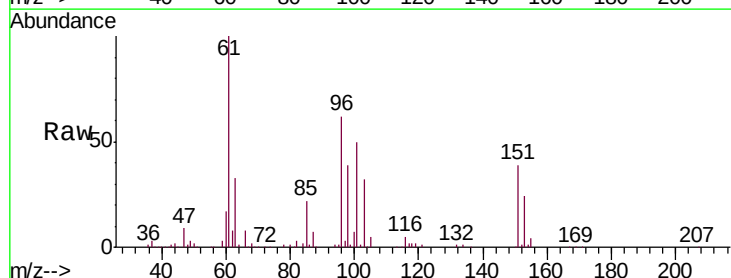
Tot Ion: 59 Resp: 108533
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

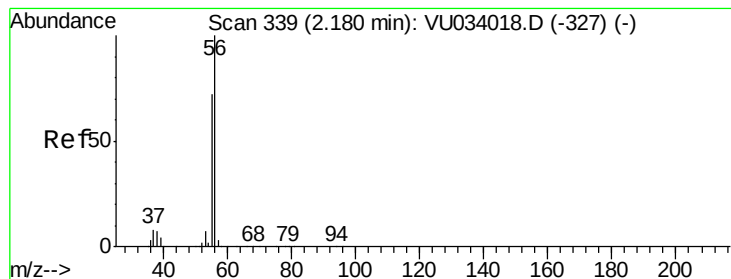


#12

1,1-Dichloroethene
 Concen: 19.765 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion: 96 Resp: 84709
 Ion Ratio Lower Upper
 96 100
 61 160.5 131.3 196.9
 98 62.5 50.3 75.5





#13

Acrolein

Concen: 72.112 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

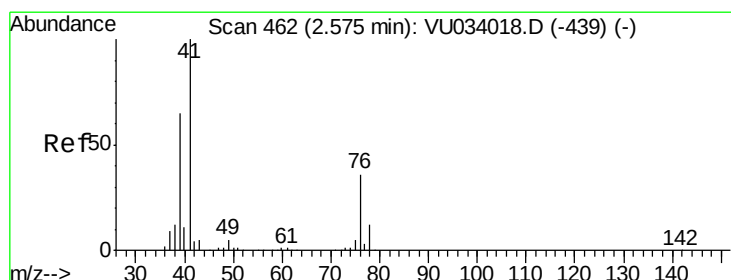
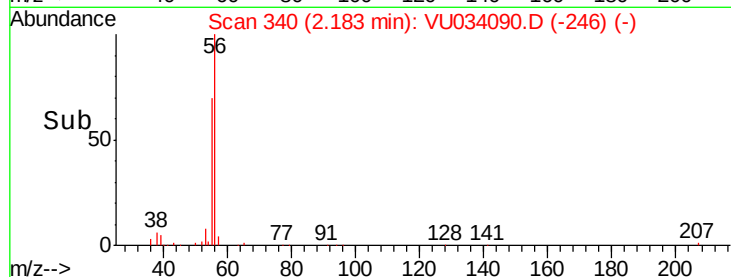
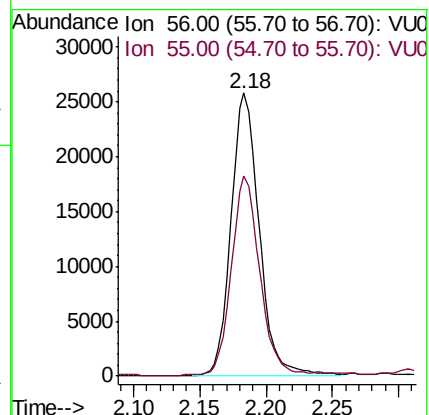
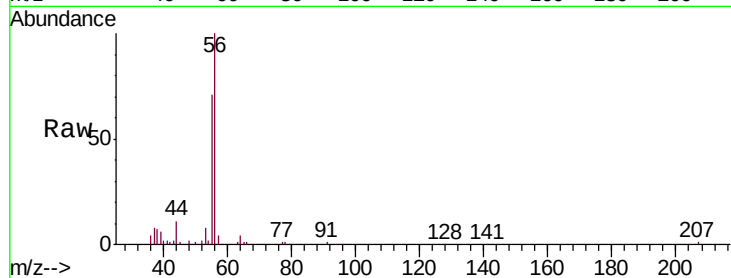
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 38375

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 17.355 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

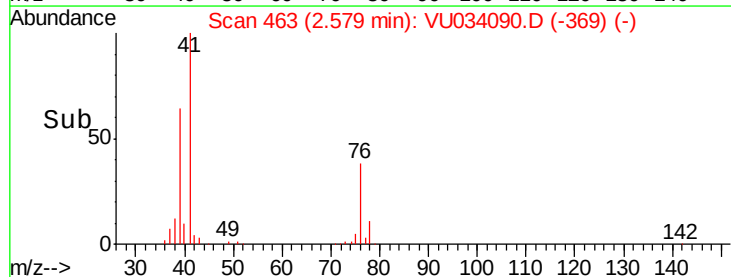
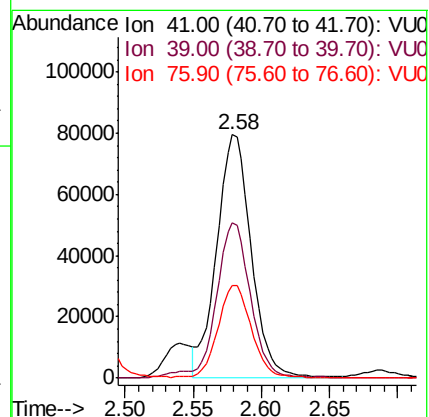
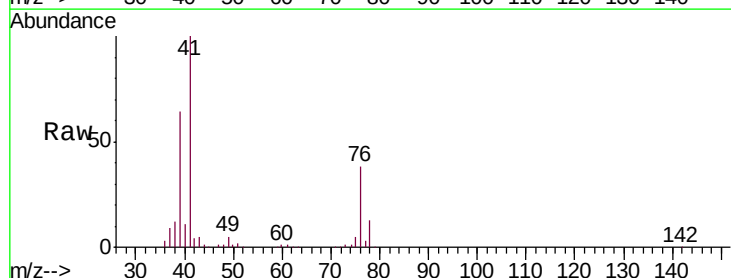
Tgt Ion: 41 Resp: 139849

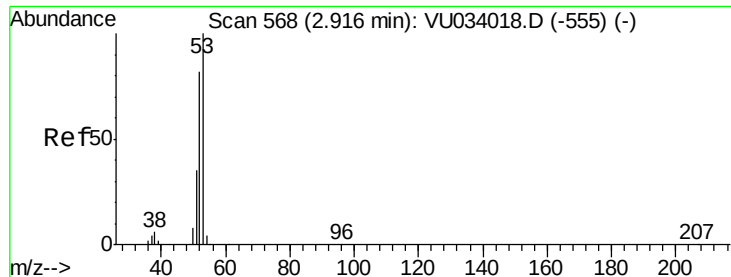
Ion Ratio Lower Upper

41 100

39 62.8 46.8 70.2

76 37.0 26.6 40.0





#15

Acrylonitrile

Concen: 97.236 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampled :

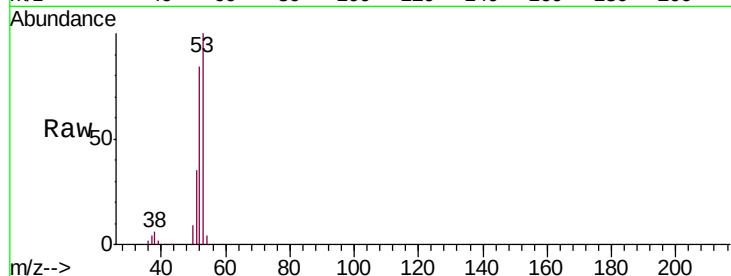
Tot Ion: 53 Resp: 282256

Ion Ratio Lower Upper

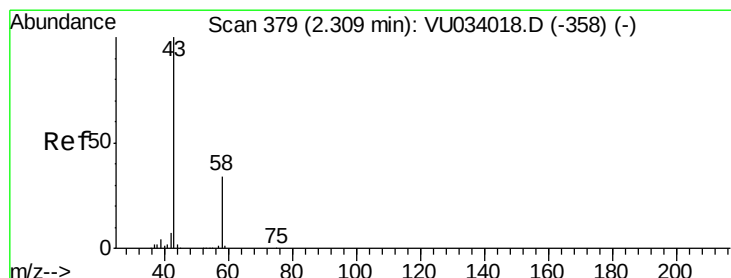
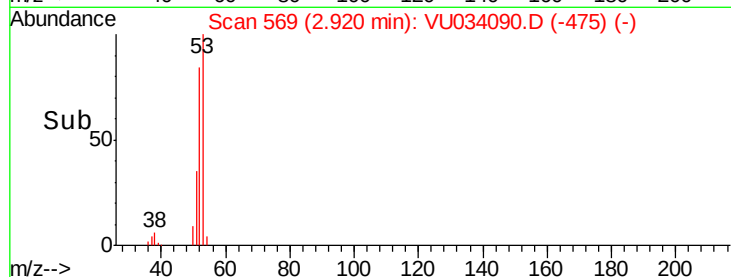
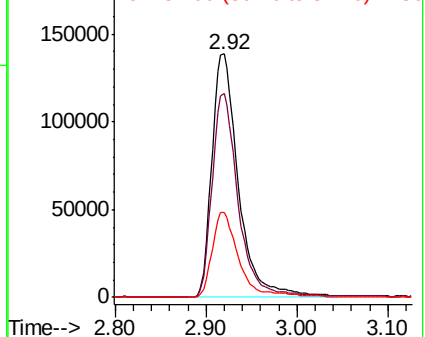
53 100

52 82.3 65.7 98.5

51 35.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 90.610 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034090.D

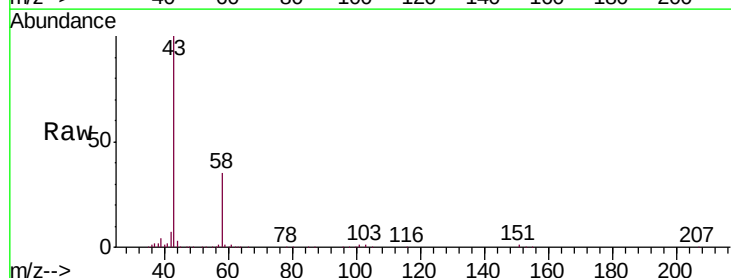
Acq: 30 Aug 2019 12:02

Tgt Ion: 43 Resp: 253616

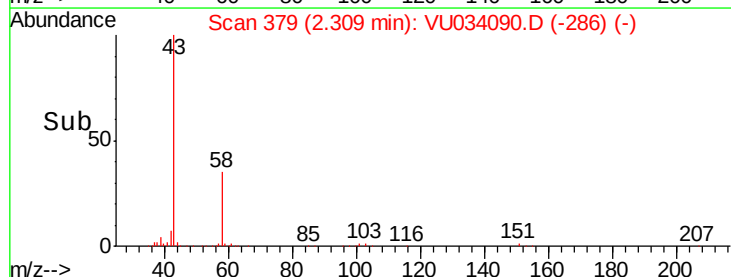
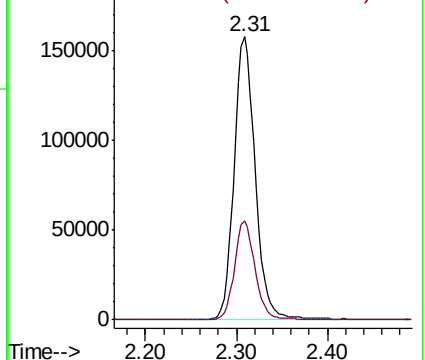
Ion Ratio Lower Upper

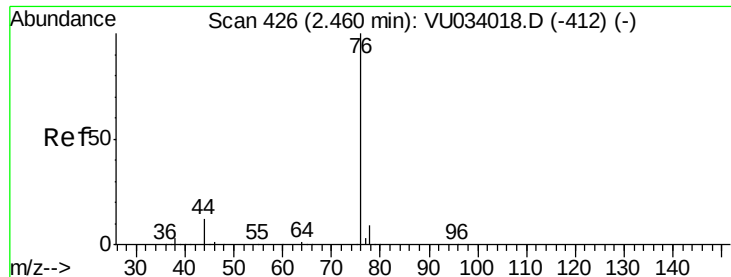
43 100

58 35.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

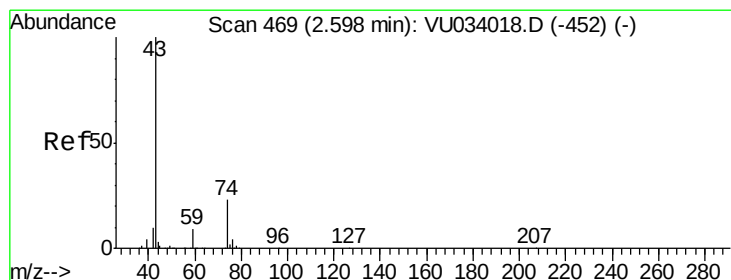
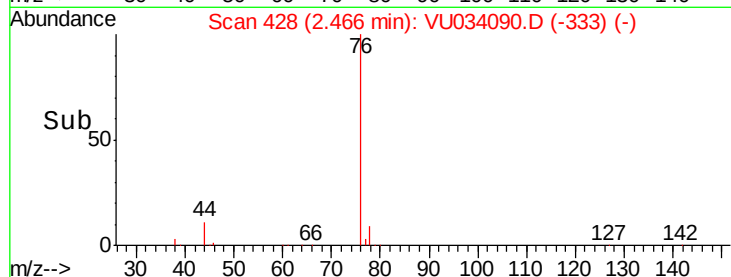
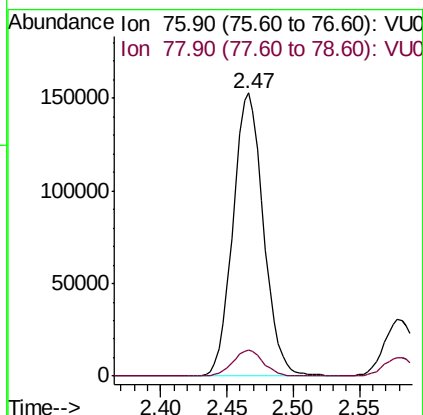
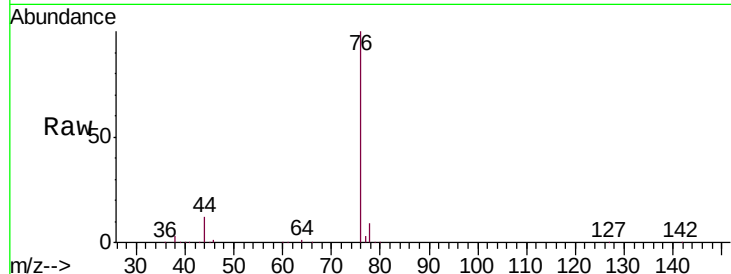




#17
Carbon Disulfide
Concen: 17.986 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

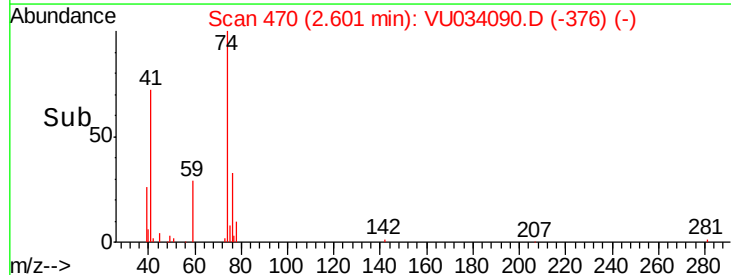
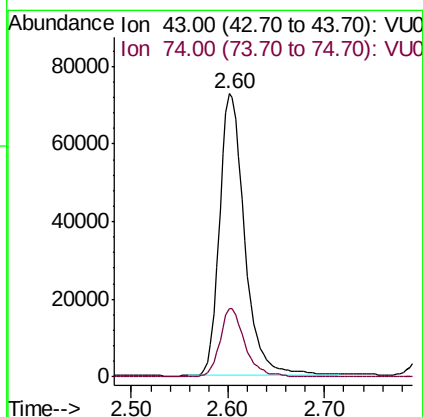
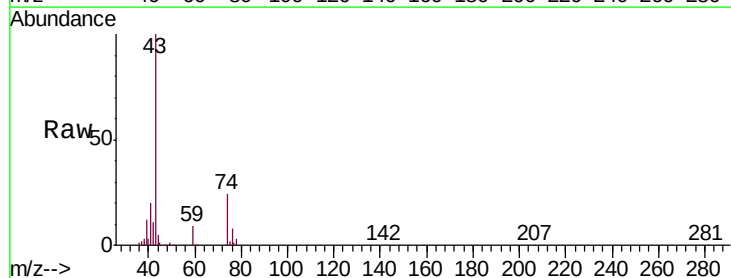
Instrument :
MSVOA_U
ClientSampleId :

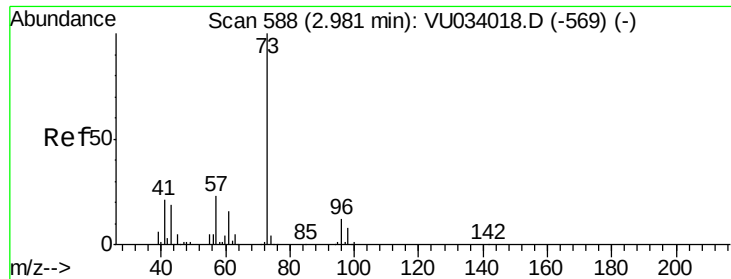
Tot Ion: 76 Resp: 243977
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 18.217 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 43 Resp: 131766
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8



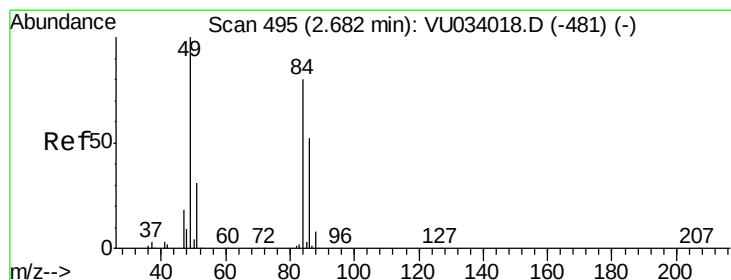
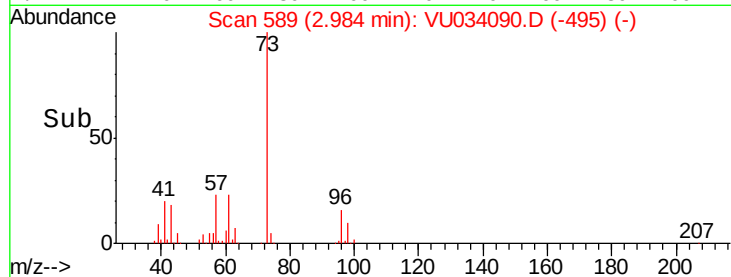
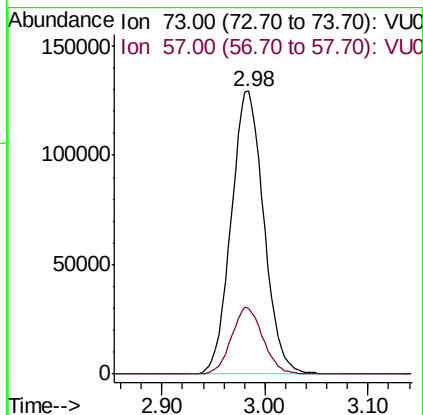
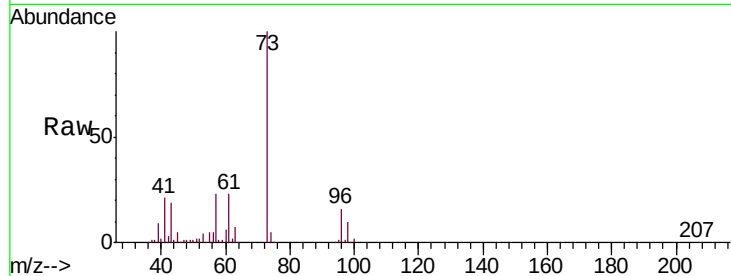


#19

Methyl tert-butyl Ether
 Concen: 20.280 ug/l
 RT: 2.98 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Instrument :
 MSVOA_U
 ClientSampled :

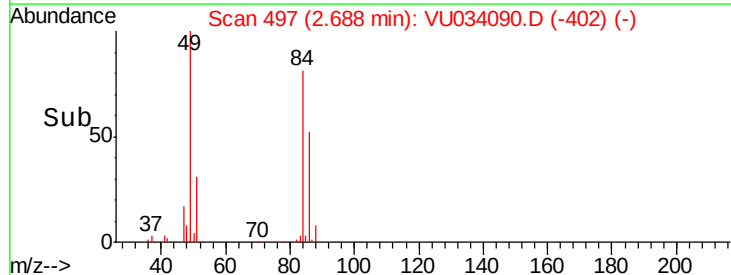
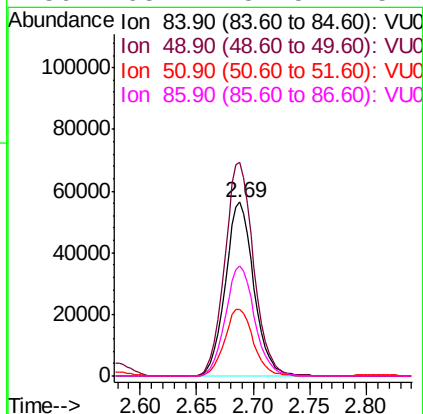
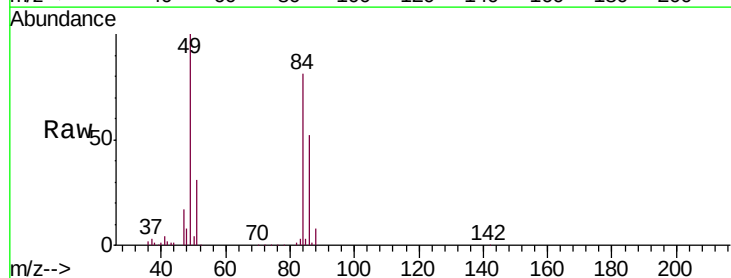
Tot Ion: 73 Resp: 284783
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.3 27.5

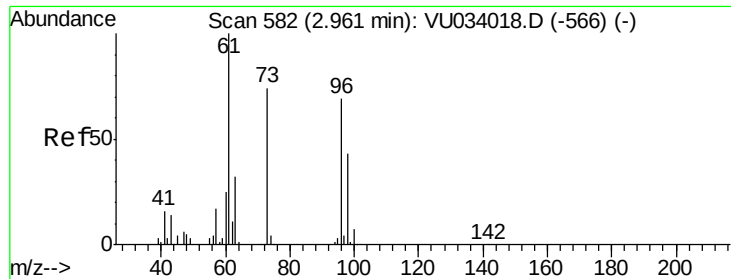


#20

Methylene Chloride
 Concen: 18.637 ug/l
 RT: 2.69 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion: 84 Resp: 98752
 Ion Ratio Lower Upper
 84 100
 49 123.1 100.2 150.4
 51 38.5 30.8 46.2
 86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.548 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

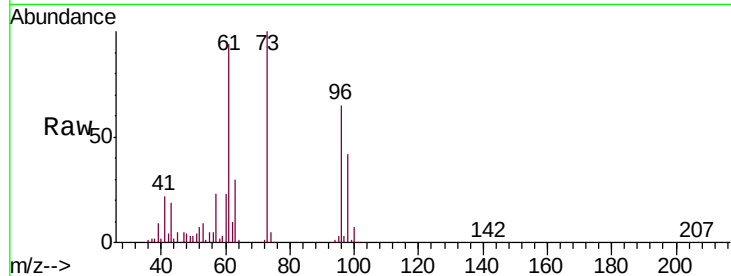
Tot Ion: 96 Resp: 90925

Ion Ratio Lower Upper

96 100

61 144.2 115.5 173.3

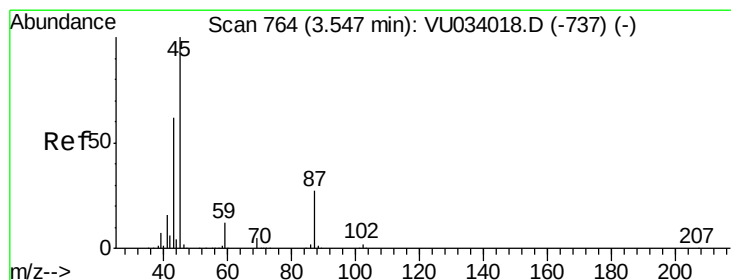
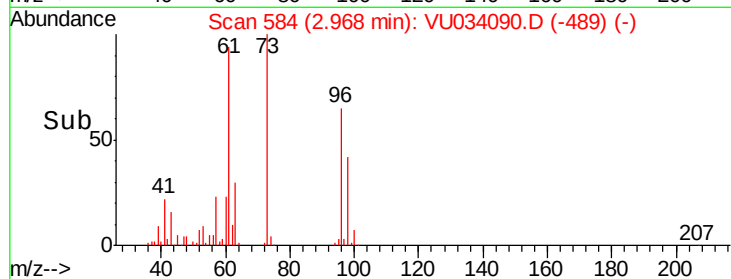
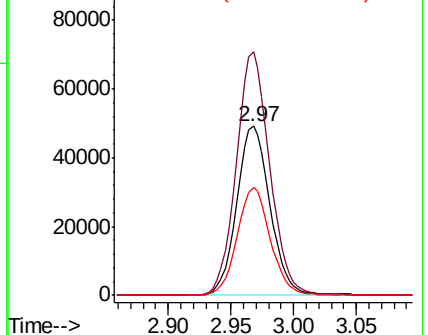
98 63.6 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034090.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU034090.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU034090.D (-489) (-)



#22

Diisopropyl ether

Concen: 20.423 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Tgt Ion: 45 Resp: 301562

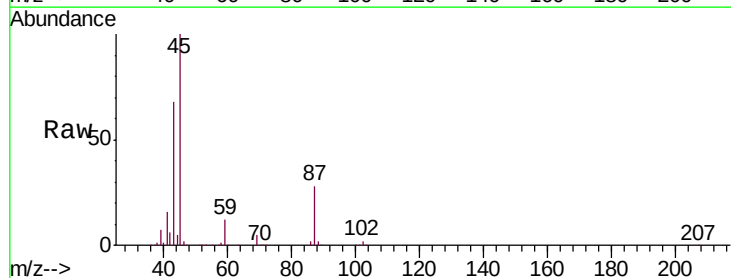
Ion Ratio Lower Upper

45 100

43 68.1 49.7 74.5

87 28.2 21.8 32.8

59 12.1 9.3 13.9

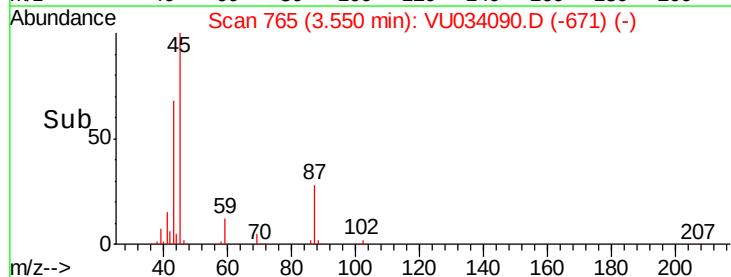
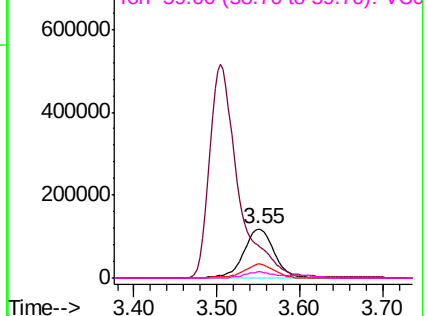


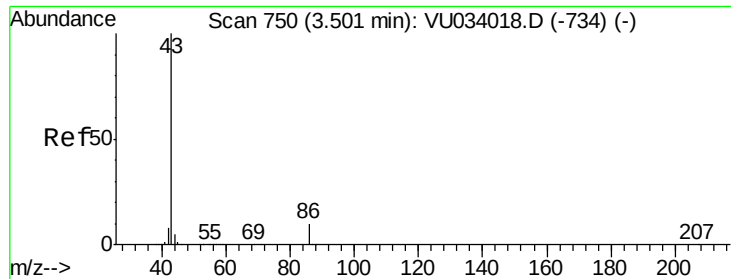
Abundance Ion 45.00 (44.70 to 45.70): VU034090.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VU034090.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VU034090.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VU034090.D (-671) (-)





#23

Vinyl Acetate

Concen: 98.599 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

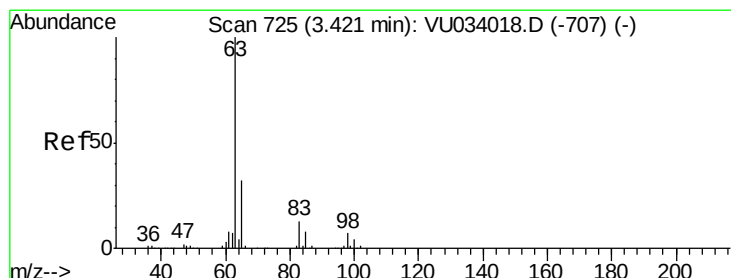
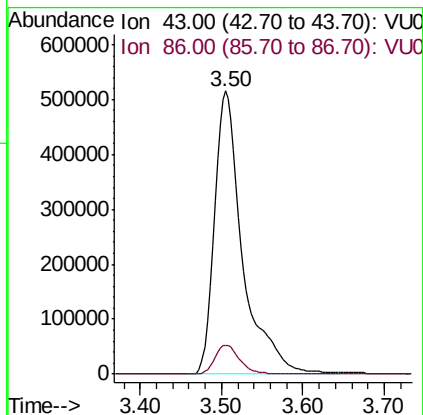
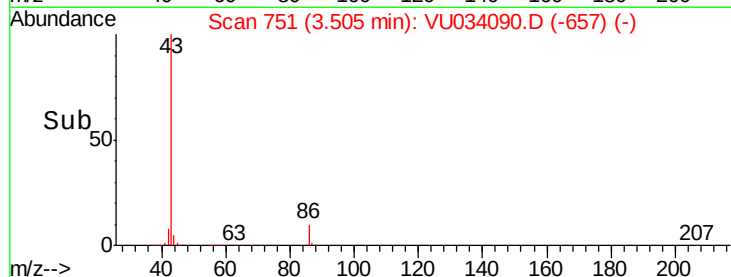
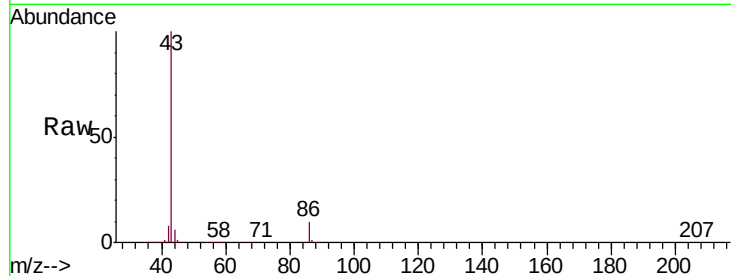
ClientSampleId :

Tot Ion: 43 Resp: 1250664

Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



#24

1,1-Dichloroethane

Concen: 19.989 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

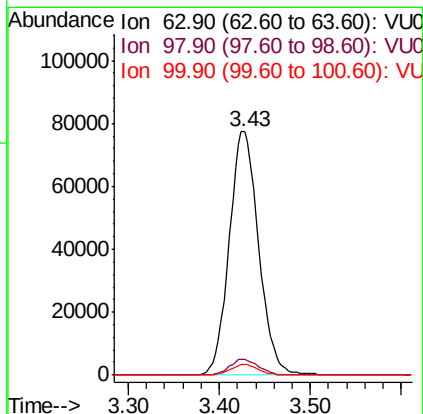
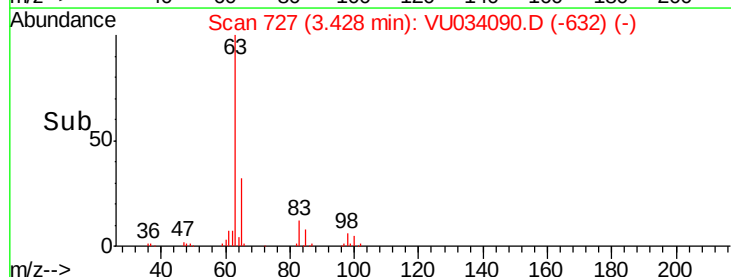
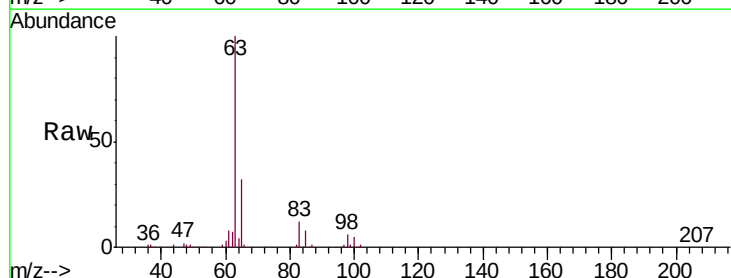
Tgt Ion: 63 Resp: 174253

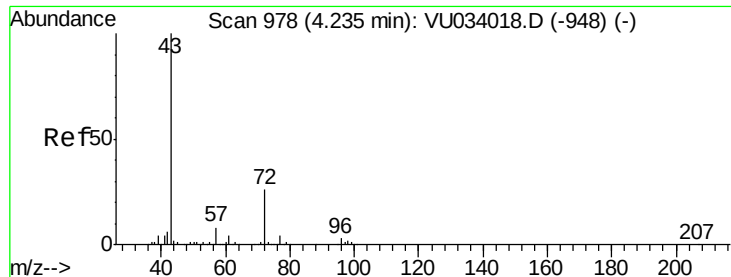
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 97.221 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

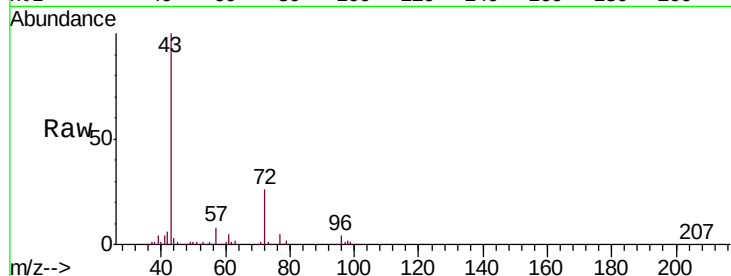
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 378592

Ion Ratio Lower Upper

43 100

72 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-948) (-)

Ion 72.00 (71.70 to 72.70): VU034018.D (-948) (-)

4.24

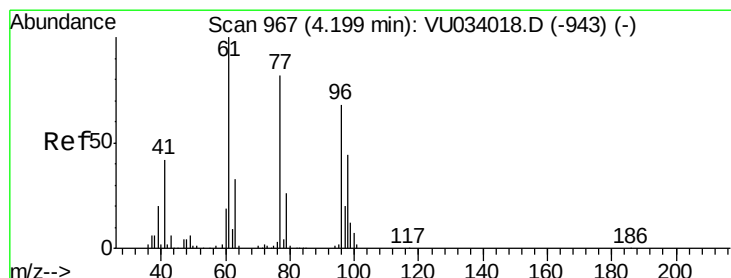
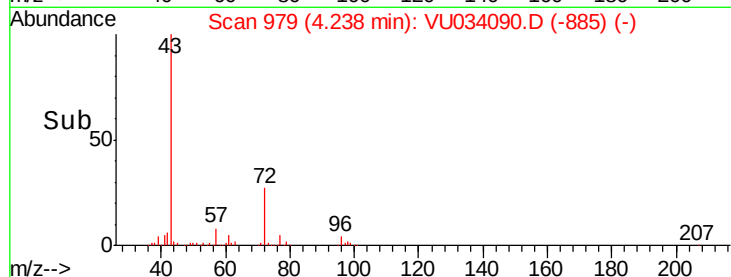
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 19.271 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034090.D

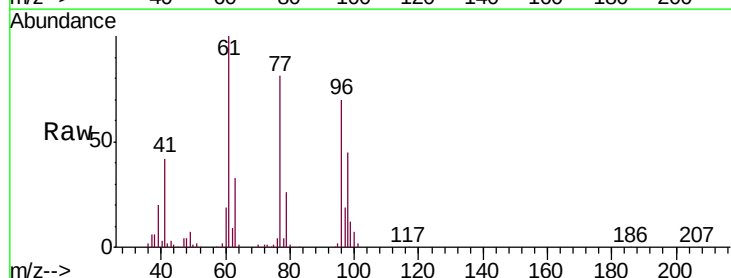
Acq: 30 Aug 2019 12:02

Tgt Ion: 77 Resp: 136699

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VU034018.D (-943) (-)

Ion 96.90 (96.60 to 97.60): VU034018.D (-943) (-)

4.20

60000

50000

40000

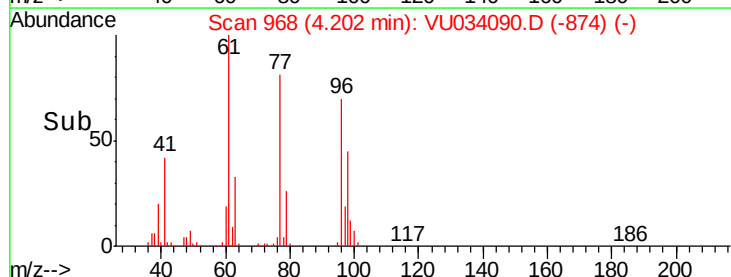
30000

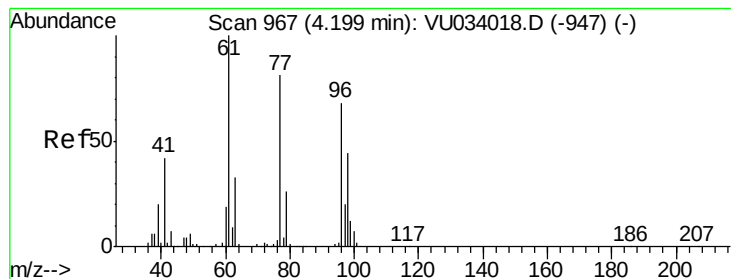
20000

10000

0

Time--> 4.10 4.20 4.30



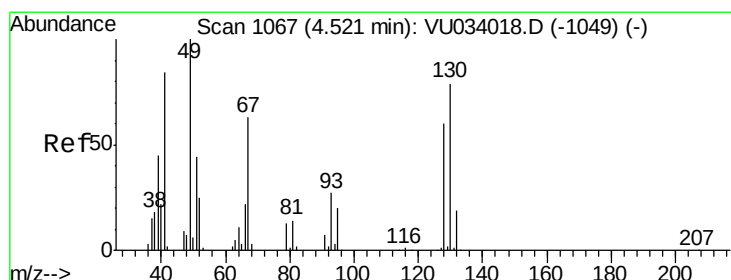
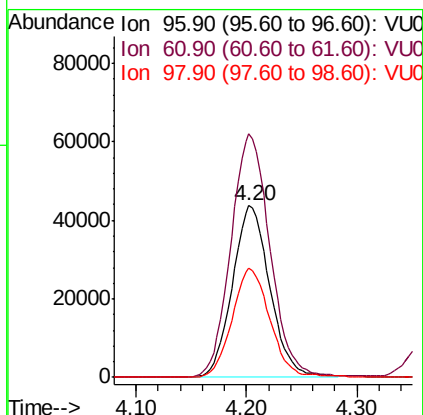
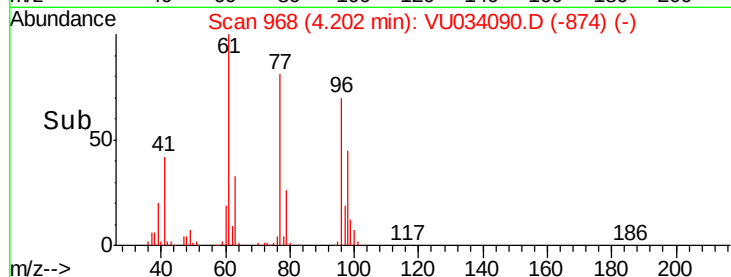
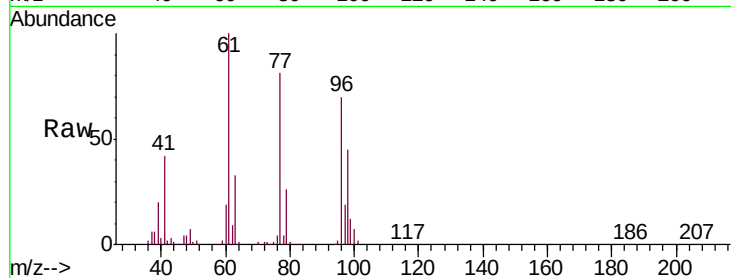


#27

cis-1,2-Dichloroethene
Concen: 19.718 ug/l
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :

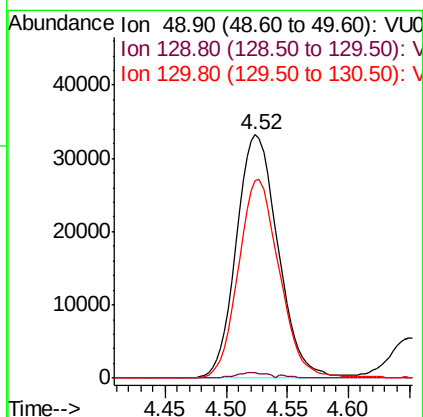
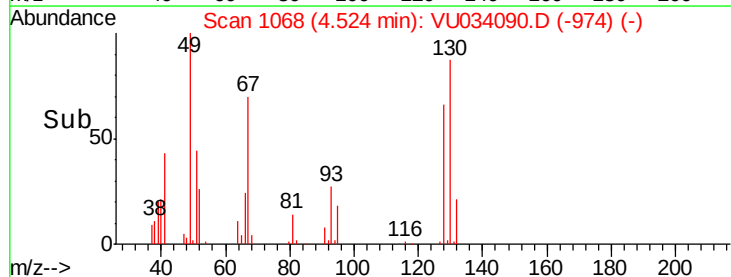
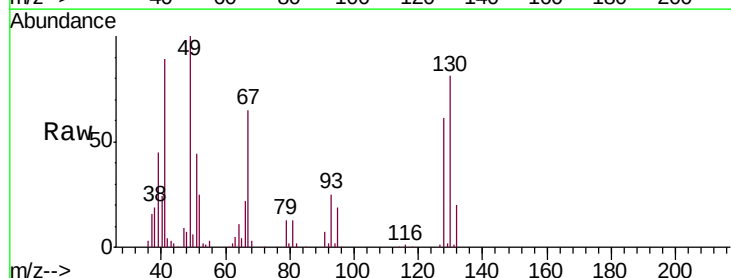
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	303.0
98	63.4	0.0	129.2

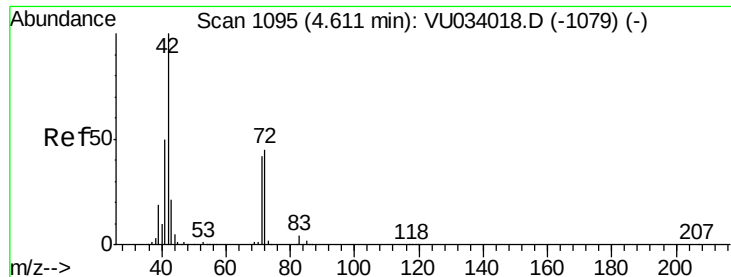


#28

Bromochloromethane
Concen: 18.317 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	80.0	62.8	94.2

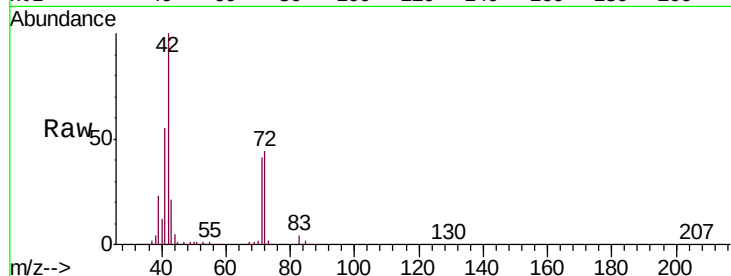




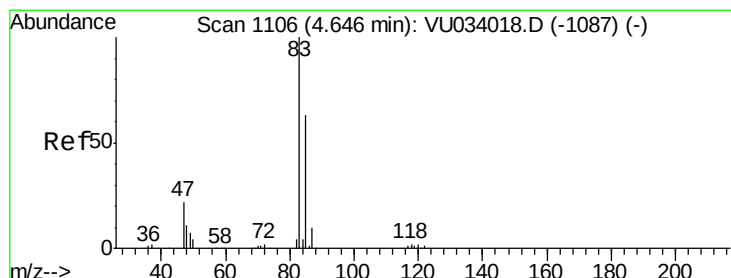
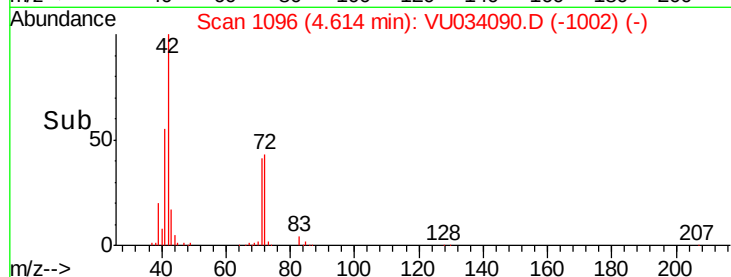
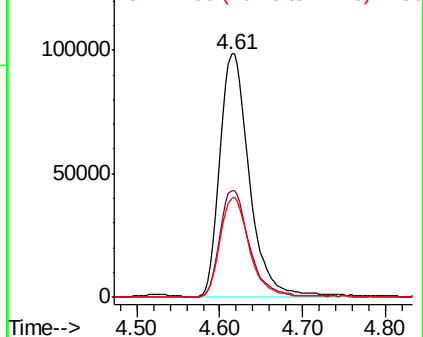
#29
Tetrahydrofuran
Concen: 101.278 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 42 Resp: 243220
Ion Ratio Lower Upper
42 100
72 44.4 35.8 53.6
71 40.7 34.0 51.0

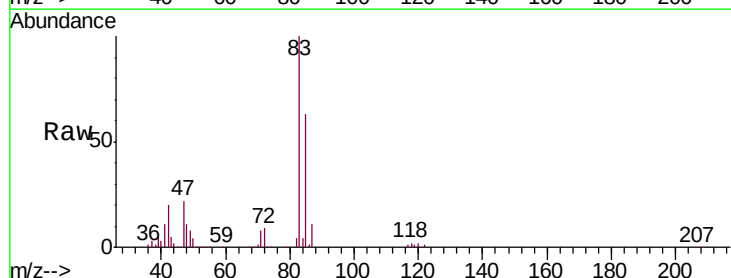


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

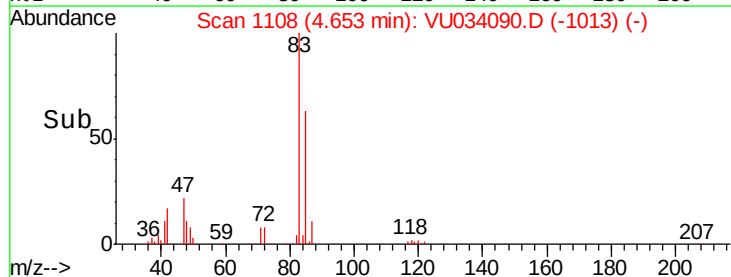
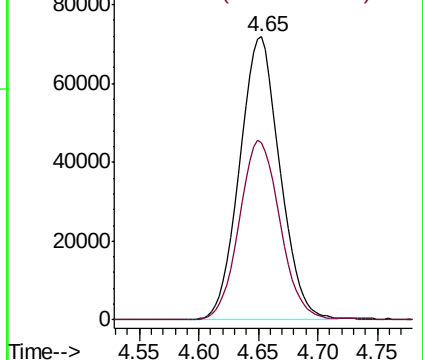


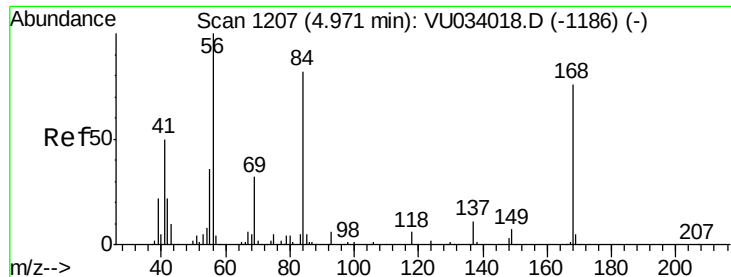
#30
Chloroform
Concen: 19.415 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 83 Resp: 168866
Ion Ratio Lower Upper
83 100
85 62.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

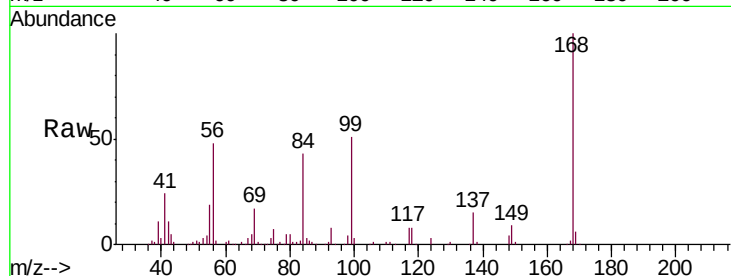




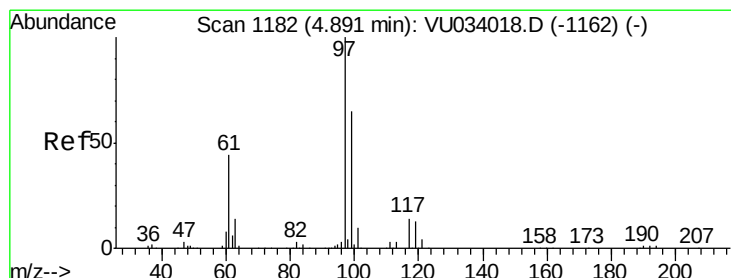
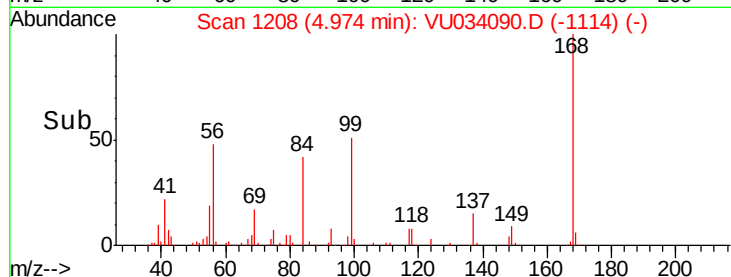
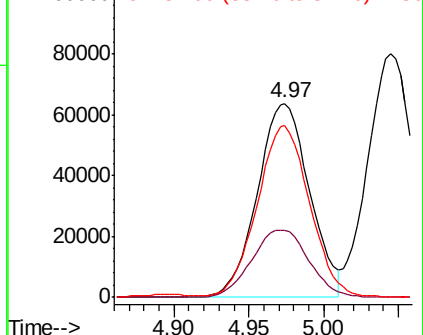
#31
Cyclohexane
Concen: 18.823 ug/l
RT: 4.97 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 154186
Ion Ratio Lower Upper
56 100
69 34.6 25.4 38.0
84 87.5 65.8 98.8

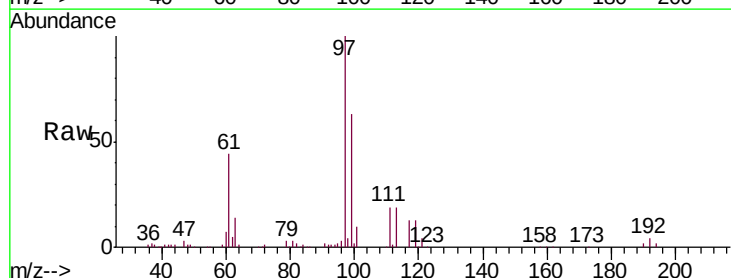


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

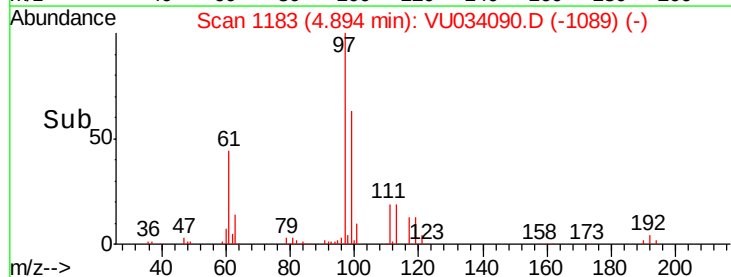
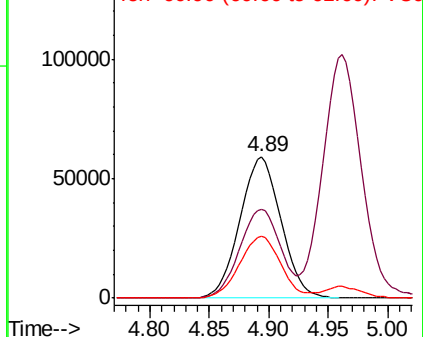


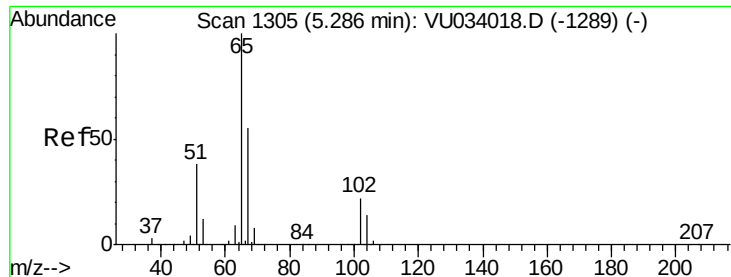
#32
1,1,1-Trichloroethane
Concen: 19.905 ug/l
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 97 Resp: 141795
Ion Ratio Lower Upper
97 100
99 62.5 51.8 77.6
61 43.9 35.3 52.9



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

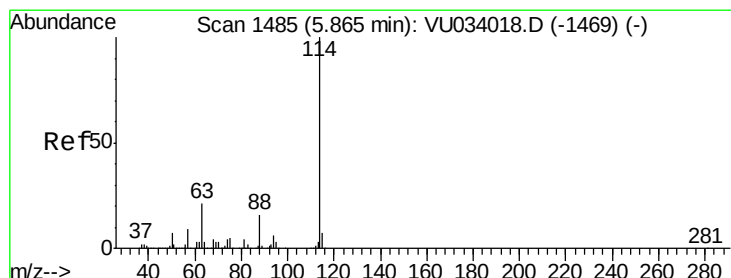
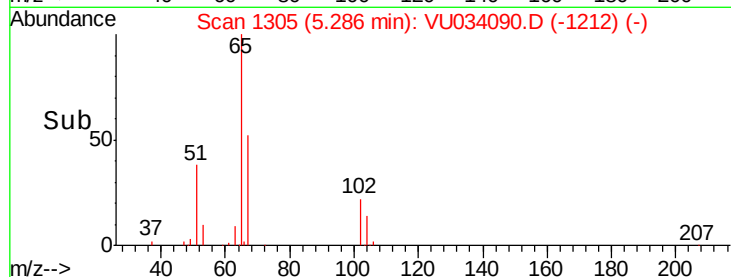
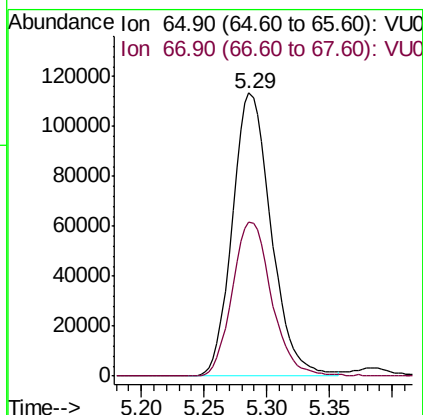
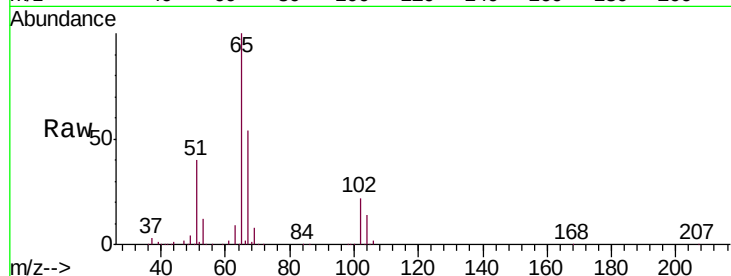




#33
 1,2-Dichloroethane-d4
 Concen: 44.488 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

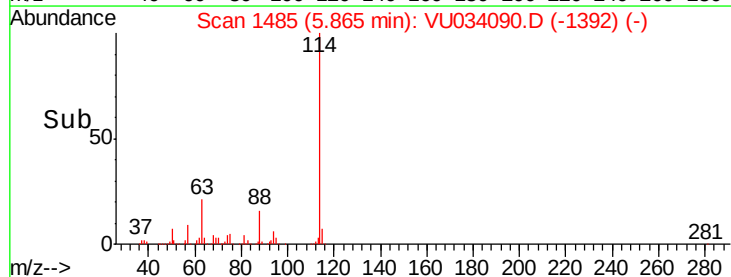
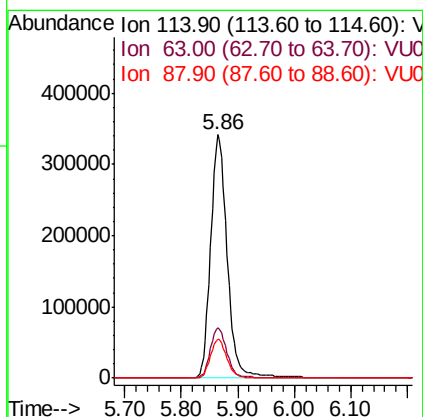
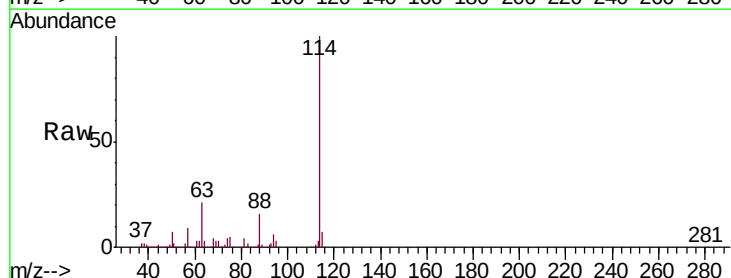
Instrument :
 MSVOA_U
 ClientSampleId :

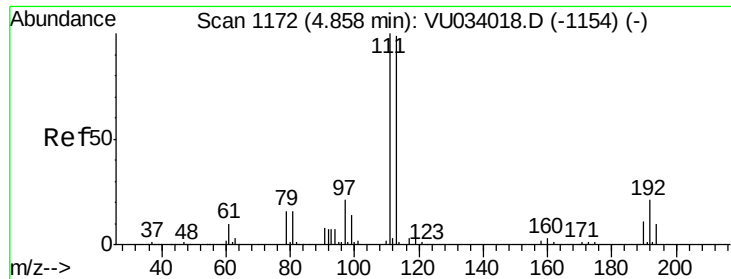
Tot Ion: 65 Resp: 244041
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion: 114 Resp: 695833
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 43.254 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :

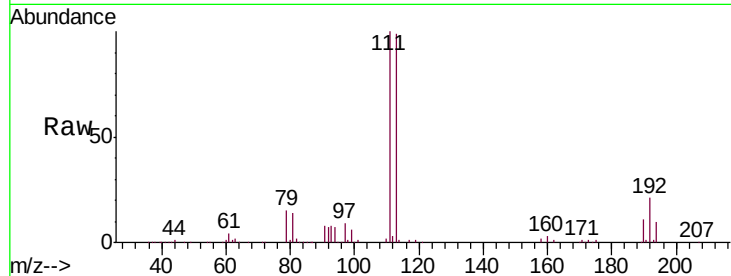
Tot Ion:113 Resp: 208755

Ion Ratio Lower Upper

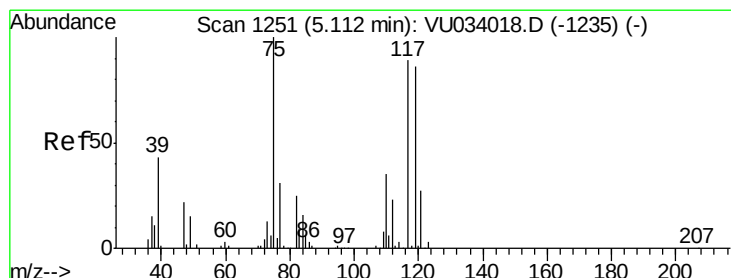
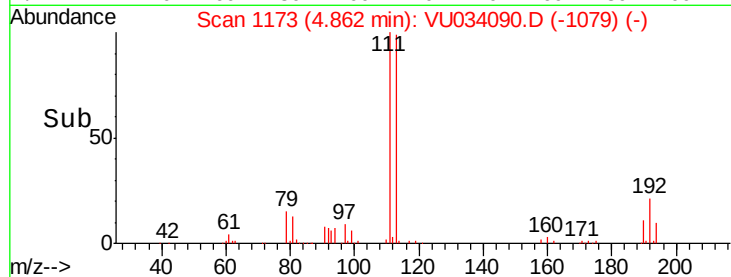
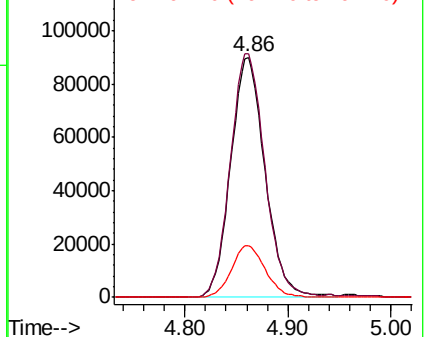
113 100

111 101.9 81.7 122.5

192 21.3 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.596 ug/l

RT: 5.12 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

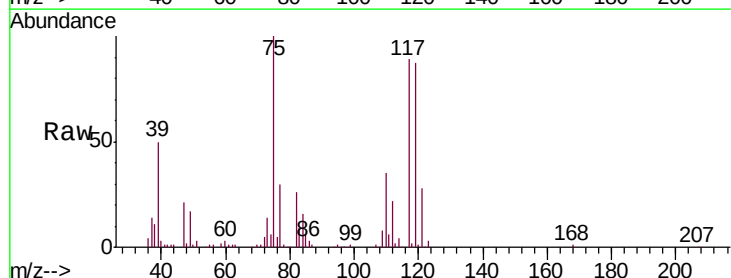
Tgt Ion: 75 Resp: 122392

Ion Ratio Lower Upper

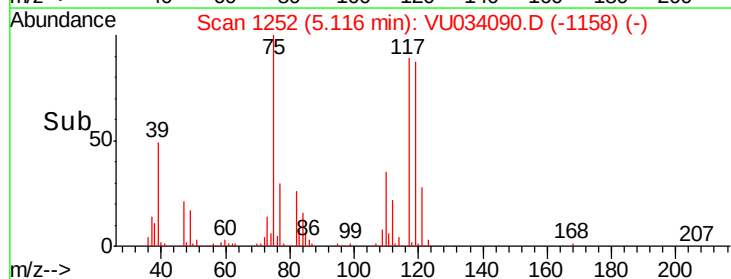
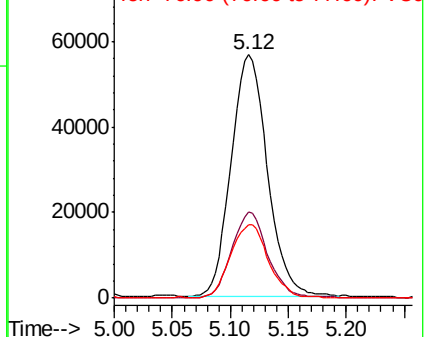
75 100

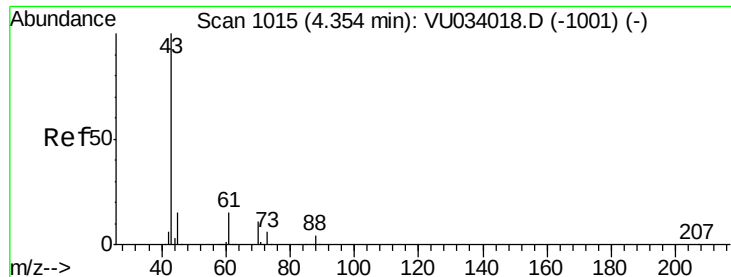
110 35.7 17.8 53.5

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

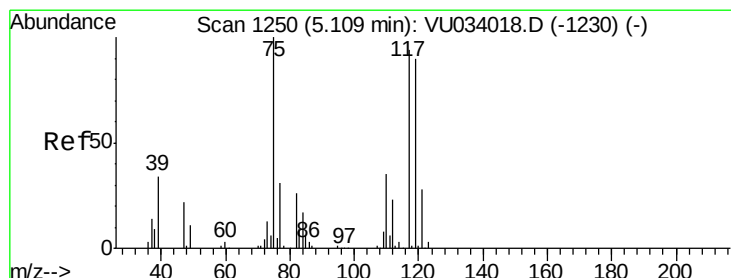
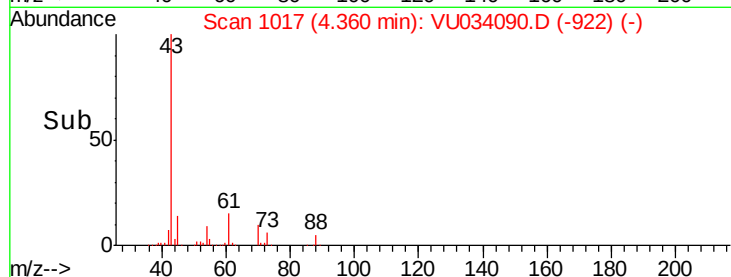
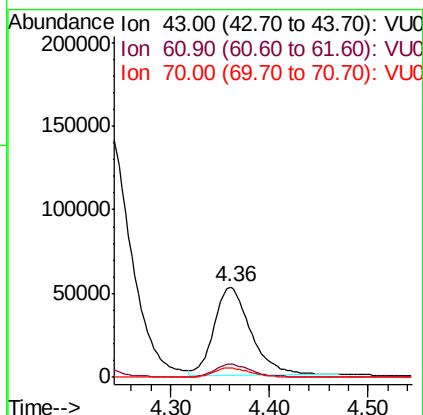
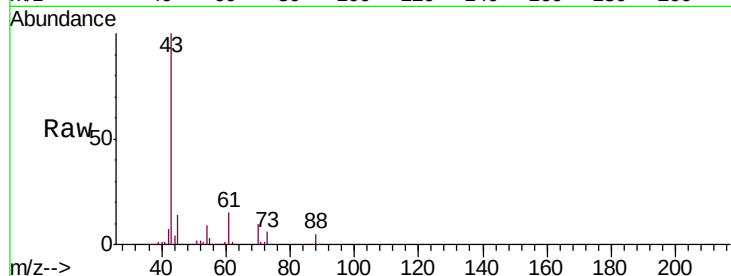




#37
Ethyl Acetate
Concen: 18.737 ug/l
RT: 4.36 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

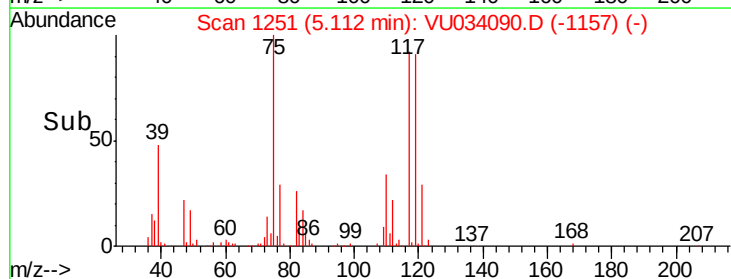
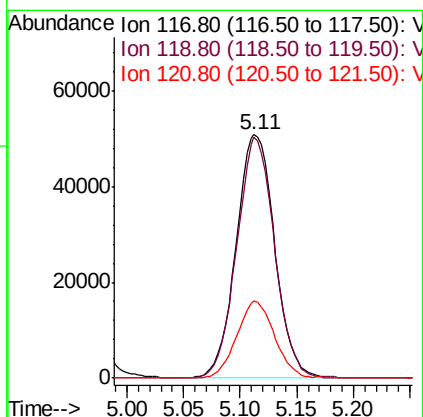
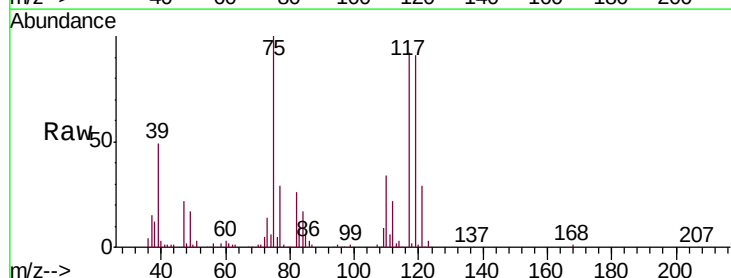
Instrument :
MSVOA_U
ClientSampleId :

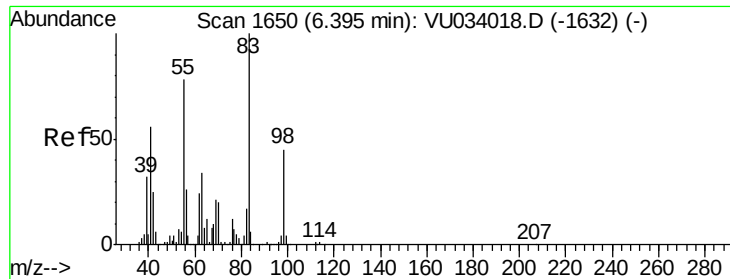
Tot Ion	43	Resp	138097
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.5	17.3
70	10.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.828 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion	117	Resp	119616
Ion Ratio	Lower	Upper	
117	100		
119	99.5	77.0	115.4
121	31.8	23.9	35.9

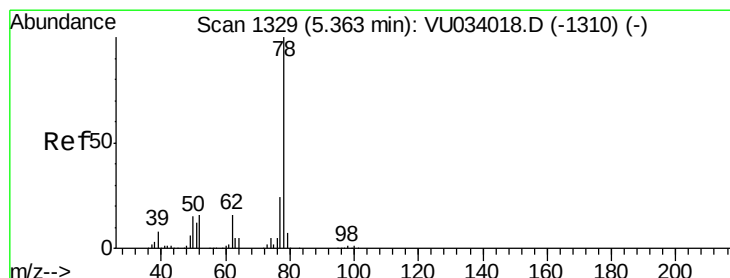
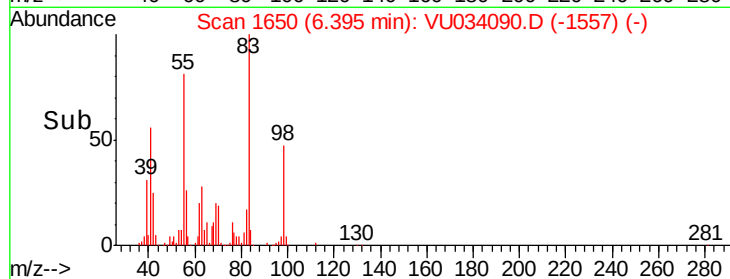
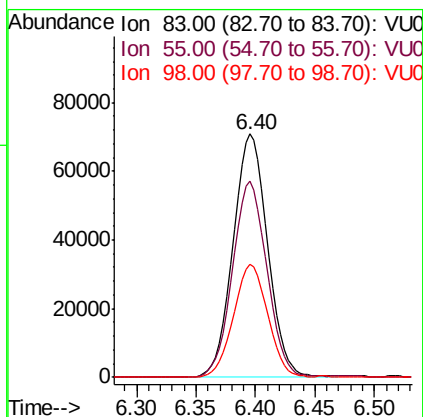
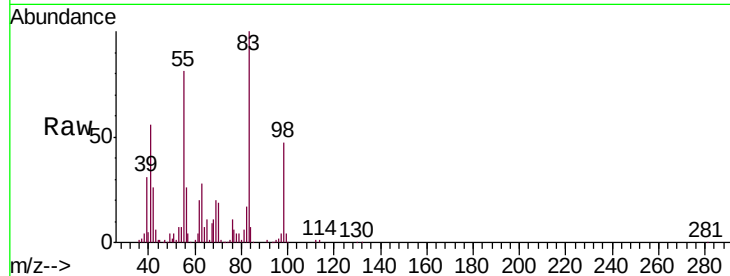




#39
Methylvlcyclohexane
Concen: 18.438 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

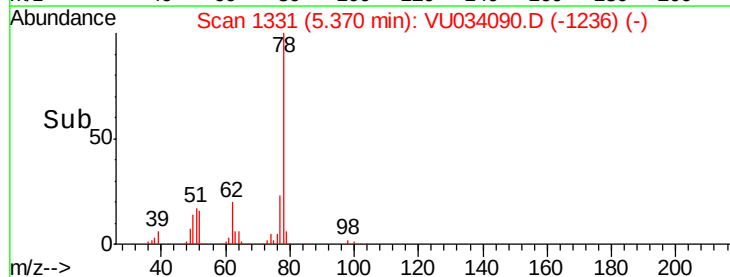
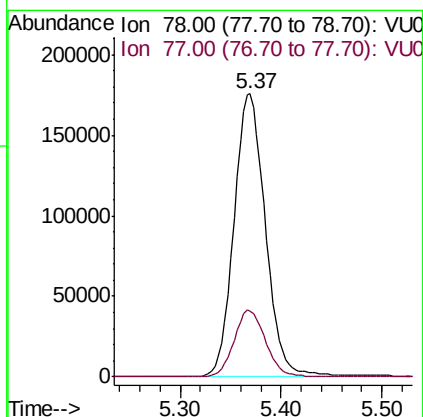
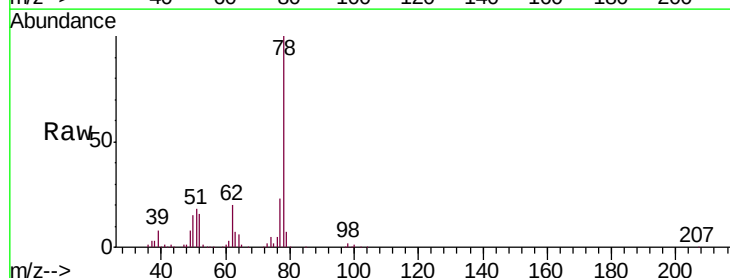
Instrument :
MSVOA_U
ClientSampleId :

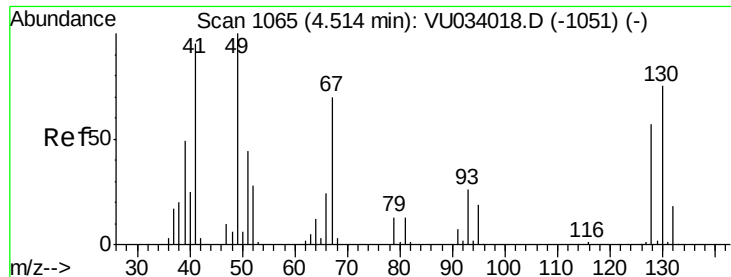
Tot Ion: 83 Resp: 143031
Ion Ratio Lower Upper
83 100
55 80.7 62.3 93.5
98 46.6 36.2 54.2



#40
Benzene
Concen: 19.056 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 78 Resp: 379469
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

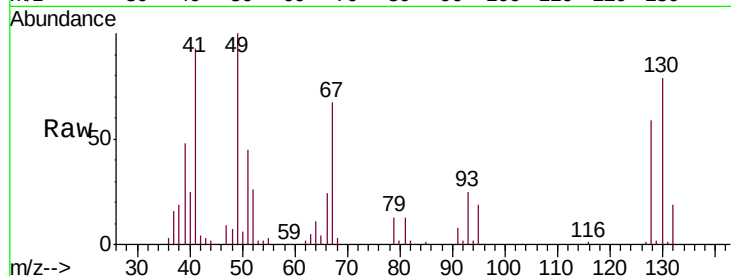




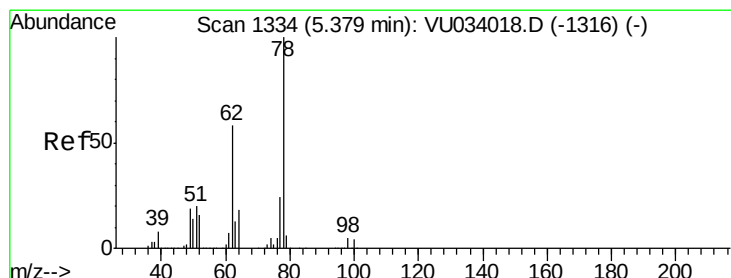
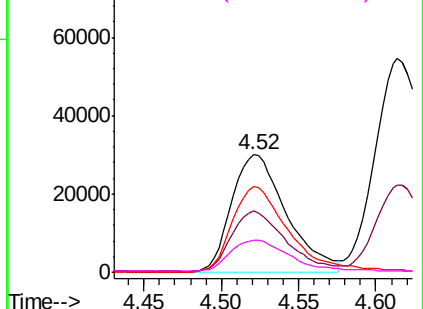
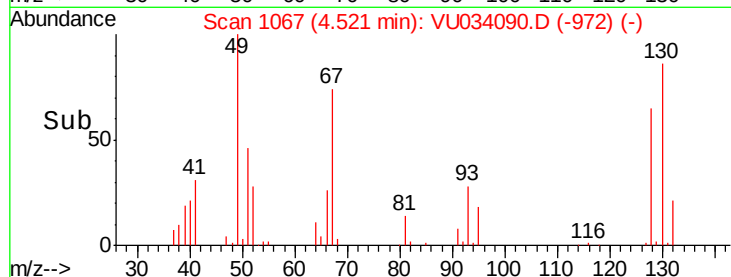
#41
Methacrylonitrile
Concen: 19.392 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 73301
Ion Ratio Lower Upper
41 100
39 52.5 42.1 63.1
67 76.6 61.0 91.4
52 28.5 23.3 34.9

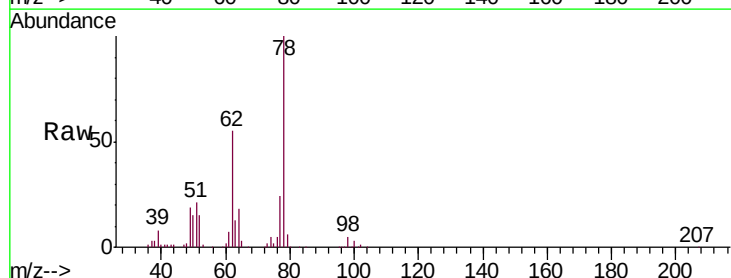


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

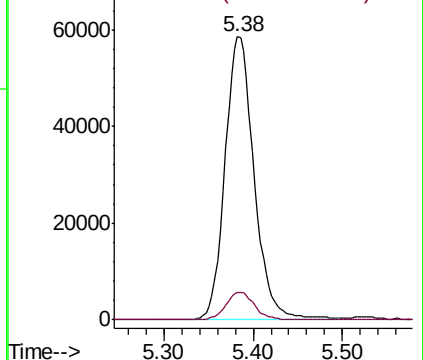
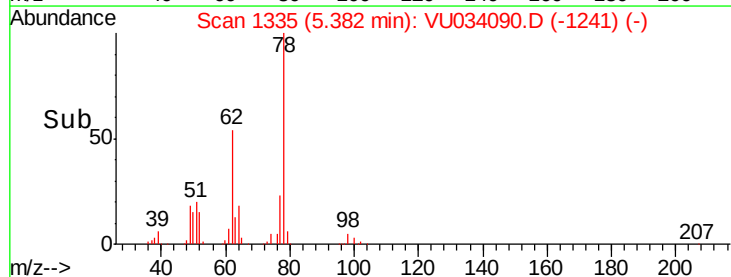


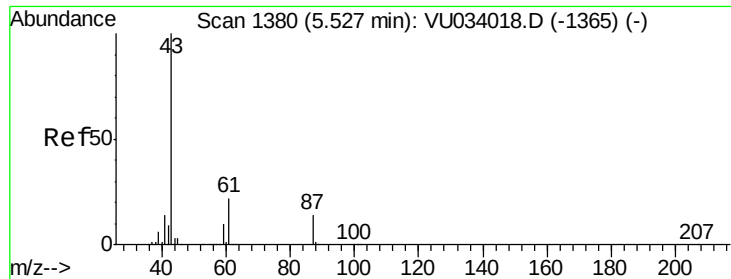
#42
1,2-Dichloroethane
Concen: 19.223 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 62 Resp: 132182
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

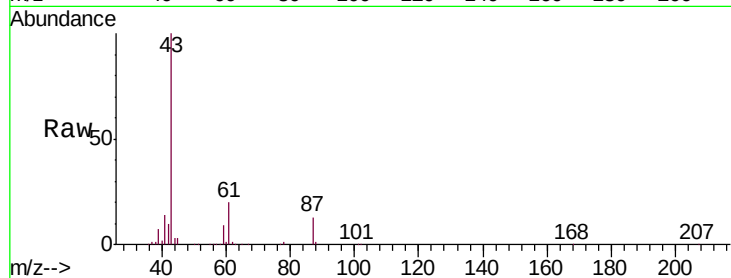




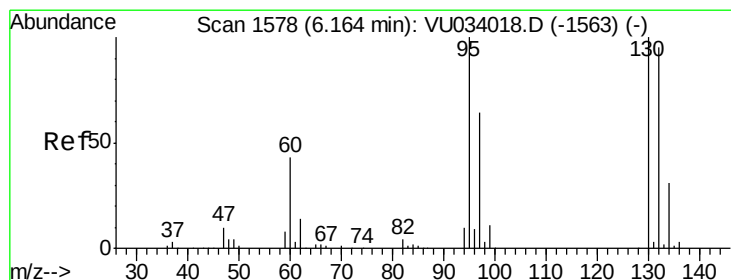
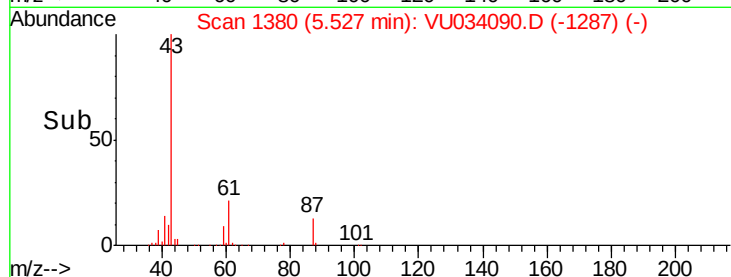
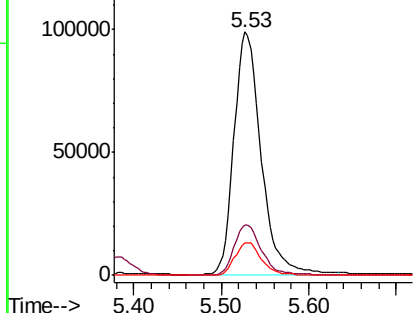
#43
Isopropyl Acetate
Concen: 18.971 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 212722
Ion Ratio Lower Upper
43 100
61 21.3 17.2 25.8
87 13.4 10.8 16.2

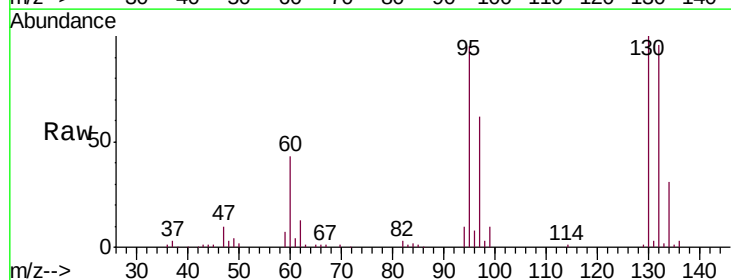


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

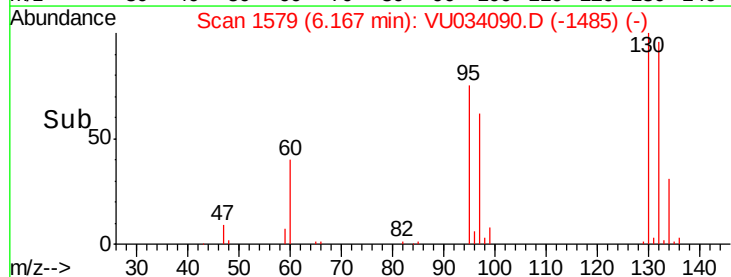
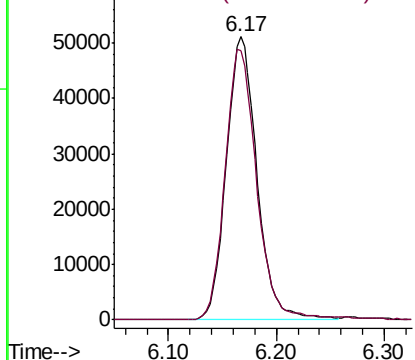


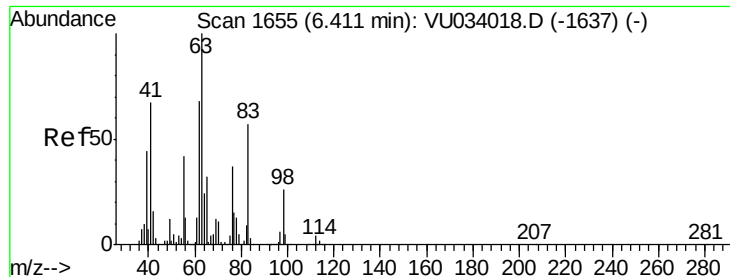
#44
Trichloroethene
Concen: 19.422 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion:130 Resp: 101563
Ion Ratio Lower Upper
130 100
95 94.9 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 19.101 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

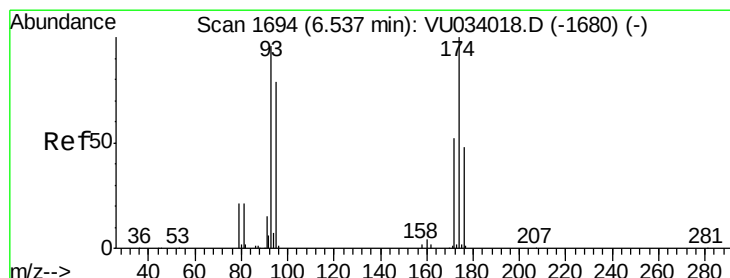
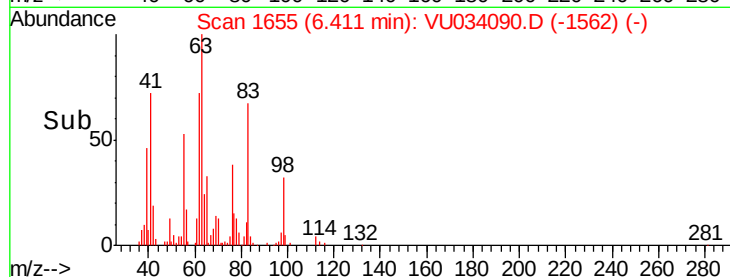
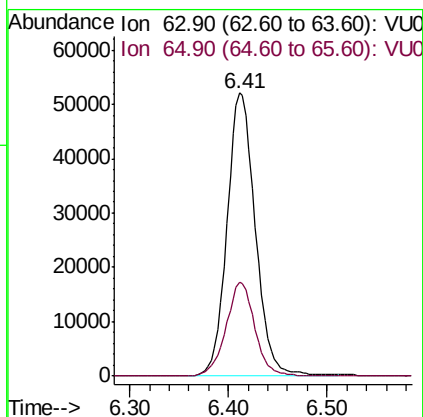
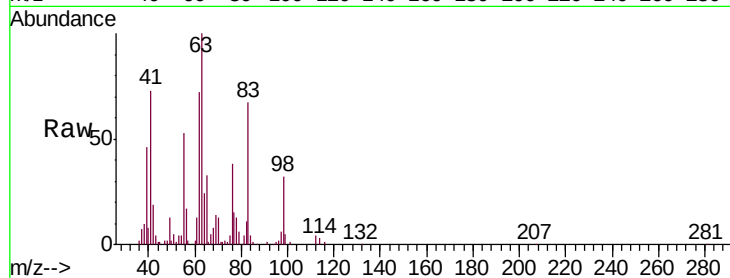
ClientSampleId :

Tot Ion: 63 Resp: 104703

Ion Ratio Lower Upper

63 100

65 33.3 25.4 38.2



#46

Dibromomethane

Concen: 19.098 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

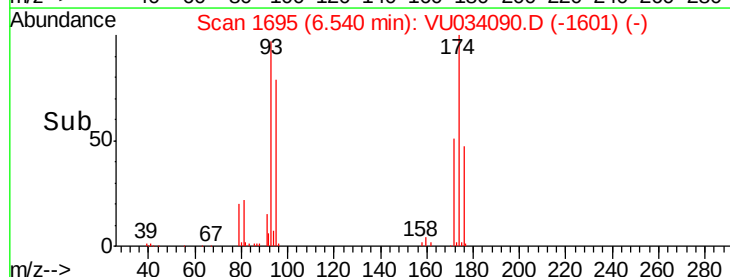
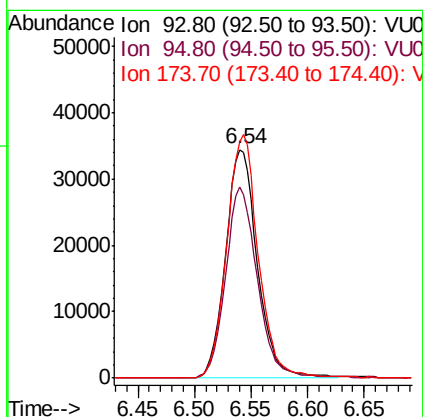
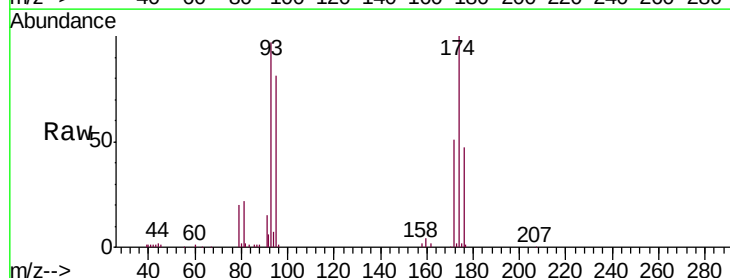
Tgt Ion: 93 Resp: 67447

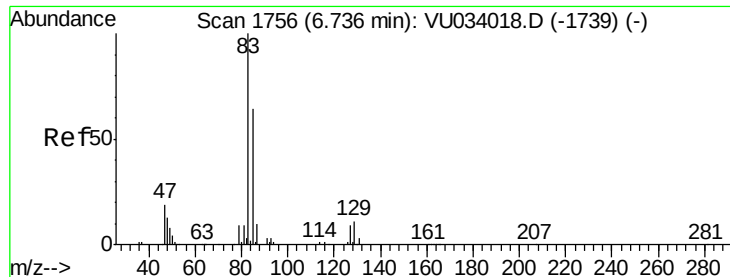
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 105.6 84.9 127.3





#47

Bromodichloromethane

Concen: 18.931 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

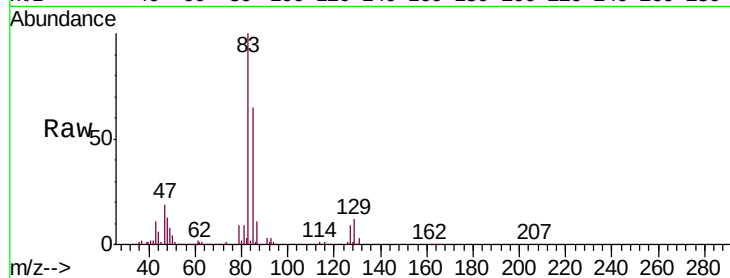
Tot Ion: 83 Resp: 130806

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

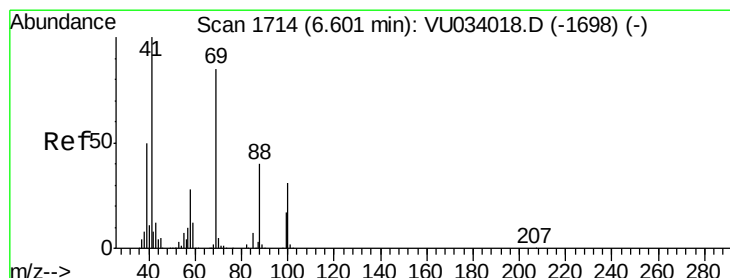
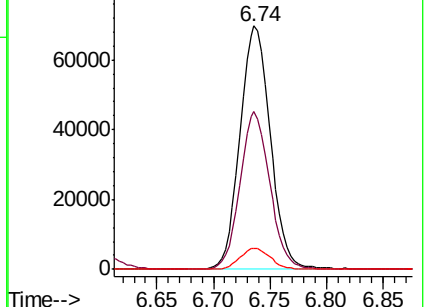
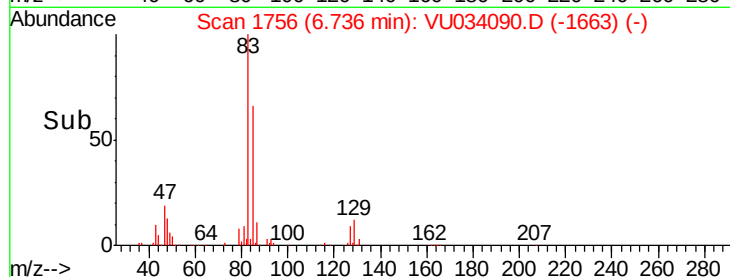
127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034090.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034090.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034090.D (-1663) (-)



#48

Methyl methacrylate

Concen: 18.266 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

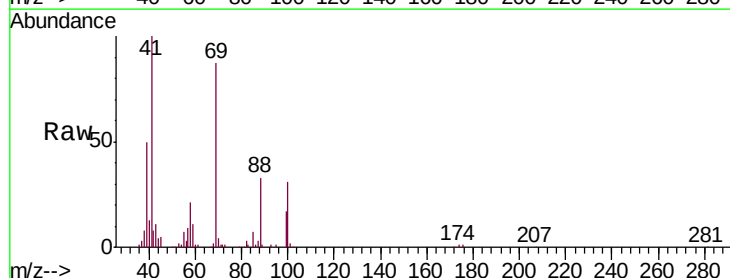
Tgt Ion: 41 Resp: 98833

Ion Ratio Lower Upper

41 100

69 89.6 69.5 104.3

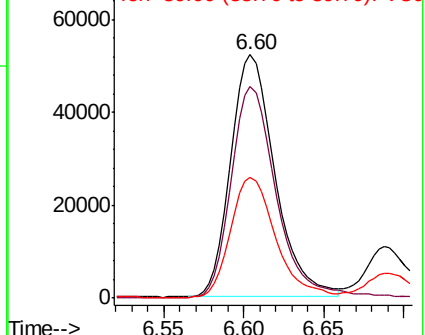
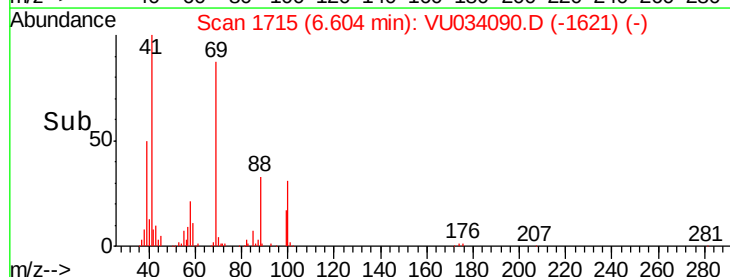
39 50.3 40.3 60.5

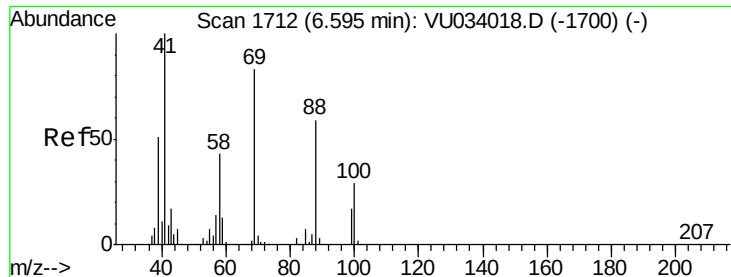


Abundance Ion 41.00 (40.70 to 41.70): VU034090.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034090.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034090.D (-1621) (-)

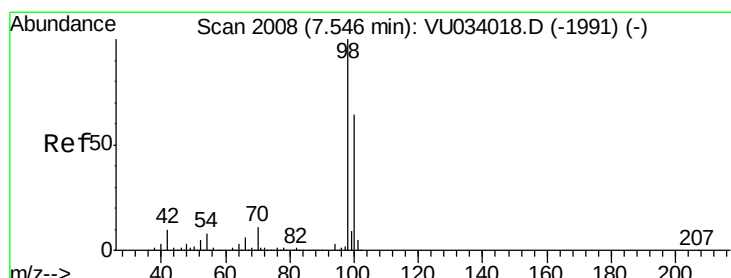
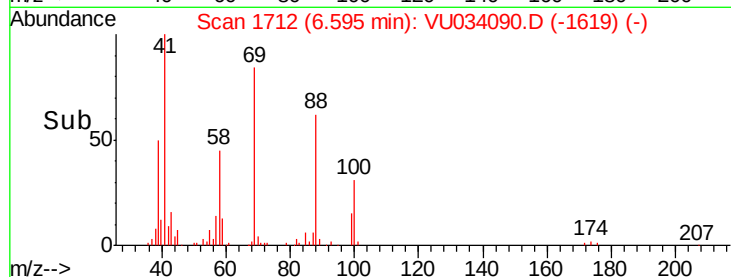
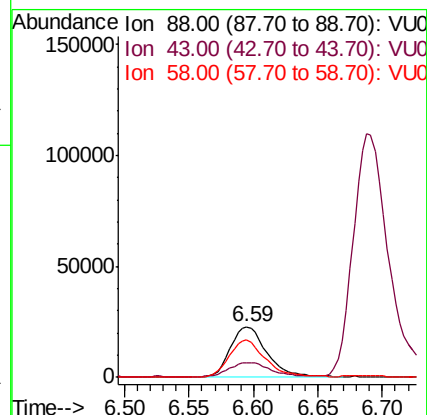
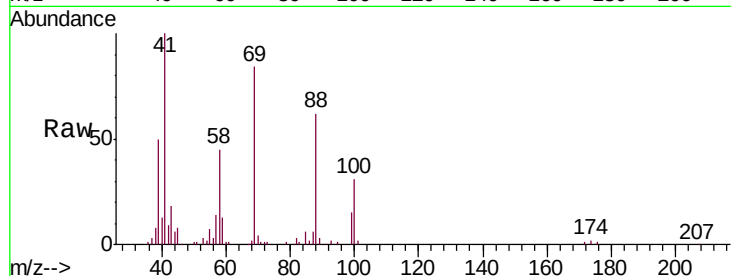




#49
1,4-Dioxane
Concen: 336.608 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

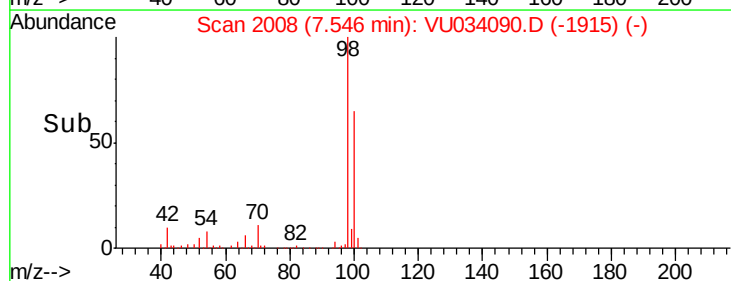
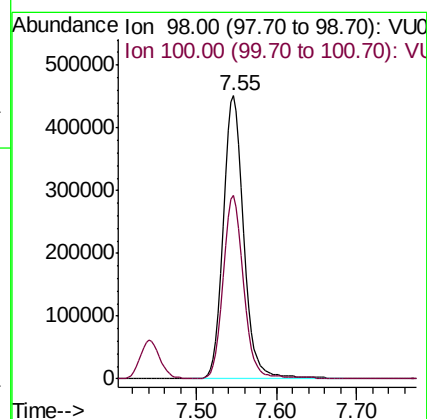
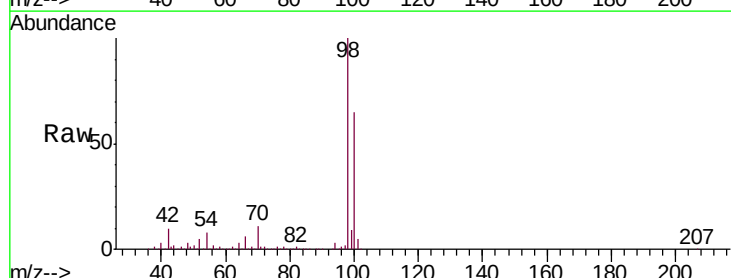
Instrument :
MSVOA_U
ClientSampled :

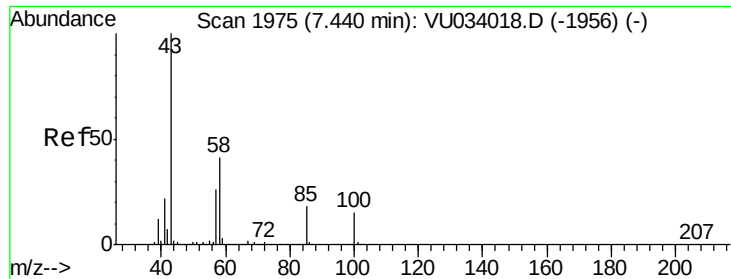
Tot Ion: 88 Resp: 45634
Ion Ratio Lower Upper
88 100
43 30.4 24.8 37.2
58 71.7 59.3 88.9



#50
Toluene-d8
Concen: 44.622 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 98 Resp: 806368
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 92.389 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

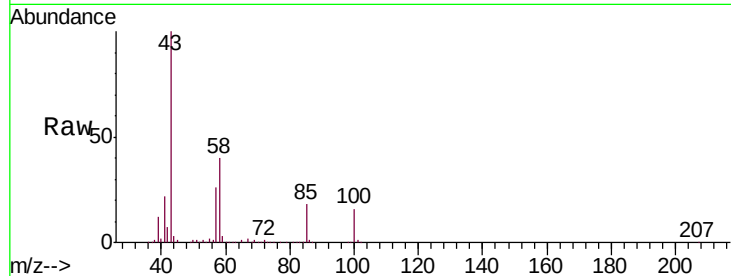
ClientSampled :

Tot Ion: 43 Resp: 715425

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1956) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-1956) (-)

7.44

400000

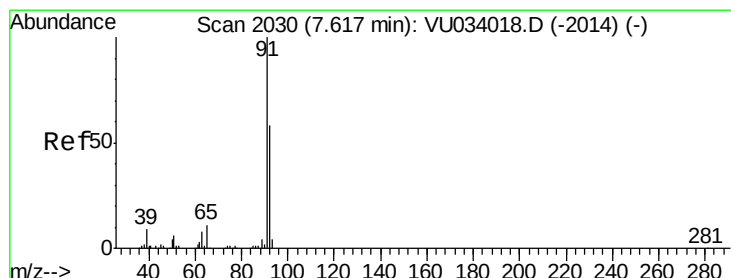
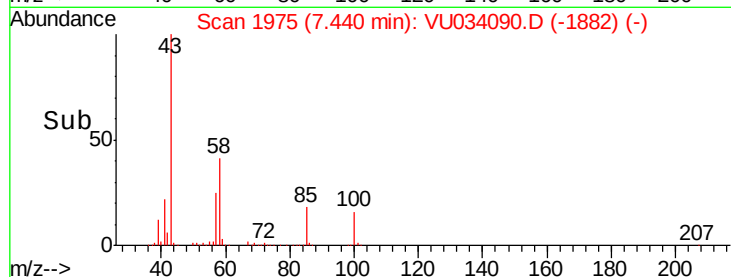
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.618 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034090.D

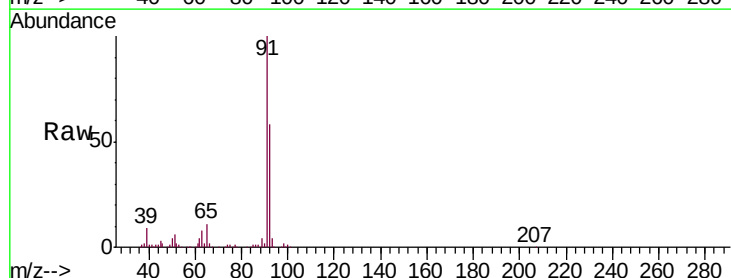
Acq: 30 Aug 2019 12:02

Tgt Ion: 92 Resp: 240655

Ion Ratio Lower Upper

92 100

91 172.9 138.3 207.5



Abundance Ion 92.00 (91.70 to 92.70): VU034018.D (-2014) (-)

Ion 91.00 (90.70 to 91.70): VU034018.D (-2014) (-)

7.62

250000

200000

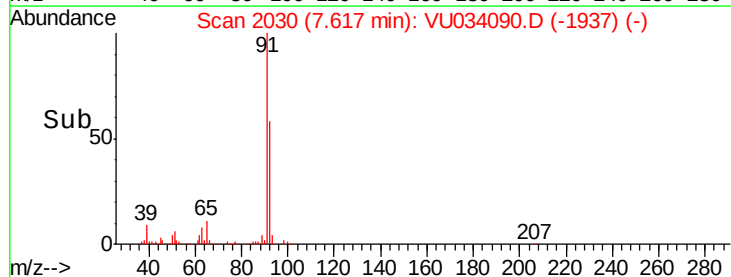
150000

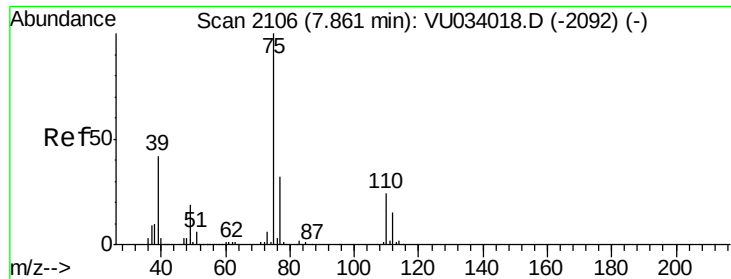
100000

50000

0

Time-->

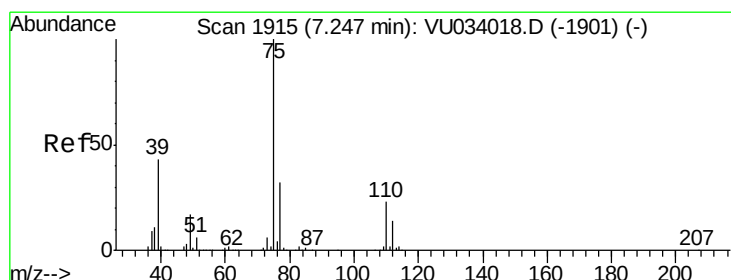
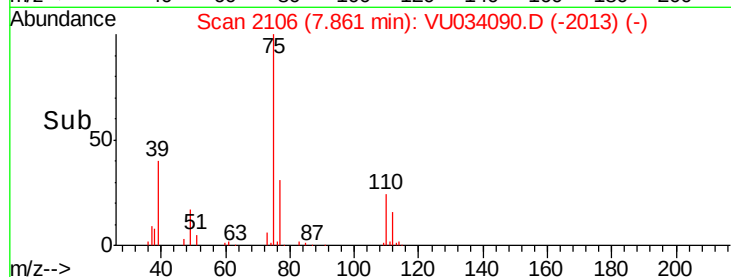
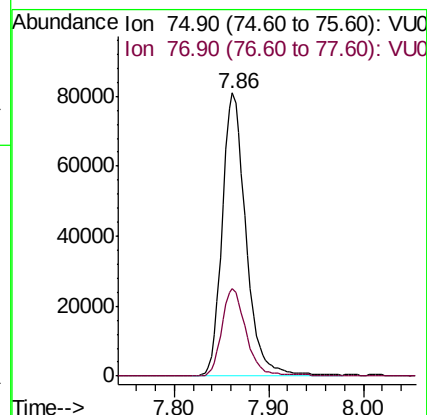
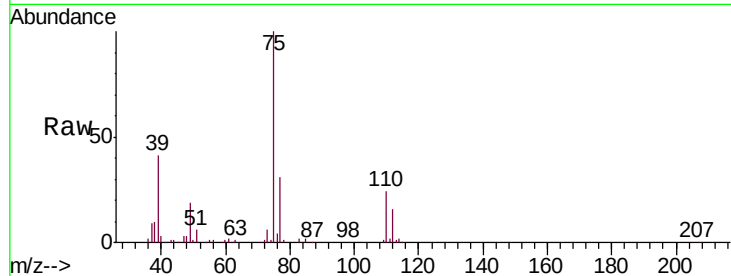




#53
t-1,3-Dichloropropene
Concen: 18.480 ug/l
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

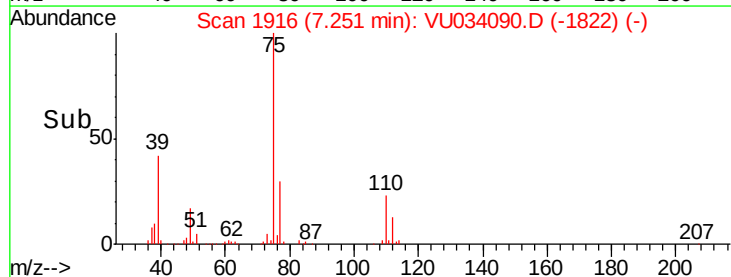
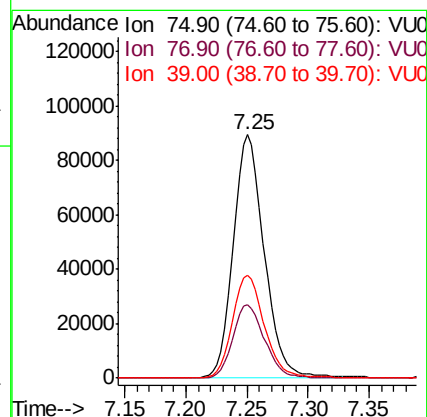
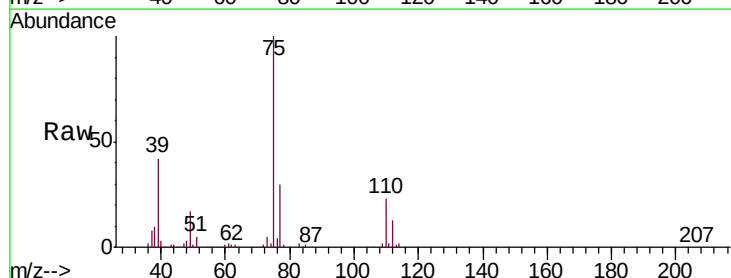
Instrument :
MSVOA_U
ClientSampleId :

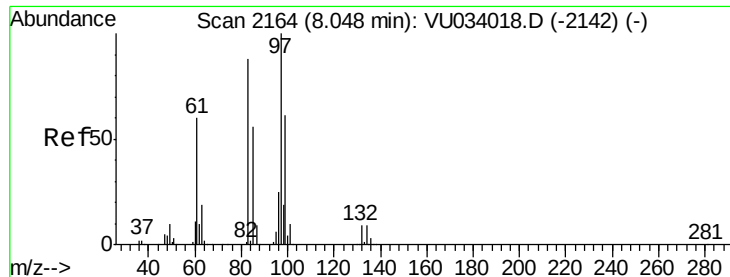
Tot Ion: 75 Resp: 141680
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.923 ug/l
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 75 Resp: 158501
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8
39 42.1 34.6 51.8

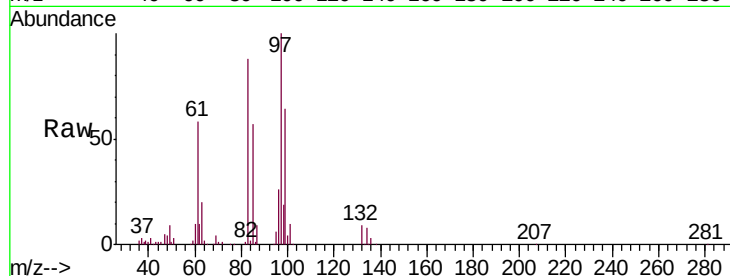




#55
 1,1,2-Trichloroethane
 Concen: 18.476 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	95869
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.1	105.1
85	57.0	45.0	67.4
99	63.5	49.8	74.8



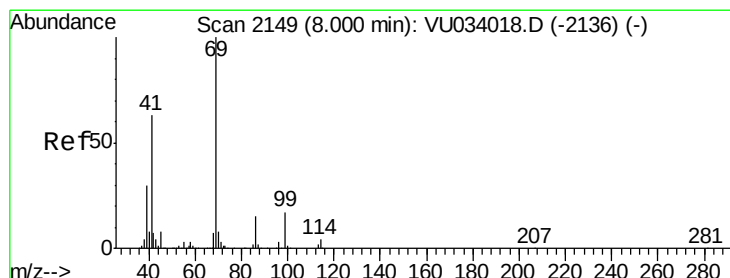
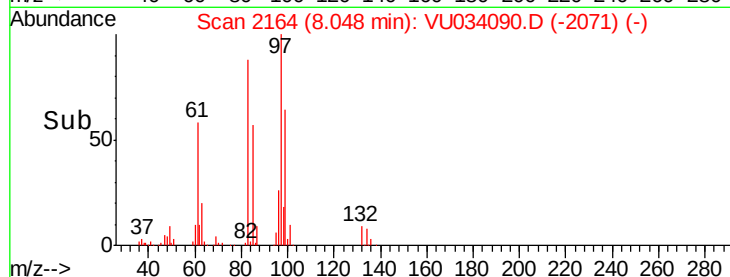
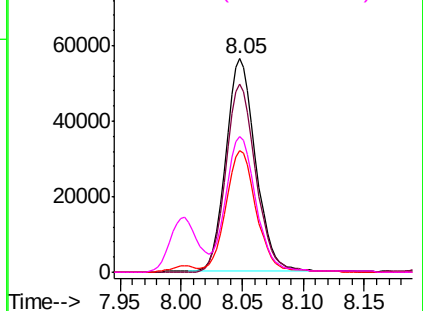
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

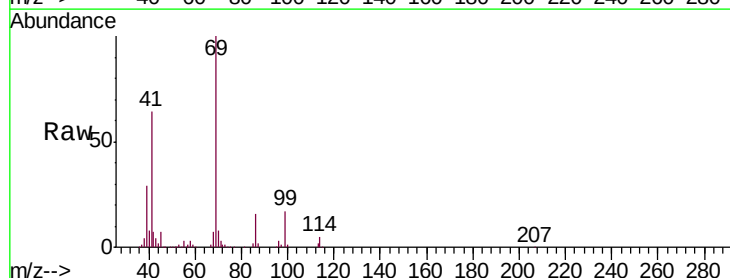
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56
 Ethyl methacrylate
 Concen: 17.091 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion:	69	Resp:	141489
Ion	Ratio	Lower	Upper
69	100		
41	64.8	50.7	76.1
39	29.7	24.2	36.2

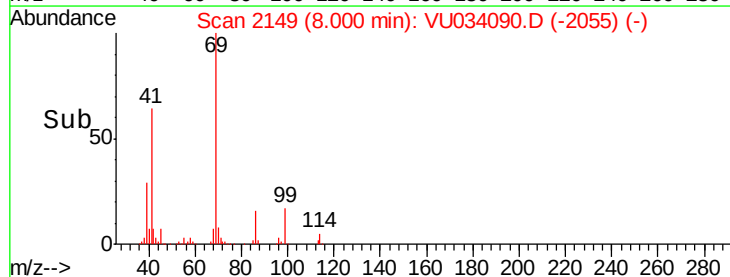
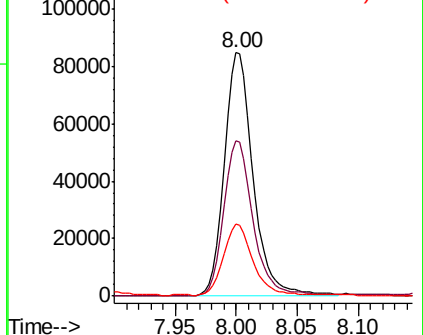


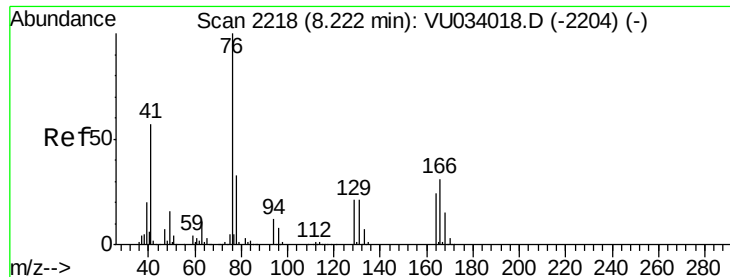
Abundance

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

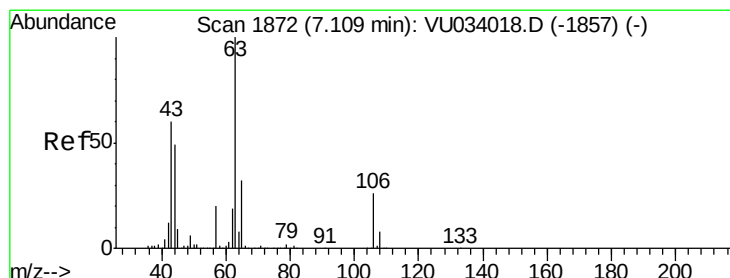
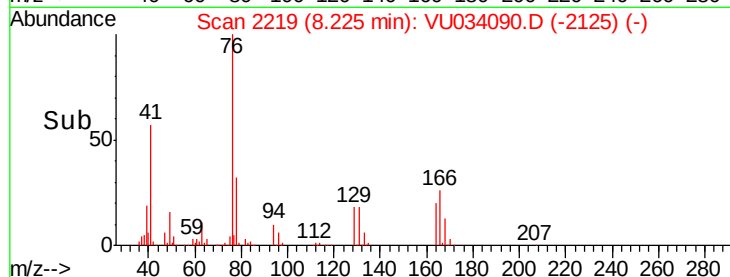
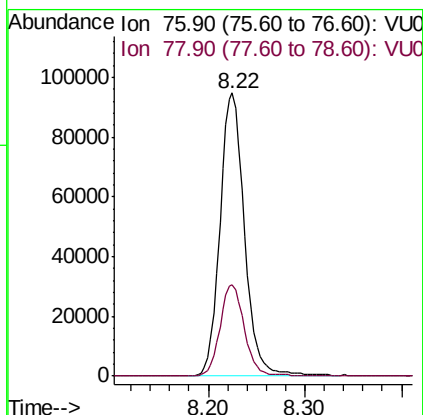
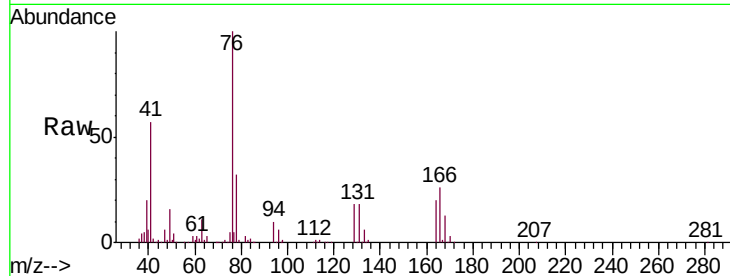




#57
 1,3-Dichloropropane
 Concen: 18.936 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

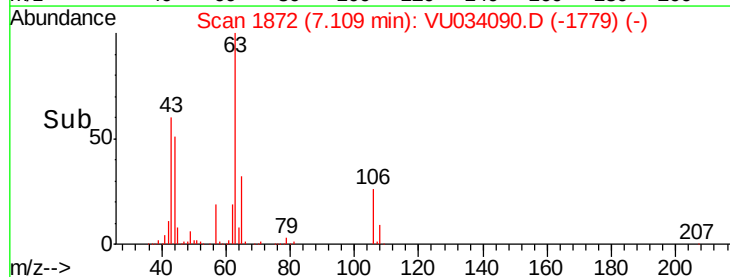
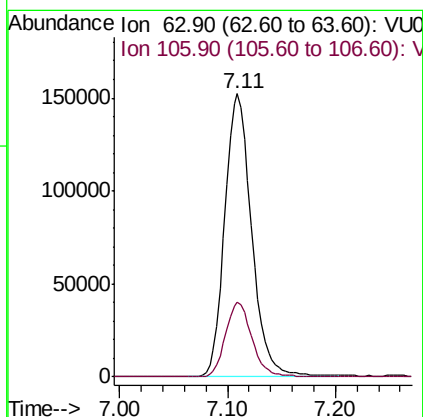
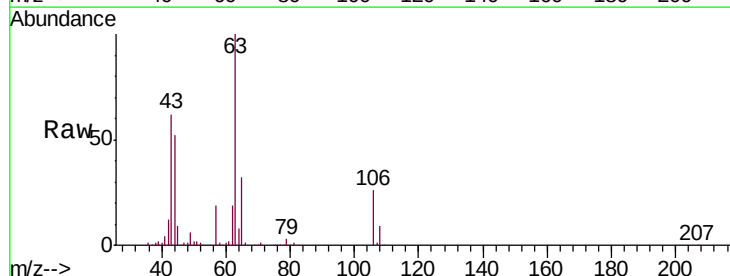
Instrument :
 MSVOA_U
 ClientSampled :

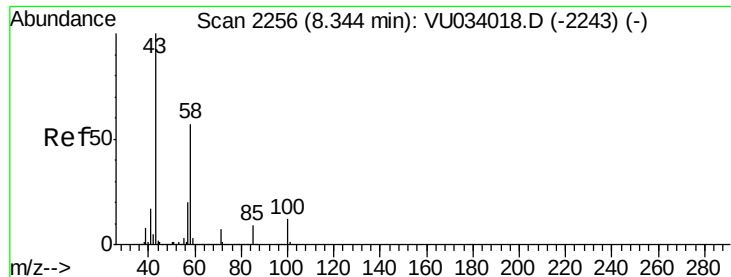
Tot Ion: 76 Resp: 166833
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.254 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion: 63 Resp: 264823
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.7 31.1

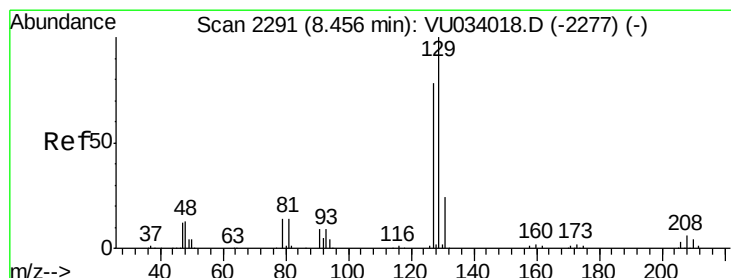
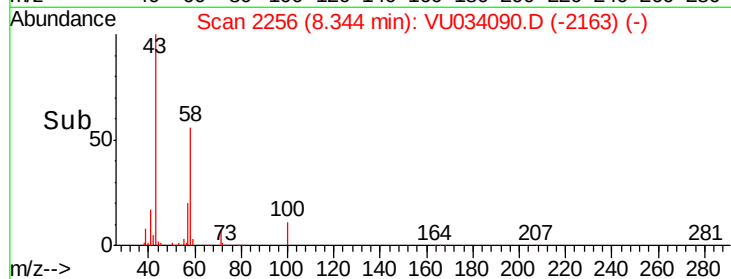
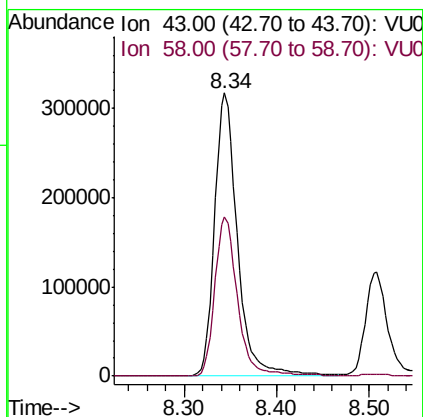
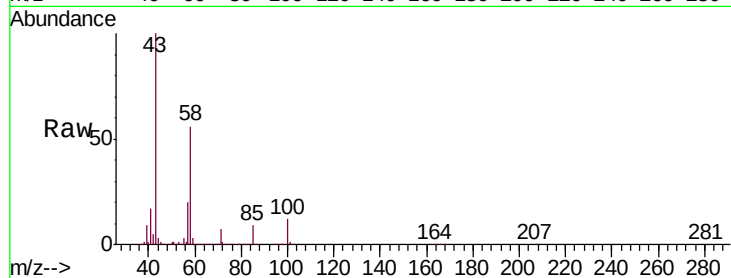




#59
2-Hexanone
Concen: 91.396 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

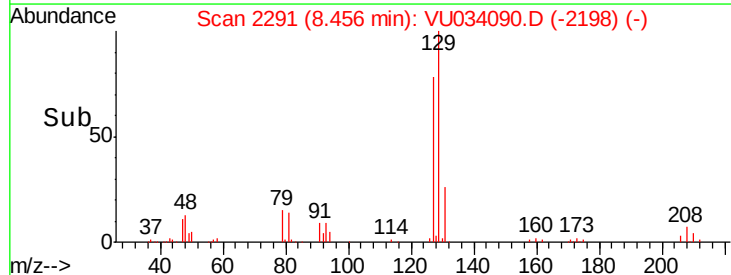
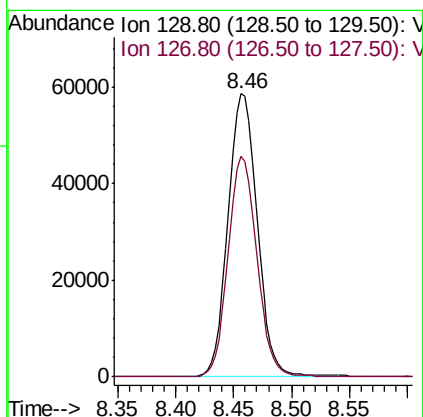
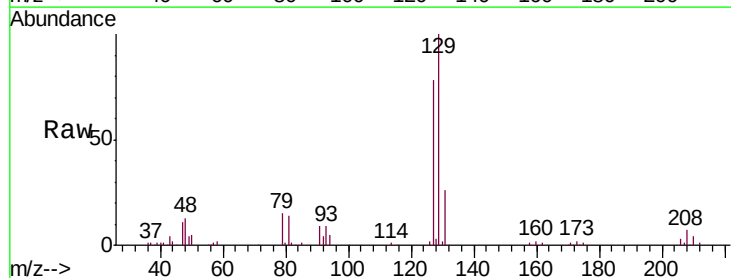
Instrument :
MSVOA_U
ClientSampleId :

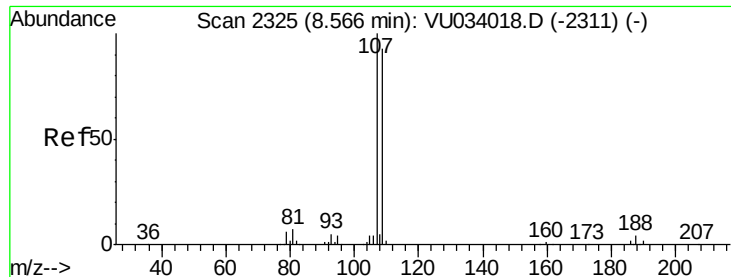
Tot Ion: 43 Resp: 534281
Ion Ratio Lower Upper
43 100
58 57.0 28.4 85.3



#60
Dibromochloromethane
Concen: 18.389 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 129 Resp: 102421
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9

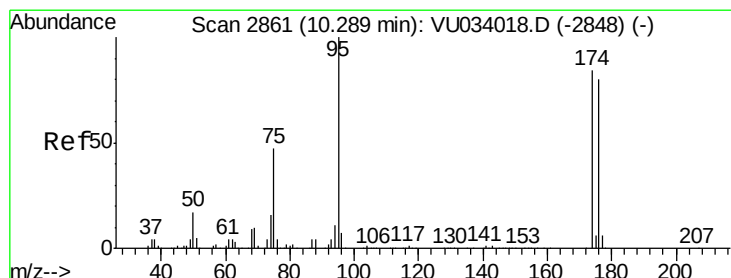
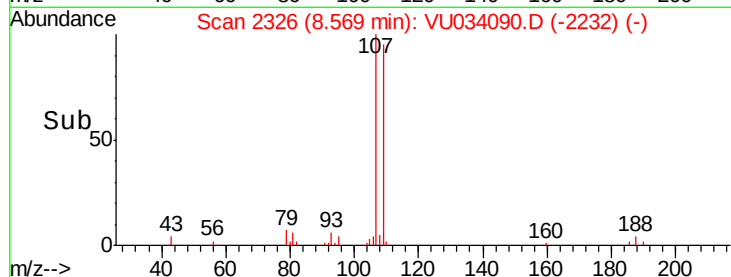
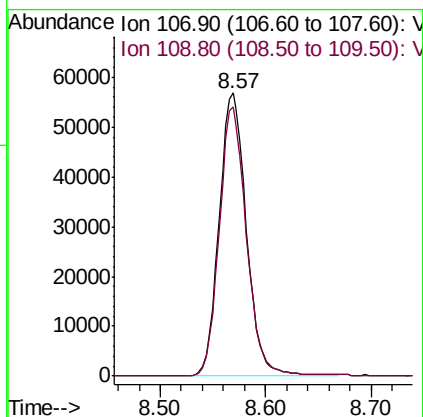
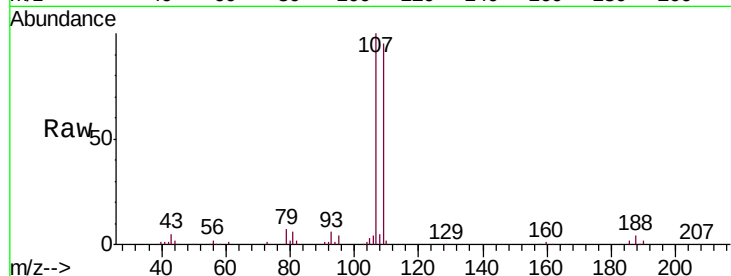




#61
 1,2-Dibromoethane
 Concen: 18.609 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

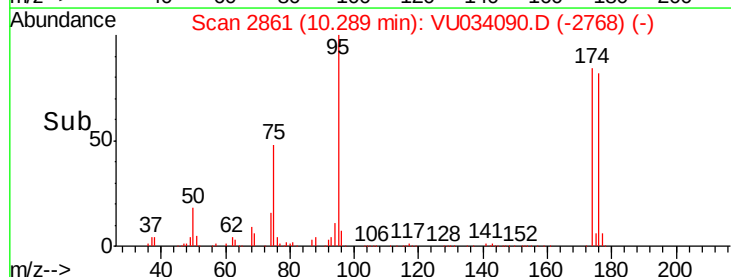
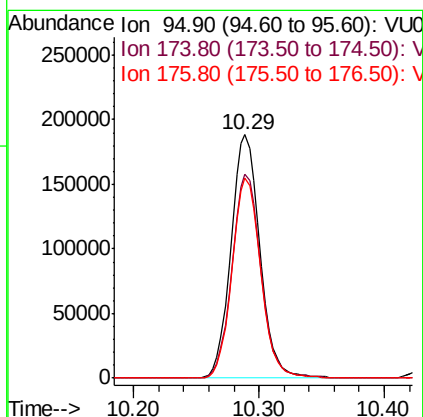
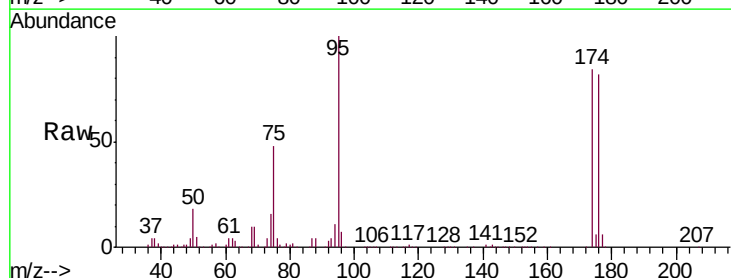
Instrument :
 MSVOA_U
 ClientSampled :

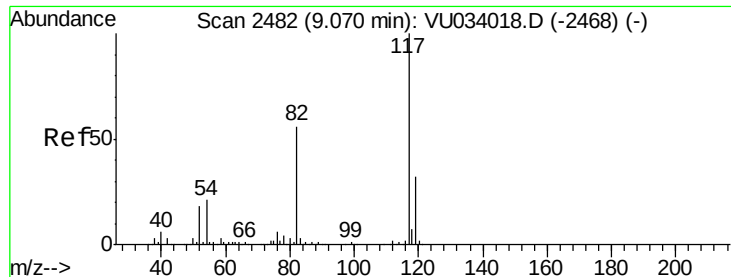
Tot Ion:107 Resp: 101713
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 42.785 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion: 95 Resp: 300759
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 168.8
 176 82.1 0.0 161.8

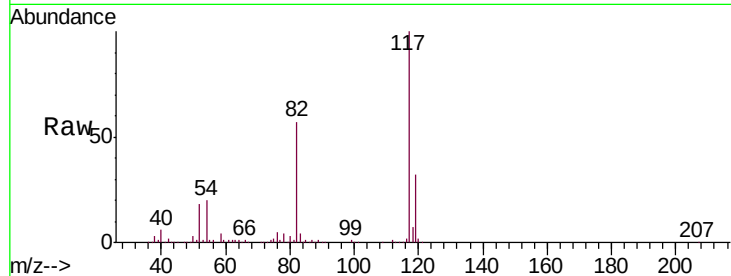




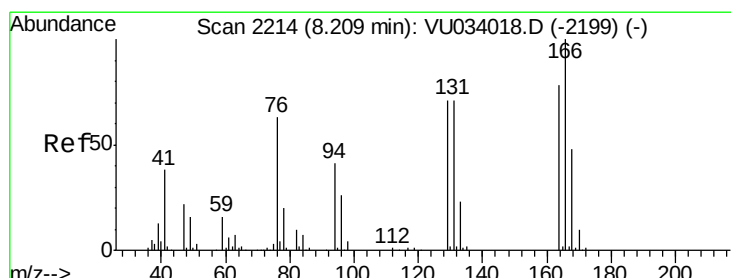
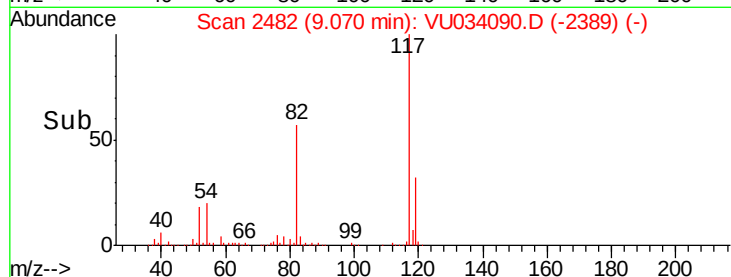
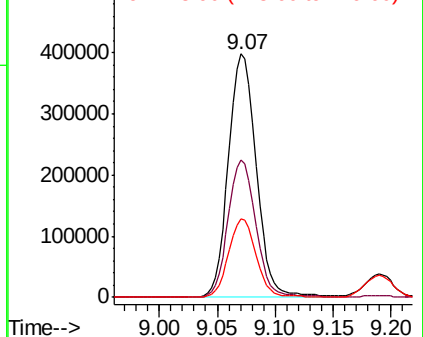
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 666952
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 32.0 25.4 38.0

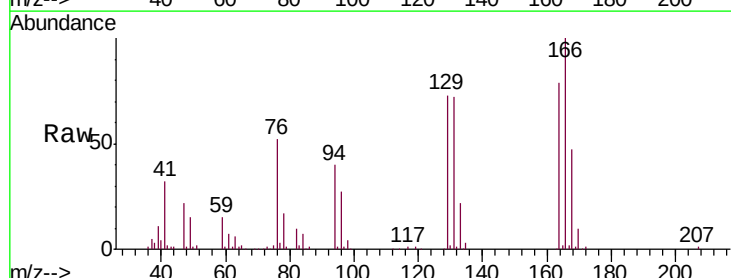


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

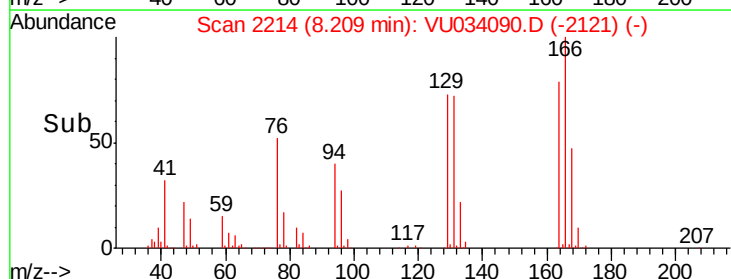
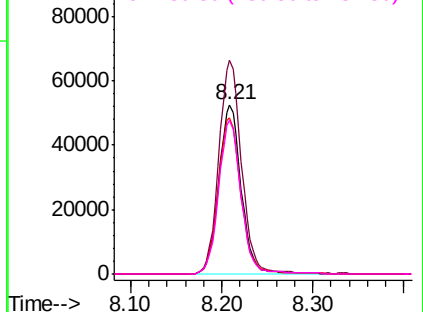


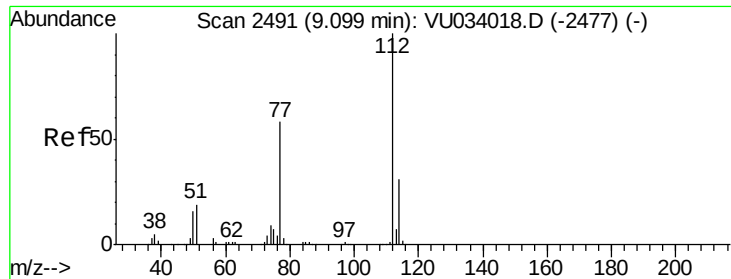
#64
Tetrachloroethene
Concen: 20.138 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion:164 Resp: 90200
Ion Ratio Lower Upper
164 100
166 126.4 102.2 153.2
129 92.5 72.4 108.6
131 91.0 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.188 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

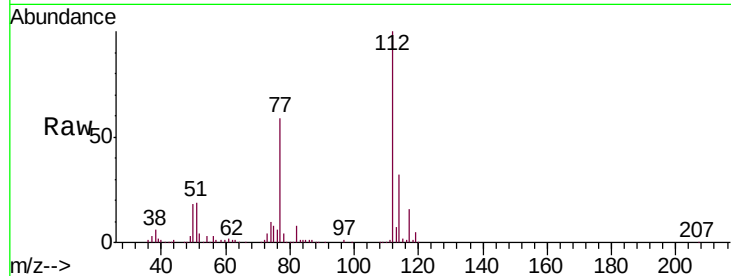
ClientSampleId :

Tot Ion:112 Resp: 263363

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.10

150000

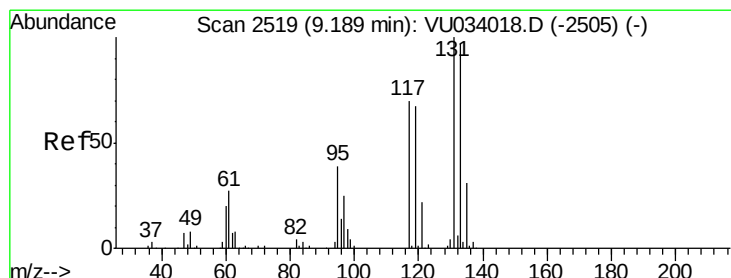
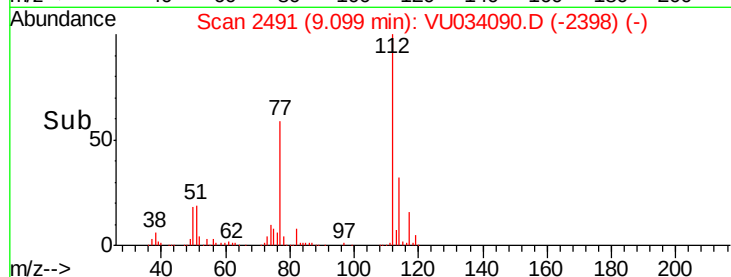
100000

50000

0

Time-->

9.00 9.10 9.20 9.30



#66

1,1,1,2-Tetrachloroethane

Concen: 18.553 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

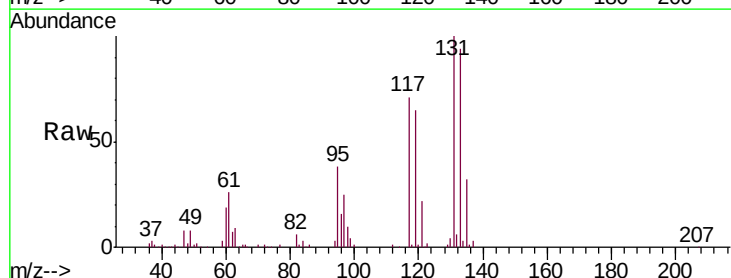
Tgt Ion:131 Resp: 92336

Ion Ratio Lower Upper

131 100

133 93.9 48.4 145.2

119 66.3 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

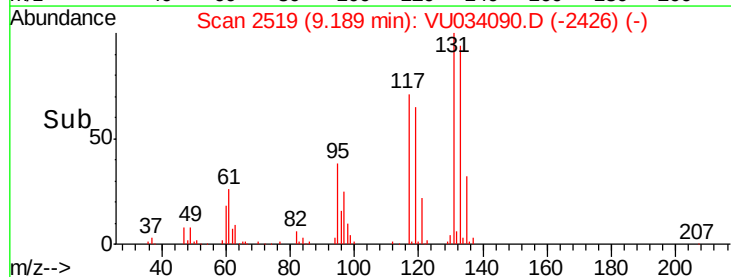
100000

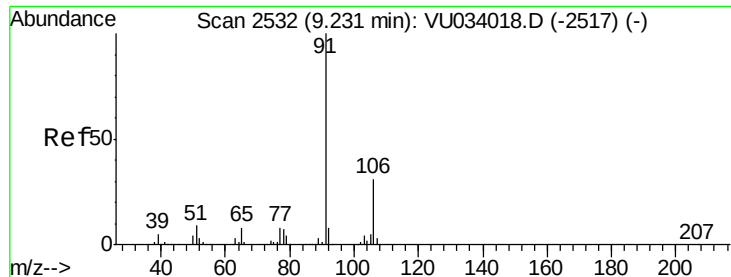
50000

0

Time-->

9.10 9.20 9.30

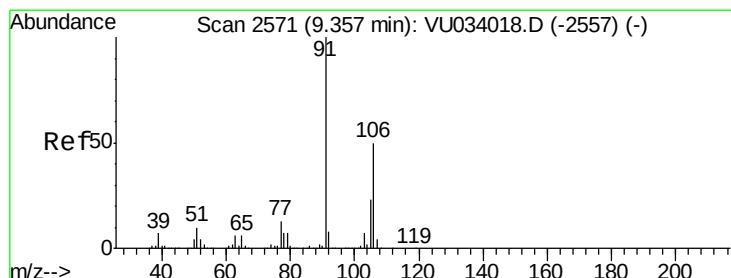
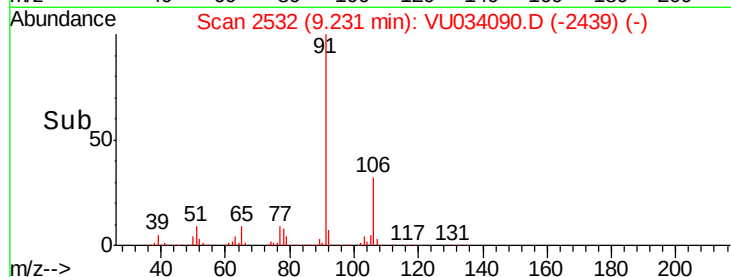
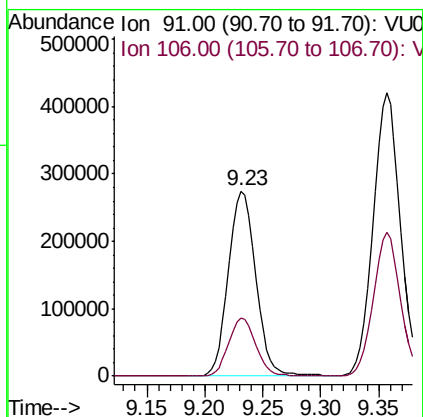
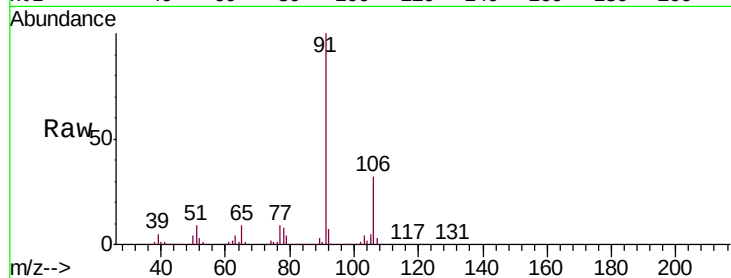




#67
Ethyl Benzene
Concen: 19.343 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

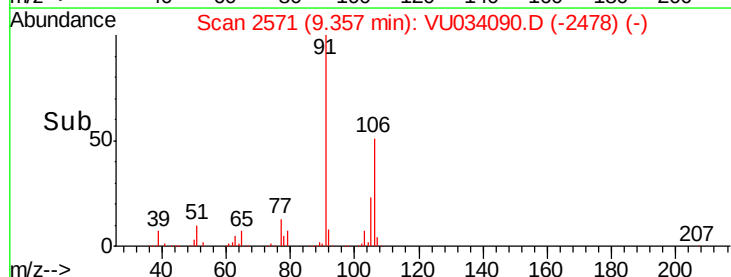
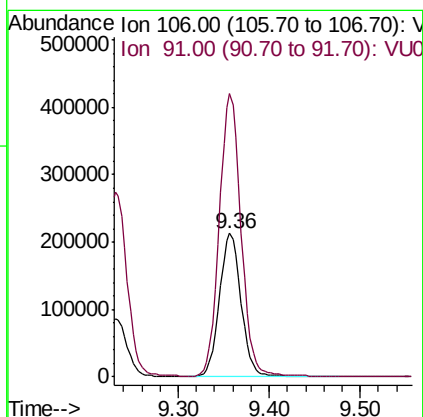
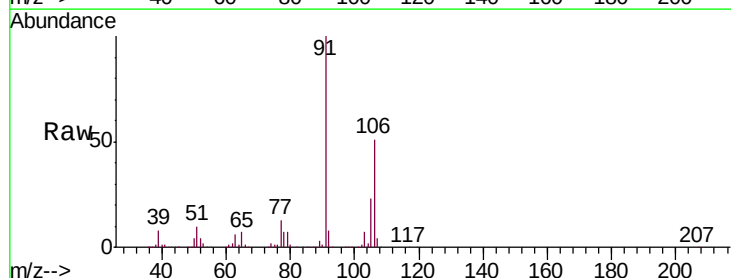
Instrument :
MSVOA_U
ClientSampleId :

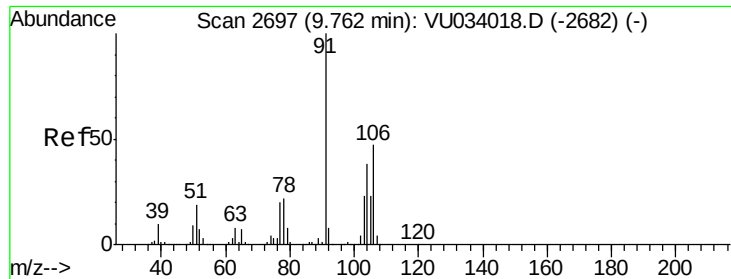
Tot Ion: 91 Resp: 450026
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 39.760 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 106 Resp: 351747
Ion Ratio Lower Upper
106 100
91 198.5 161.6 242.4

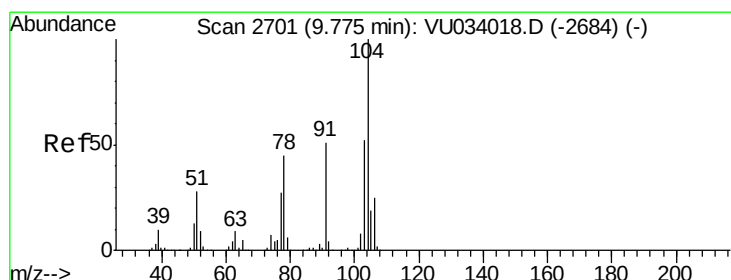
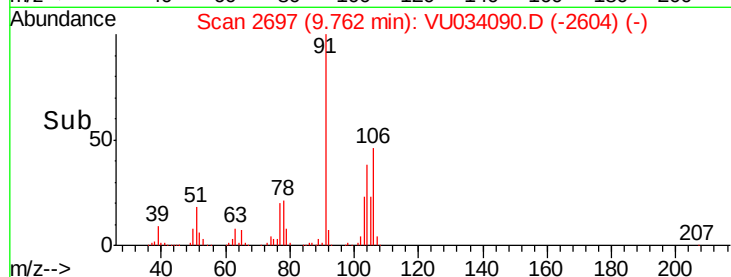
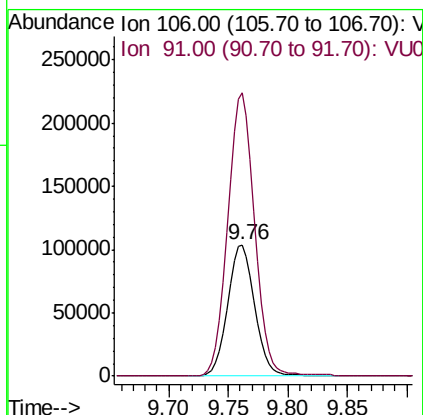
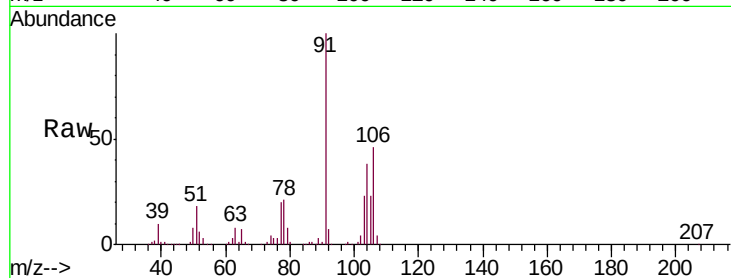




#69
o-Xylene
Concen: 19.222 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

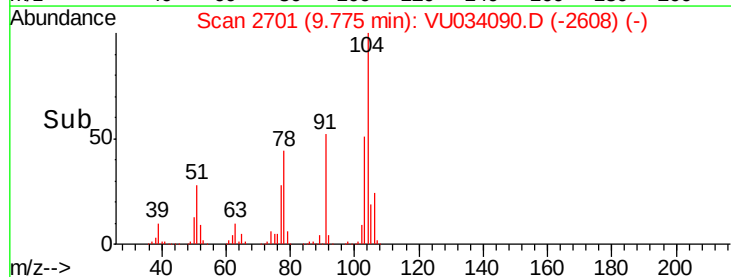
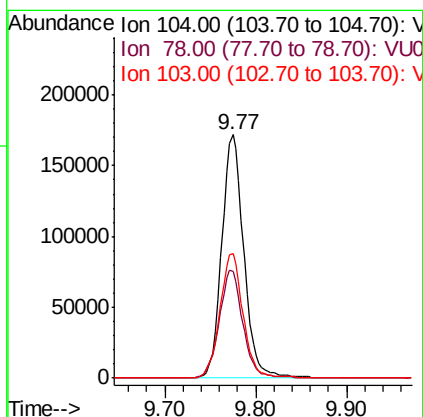
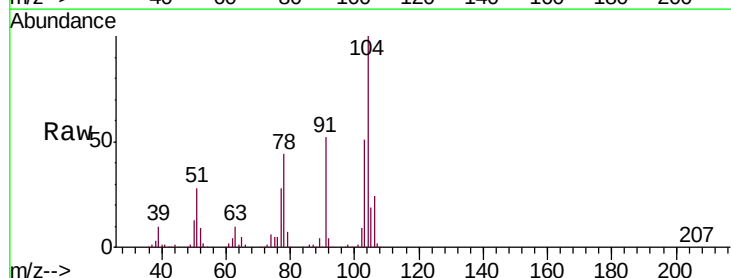
Instrument :
MSVOA_U
ClientSampled :

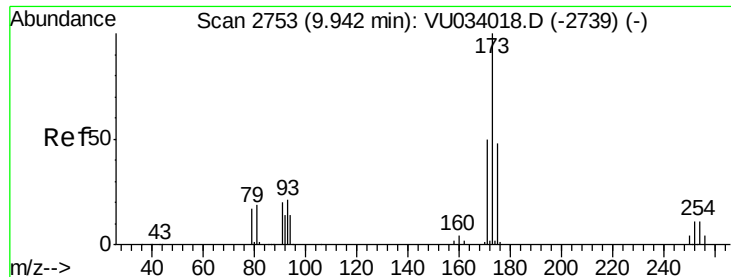
Tot Ion:106 Resp: 163146
Ion Ratio Lower Upper
106 100
91 215.3 106.0 318.0



#70
Styrene
Concen: 19.927 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion:104 Resp: 289995
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 53.7 44.0 66.0





#71

Bromoform

Concen: 17.847 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampled :

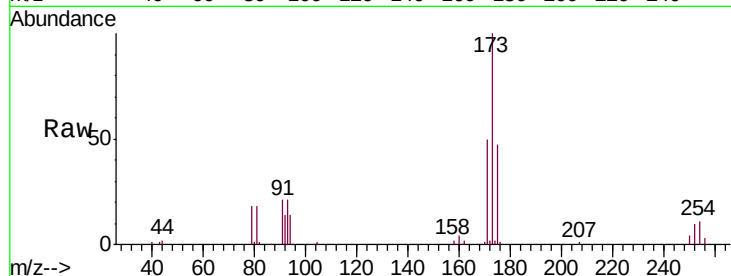
Tot Ion:173 Resp: 77171

Ion Ratio Lower Upper

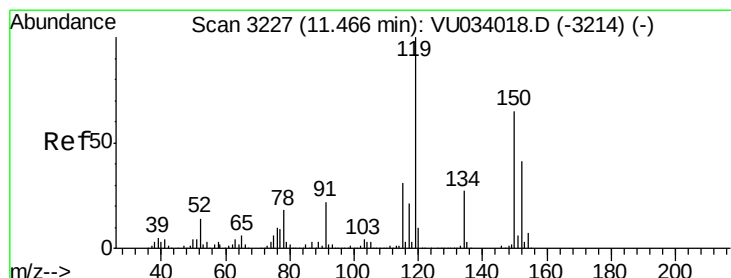
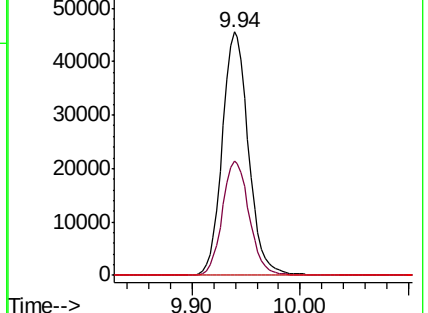
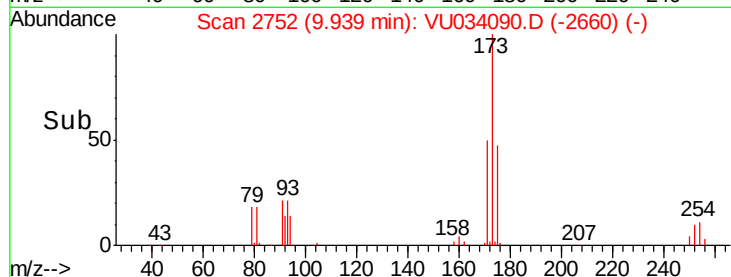
173 100

175 48.1 24.6 73.6

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

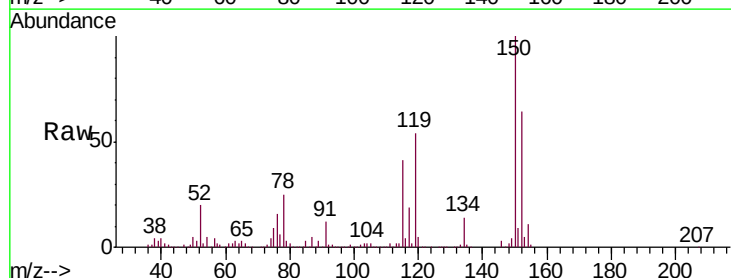
Tgt Ion:152 Resp: 358566

Ion Ratio Lower Upper

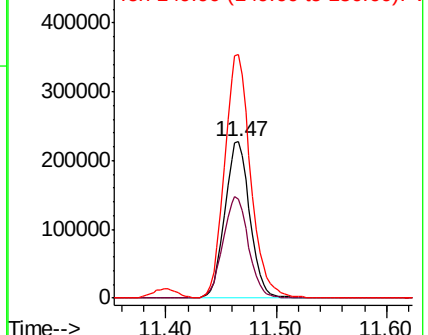
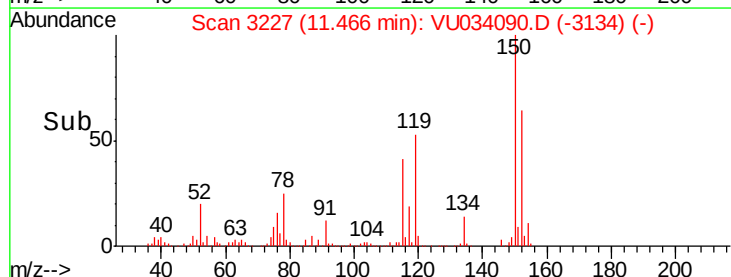
152 100

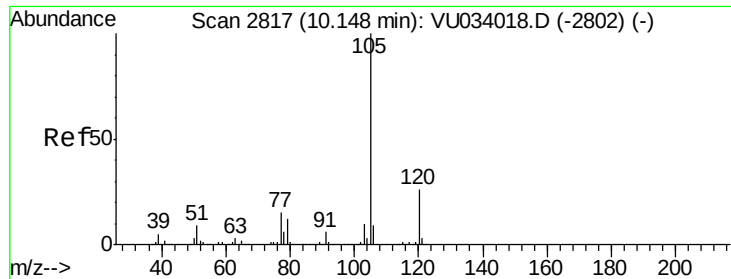
115 66.1 41.1 123.3

150 161.8 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.482 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

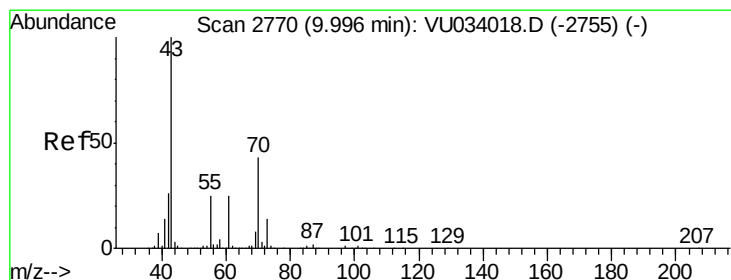
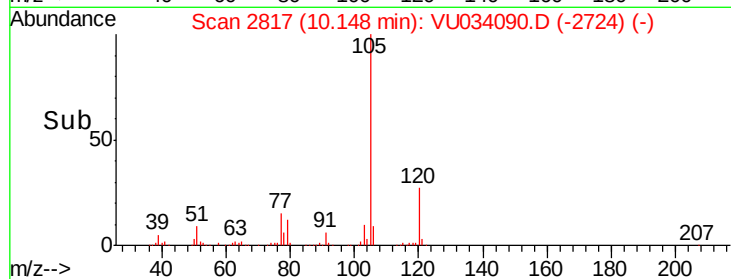
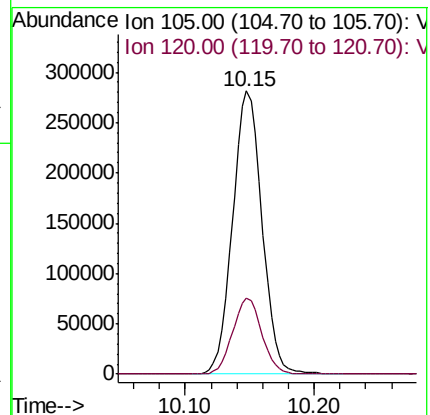
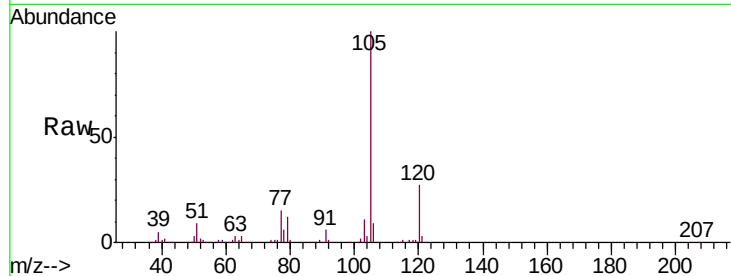
ClientSampleId :

Tot Ion:105 Resp: 445145

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 17.872 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Tgt Ion: 43 Resp: 181039

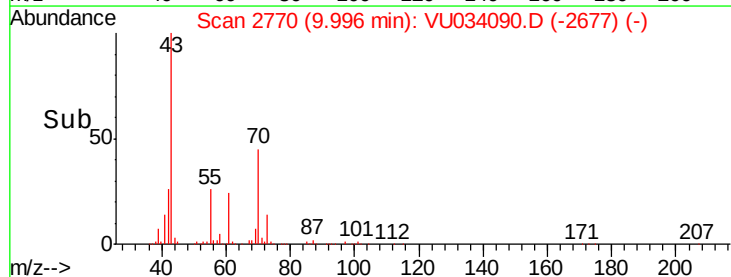
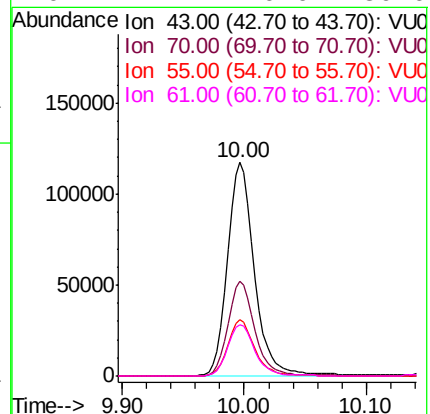
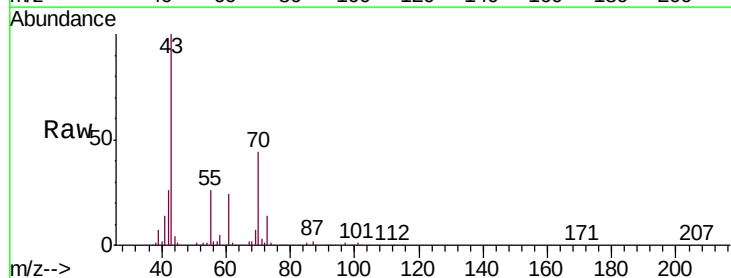
Ion Ratio Lower Upper

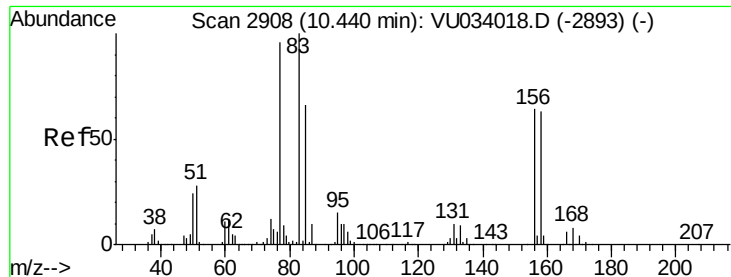
43 100

70 44.1 35.2 52.8

55 26.5 20.5 30.7

61 24.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.631 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

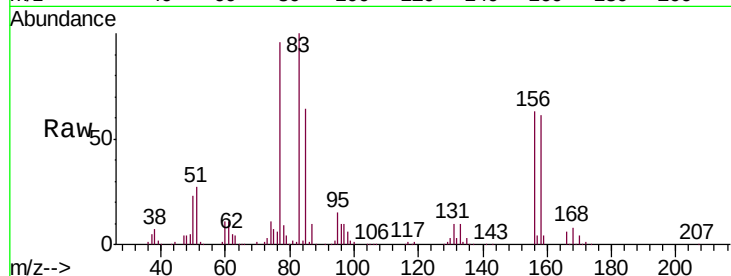
Tot Ion: 83 Resp: 162530

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.3	32.2	96.6

83 100

131 10.0 5.0 14.9

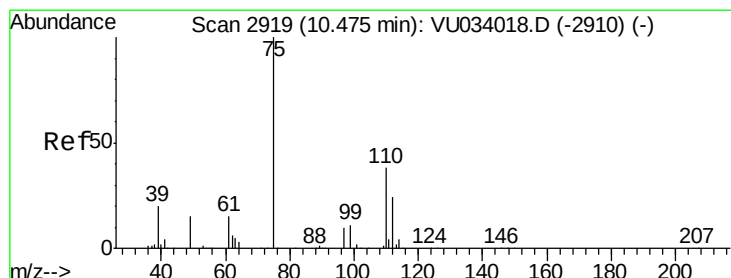
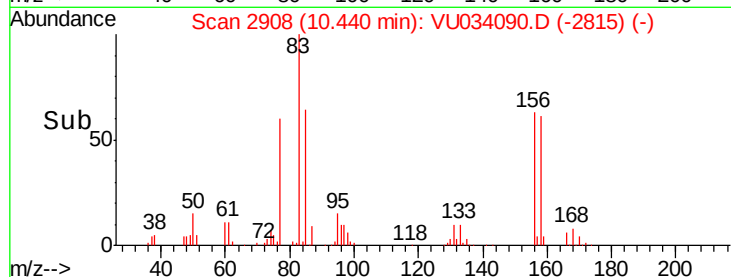
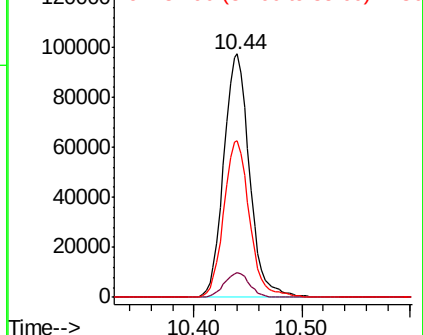
85 64.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VU034090.D (-2815) (-)

Ion 130.80 (130.50 to 131.50): VU034090.D (-2815) (-)

Ion 84.90 (84.60 to 85.60): VU034090.D (-2815) (-)



#76

1,2,3-Trichloropropane

Concen: 22.226 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034090.D

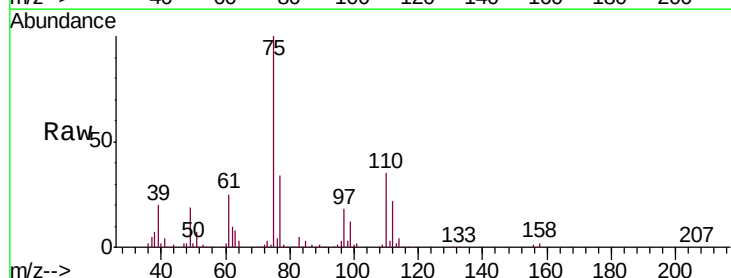
Acq: 30 Aug 2019 12:02

Tgt Ion: 75 Resp: 179617

Ion	Ratio	Lower	Upper
75	100		
77	30.9	20.1	60.2

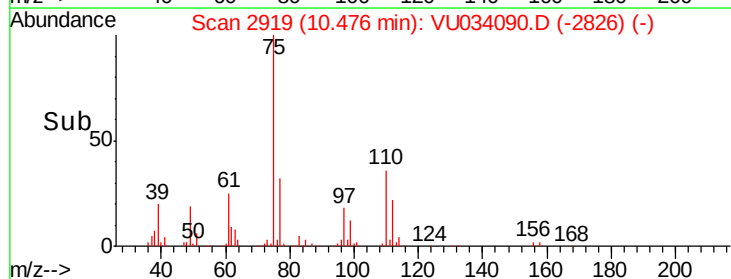
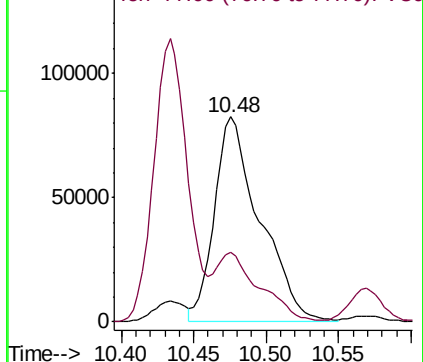
75 100

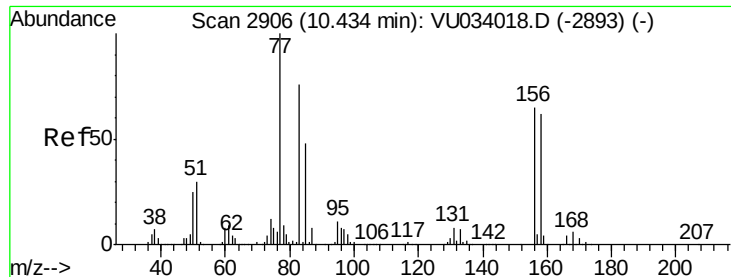
77 30.9 20.1 60.2



Abundance Ion 74.90 (74.60 to 75.60): VU034090.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034090.D (-2826) (-)





#77

Bromobenzene

Concen: 18.303 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

ClientSampled :

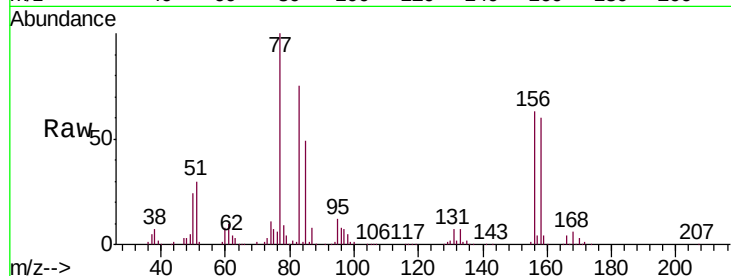
Tot Ion:156 Resp: 118580

Ion Ratio Lower Upper

156 100

77 155.4 76.8 230.5

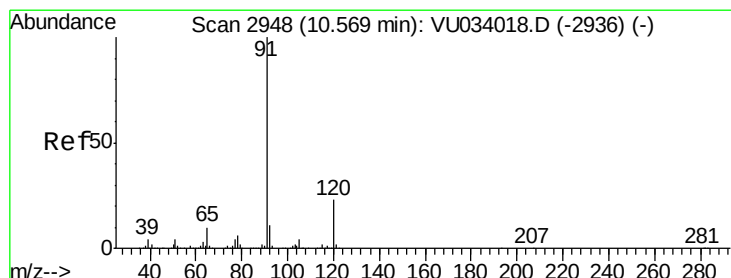
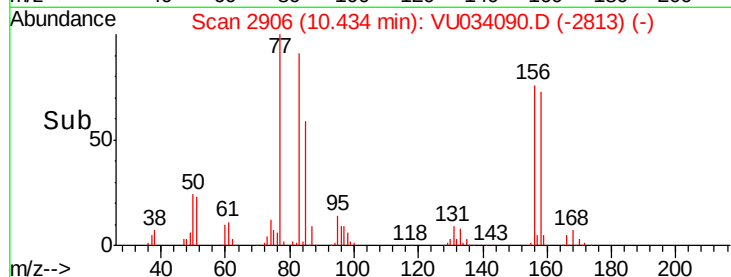
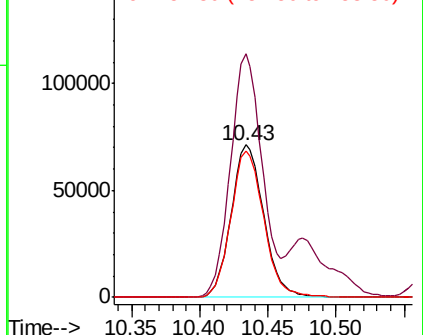
158 97.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.860 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034090.D

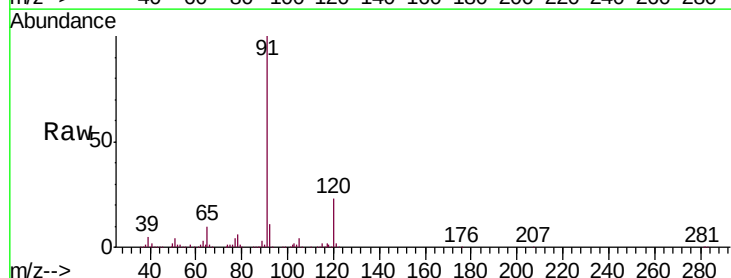
Acq: 30 Aug 2019 12:02

Tgt Ion: 91 Resp: 529002

Ion Ratio Lower Upper

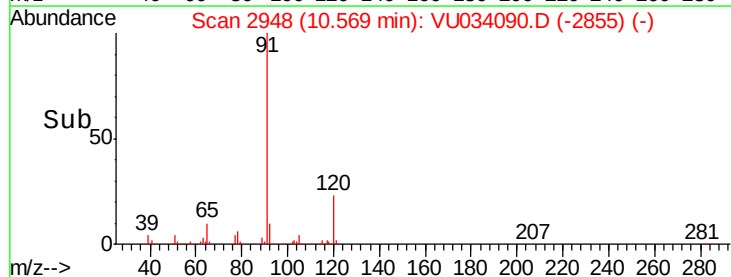
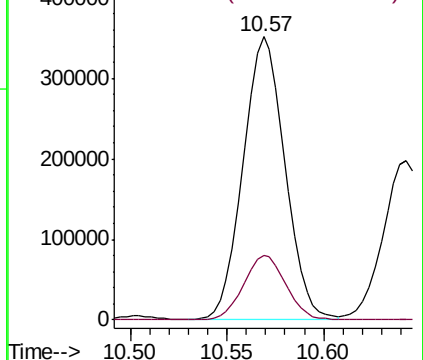
91 100

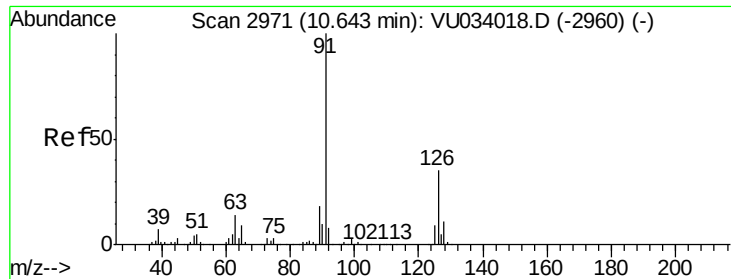
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.759 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

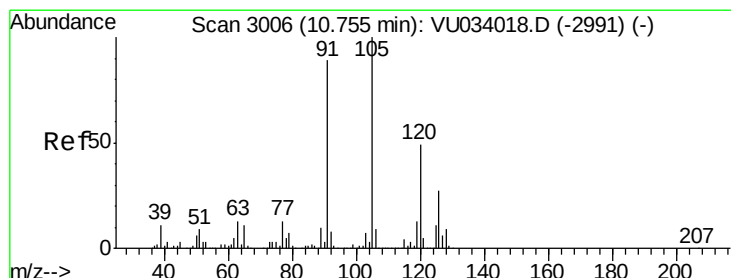
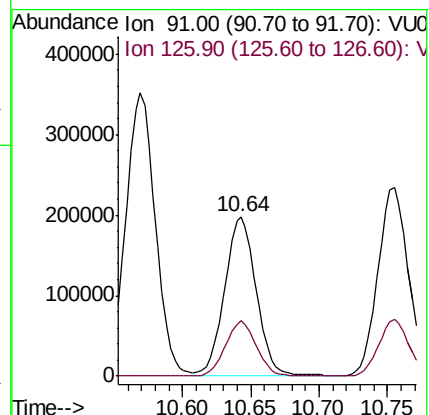
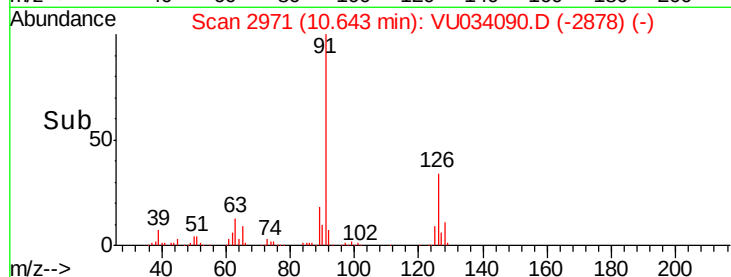
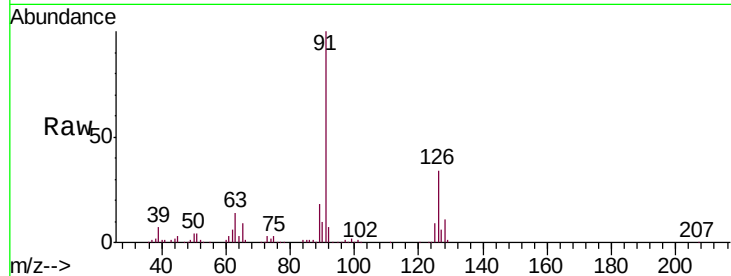
ClientSampleId :

Tot Ion: 91 Resp: 315596

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.064 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034090.D

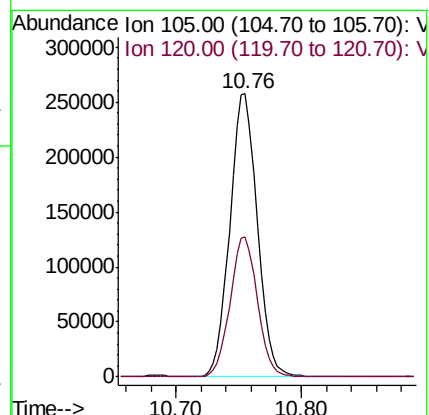
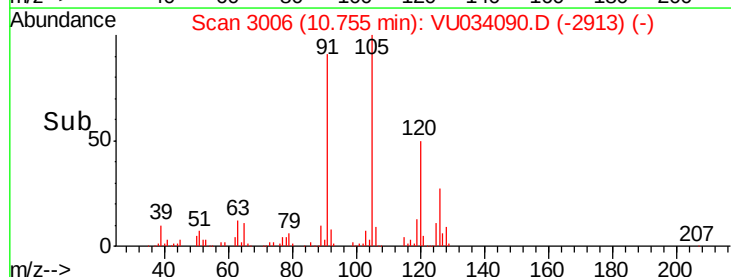
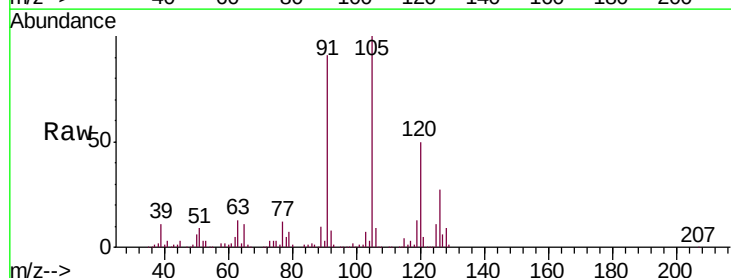
Acq: 30 Aug 2019 12:02

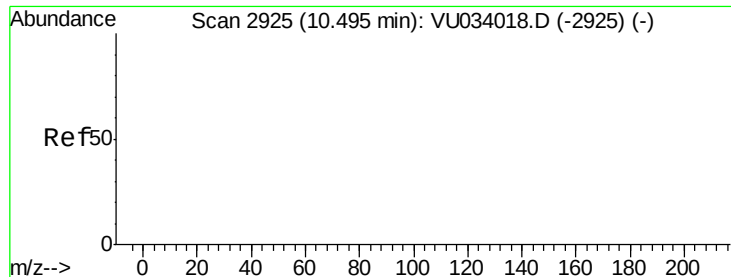
Tgt Ion: 105 Resp: 389153

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6

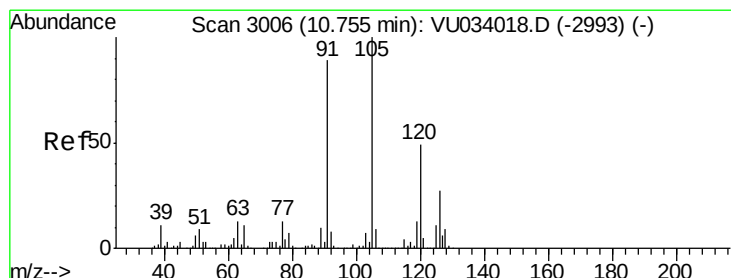
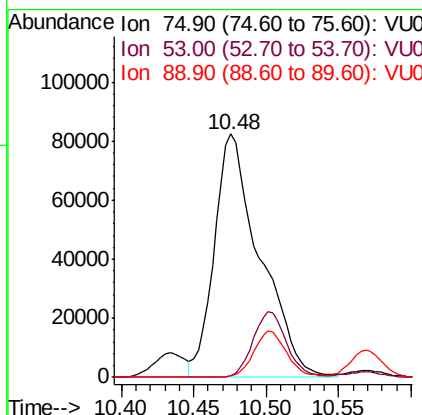
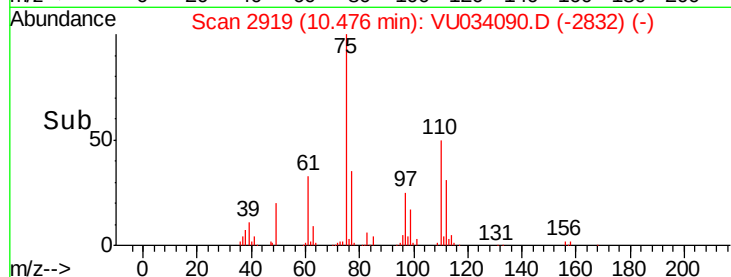
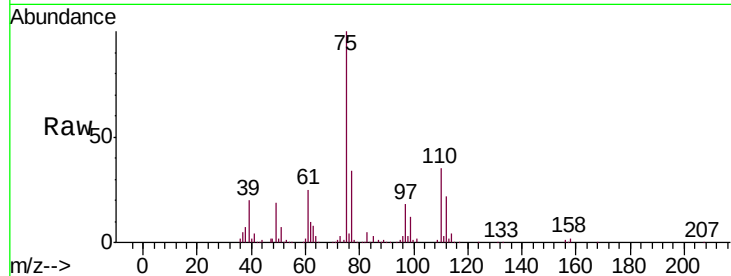




#81
trans-1,4-Dichloro-2-butene
Concen: 74.840 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

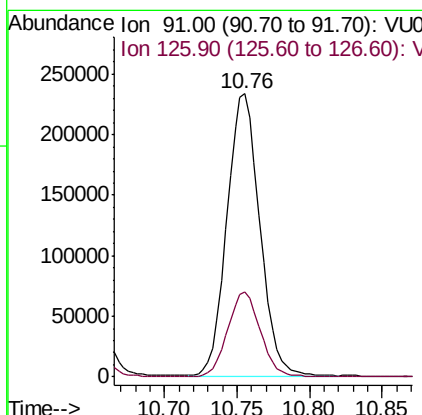
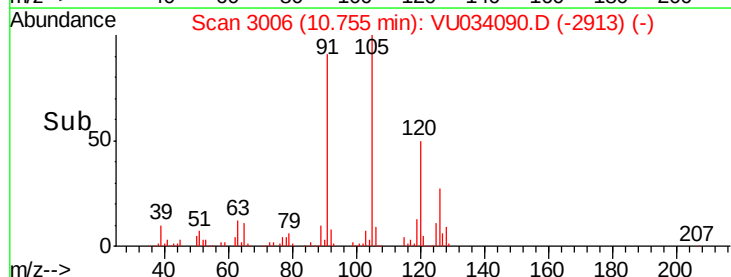
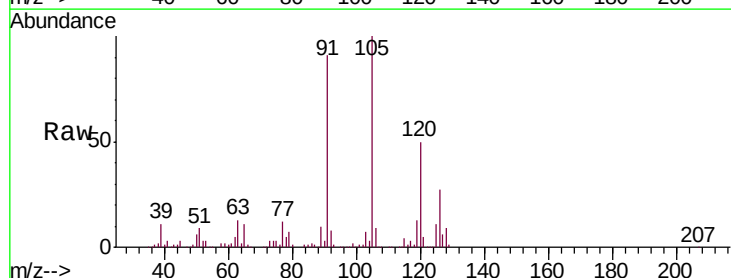
Instrument :
MSVOA_U
ClientSampleId :

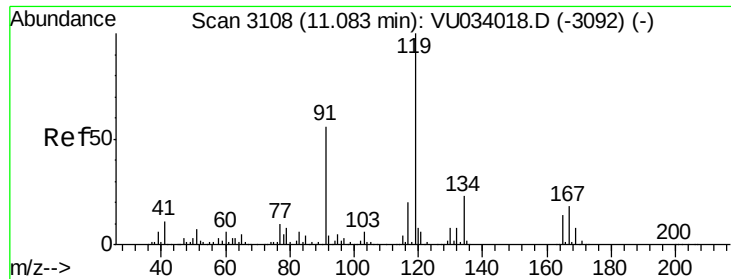
Tot Ion: 75 Resp: 179617
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 18.885 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion: 91 Resp: 365402
Ion Ratio Lower Upper
91 100
126 29.9 15.0 45.1

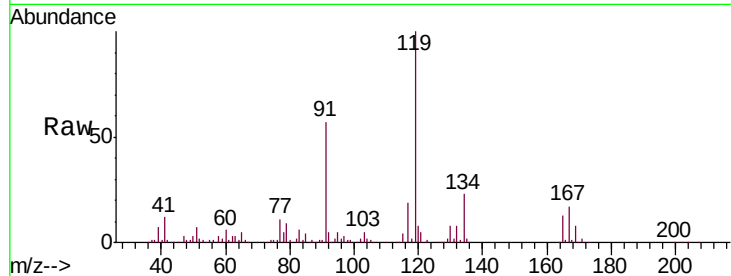




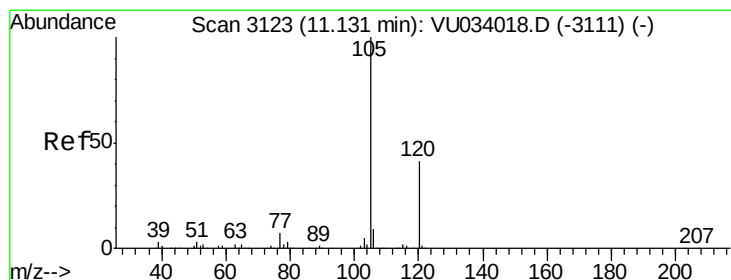
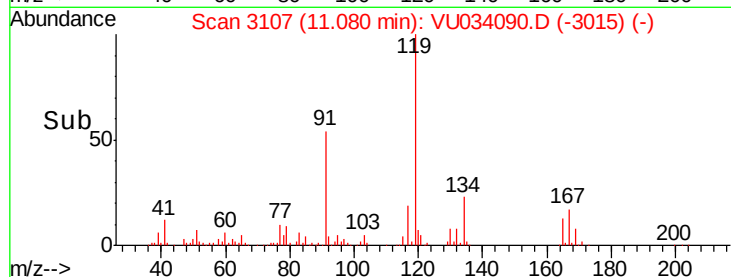
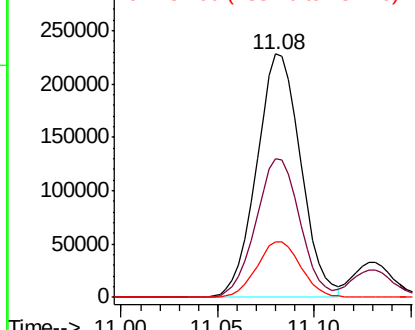
#83
 tert-Butylbenzene
 Concen: 18.013 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.9	83.6
134	23.0	11.4	34.2

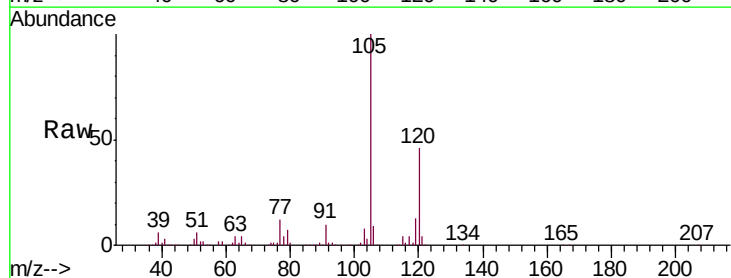


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

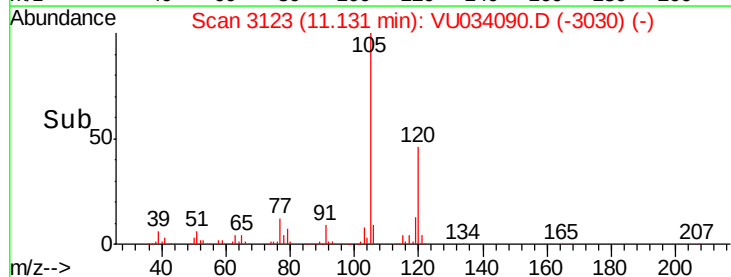
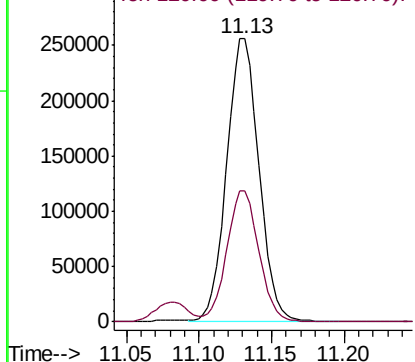


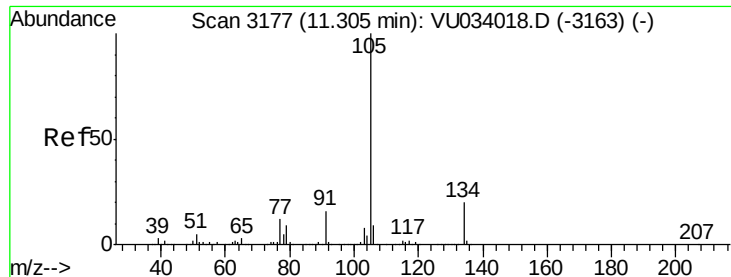
#84
 1,2,4-Trimethylbenzene
 Concen: 19.395 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.506 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

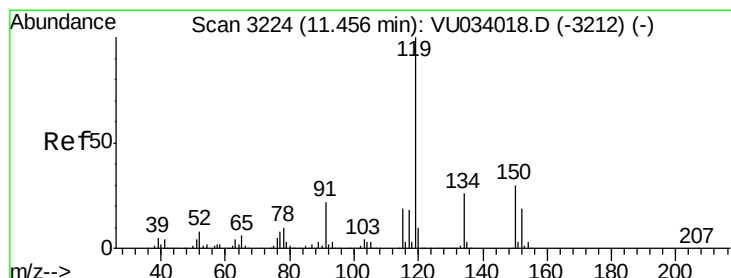
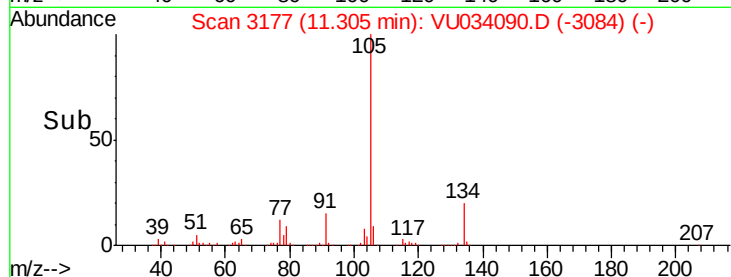
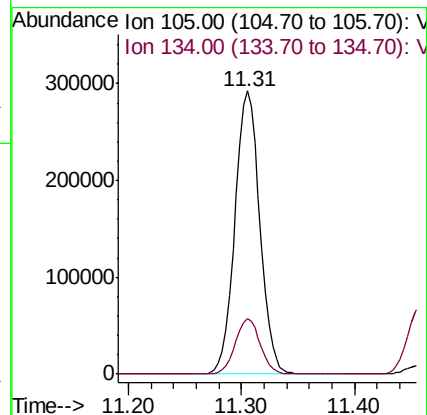
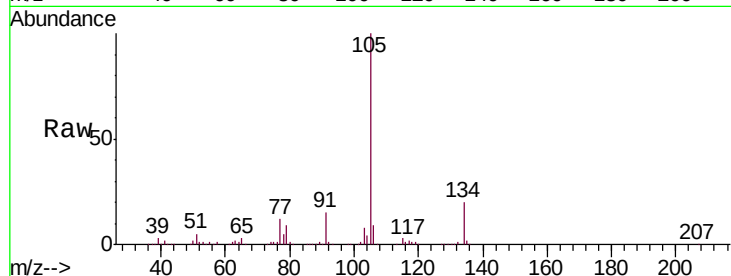
ClientSampleId :

Tot Ion:105 Resp: 445714

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 18.773 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

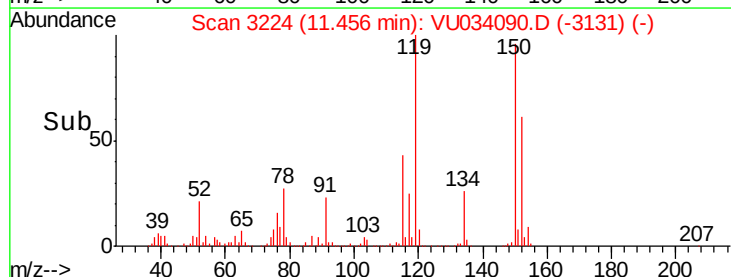
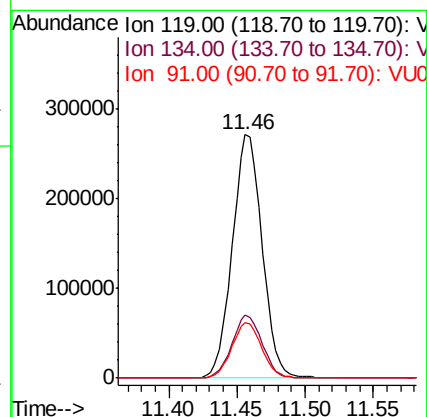
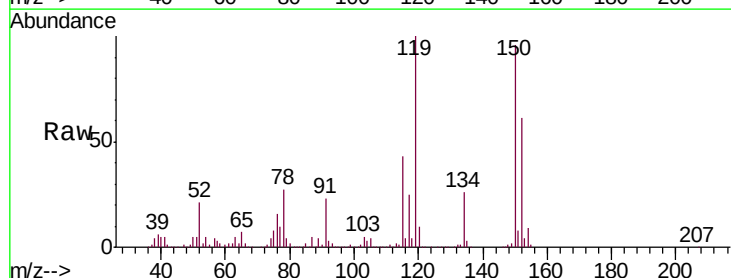
Tgt Ion:119 Resp: 408940

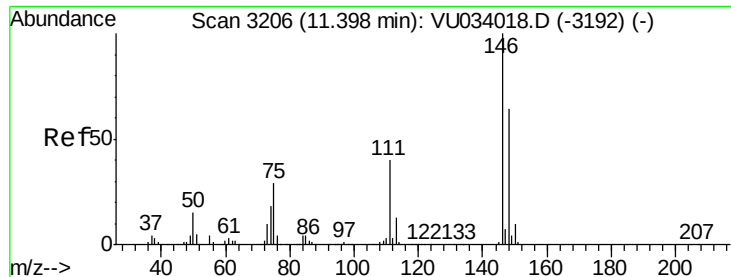
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.0 11.2 33.6

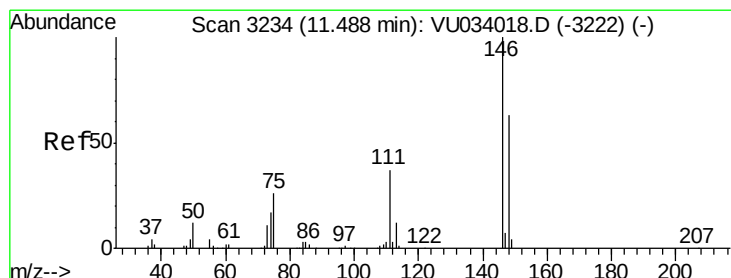
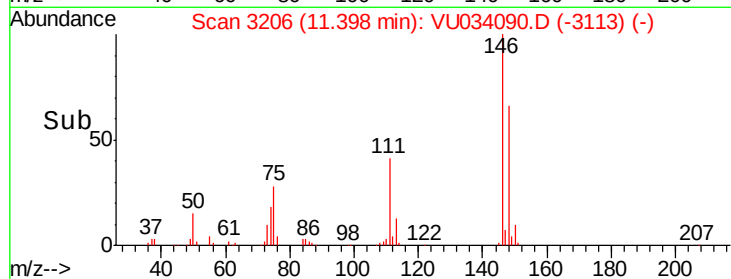
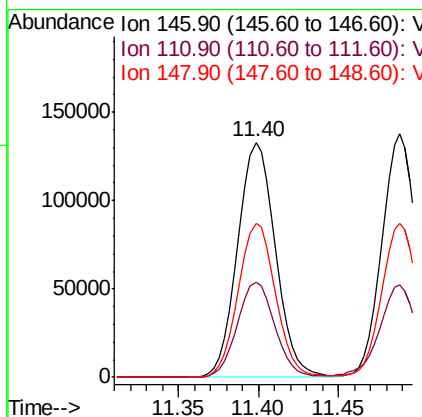
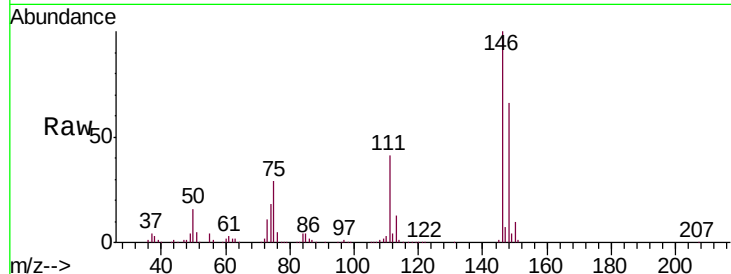




#87
 1,3-Dichlorobenzene
 Concen: 18.689 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

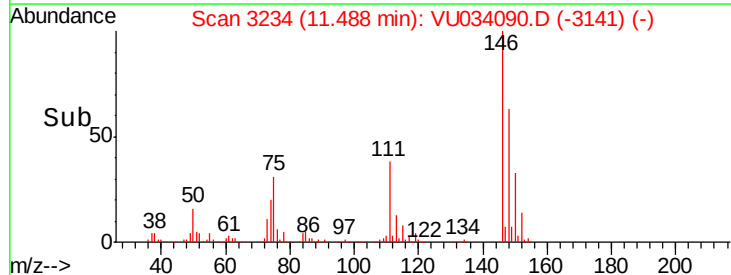
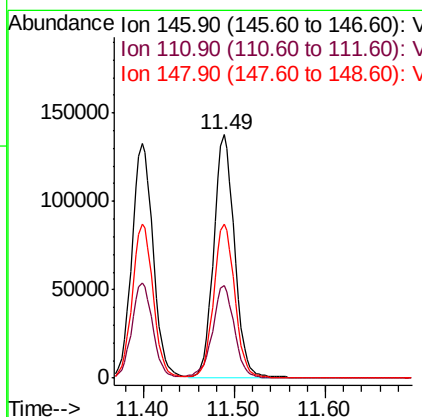
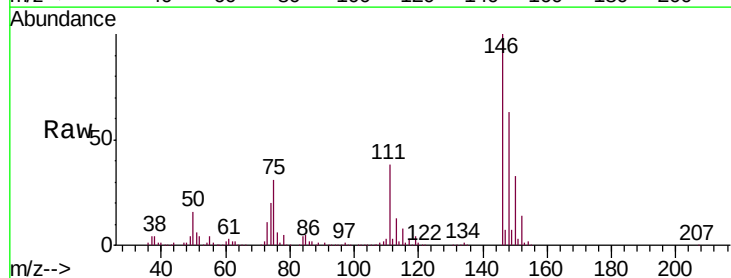
Instrument :
 MSVOA_U
 ClientSampleId :

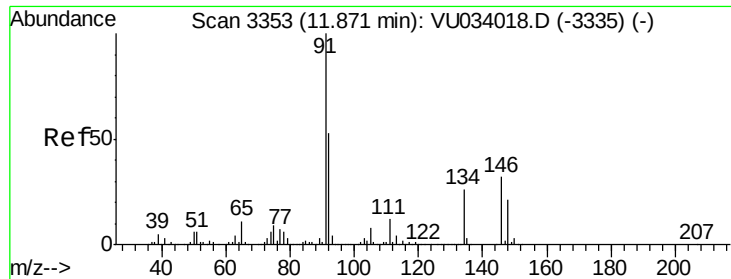
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	64.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.861 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.2	57.6
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 19.051 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU034090.D

Acq: 30 Aug 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

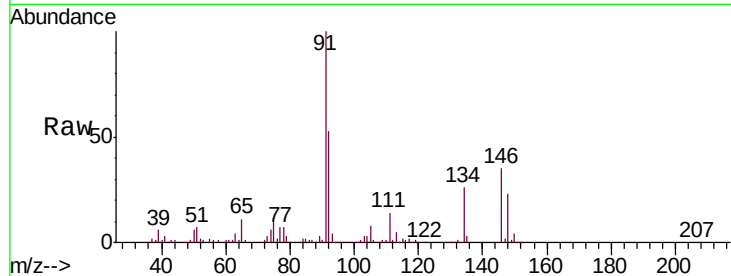
Tot Ion: 91 Resp: 365877

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

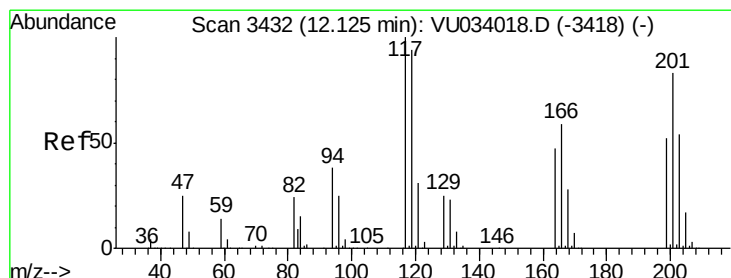
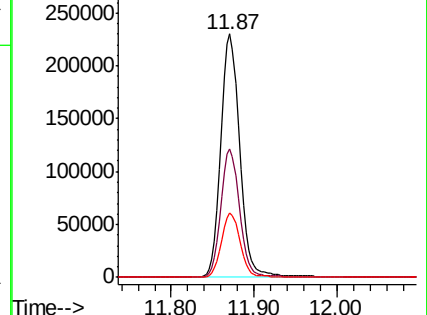
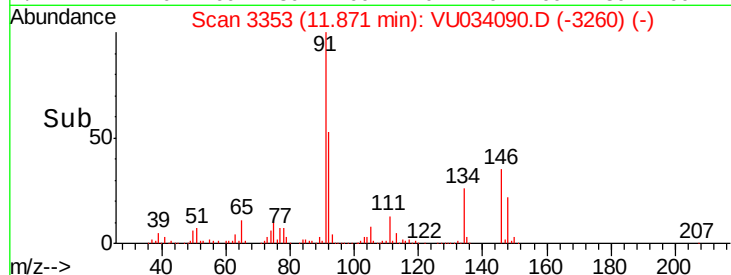
134 25.9 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-3335) (-)

Ion 92.00 (91.70 to 92.70): VU034018.D (-3335) (-)

Ion 134.00 (133.70 to 134.70): VU034018.D (-3335) (-)



#90

Hexachloroethane

Concen: 15.481 ug/l

RT: 12.12 min Scan# 3432

Delta R.T. 0.00 min

Lab File: VU034090.D

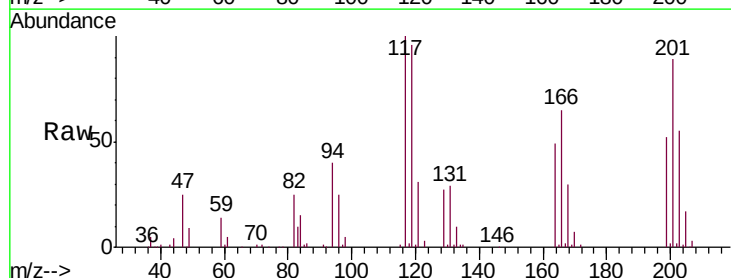
Acq: 30 Aug 2019 12:02

Tgt Ion: 117 Resp: 58305

Ion Ratio Lower Upper

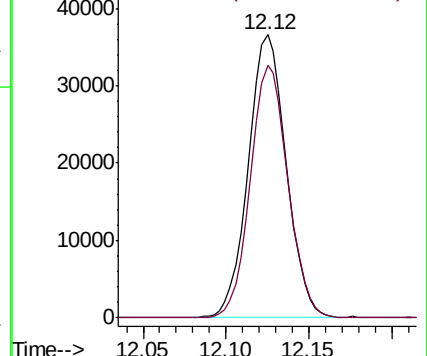
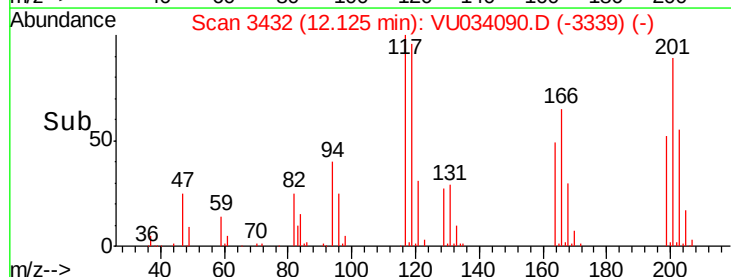
117 100

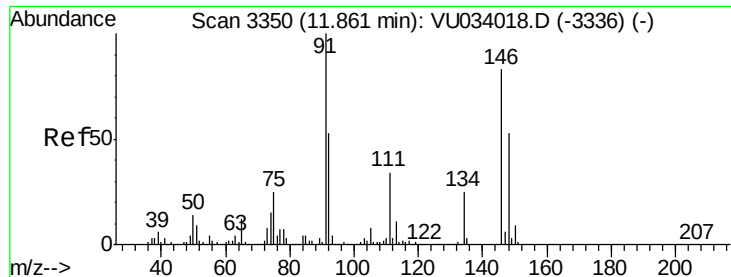
201 87.9 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034018.D (-3418) (-)

Ion 200.70 (200.40 to 201.40): VU034018.D (-3418) (-)

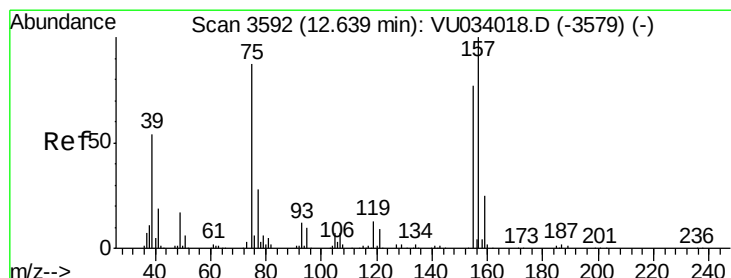
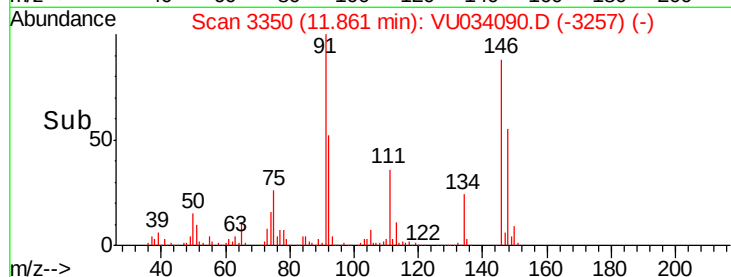
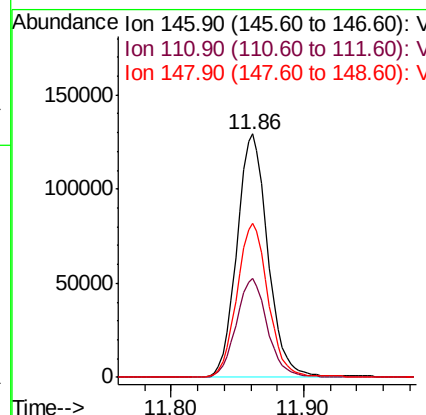
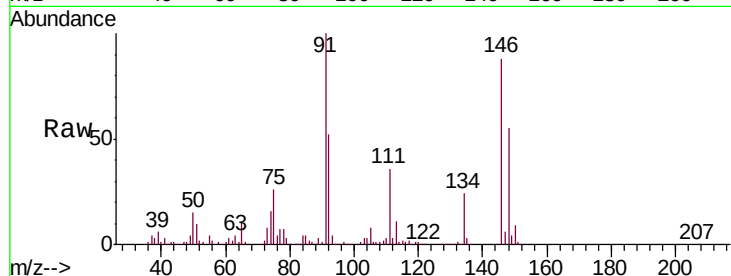




#91
 1,2-Dichlorobenzene
 Concen: 19.049 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

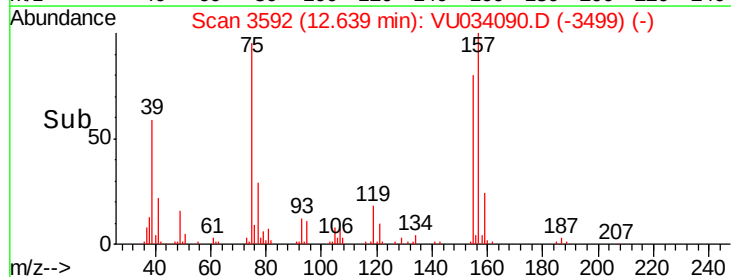
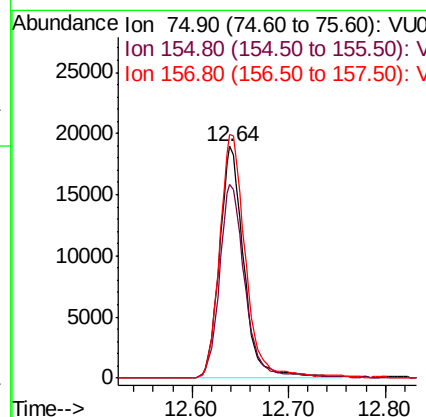
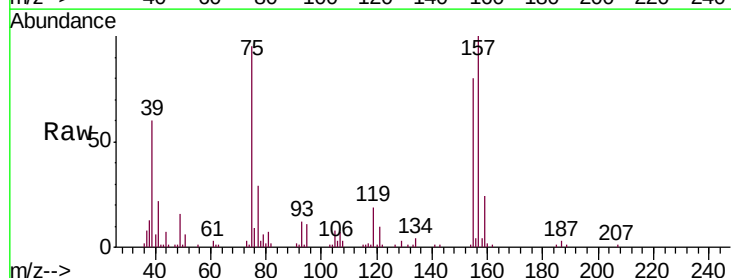
Instrument :
 MSVOA_U
 ClientSampleId :

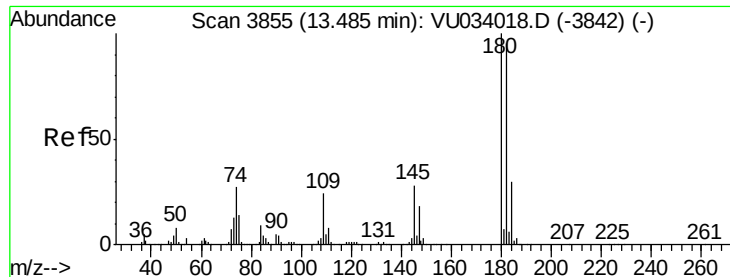
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.101 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	43.5	130.7
157	110.0	56.9	170.6

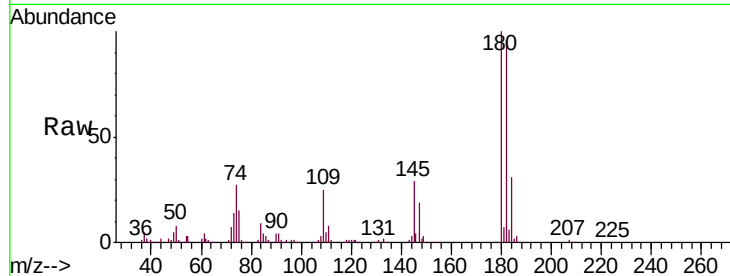




#93
 1,2,4-Trichlorobenzene
 Concen: 19.286 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	29.0	14.1	42.3

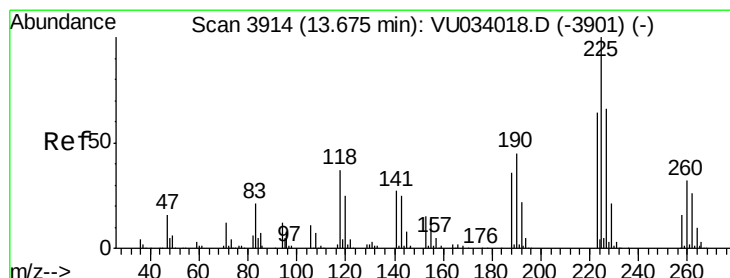
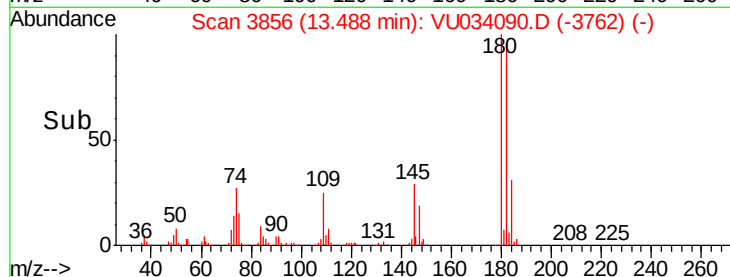
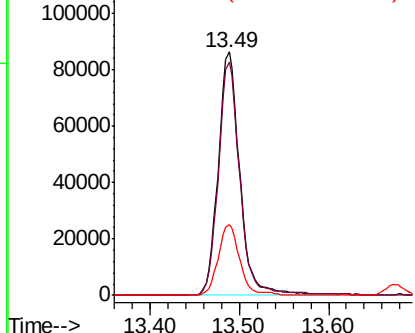


Abundance

Ion 179.80 (179.50 to 180.50): V

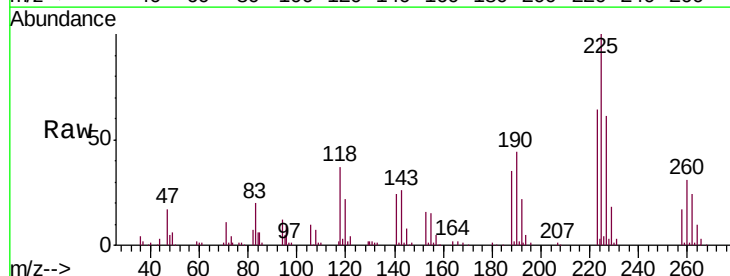
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 16.524 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034090.D
 Acq: 30 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.8	95.3
227	62.5	32.6	97.8

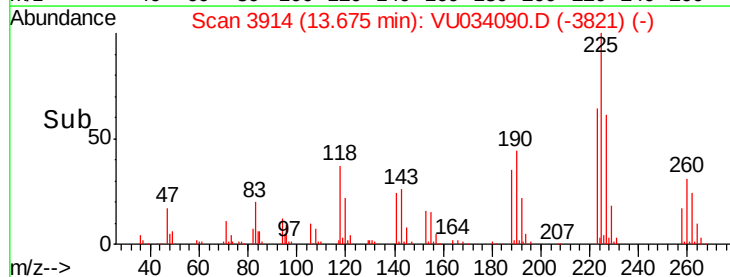
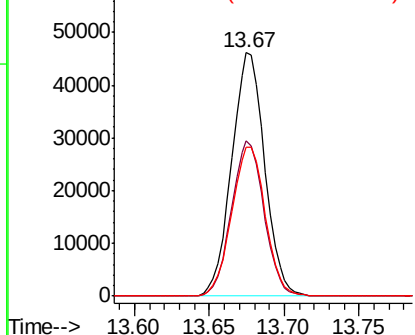


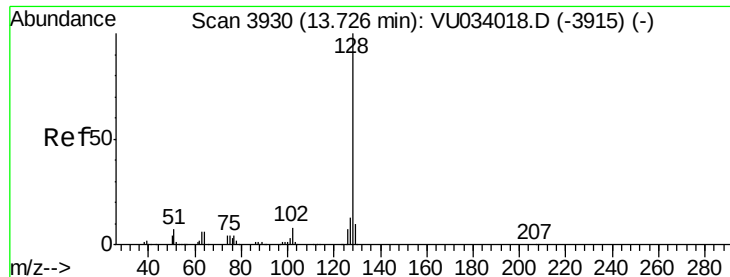
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

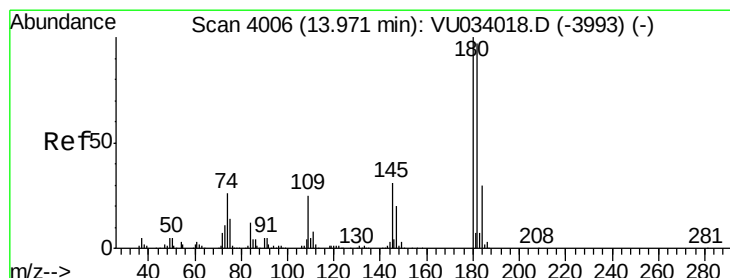
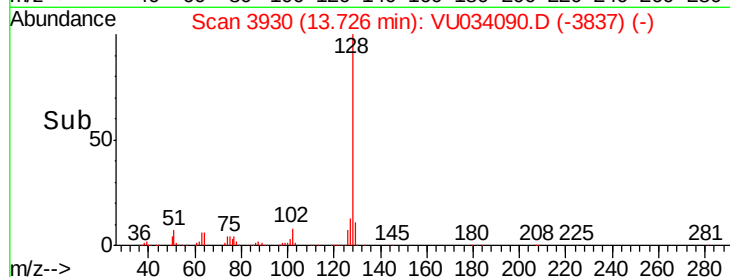
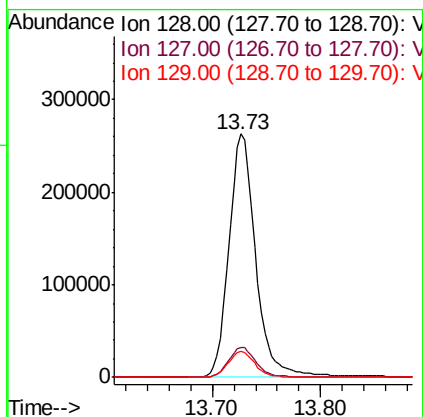
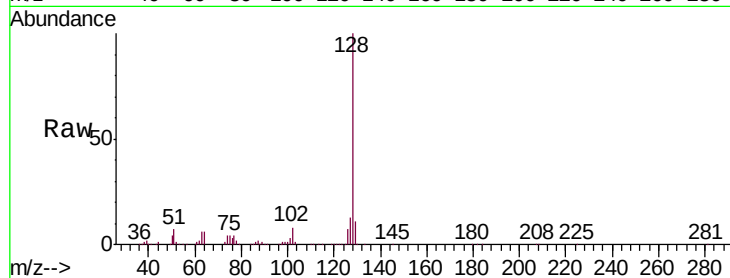




#95
Naphthalene
Concen: 21.422 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 455693
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.799 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034090.D
Acq: 30 Aug 2019 12:02

Tgt Ion:180 Resp: 146393
Ion Ratio Lower Upper
180 100
182 96.1 48.2 144.6
145 30.8 15.5 46.5

