

Data File : VU034213.D
Acq On : 03 Sep 2019 09:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Sep 04 04:17:00 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	426414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	646240	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	613591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	333629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	259586	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	4.86	113	226150	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	7.55	98	868767	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	10.29	95	323499	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	198238	46.225	ug/l	98
3) Chloromethane	1.32	50	241873	41.892	ug/l	99
4) Vinyl Chloride	1.40	62	246394	43.168	ug/l	98
5) Bromomethane	1.61	94	133010	48.203	ug/l	98
6) Chloroethane	1.69	64	151064	43.291	ug/l	99
7) Trichlorofluoromethane	1.87	101	305455	46.186	ug/l	98
8) Diethyl Ether	2.09	74	132269	46.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.27	101	200582	47.874	ug/l	98
10) Methyl Iodide	2.40	142	193562	32.568	ug/l	100
11) Tert butyl alcohol	2.81	59	221159	175.525	ug/l	99
12) 1,1-Dichloroethene	2.27	96	195080	45.699	ug/l	99
13) Acrolein	2.18	56	75186	141.849	ug/l	100
14) Allyl chloride	2.58	41	321880	40.104	ug/l	93
15) Acrylonitrile	2.92	53	607112	209.981	ug/l	100
16) Acetone	2.31	43	655570	235.150	ug/l	100
17) Carbon Disulfide	2.46	76	541148	40.054	ug/l	99
18) Methyl Acetate	2.60	43	290756	40.358	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	664796	47.530	ug/l	100
20) Methylene Chloride	2.68	84	237070	44.919	ug/l	97
21) trans-1,2-Dichloroethene	2.96	96	211390	45.628	ug/l	99
22) Diisopropyl ether	3.55	45	716774	48.736	ug/l	97
23) Vinyl Acetate	3.50	43	2890147	228.760	ug/l	100
24) 1,1-Dichloroethane	3.42	63	407357	46.914	ug/l	100
25) 2-Butanone	4.23	43	857331	221.037	ug/l	100
26) 2,2-Dichloropropane	4.20	77	328389	46.479	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	239715	46.098	ug/l	99
28) Bromochloromethane	4.52	49	201769	47.165	ug/l	100
29) Tetrahydrofuran	4.61	42	499489	208.818	ug/l	99
30) Chloroform	4.65	83	398130	45.956	ug/l	99
31) Cyclohexane	4.97	56	349304	42.812	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	331234	46.684	ug/l	99
36) 1,1-Dichloropropene	5.11	75	291294	47.655	ug/l	100
37) Ethyl Acetate	4.36	43	292781	42.773	ug/l	99
38) Carbon Tetrachloride	5.11	117	284756	48.262	ug/l	99

Data File : VU034213.D
Acq On : 03 Sep 2019 09:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Sep 04 04:17:00 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	339263	47.090	ug/l	97
40) Benzene	5.37	78	895636	48.429	ug/l	100
41) Methacrylonitrile	4.52	41	161608	46.036	ug/l	99
42) 1,2-Dichloroethane	5.38	62	302881	47.427	ug/l	98
43) Isopropyl Acetate	5.53	43	462123	44.377	ug/l	100
44) Trichloroethene	6.16	130	239298	49.274	ug/l	99
45) 1,2-Dichloropropane	6.41	63	251544	49.410	ug/l	99
46) Dibromomethane	6.54	93	156617	47.751	ug/l	99
47) Bromodichloromethane	6.74	83	320454	49.938	ug/l	99
48) Methyl methacrylate	6.60	41	222649	44.307	ug/l	97
49) 1,4-Dioxane	6.59	88	91307	725.190	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1539582	214.076	ug/l	99
52) Toluene	7.62	92	566662	49.739	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	337222	47.361	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	380862	48.960	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	234219	48.603	ug/l	99
56) Ethyl methacrylate	8.00	69	335405	42.116	ug/l	99
57) 1,3-Dichloropropane	8.22	76	387348	47.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	553327	207.549	ug/l	99
59) 2-Hexanone	8.34	43	1195680	220.234	ug/l	100
60) Dibromochloromethane	8.46	129	252741	48.859	ug/l	98
61) 1,2-Dibromoethane	8.57	107	232162	45.734	ug/l	99
64) Tetrachloroethene	8.21	164	214089	51.955	ug/l	98
65) Chlorobenzene	9.10	112	615491	48.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	223457	48.804	ug/l	99
67) Ethyl Benzene	9.23	91	1066535	49.827	ug/l	100
68) m/p-Xylenes	9.36	106	836456	102.773	ug/l	99
69) o-Xylene	9.76	106	393895	50.445	ug/l	99
70) Styrene	9.77	104	703511	52.546	ug/l	100
71) Bromoform	9.94	173	186437	46.865	ug/l #	99
73) Isopropylbenzene	10.15	105	1071331	47.807	ug/l	99
74) N-amyl acetate	10.00	43	419921	44.553	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	365598	42.624	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	393763	52.366	ug/l	87
77) Bromobenzene	10.43	156	279607	46.383	ug/l	98
78) n-propylbenzene	10.57	91	1276428	48.909	ug/l	100
79) 2-Chlorotoluene	10.64	91	743102	47.471	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	937275	49.347	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	395195	176.971	ug/l #	100
82) 4-Chlorotoluene	10.75	91	872002	48.436	ug/l	100
83) tert-Butylbenzene	11.08	119	882765	47.212	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	941112	49.899	ug/l	99
85) sec-Butylbenzene	11.31	105	1083105	48.331	ug/l	100
86) p-Isopropyltoluene	11.46	119	999858	49.331	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	515323	48.286	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	518493	48.039	ug/l	99
89) n-Butylbenzene	11.87	91	909924	50.920	ug/l	100
90) Hexachloroethane	12.13	117	148980	42.514	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	495866	48.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	70232	41.101	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090419\
Quantitation Report (Not Reviewed)

Data File : VU034213.D
Acq On : 03 Sep 2019 09:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

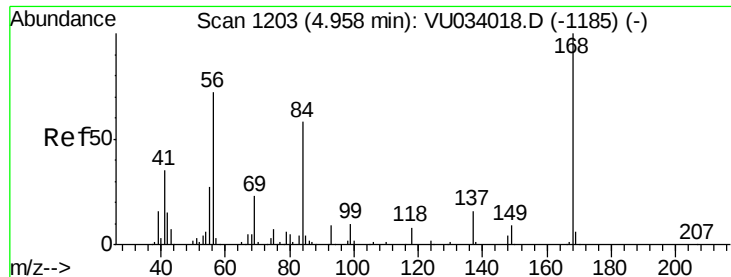
Quant Time: Sep 04 04:17:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	343300	47.273	ug/l	100
94) Hexachlorobutadiene	13.67	225	176771	44.201	ug/l	99
95) Naphthalene	13.72	128	861086	41.659	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	327530	50.013	ug/l	100

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

Quant Time: Sep 04 04:17:00 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

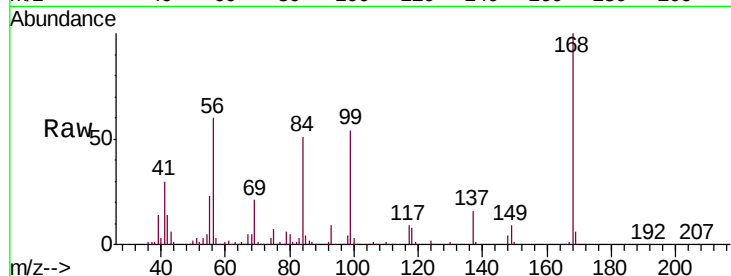
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 168 Resp: 426414

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

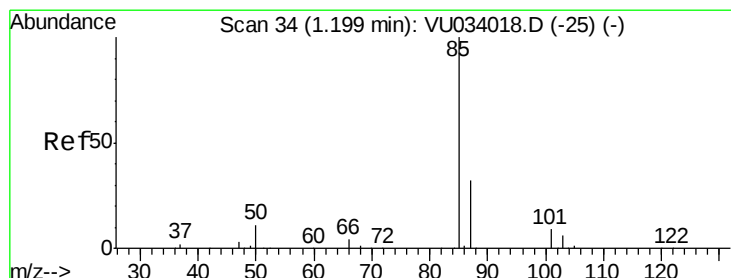
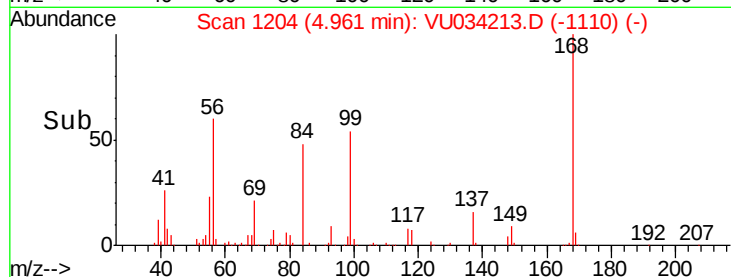
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.225 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU034213.D

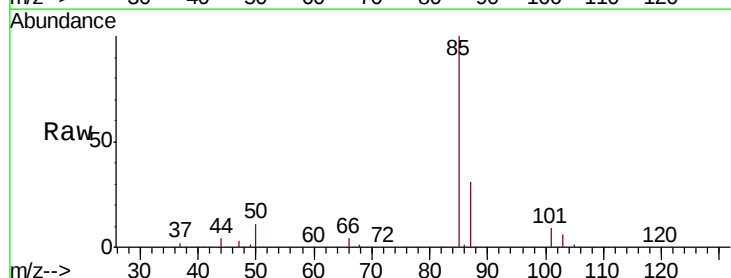
Acq: 03 Sep 2019 09:27

Tgt Ion: 85 Resp: 198238

Ion Ratio Lower Upper

85 100

87 31.2 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

200000

150000

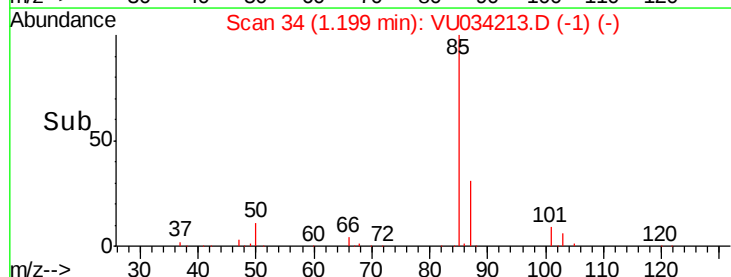
100000

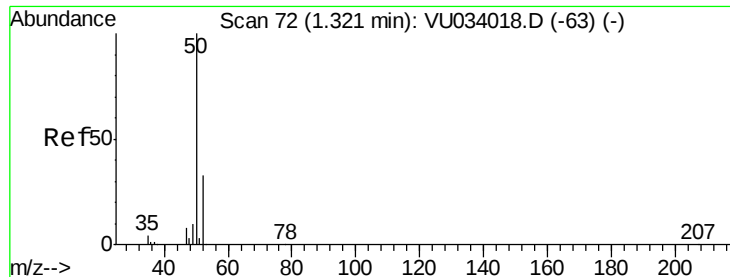
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 41.892 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

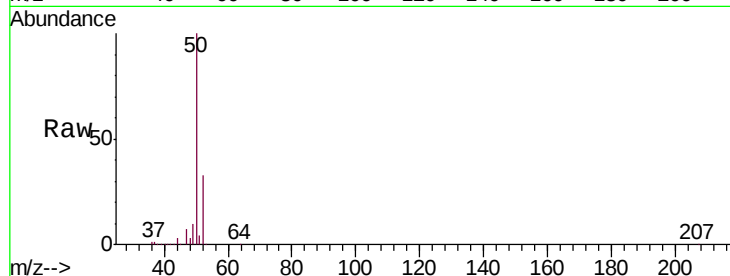
VSTDCCC050

Tgt Ion: 50 Resp: 241873

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034213.D (-1) (-)

1.32

250000

200000

150000

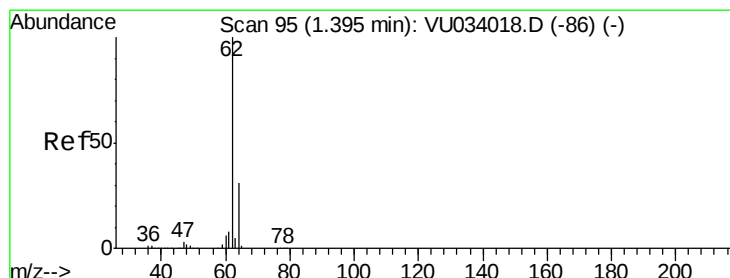
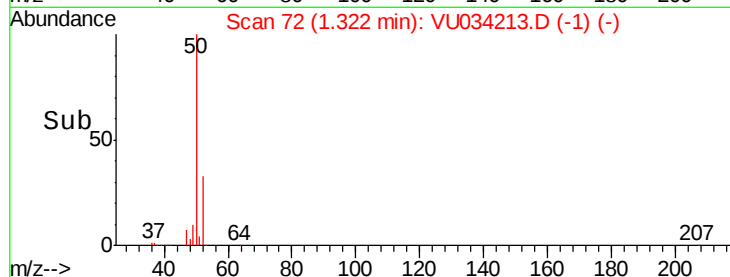
100000

50000

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 43.168 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034213.D

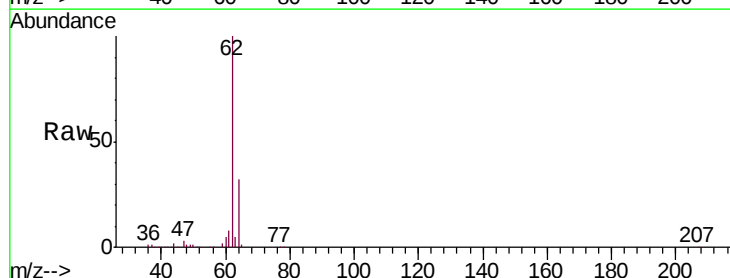
Acq: 03 Sep 2019 09:27

Tgt Ion: 62 Resp: 246394

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VU034018.D (-86) (-)

Ion 63.90 (63.60 to 64.60): VU034213.D (-2) (-)

1.40

250000

200000

150000

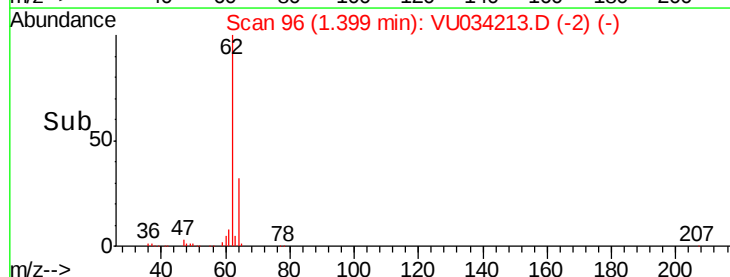
100000

50000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 48.203 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

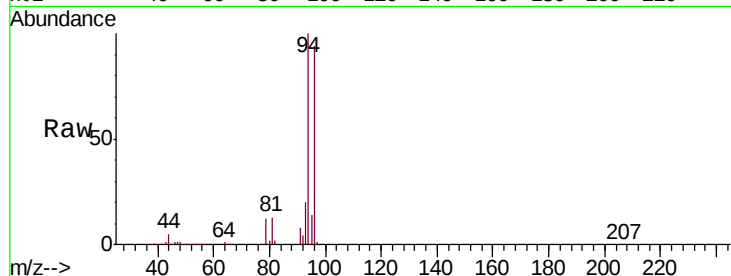
VSTDCCC050

Tgt Ion: 94 Resp: 133010

Ion Ratio Lower Upper

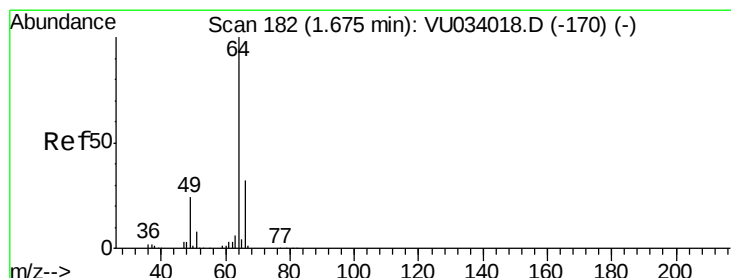
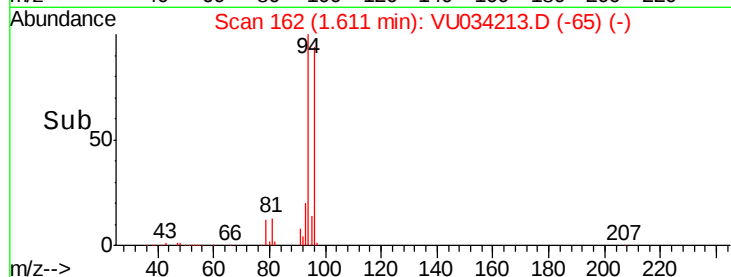
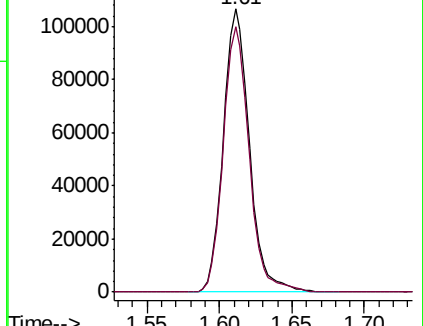
94 100

96 93.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034213.D (-162) (-)

Ion 95.90 (95.60 to 96.60): VU034213.D (-162) (-)



#6

Chloroethane

Concen: 43.291 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034213.D

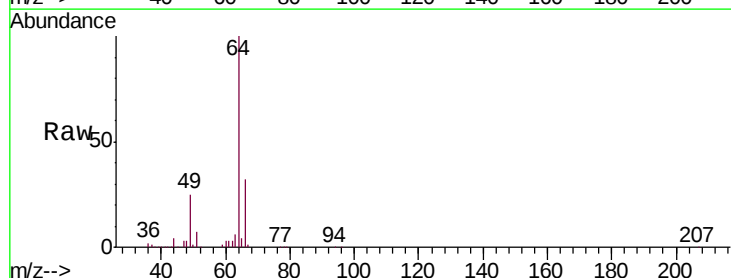
Acq: 03 Sep 2019 09:27

Tgt Ion: 64 Resp: 151064

Ion Ratio Lower Upper

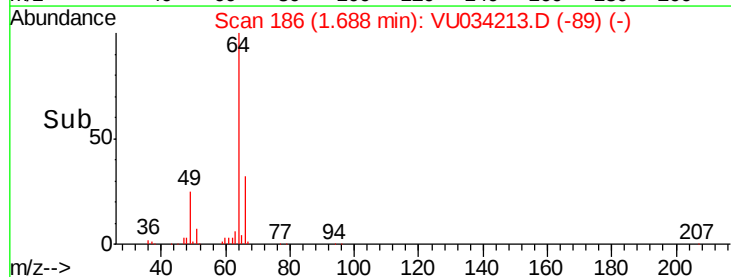
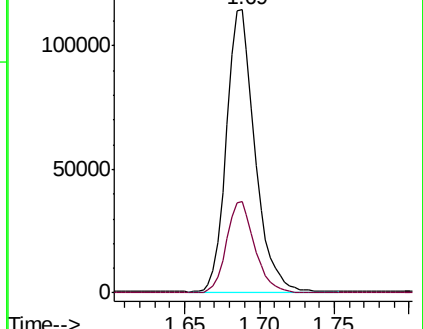
64 100

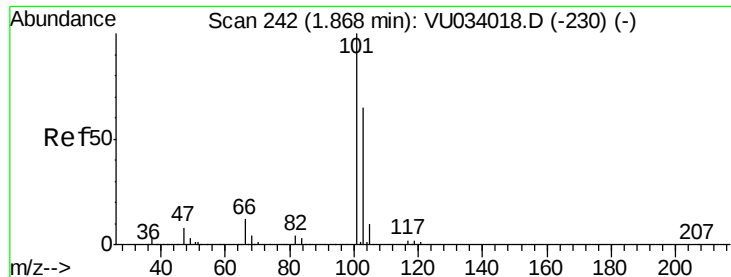
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034213.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VU034213.D (-186) (-)



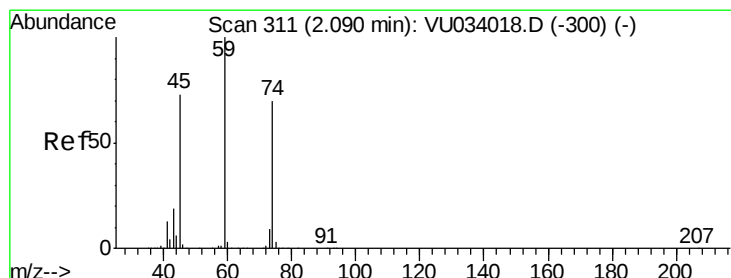
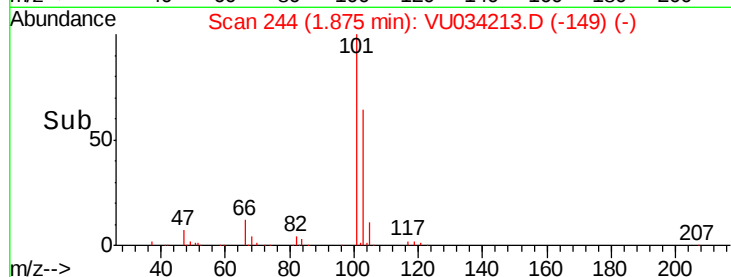
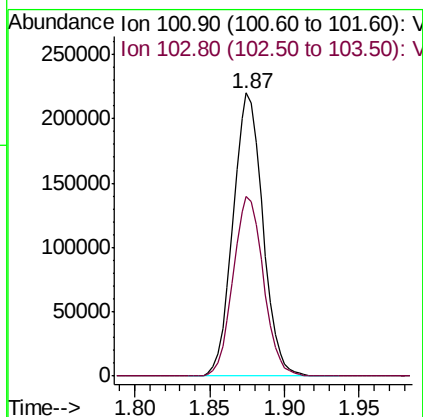
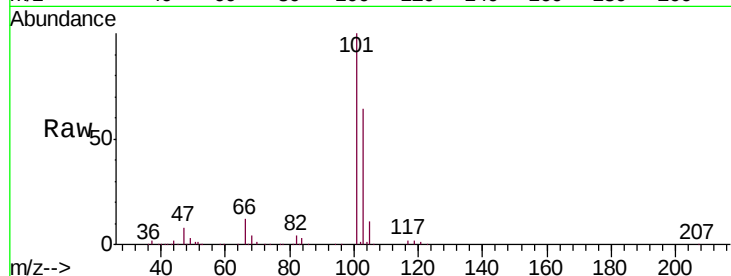


#7

Trichlorofluoromethane
 Concen: 46.186 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

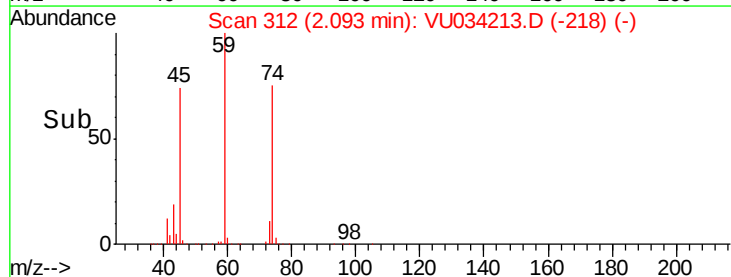
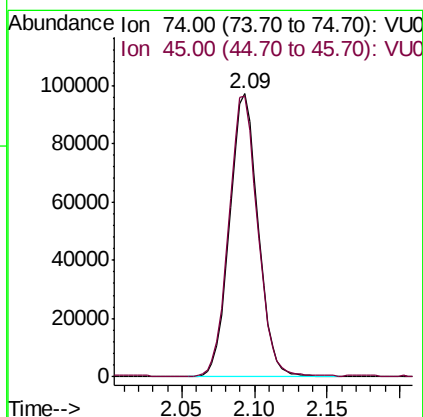
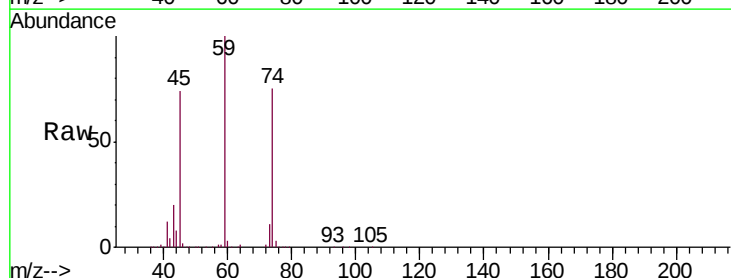
Tgt Ion:101 Resp: 305455
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.1 78.1



#8

Diethyl Ether
 Concen: 46.751 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion: 74 Resp: 132269
 Ion Ratio Lower Upper
 74 100
 45 100.2 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.874 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

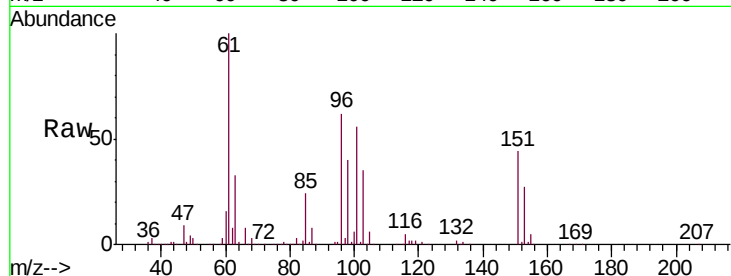
Tgt Ion:101 Resp: 200582

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

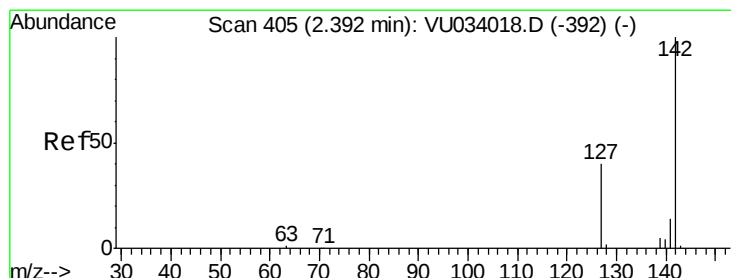
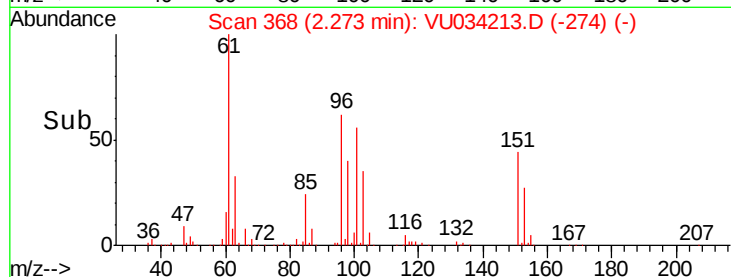
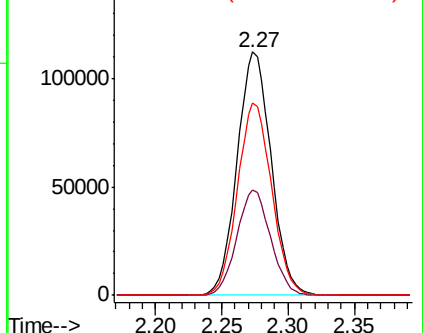
151 79.4 61.4 92.2



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: 32.568 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

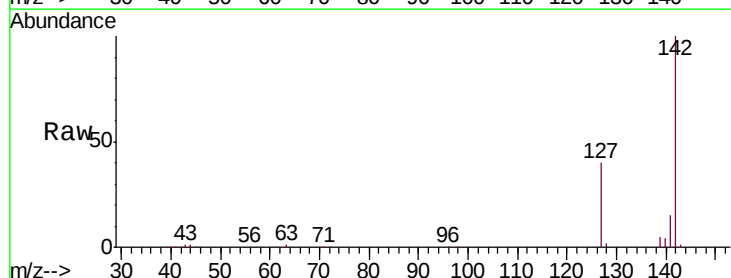
Tgt Ion:142 Resp: 193562

Ion Ratio Lower Upper

142 100

127 40.7 32.6 48.8

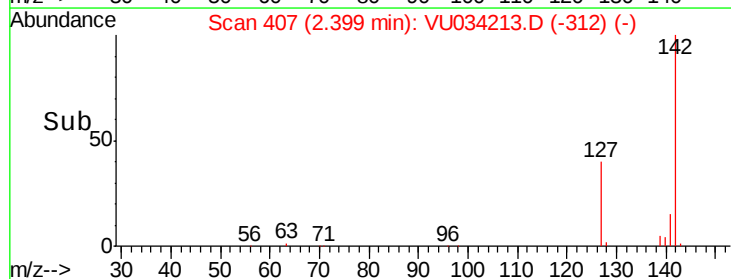
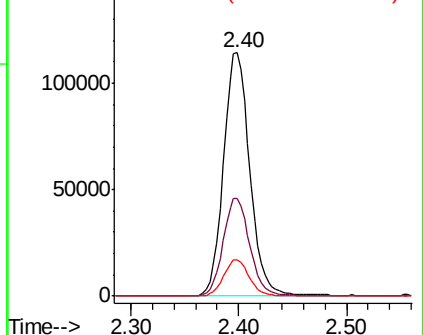
141 14.7 11.3 16.9

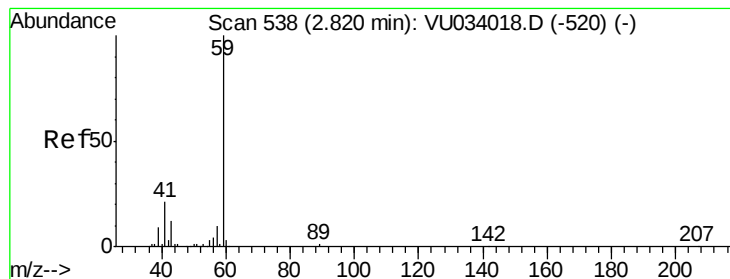


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



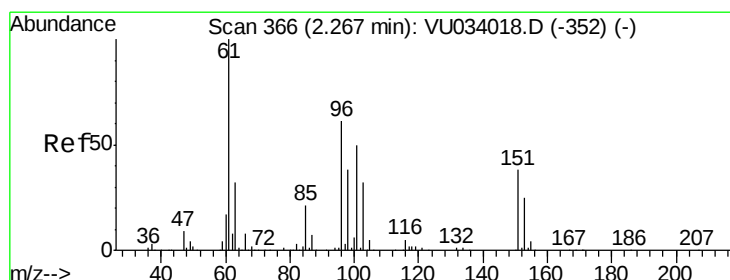
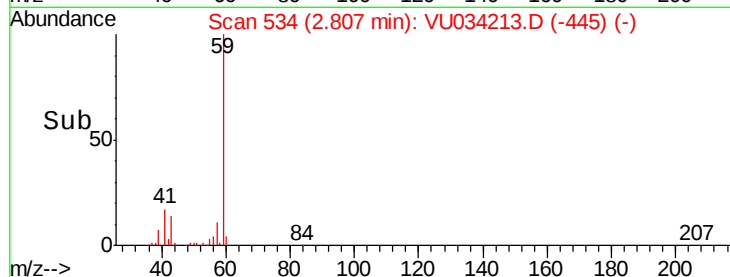
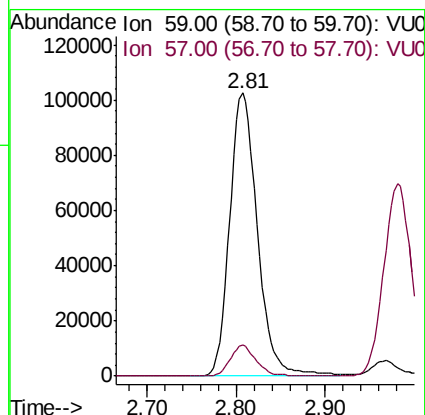
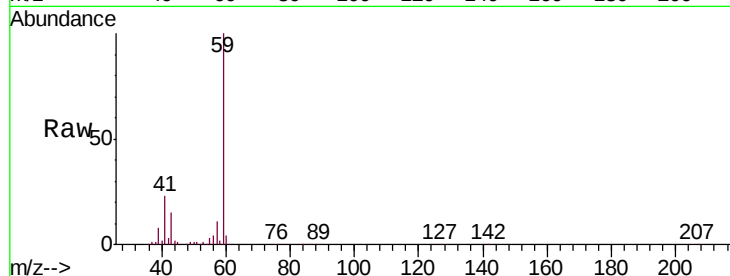


#11

Tert butyl alcohol
 Concen: 175.525 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

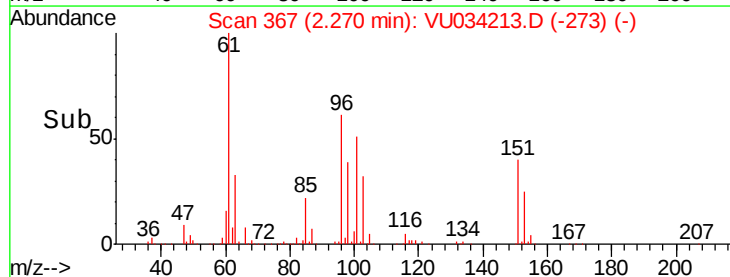
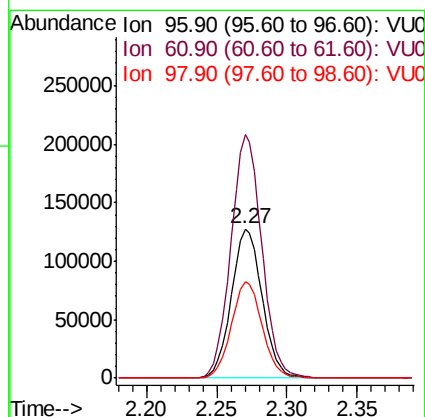
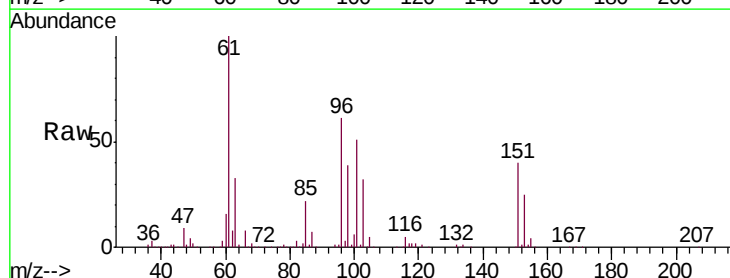
Tgt Ion: 59 Resp: 221159
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.0 12.0

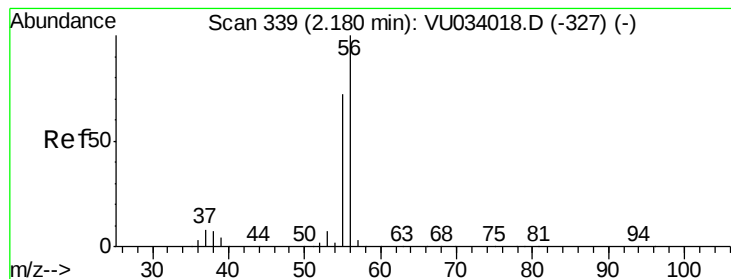


#12

1,1-Dichloroethene
 Concen: 45.699 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion: 96 Resp: 195080
 Ion Ratio Lower Upper
 96 100
 61 163.0 131.3 196.9
 98 64.3 50.3 75.5





#13

Acrolein

Concen: 141.849 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

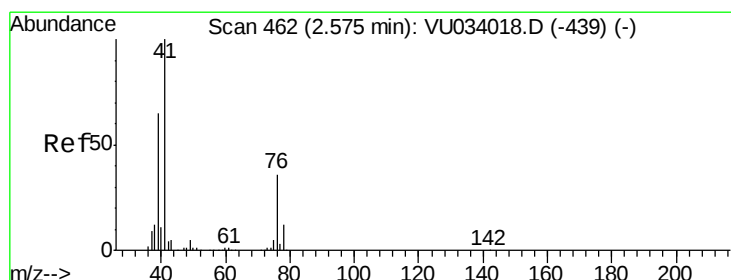
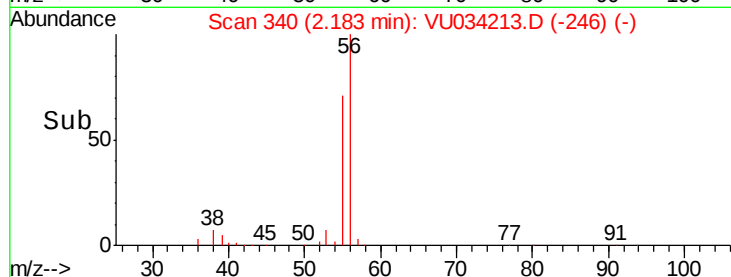
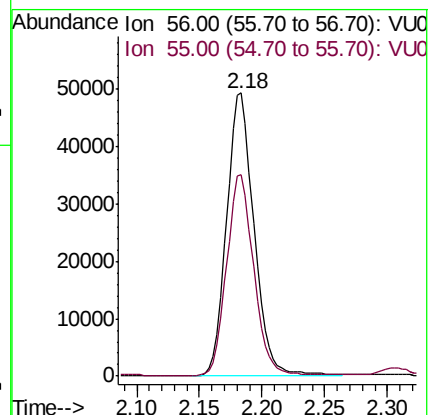
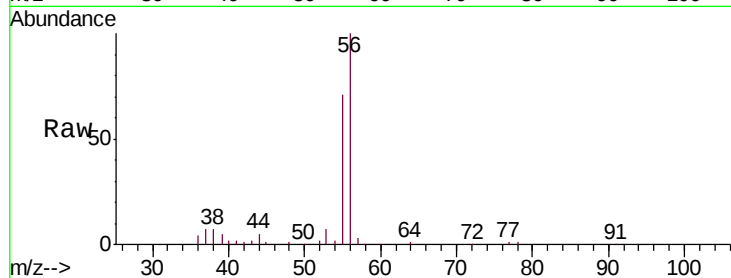
VSTDCCC050

Tgt Ion: 56 Resp: 75186

Ion Ratio Lower Upper

56 100

55 71.0 57.1 85.7



#14

Allyl chloride

Concen: 40.104 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

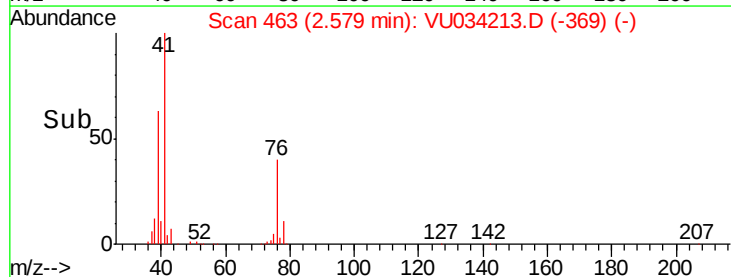
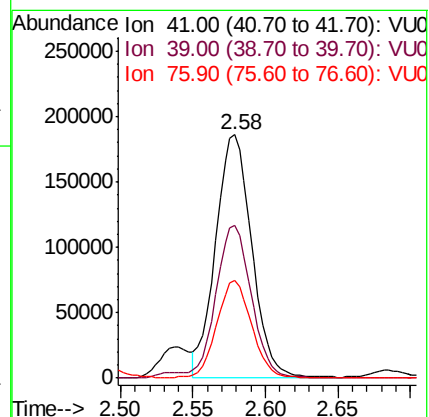
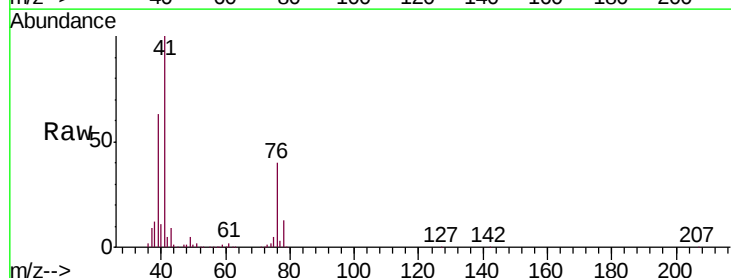
Tgt Ion: 41 Resp: 321880

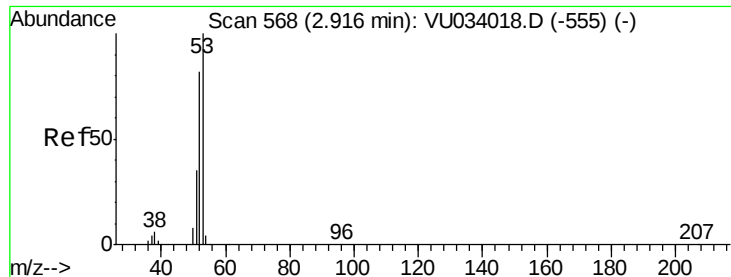
Ion Ratio Lower Upper

41 100

39 63.3 46.8 70.2

76 38.3 26.6 40.0





#15

Acrylonitrile

Concen: 209.981 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

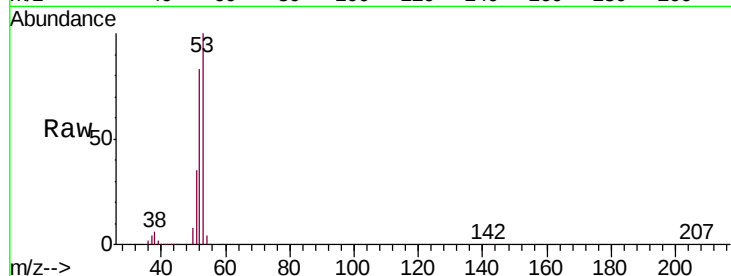
Tgt Ion: 53 Resp: 607112

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

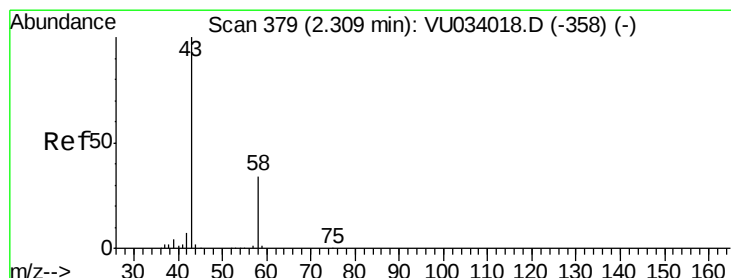
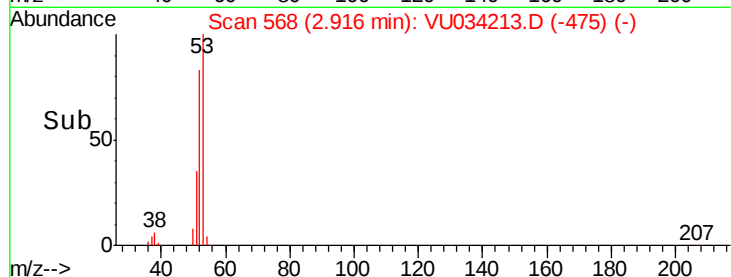
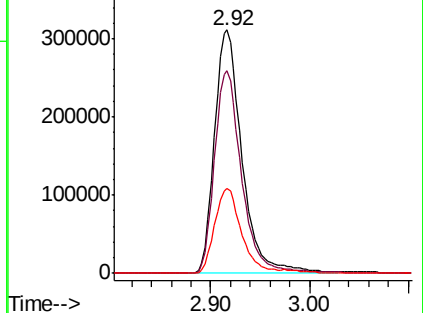
51 35.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034213.D (-286) (-)

Ion 52.00 (51.70 to 52.70): VU034213.D (-286) (-)

Ion 51.00 (50.70 to 51.70): VU034213.D (-286) (-)



#16

Acetone

Concen: 235.150 ug/l

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034213.D

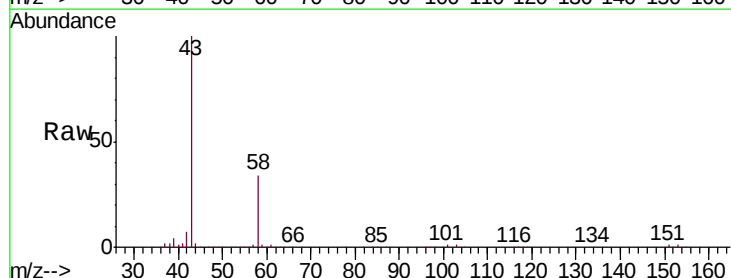
Acq: 03 Sep 2019 09:27

Tgt Ion: 43 Resp: 655570

Ion Ratio Lower Upper

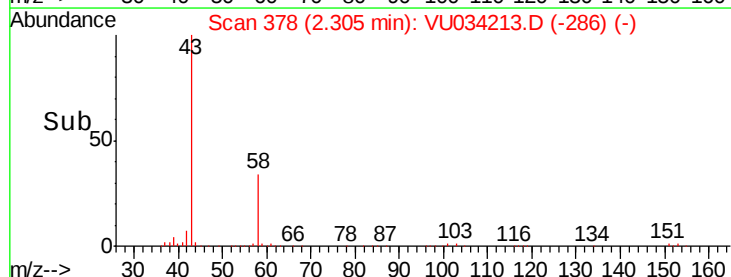
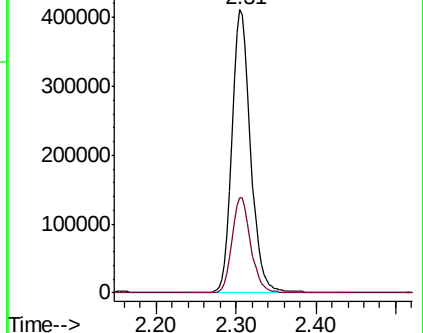
43 100

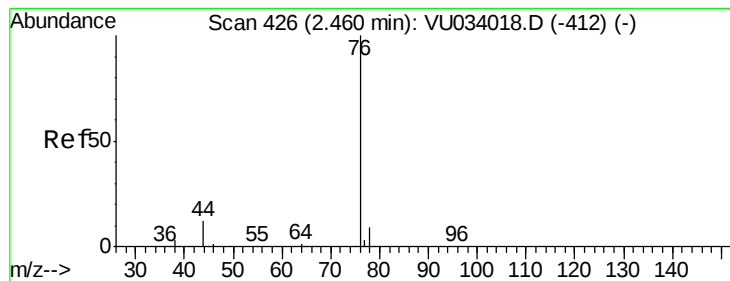
58 33.6 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034213.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034213.D (-286) (-)





#17

Carbon Disulfide

Concen: 40.054 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

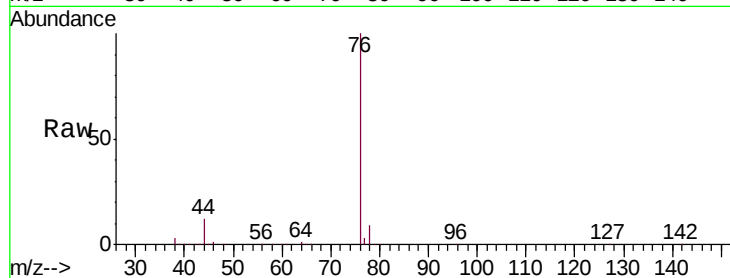
VSTDCCC050

Tgt Ion: 76 Resp: 541148

Ion Ratio Lower Upper

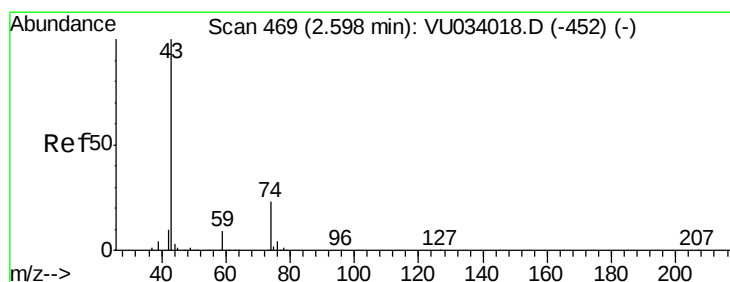
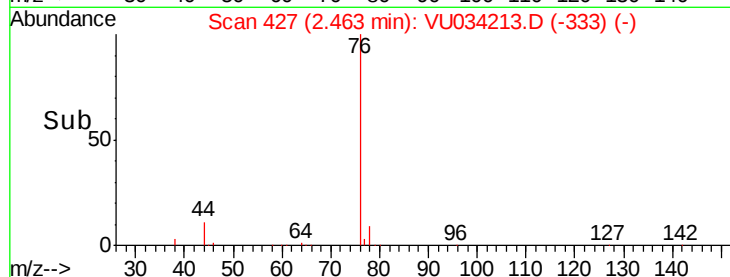
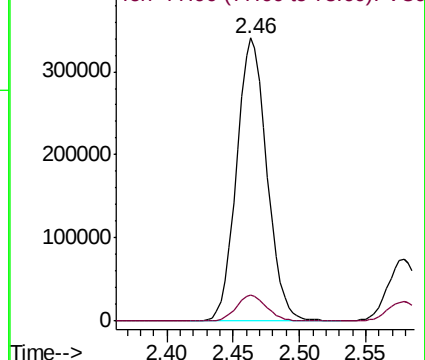
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU034213.D (-333) (-)

Ion 77.90 (77.60 to 78.60): VU034213.D (-333) (-)



#18

Methyl Acetate

Concen: 40.358 ug/l

RT: 2.60 min Scan# 470

Delta R.T. 0.00 min

Lab File: VU034213.D

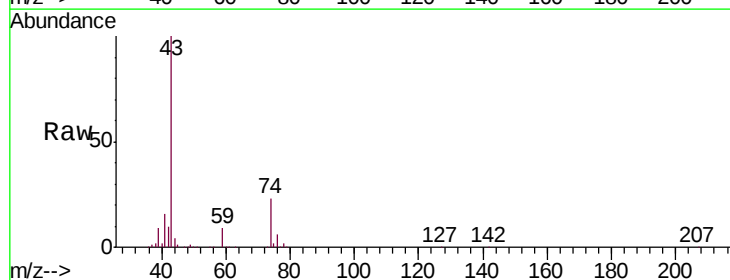
Acq: 03 Sep 2019 09:27

Tgt Ion: 43 Resp: 290756

Ion Ratio Lower Upper

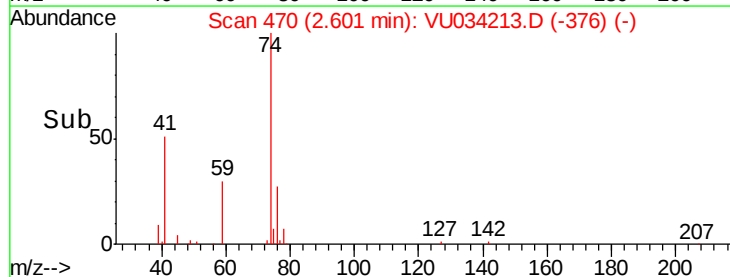
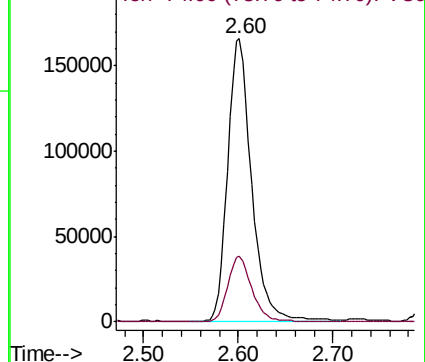
43 100

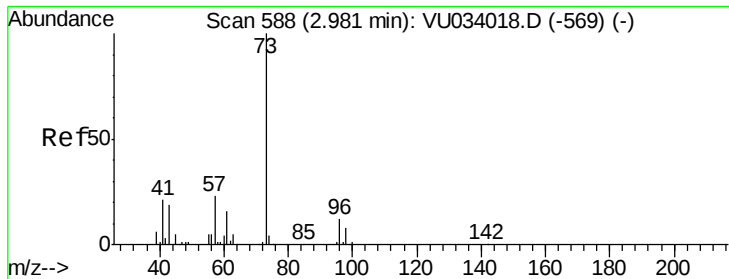
74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU034213.D (-376) (-)

Ion 74.00 (73.70 to 74.70): VU034213.D (-376) (-)

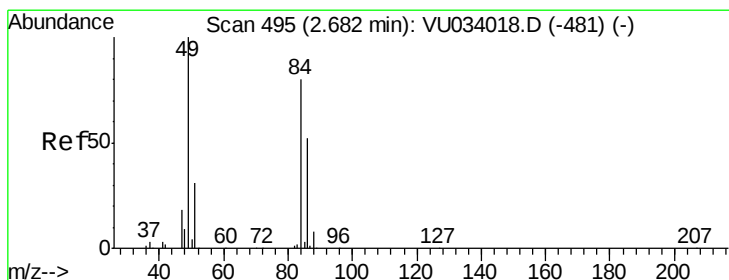
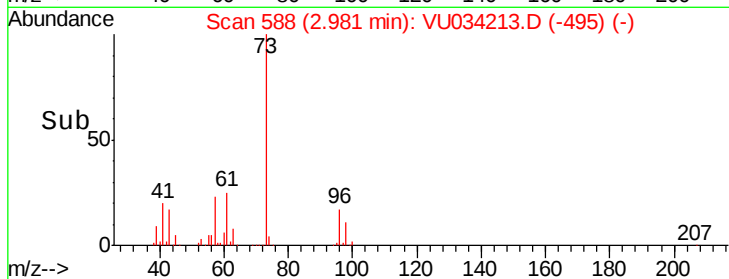
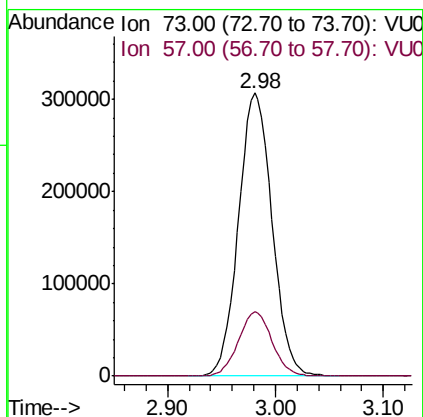
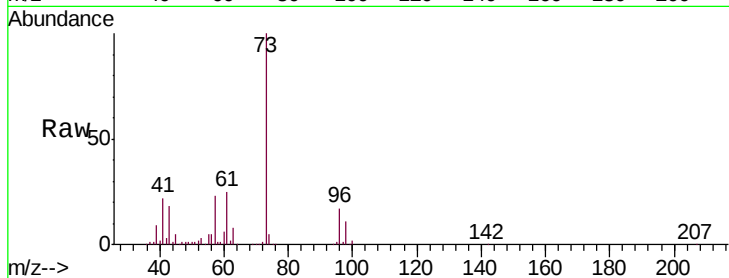




#19
Methyl tert-butyl Ether
Concen: 47.530 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

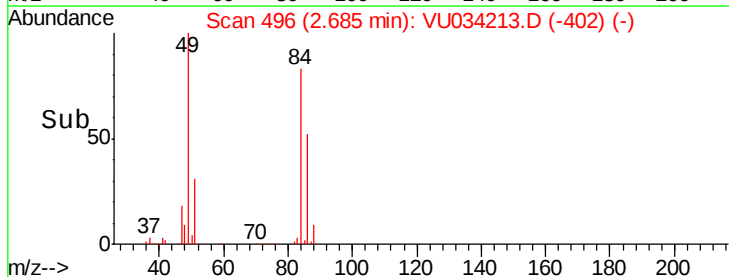
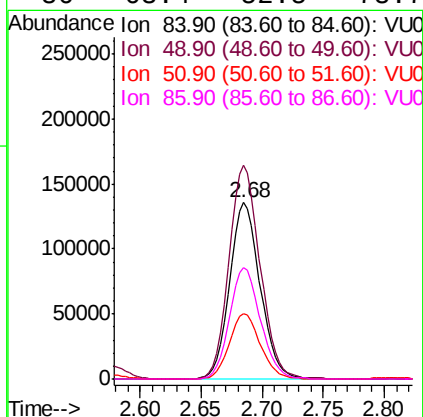
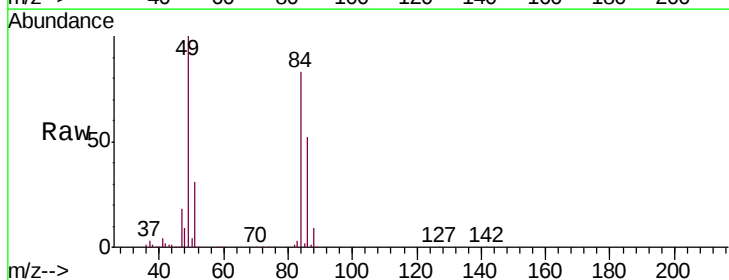
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

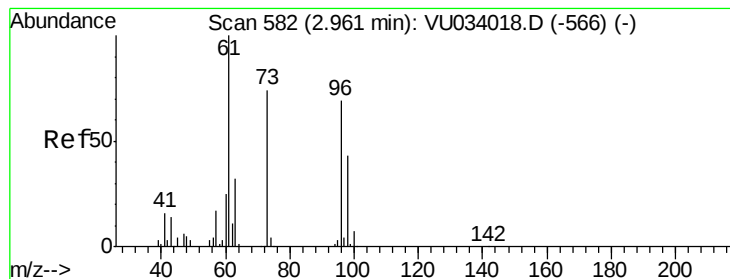
Tgt Ion: 73 Resp: 664796
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 44.919 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 84 Resp: 237070
Ion Ratio Lower Upper
84 100
49 121.1 100.2 150.4
51 37.0 30.8 46.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.628 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

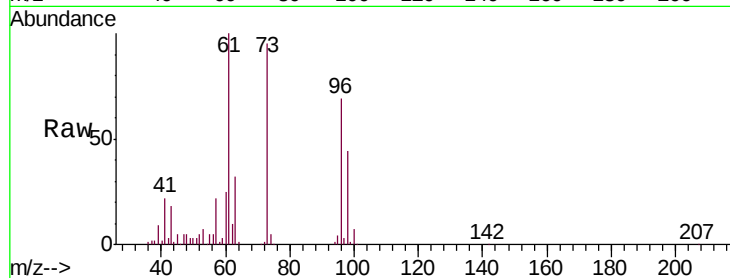
Tgt Ion: 96 Resp: 211390

Ion Ratio Lower Upper

96 100

61 145.5 115.5 173.3

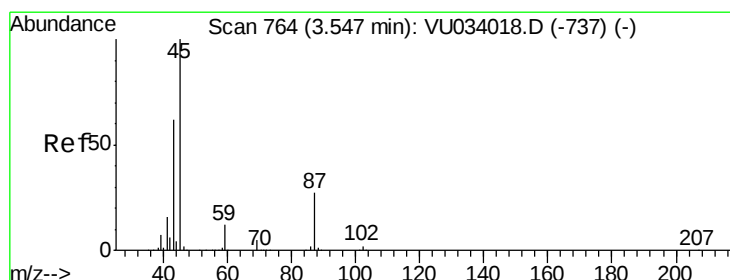
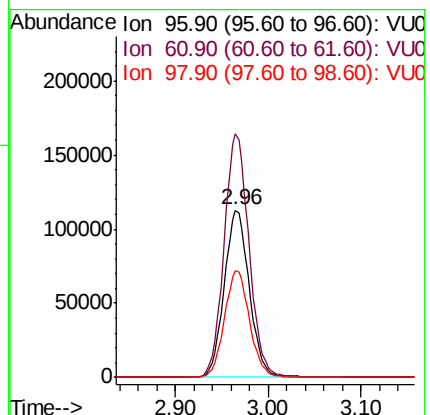
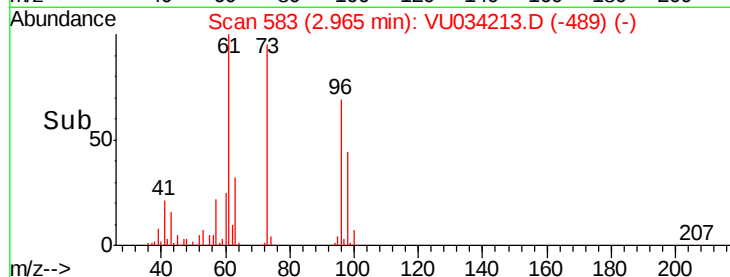
98 63.6 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034213.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU034213.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU034213.D (-489) (-)



#22

Diisopropyl ether

Concen: 48.736 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Tgt Ion: 45 Resp: 716774

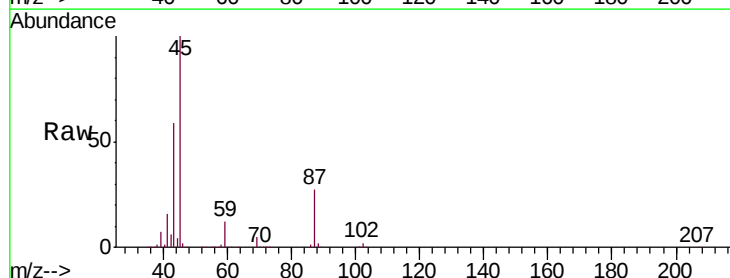
Ion Ratio Lower Upper

45 100

43 59.0 49.7 74.5

87 27.2 21.8 32.8

59 11.9 9.3 13.9

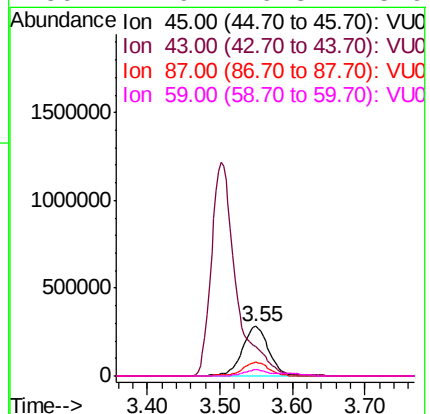
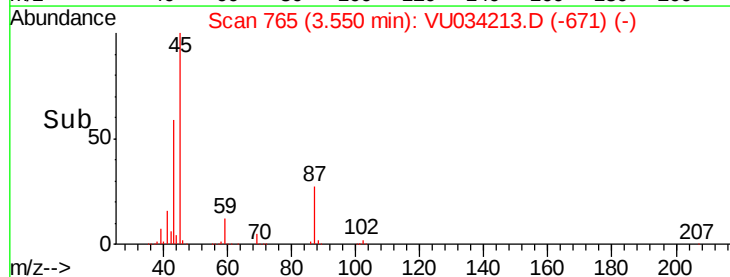


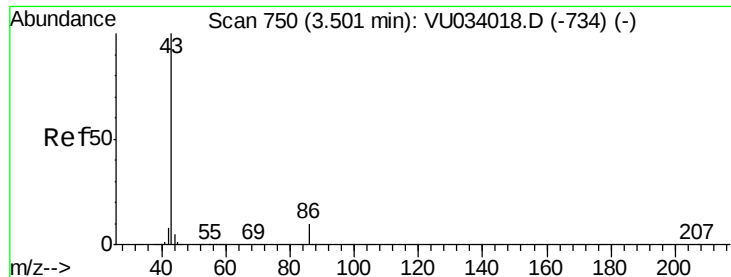
Abundance Ion 45.00 (44.70 to 45.70): VU034213.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VU034213.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VU034213.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VU034213.D (-671) (-)





#23

Vinyl Acetate

Concen: 228.760 ug/l

RT: 3.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

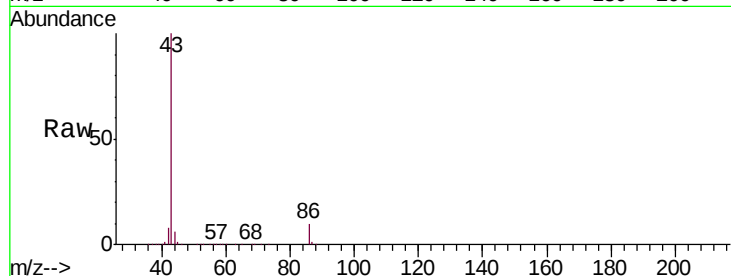
VSTDCCC050

Tgt Ion: 43 Resp: 2890147

Ion Ratio Lower Upper

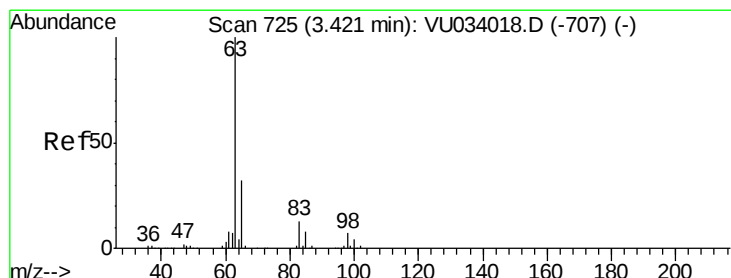
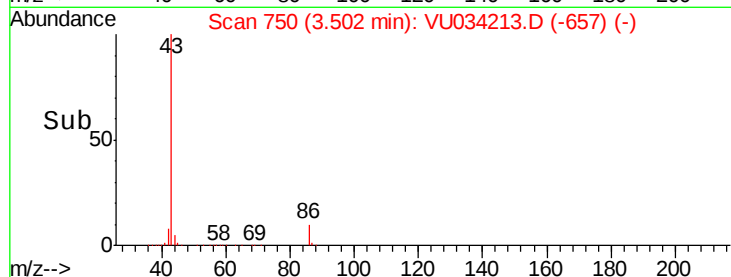
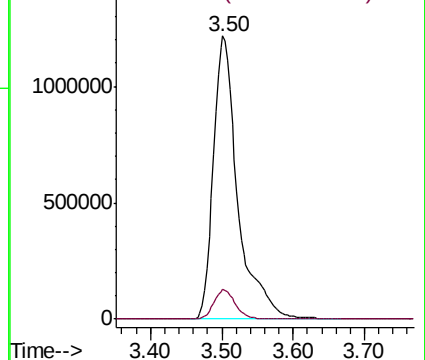
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-734) (-)

Ion 86.00 (85.70 to 86.70): VU034018.D (-734) (-)



#24

1,1-Dichloroethane

Concen: 46.914 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

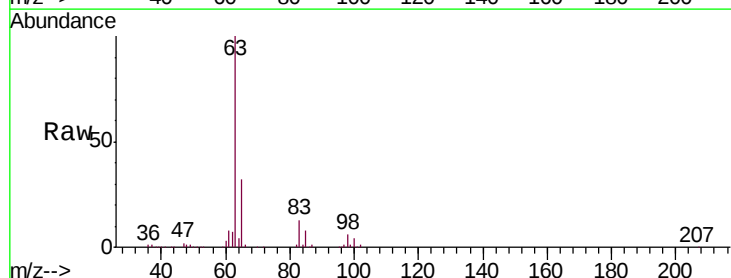
Tgt Ion: 63 Resp: 407357

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

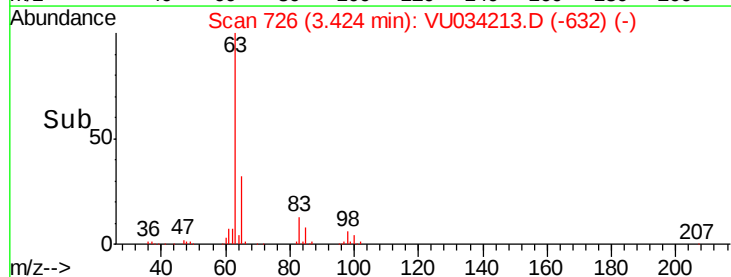
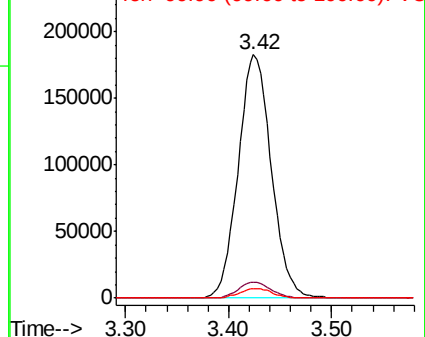
100 4.0 2.0 6.0

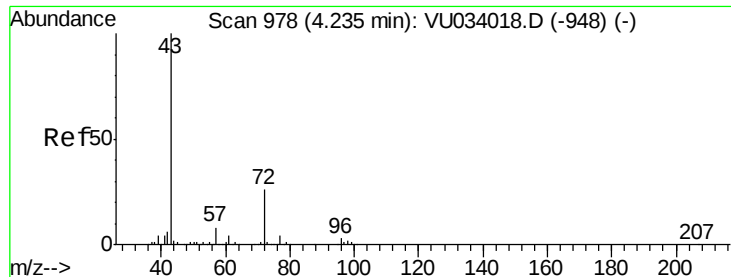


Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-707) (-)

Ion 99.90 (99.60 to 100.60): VU034018.D (-707) (-)





#25

2-Butanone

Concen: 221.037 ug/l

RT: 4.23 min Scan# 978

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

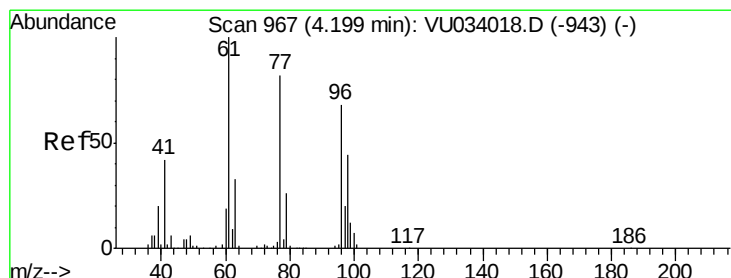
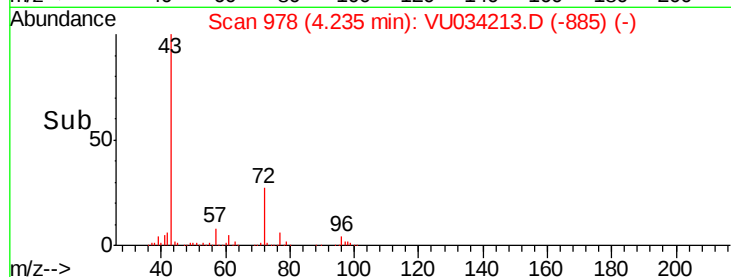
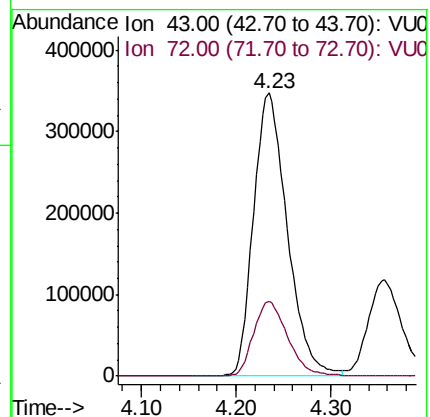
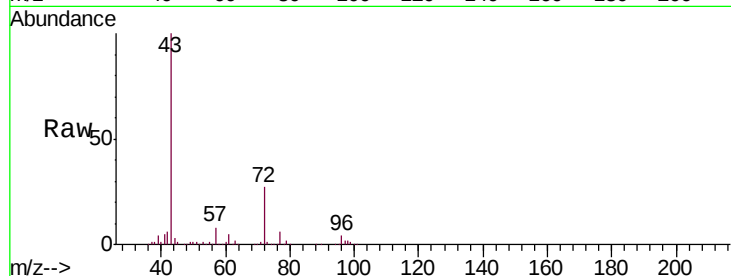
VSTDCCC050

Tgt Ion: 43 Resp: 857331

Ion Ratio Lower Upper

43 100

72 26.6 21.2 31.8



#26

2,2-Dichloropropane

Concen: 46.479 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034213.D

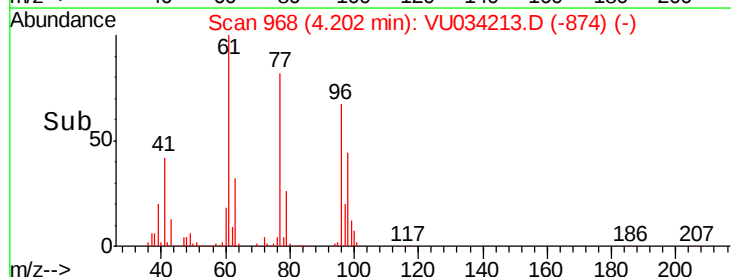
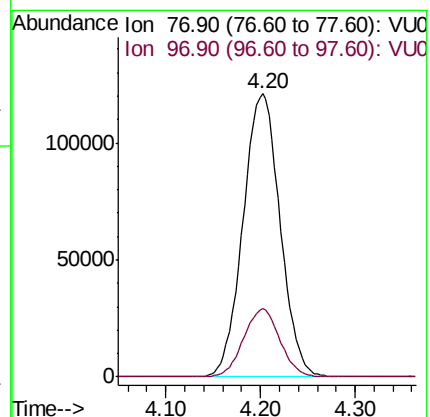
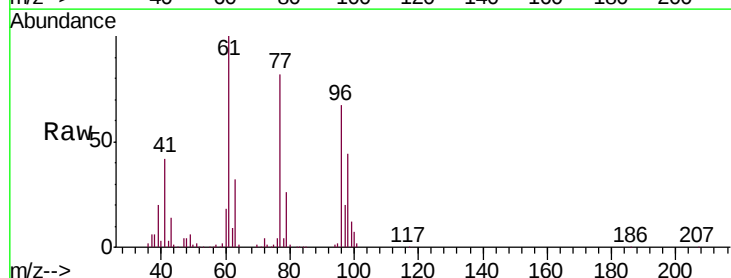
Acq: 03 Sep 2019 09:27

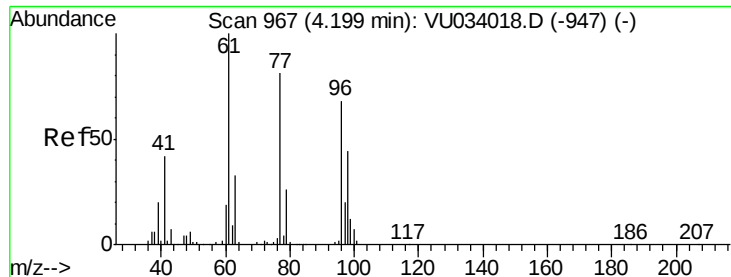
Tgt Ion: 77 Resp: 328389

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.7



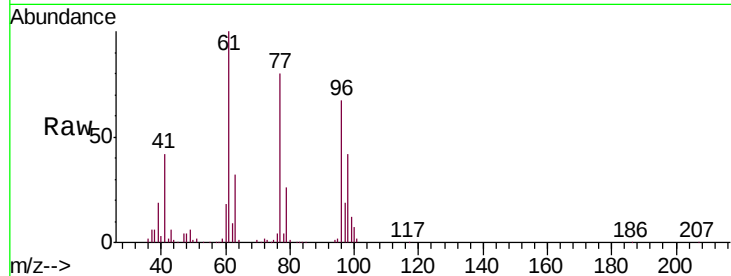


#27

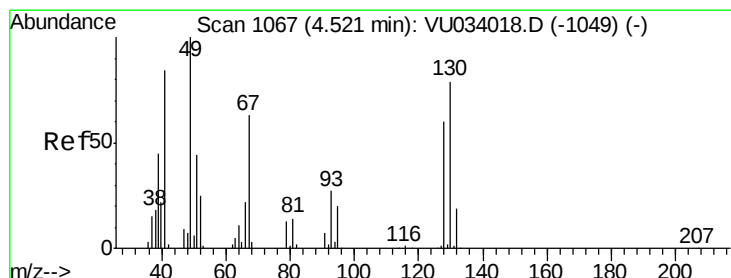
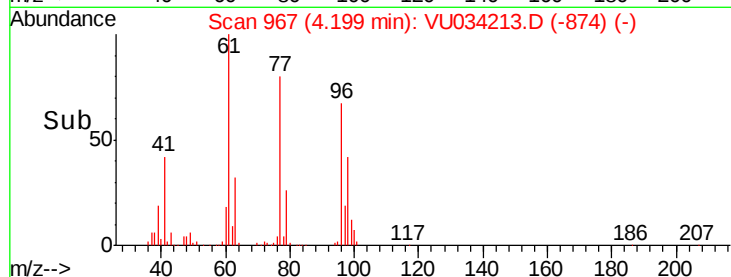
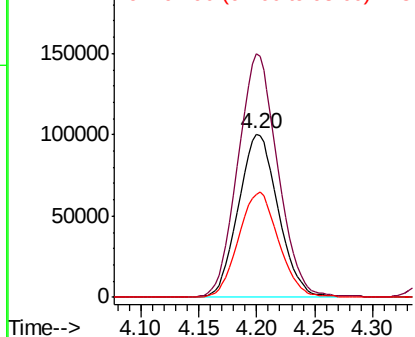
cis-1,2-Dichloroethene
Concen: 46.098 ug/l
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 239715
Ion Ratio Lower Upper
96 100
61 150.0 0.0 303.0
98 65.2 0.0 129.2



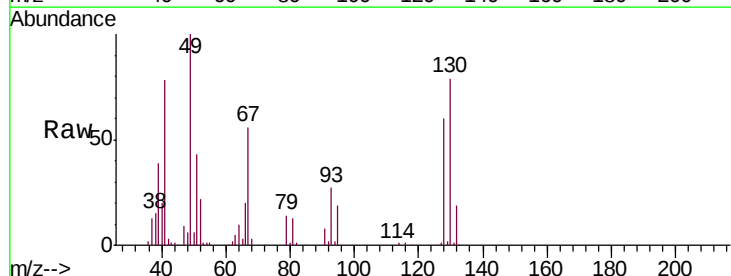
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



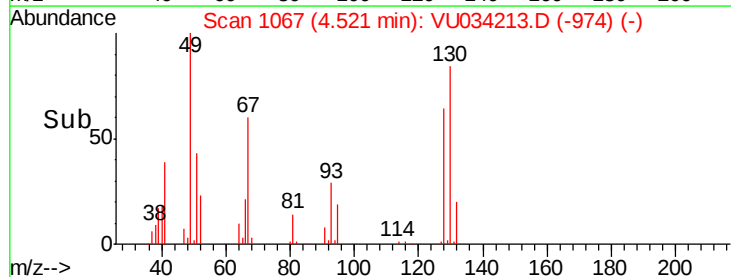
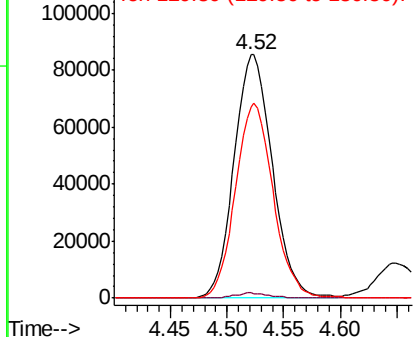
#28

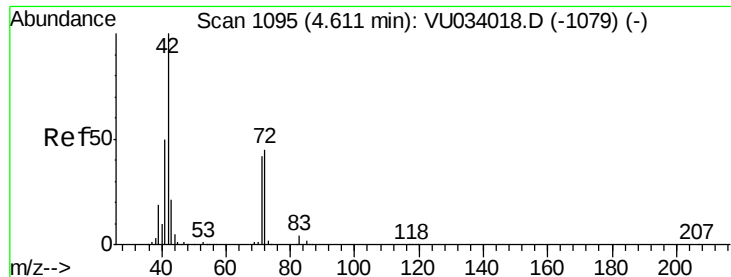
Bromochloromethane
Concen: 47.165 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 49 Resp: 201769
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 78.6 62.8 94.2



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

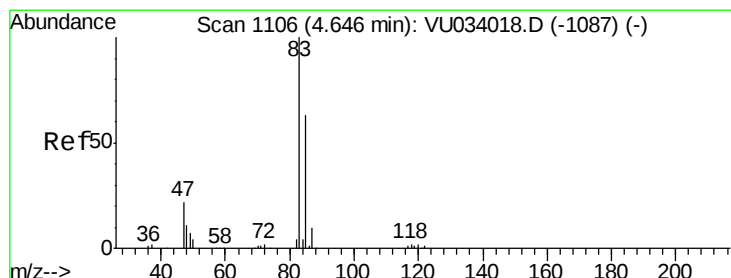
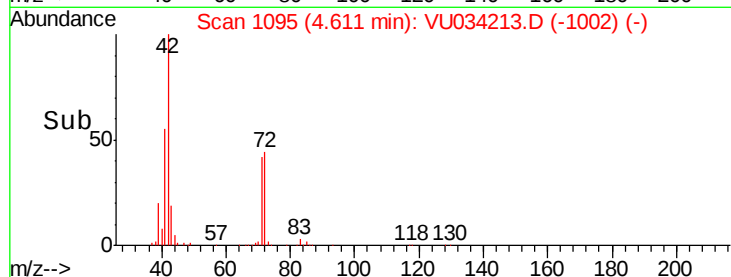
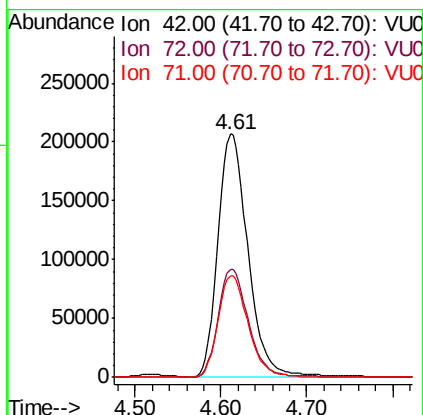
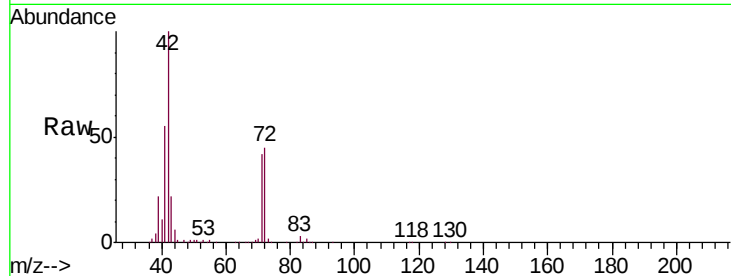




#29
Tetrahydrofuran
Concen: 208.818 ug/l
RT: 4.61 min Scan# 1095
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

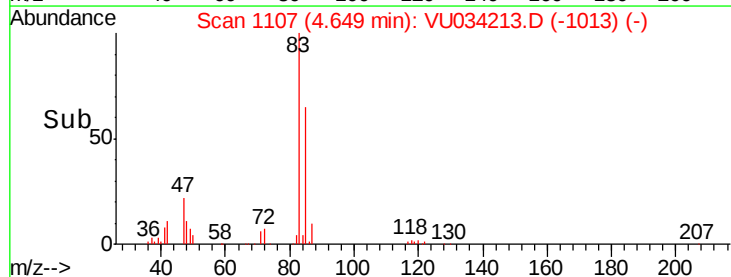
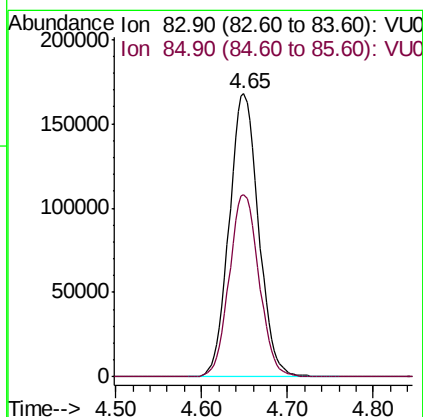
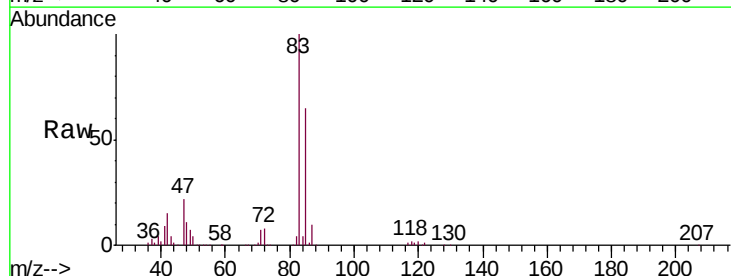
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

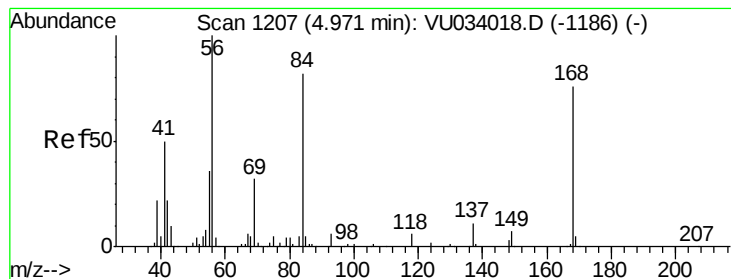
Tgt Ion: 42 Resp: 499489
Ion Ratio Lower Upper
42 100
72 44.9 35.8 53.6
71 42.0 34.0 51.0



#30
Chloroform
Concen: 45.956 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 83 Resp: 398130
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1





#31

Cyclohexane

Concen: 42.812 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

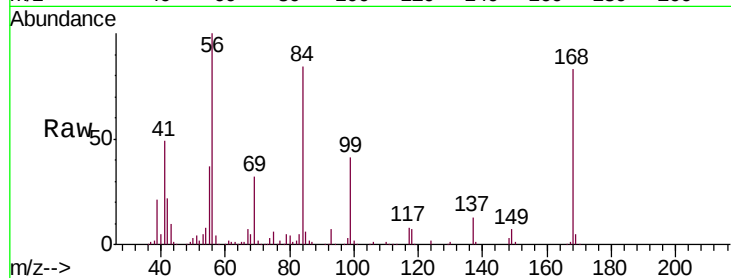
Tgt Ion: 56 Resp: 349304

Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.0

84 82.3 65.8 98.8

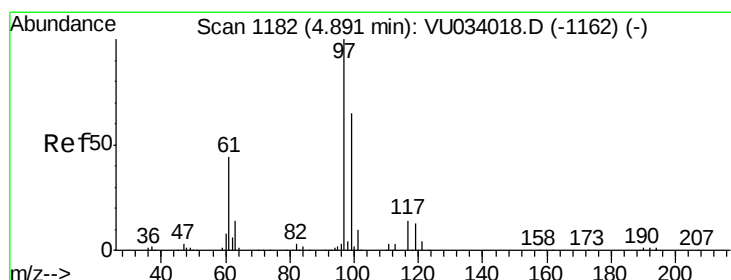
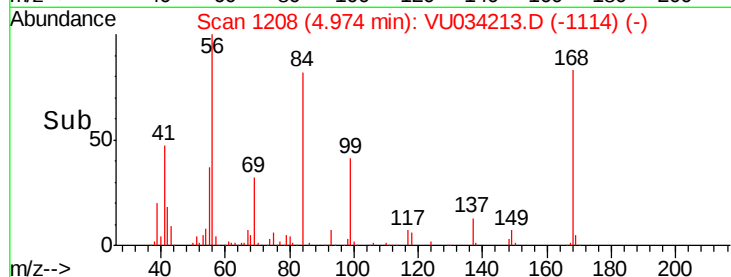
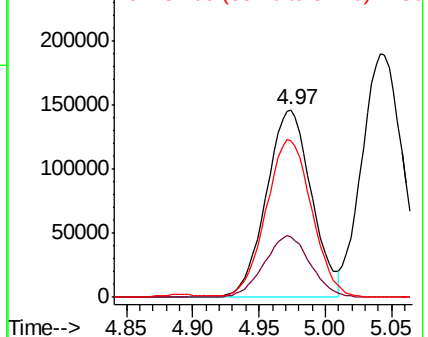


Abundance

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: 46.684 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

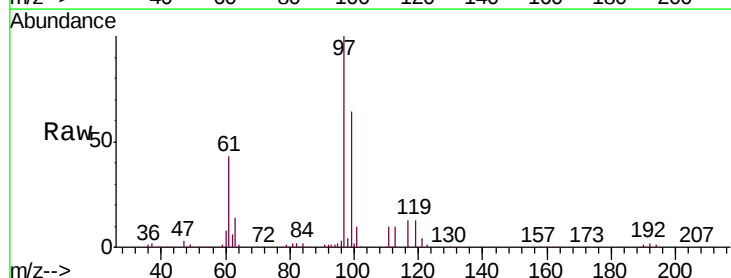
Tgt Ion: 97 Resp: 331234

Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 43.5 35.3 52.9

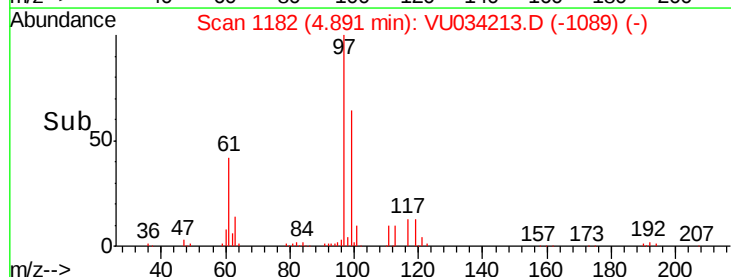
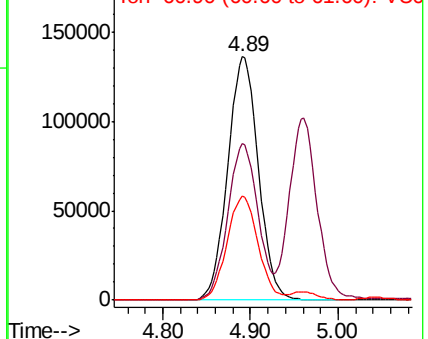


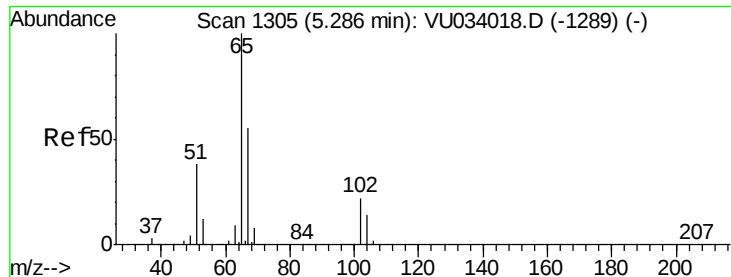
Abundance

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: 47.510 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

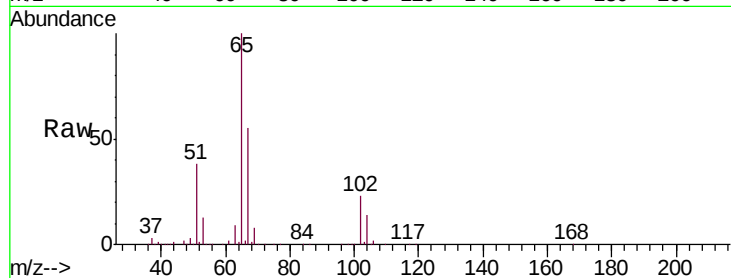
VSTDCCC050

Tgt Ion: 65 Resp: 259586

Ion Ratio Lower Upper

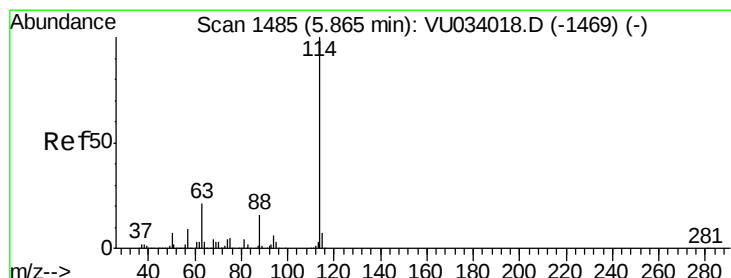
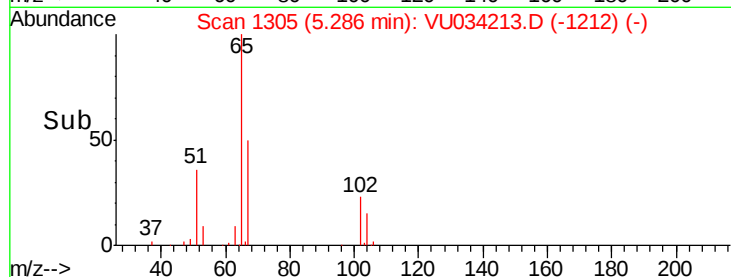
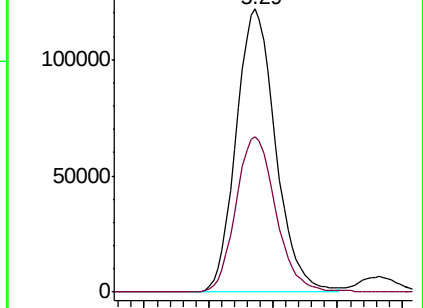
65 100

67 55.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

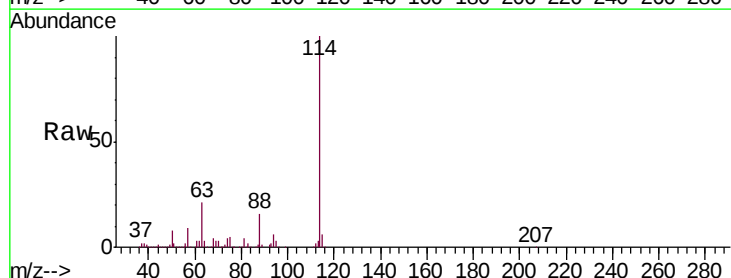
Tgt Ion: 114 Resp: 646240

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

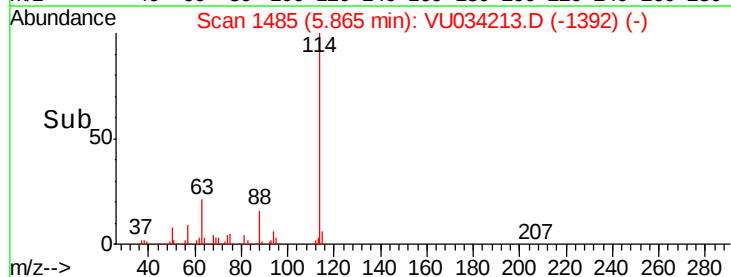
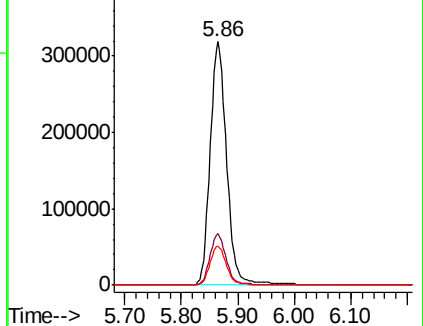
88 16.1 0.0 32.0

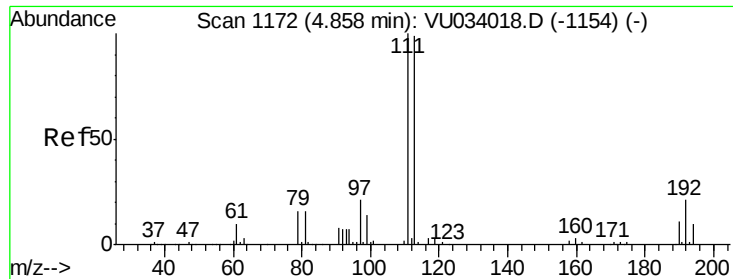


Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

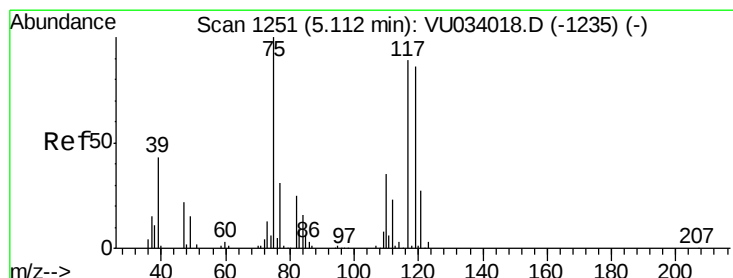
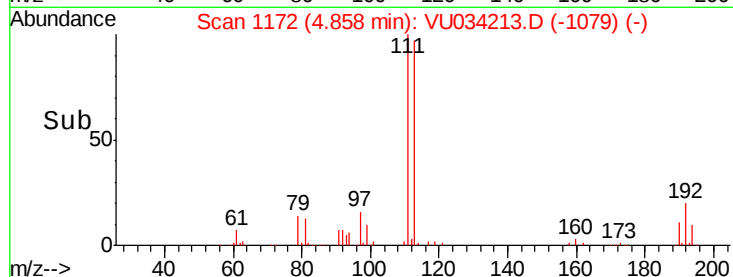
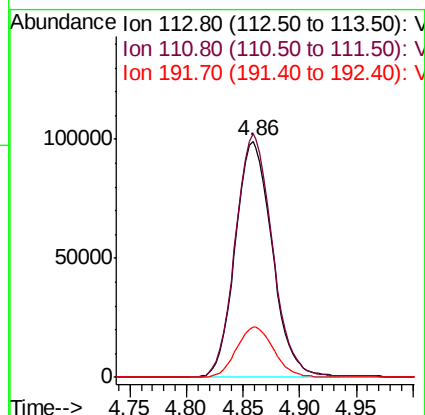
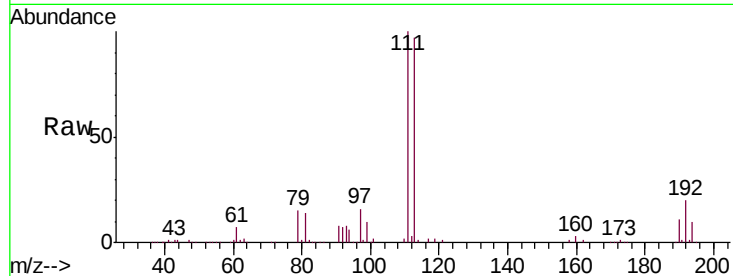




#35
 Dibromofluoromethane
 Concen: 50.454 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

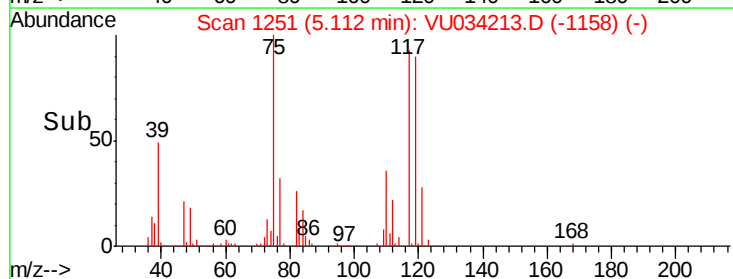
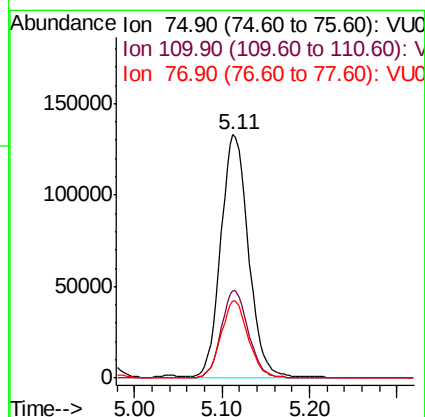
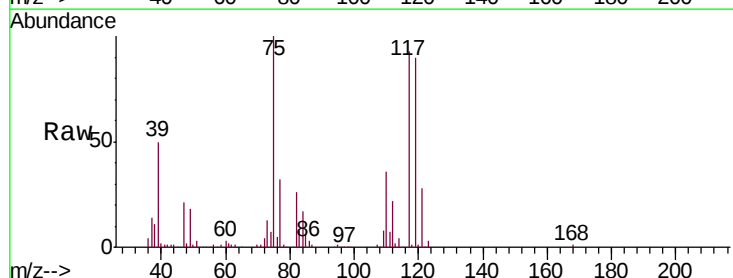
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

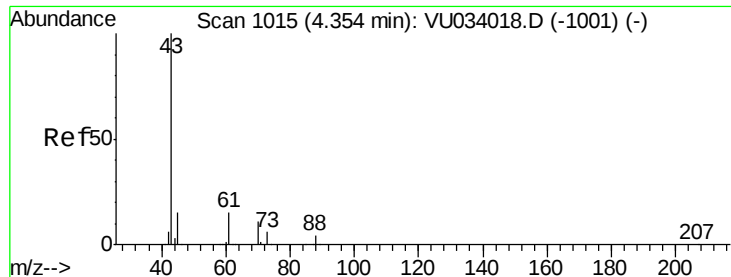
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 47.655 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	30.9	25.0	37.4

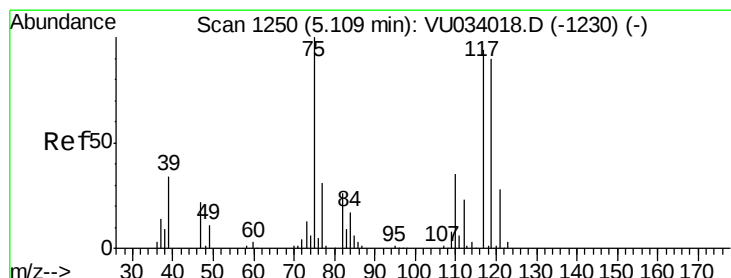
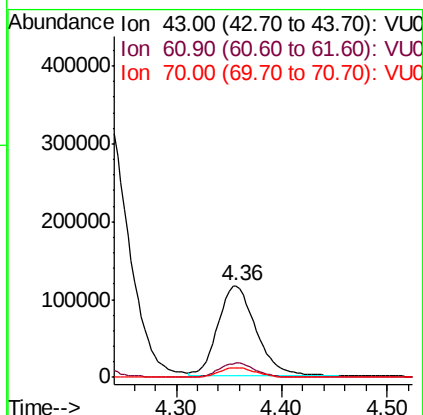
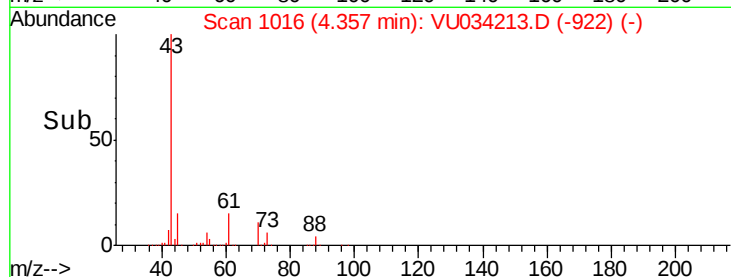
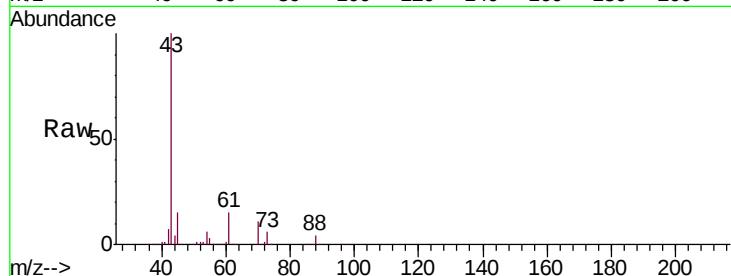




#37
Ethyl Acetate
Concen: 42.773 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

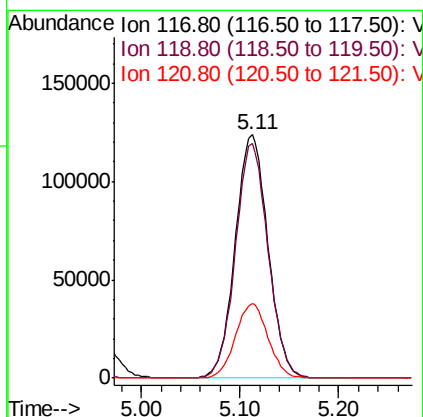
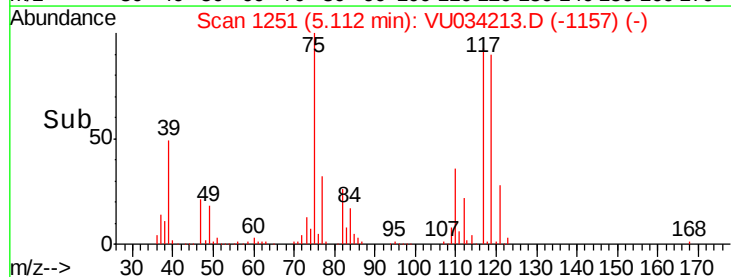
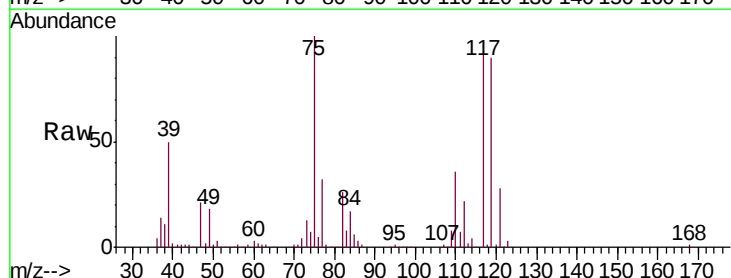
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

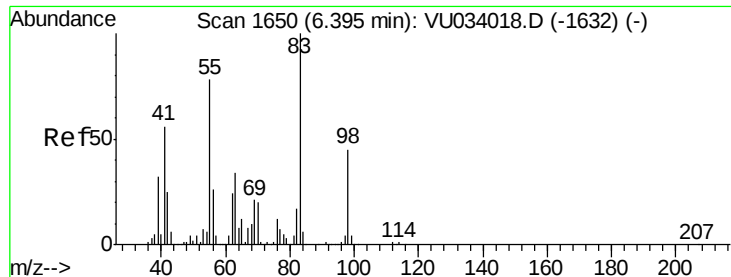
Tgt Ion: 43 Resp: 292781
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.262 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 117 Resp: 284756
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4
121 30.7 23.9 35.9

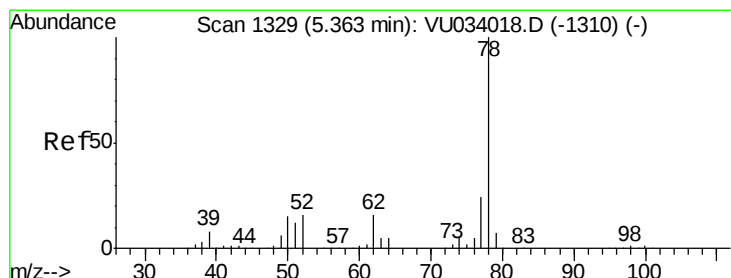
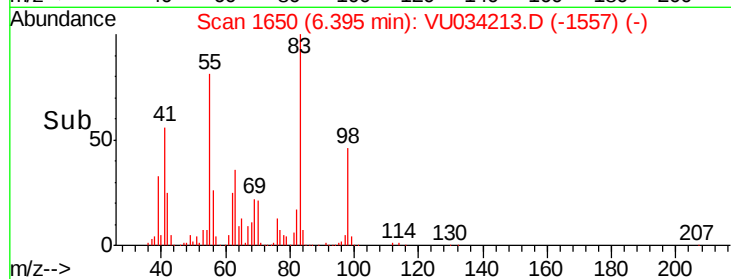
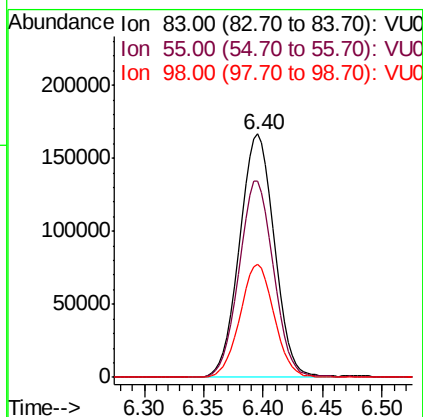
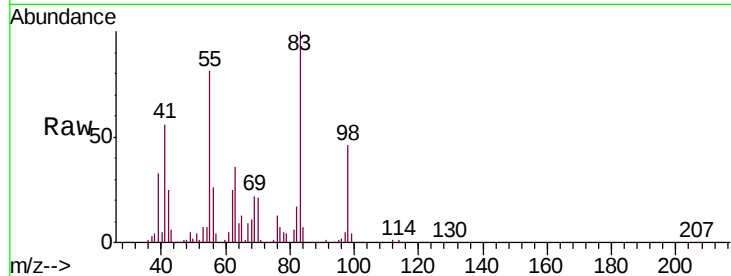




#39
Methylcyclohexane
Concen: 47.090 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

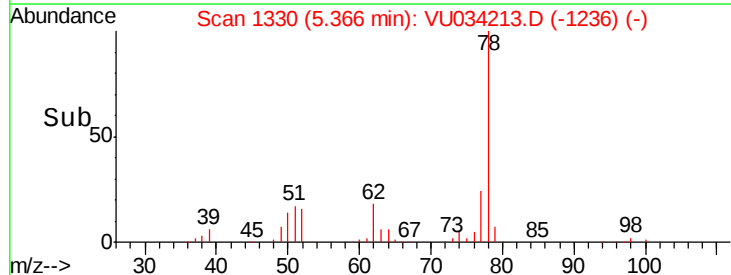
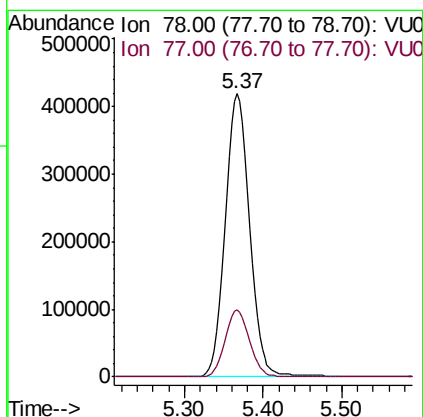
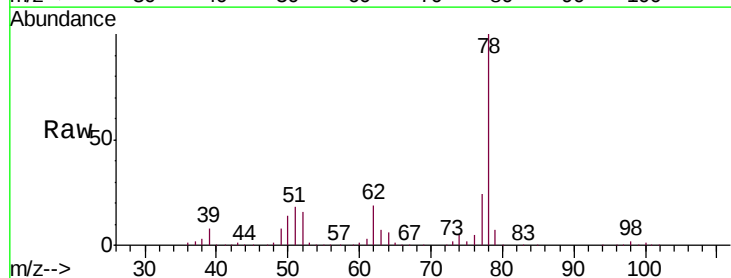
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

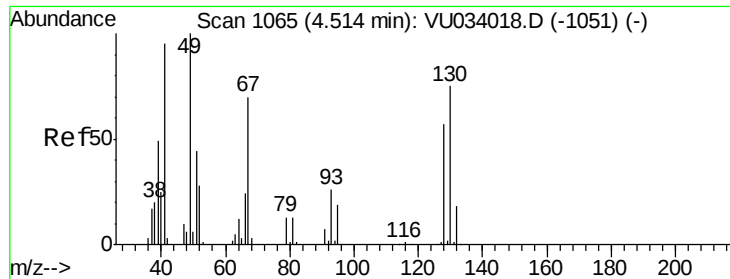
Tgt Ion: 83 Resp: 339263
Ion Ratio Lower Upper
83 100
55 80.7 62.3 93.5
98 46.5 36.2 54.2



#40
Benzene
Concen: 48.429 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 78 Resp: 895636
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

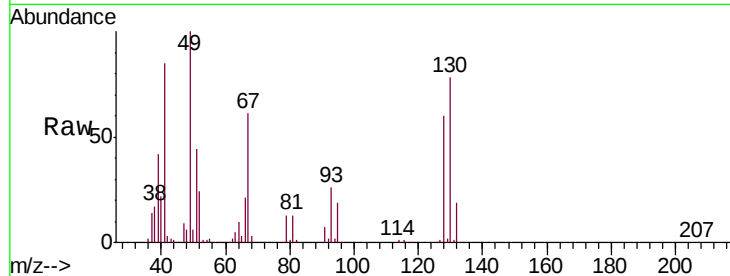




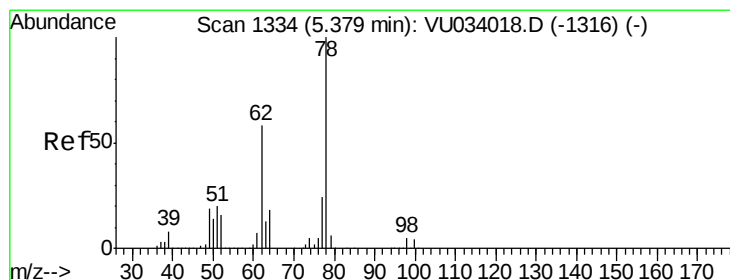
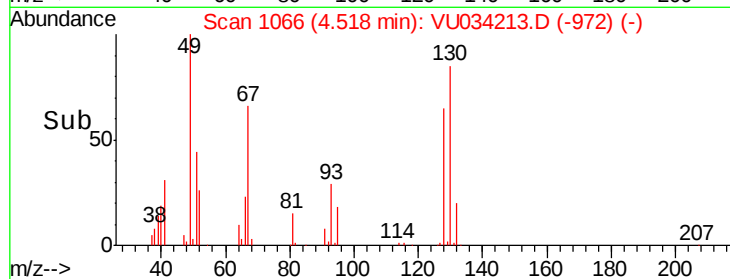
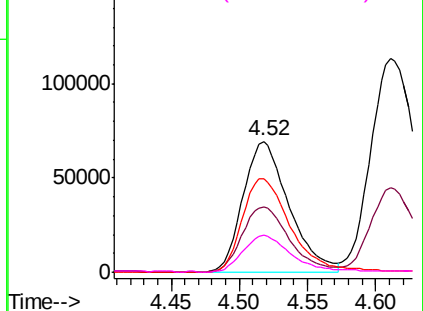
#41
Methacrylonitrile
Concen: 46.036 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 161608
Ion Ratio Lower Upper
41 100
39 51.1 42.1 63.1
67 75.9 61.0 91.4
52 29.1 23.3 34.9

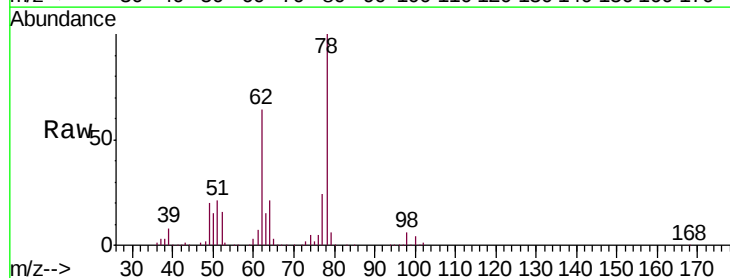


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

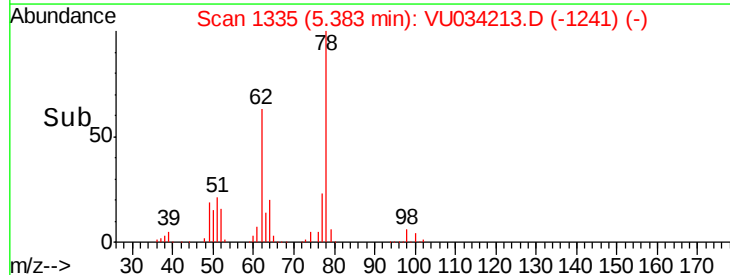
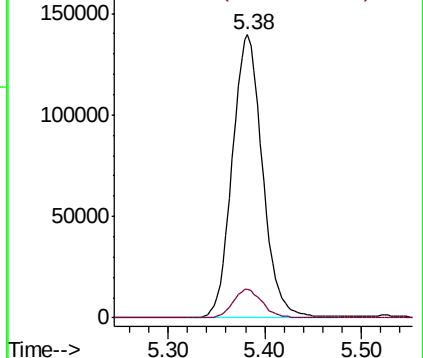


#42
1,2-Dichloroethane
Concen: 47.427 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 62 Resp: 302881
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.2



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

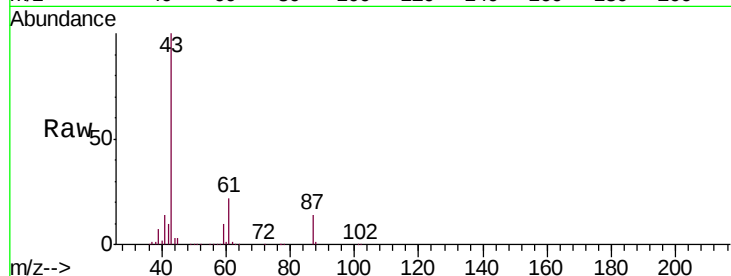




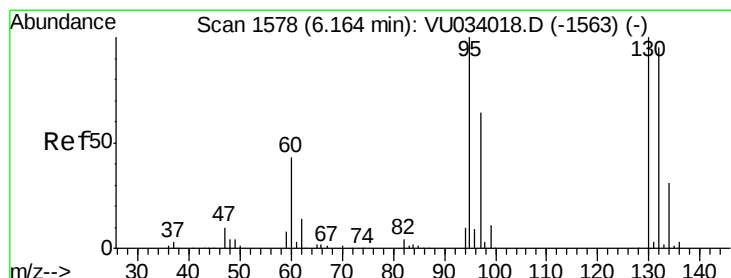
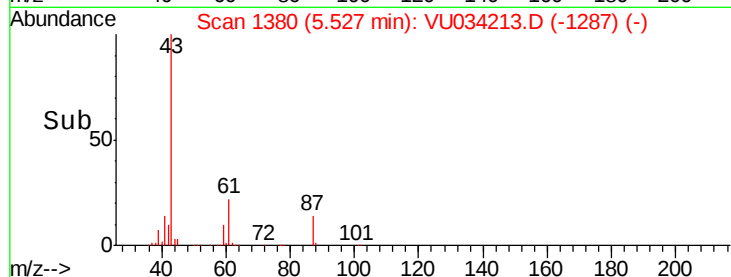
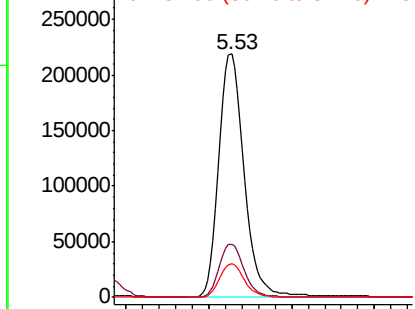
#43
Isopropyl Acetate
Concen: 44.377 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 462123
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 13.7 10.8 16.2

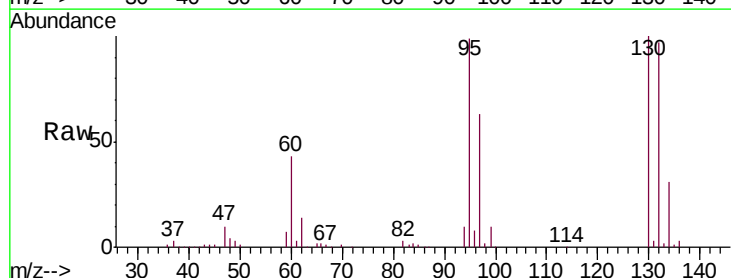


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

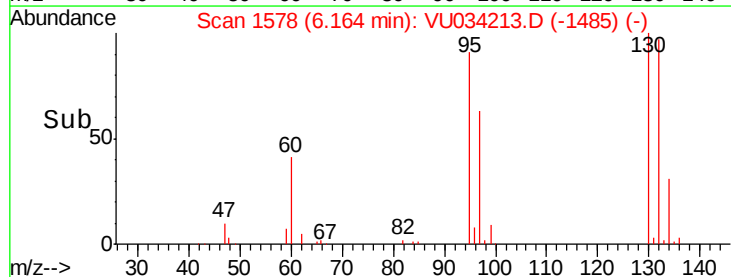
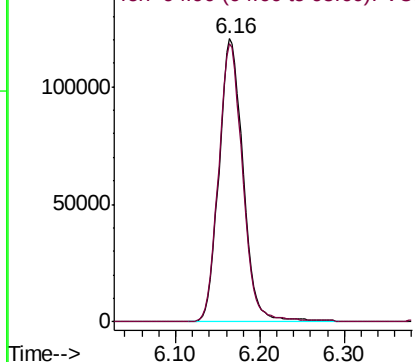


#44
Trichloroethene
Concen: 49.274 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 130 Resp: 239298
Ion Ratio Lower Upper
130 100
95 98.5 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: 49.410 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

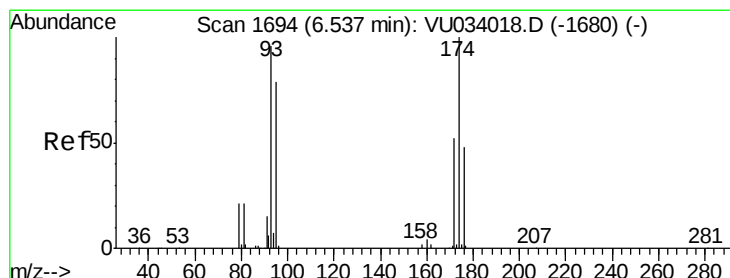
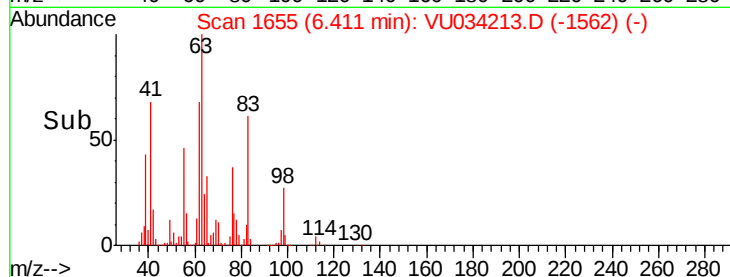
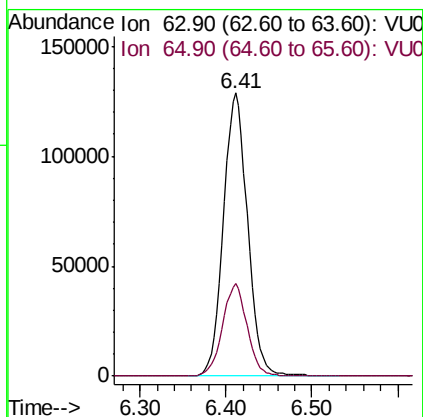
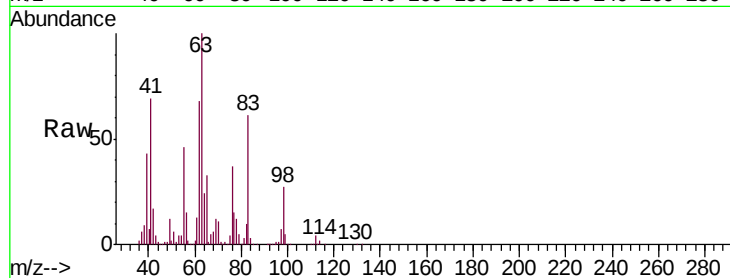
VSTDCCC050

Tgt Ion: 63 Resp: 251544

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 47.751 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

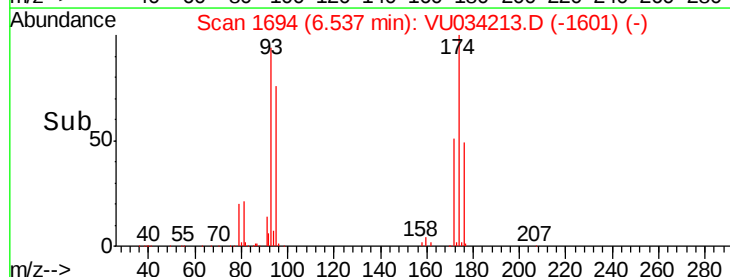
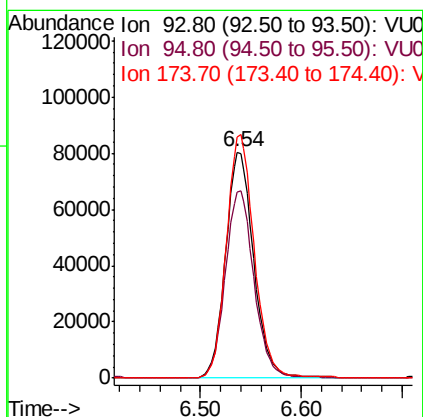
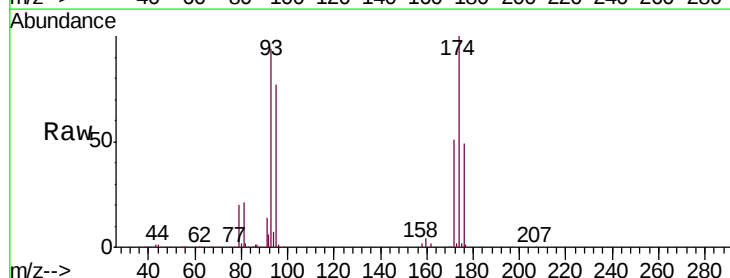
Tgt Ion: 93 Resp: 156617

Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 107.1 84.9 127.3





#47

Bromodichloromethane

Concen: 49.938 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

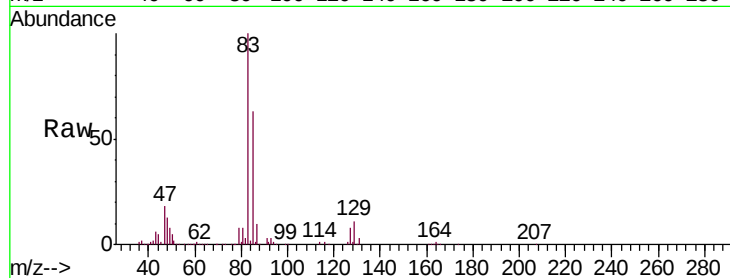
Tgt Ion: 83 Resp: 320454

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

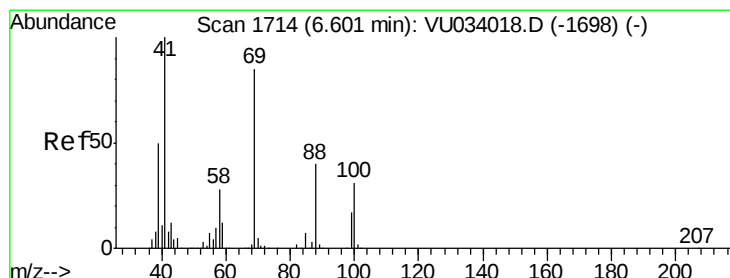
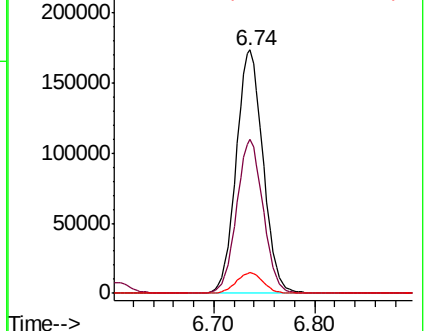
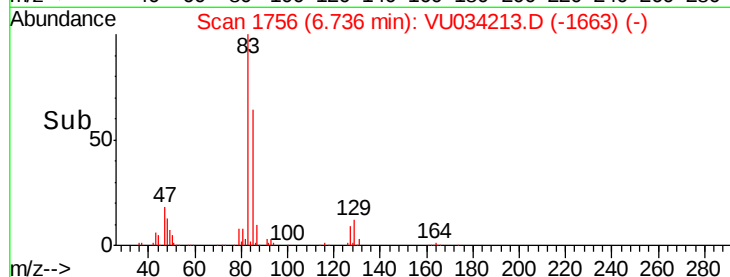
127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034213.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034213.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034213.D (-1663) (-)



#48

Methyl methacrylate

Concen: 44.307 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

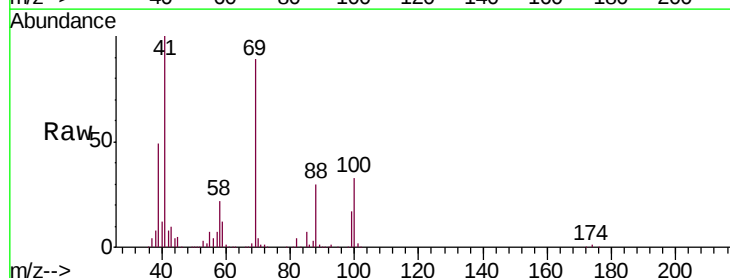
Tgt Ion: 41 Resp: 222649

Ion Ratio Lower Upper

41 100

69 90.4 69.5 104.3

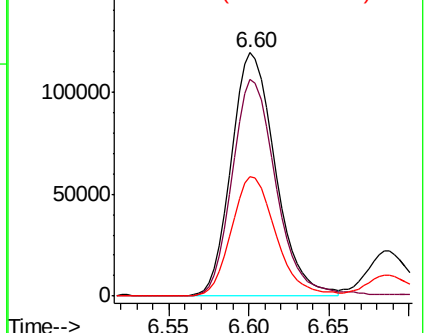
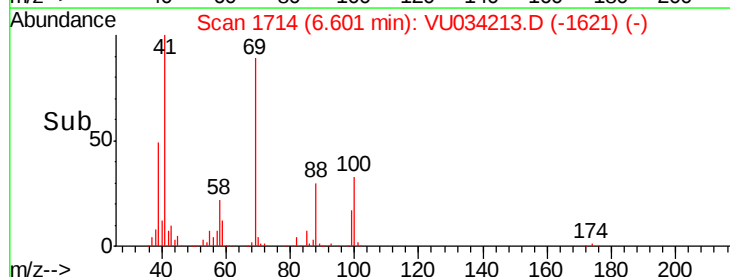
39 49.3 40.3 60.5

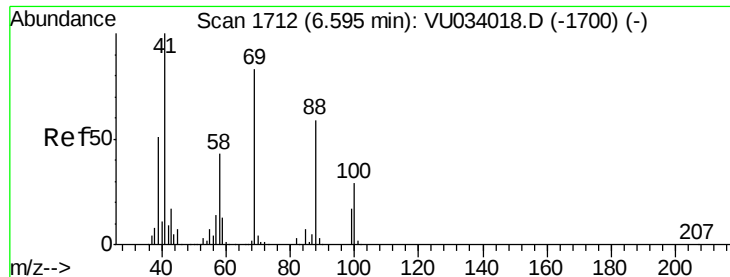


Abundance Ion 41.00 (40.70 to 41.70): VU034213.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034213.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034213.D (-1621) (-)

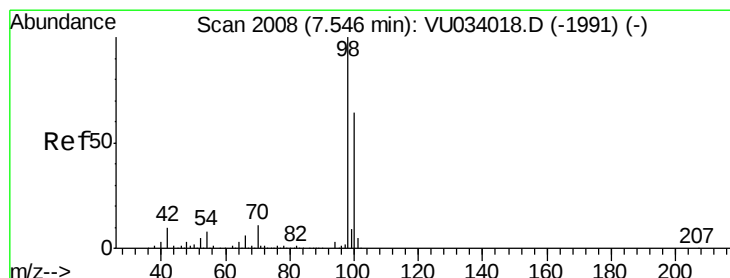
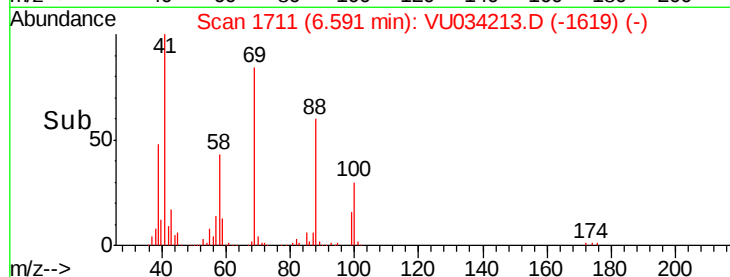
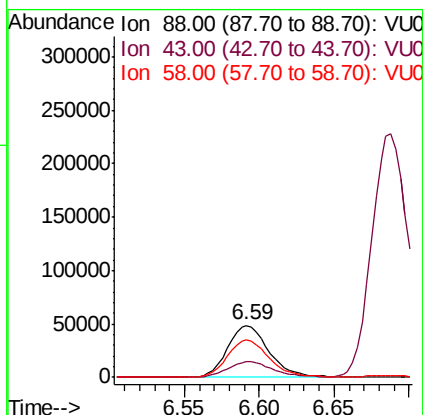
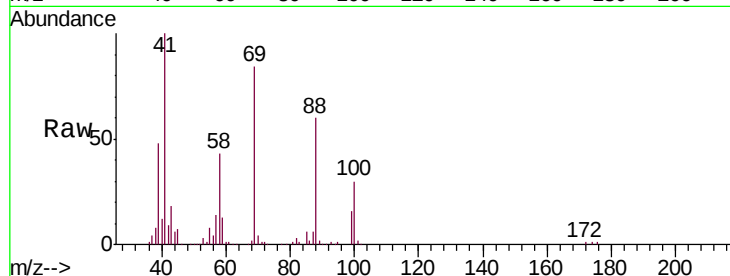




#49
 1,4-Dioxane
 Concen: 725.190 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

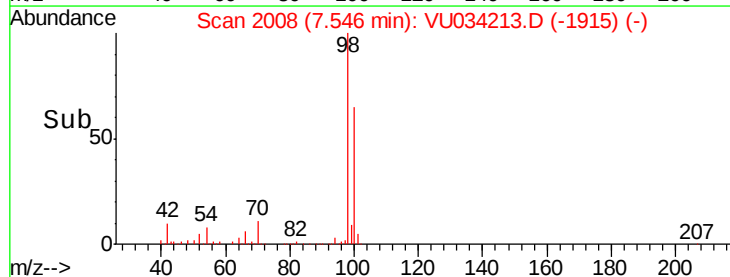
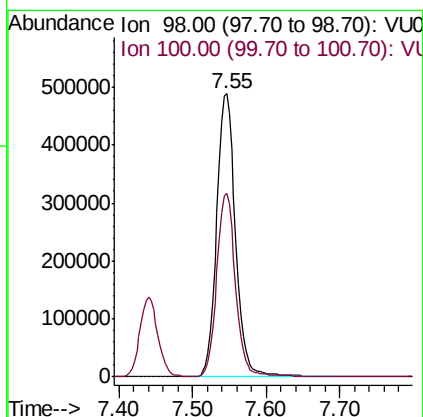
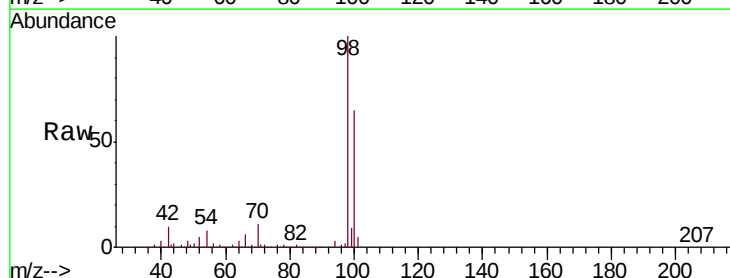
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

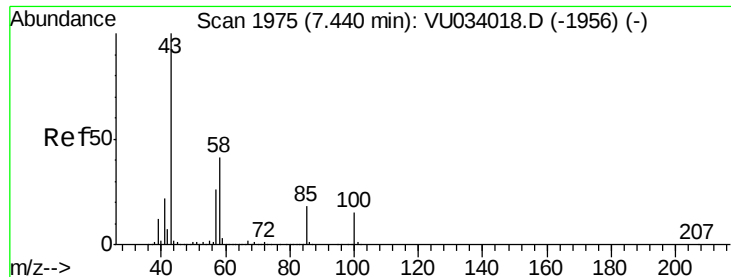
Tgt Ion: 88 Resp: 91307
 Ion Ratio Lower Upper
 88 100
 43 31.2 24.8 37.2
 58 75.1 59.3 88.9



#50
 Toluene-d8
 Concen: 51.764 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion: 98 Resp: 868767
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.3 75.5

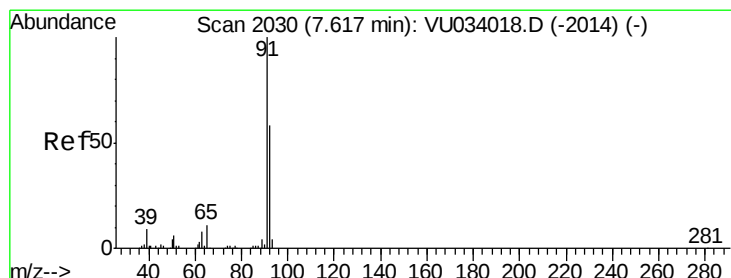
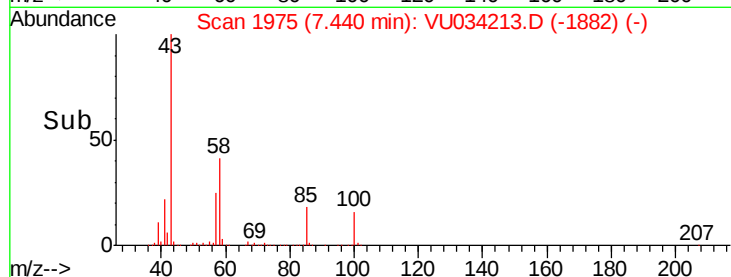
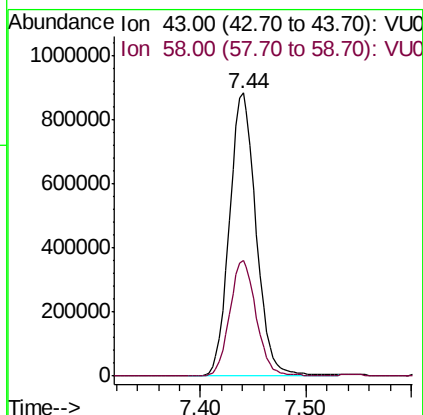
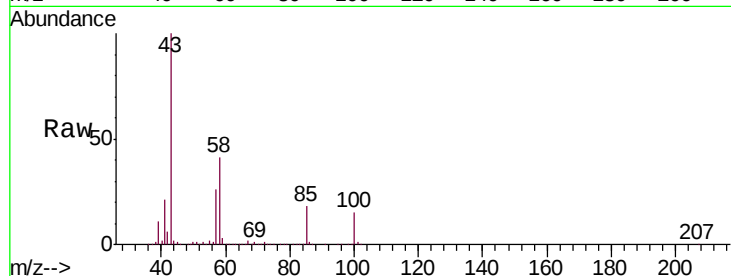




#51
 4-Methyl-2-Pentanone
 Concen: 214.076 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

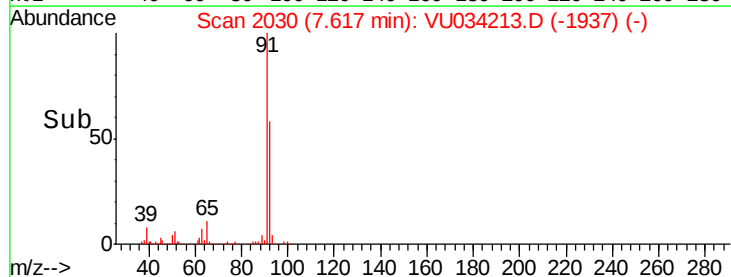
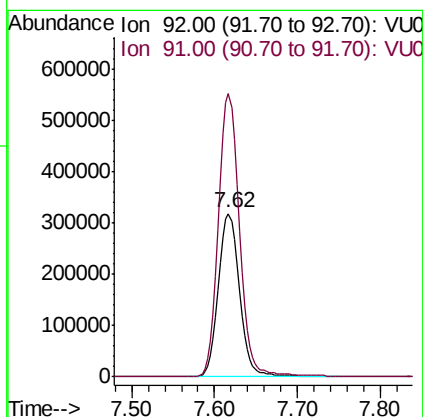
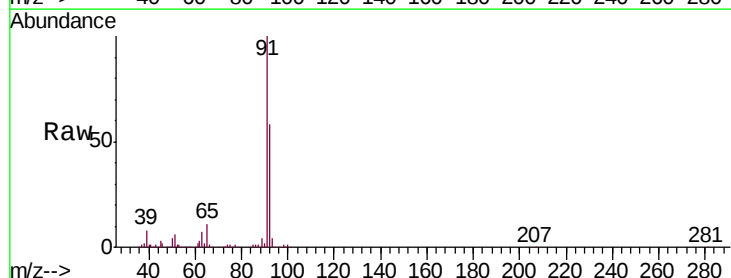
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

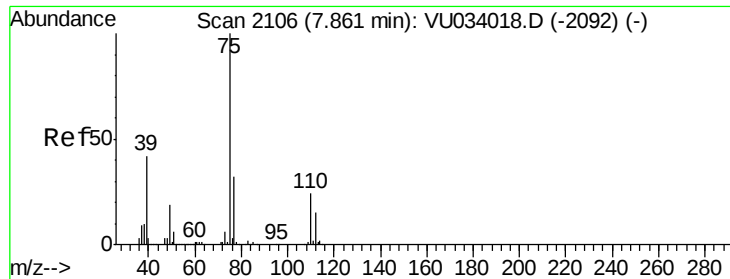
Tgt Ion: 43 Resp: 1539582
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.2 48.4



#52
 Toluene
 Concen: 49.739 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion: 92 Resp: 566662
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 47.361 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

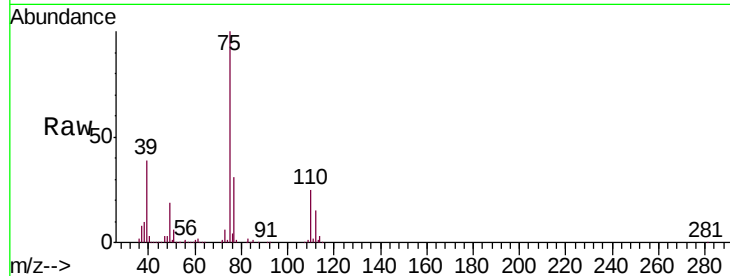
VSTDCCC050

Tgt Ion: 75 Resp: 337222

Ion Ratio Lower Upper

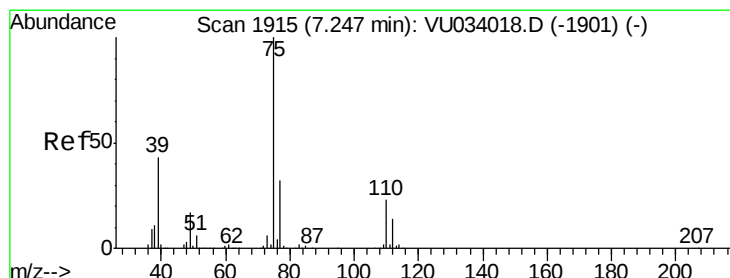
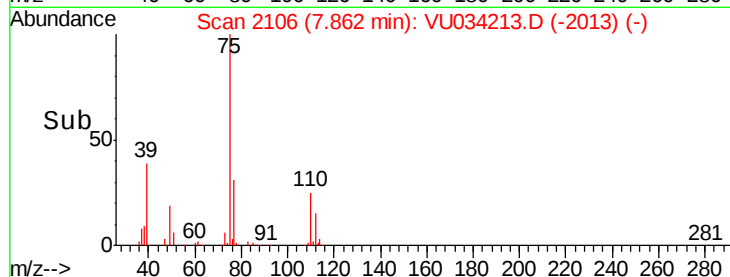
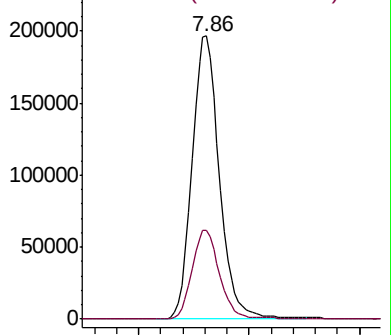
75 100

77 31.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 48.960 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

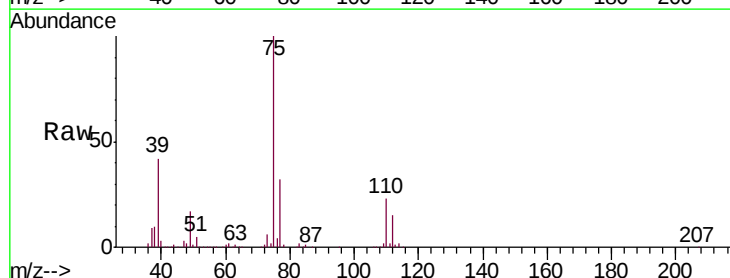
Tgt Ion: 75 Resp: 380862

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

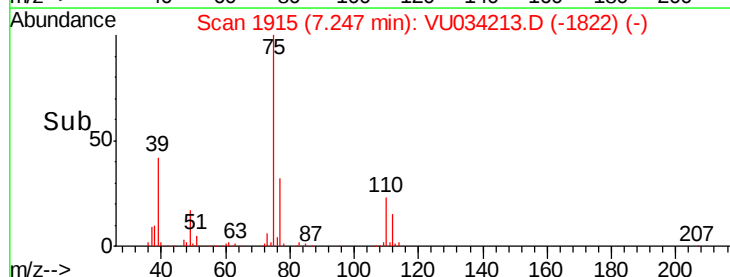
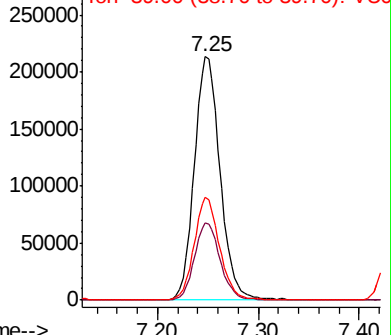
39 41.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#55

1,1,2-Trichloroethane

Concen: 48.603 ug/l

RT: 8.04 min Scan# 2163

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 234219

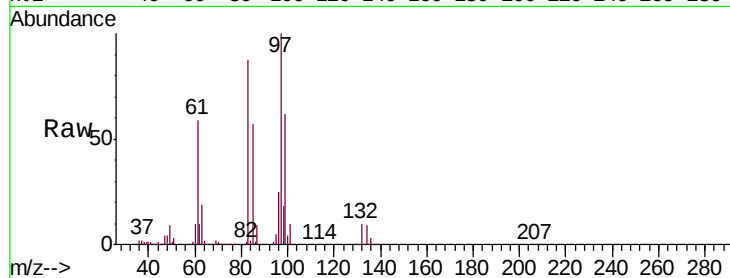
Ion Ratio Lower Upper

97 100

83 86.9 70.1 105.1

85 56.6 45.0 67.4

99 62.0 49.8 74.8

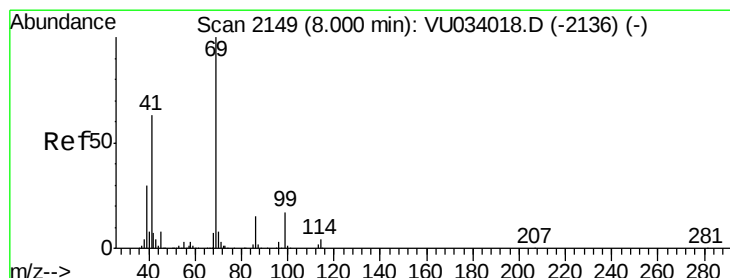
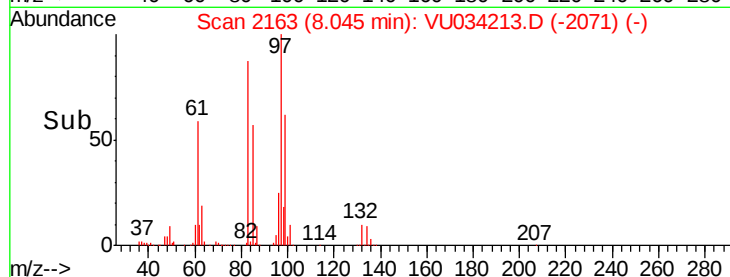
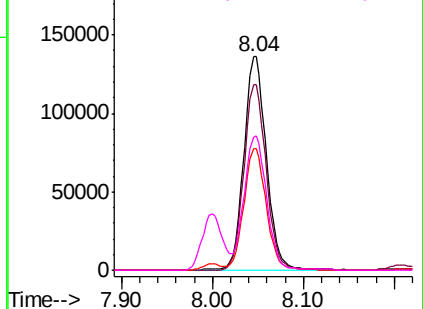


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 42.116 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

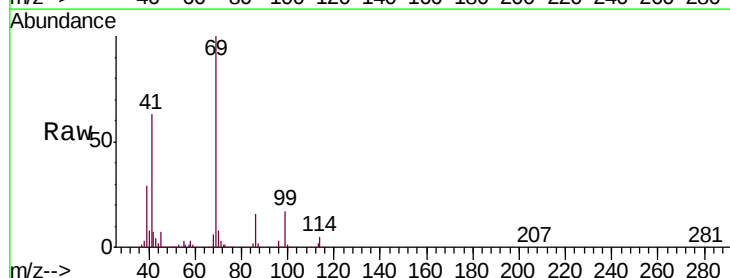
Tgt Ion: 69 Resp: 335405

Ion Ratio Lower Upper

69 100

41 63.3 50.7 76.1

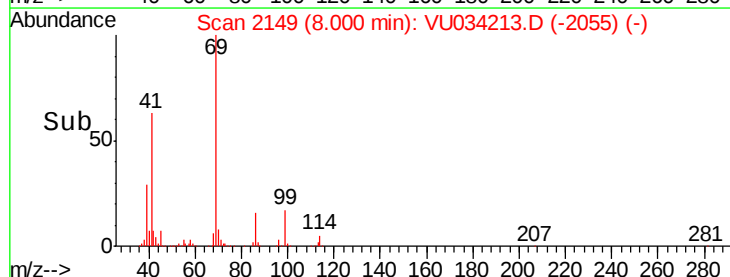
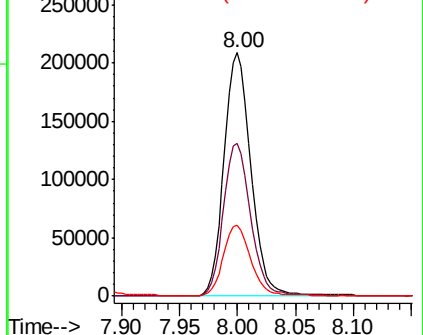
39 29.5 24.2 36.2

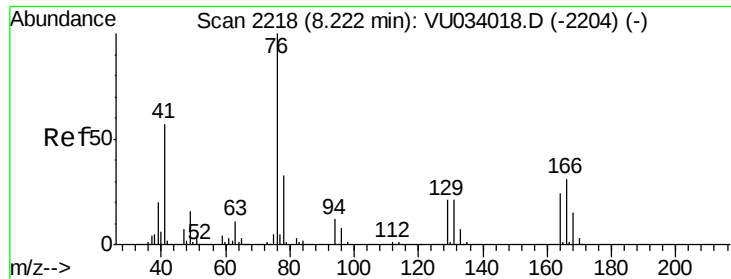


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

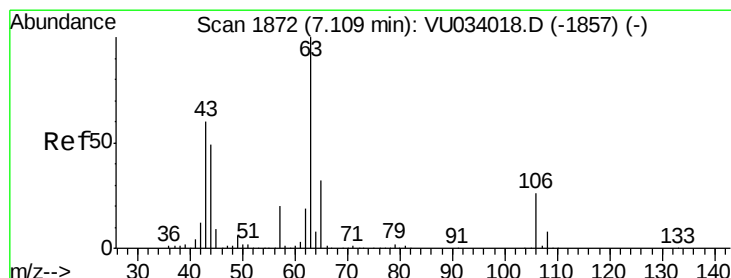
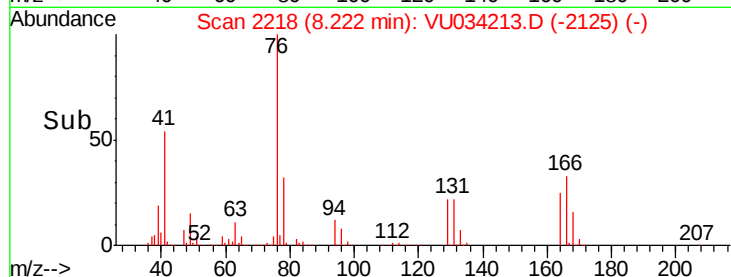
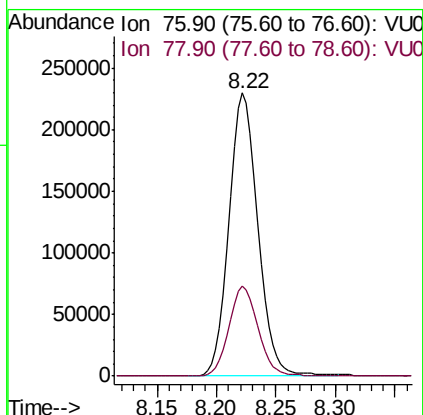
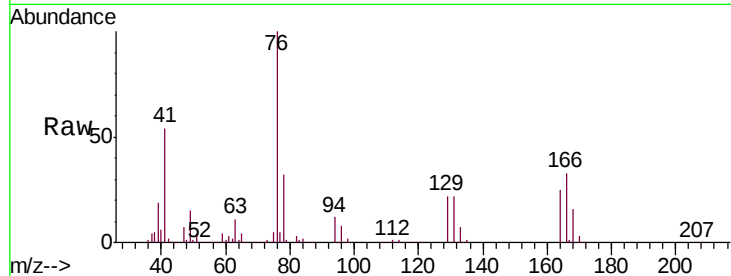




#57
 1,3-Dichloropropane
 Concen: 47.339 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

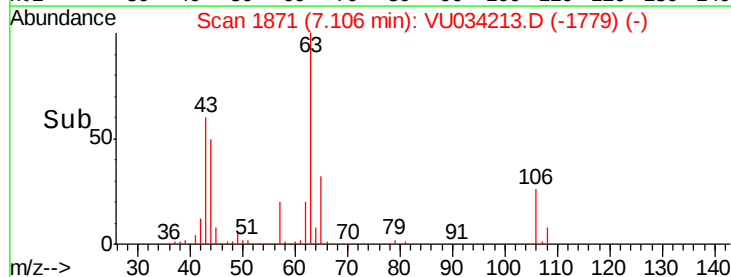
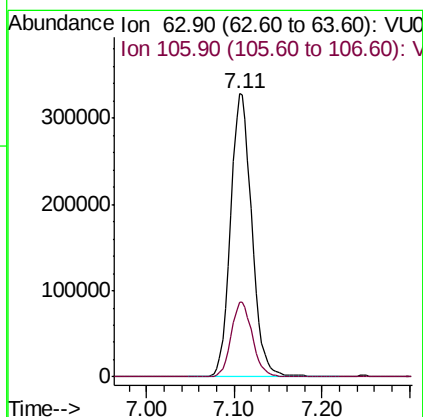
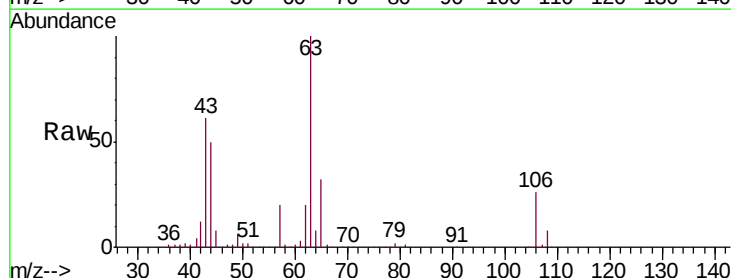
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

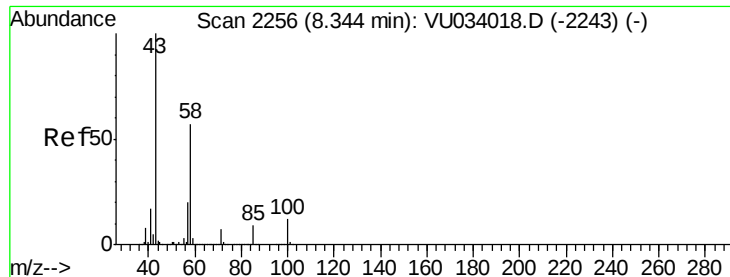
Tgt Ion: 76 Resp: 387348
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 207.549 ug/l
 RT: 7.11 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion: 63 Resp: 553327
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.7 31.1

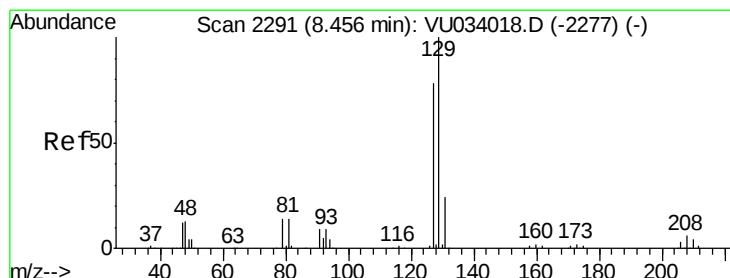
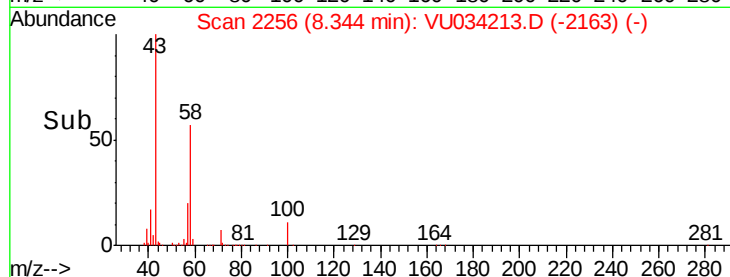
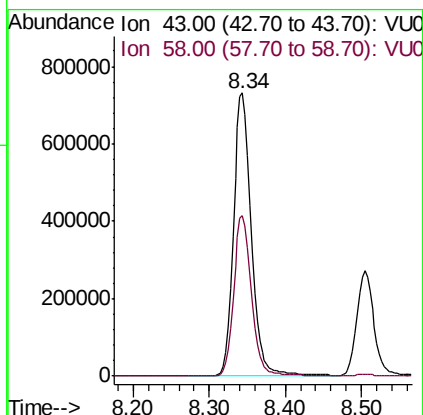
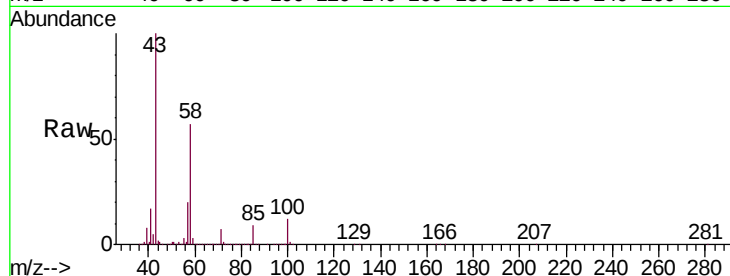




#59
2-Hexanone
Concen: 220.234 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

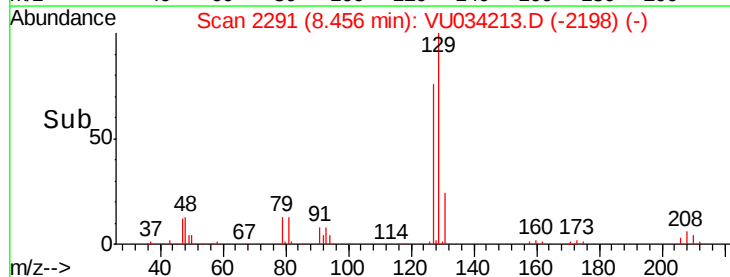
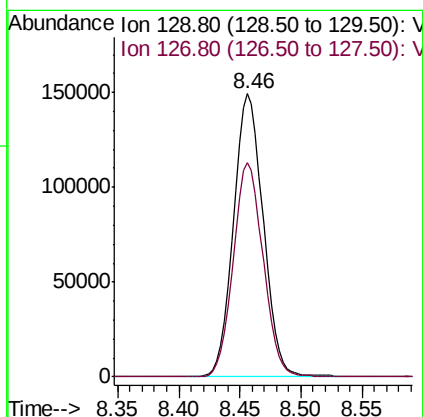
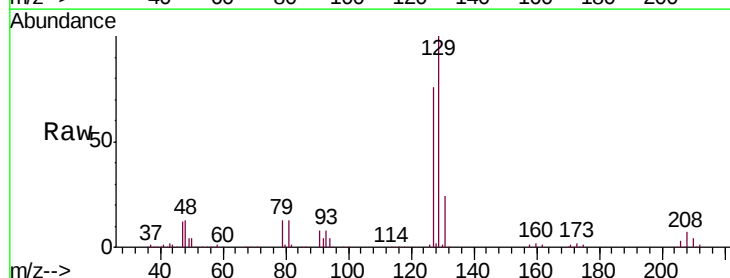
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

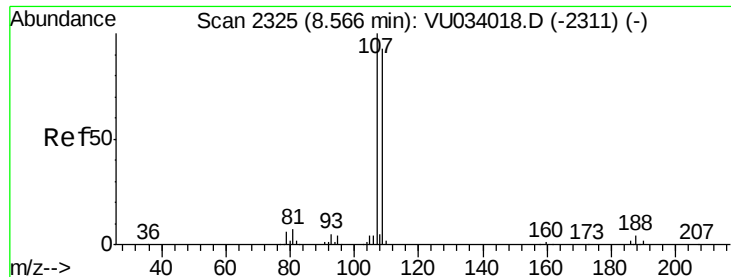
Tgt Ion: 43 Resp: 1195680
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.3



#60
Dibromochloromethane
Concen: 48.859 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 129 Resp: 252741
Ion Ratio Lower Upper
129 100
127 76.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 45.734 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

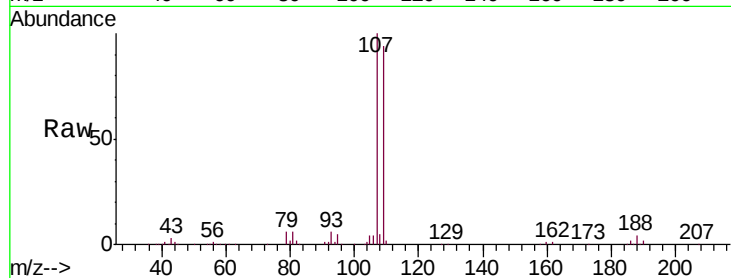
VSTDCCC050

Tgt Ion: 107 Resp: 232162

Ion Ratio Lower Upper

107 100

109 95.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

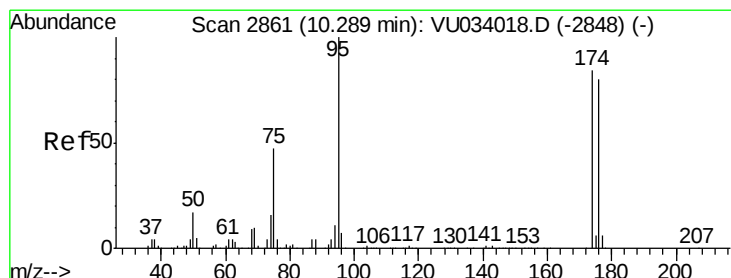
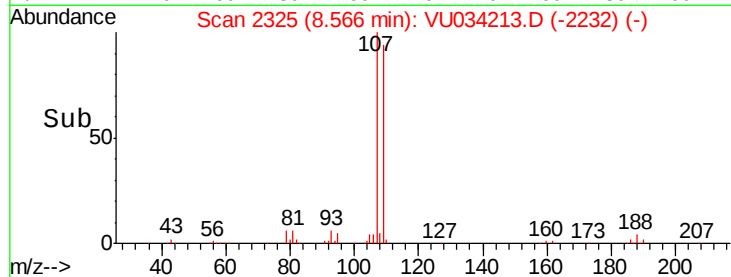
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.552 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

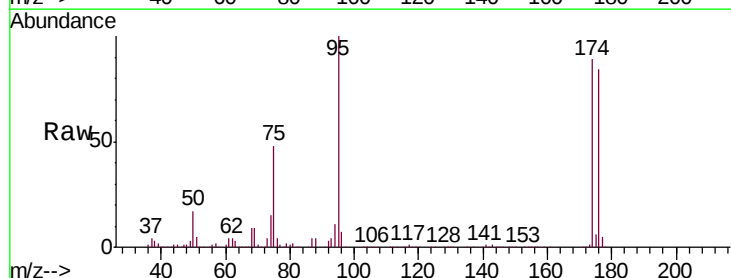
Tgt Ion: 95 Resp: 323499

Ion Ratio Lower Upper

95 100

174 86.8 0.0 168.8

176 82.4 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

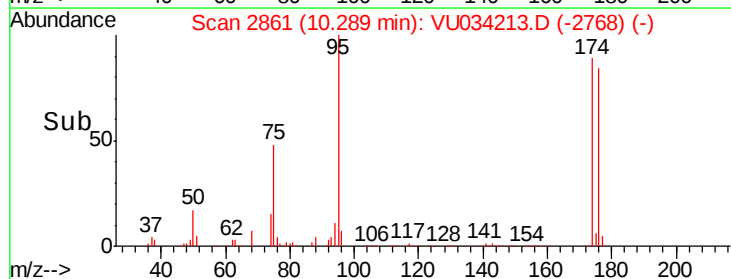
150000

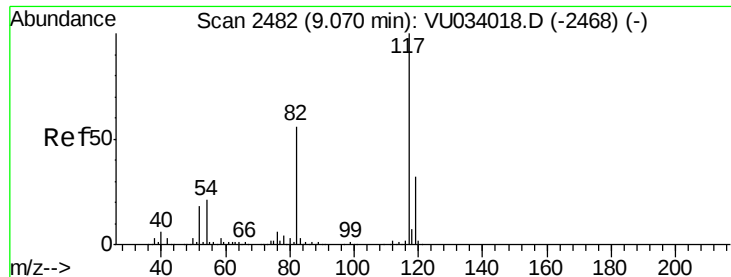
100000

50000

0

Time-->

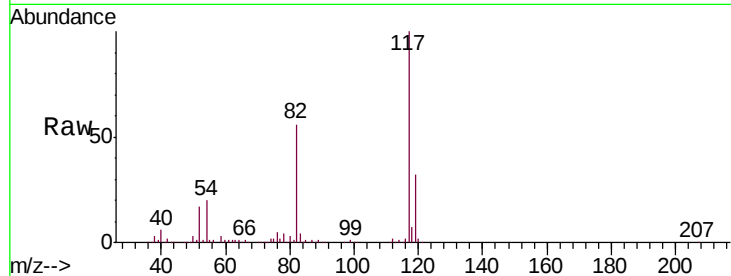




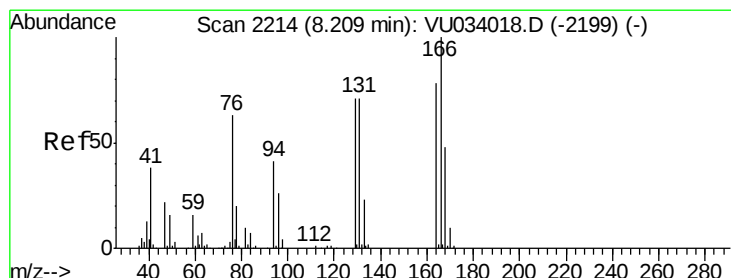
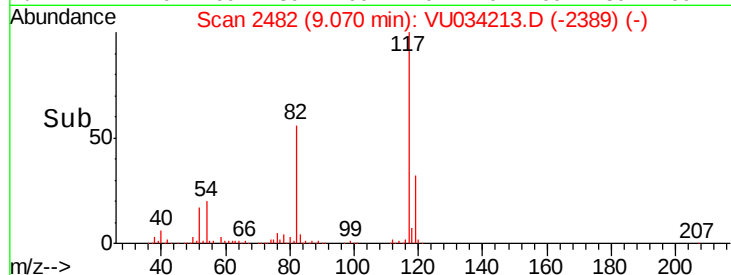
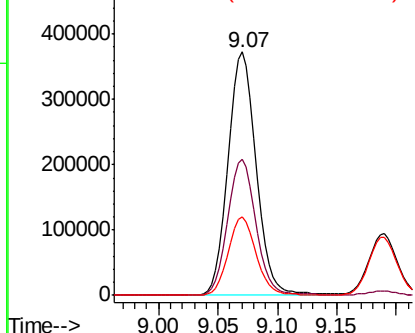
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 613591
Ion Ratio Lower Upper
117 100
82 56.1 45.1 67.7
119 32.3 25.4 38.0

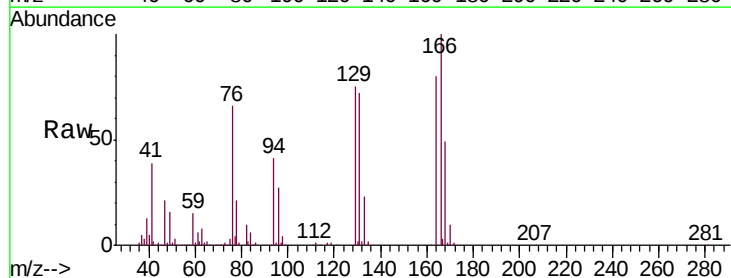


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

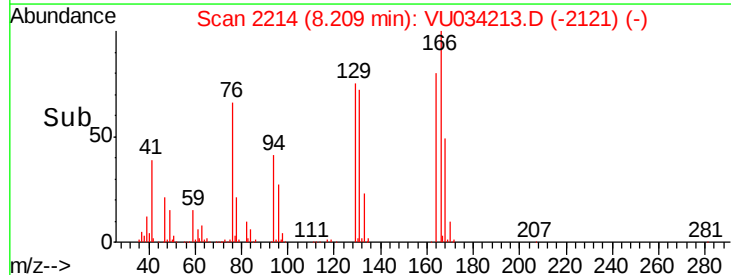
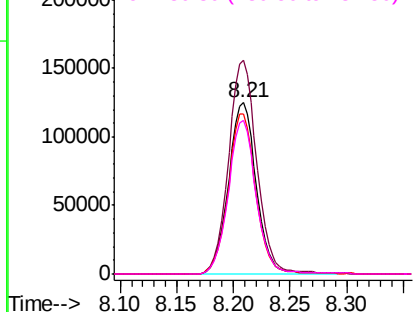


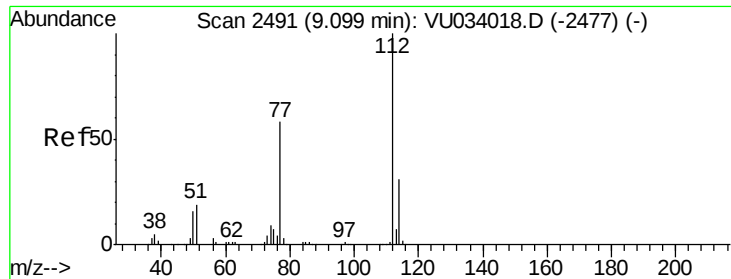
#64
Tetrachloroethene
Concen: 51.955 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion:164 Resp: 214089
Ion Ratio Lower Upper
164 100
166 124.6 102.2 153.2
129 93.1 72.4 108.6
131 89.4 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

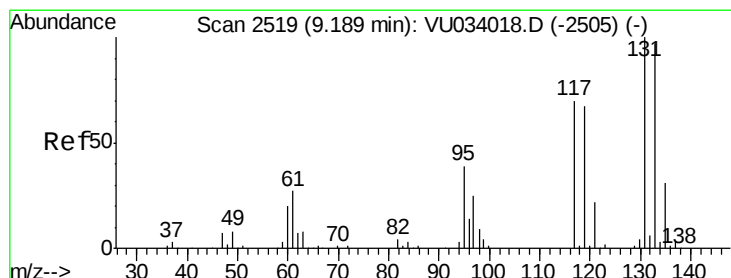
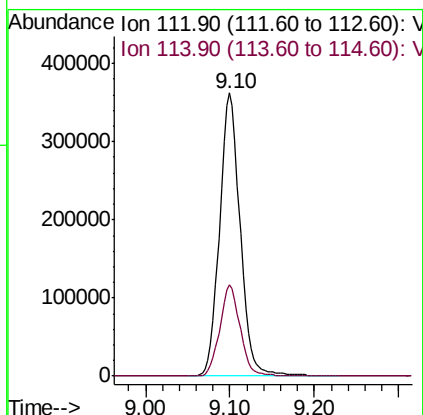
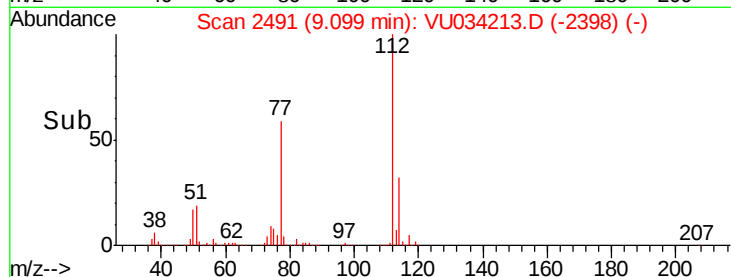
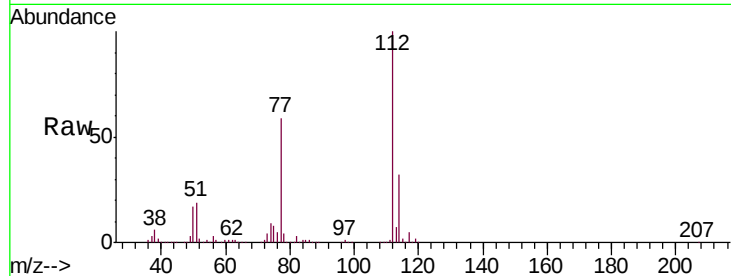




#65
Chlorobenzene
Concen: 48.744 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

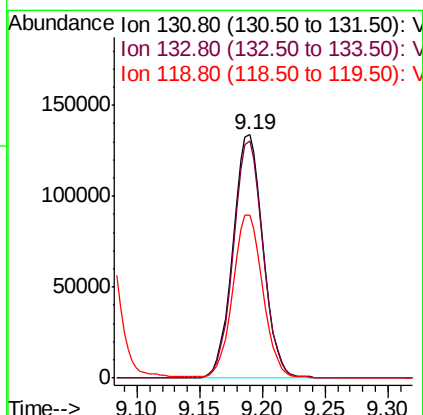
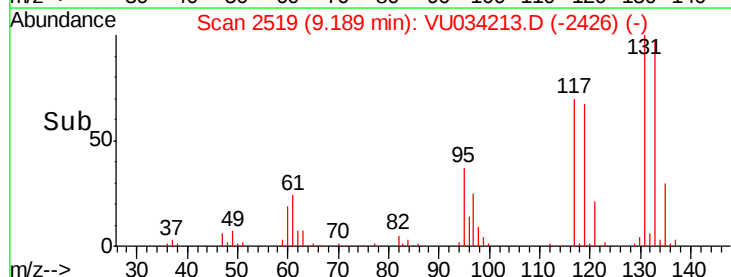
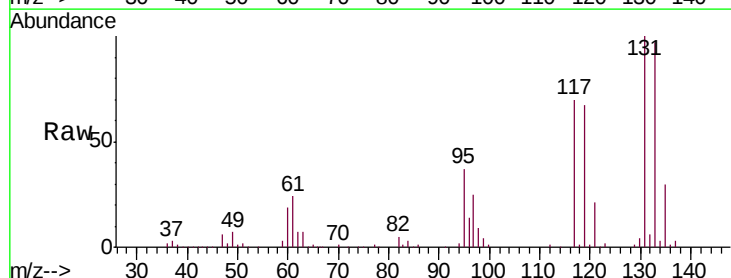
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

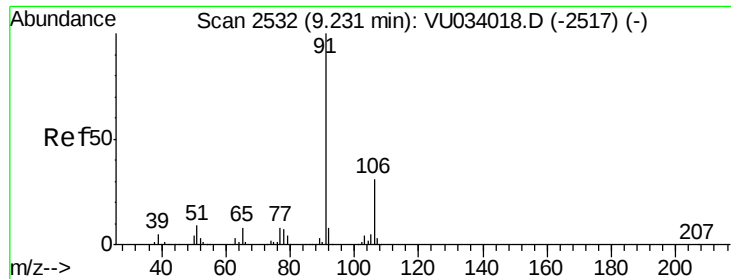
Tgt Ion:112 Resp: 615491
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.804 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion:131 Resp: 223457
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.2
119 66.4 33.6 100.6

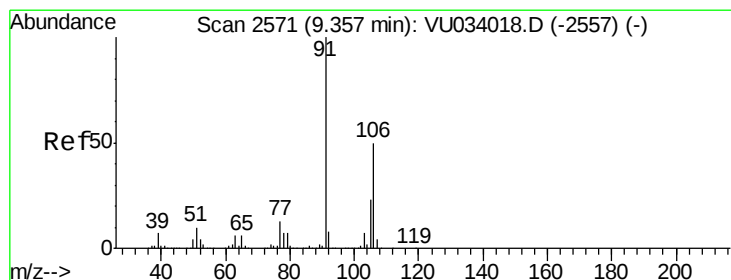
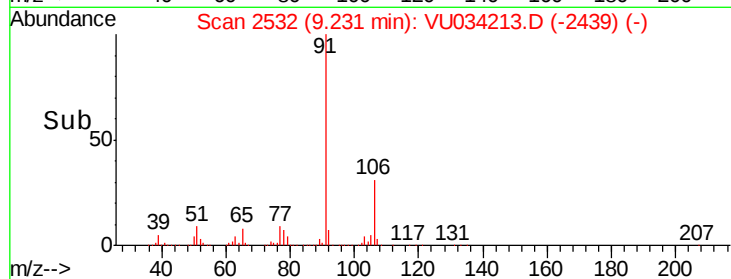
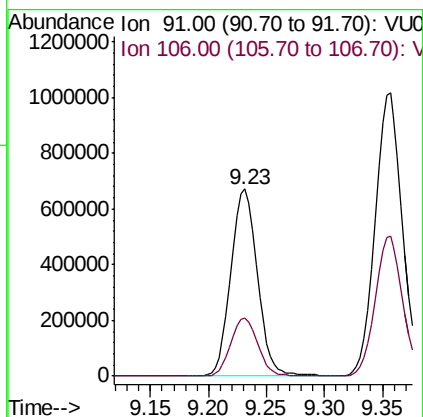
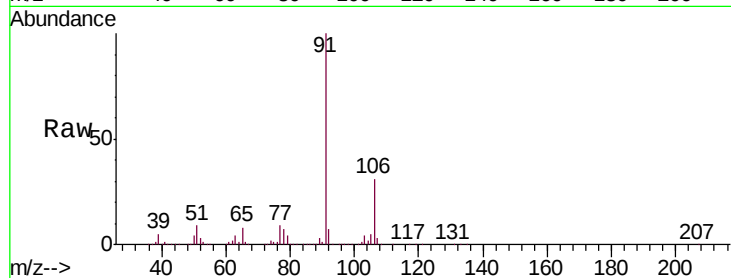




#67
Ethyl Benzene
Concen: 49.827 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

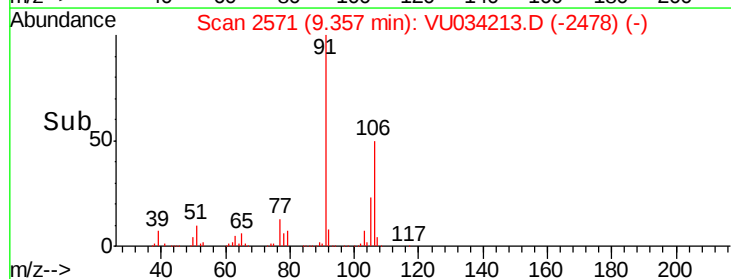
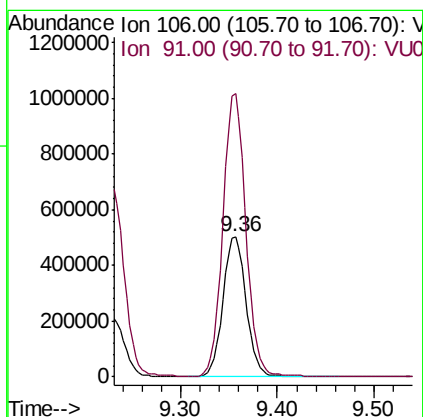
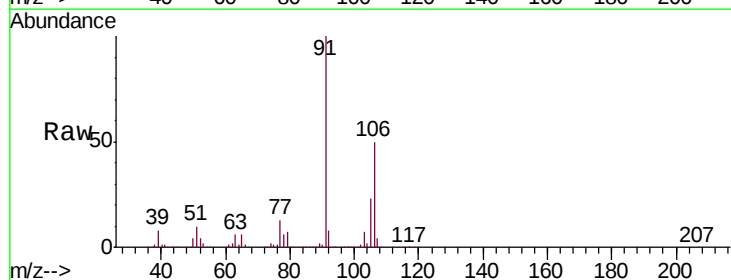
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

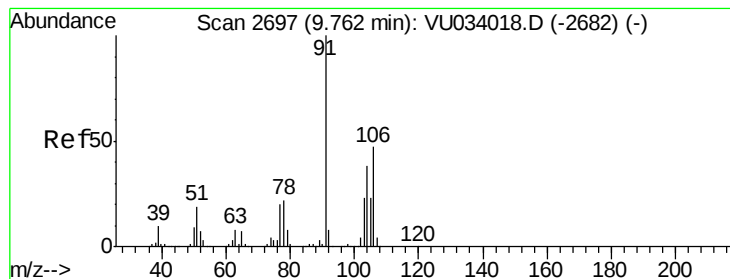
Tgt Ion: 91 Resp: 1066535
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 102.773 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 106 Resp: 836456
Ion Ratio Lower Upper
106 100
91 200.9 161.6 242.4

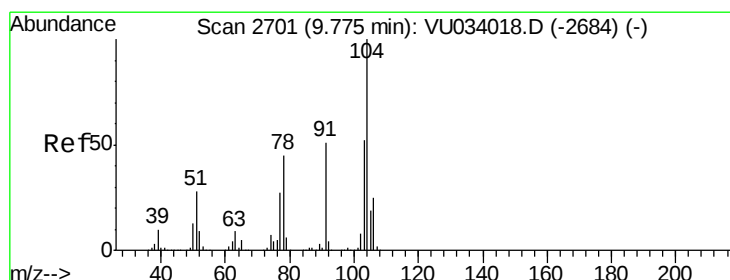
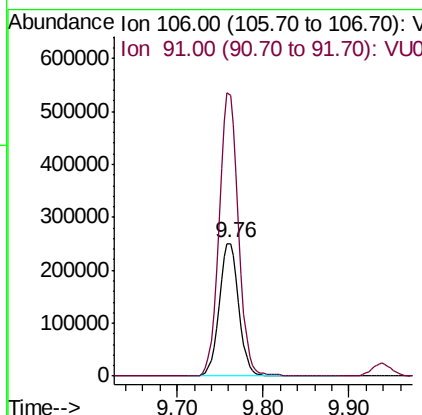
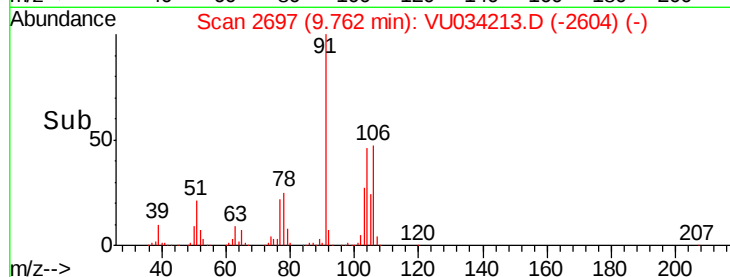
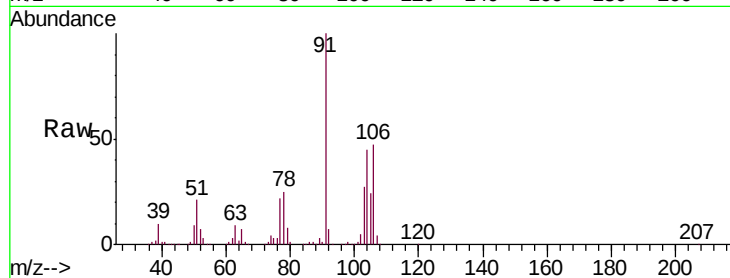




#69
o-Xylene
Concen: 50.445 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

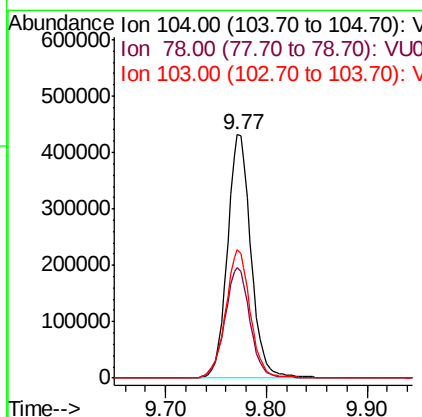
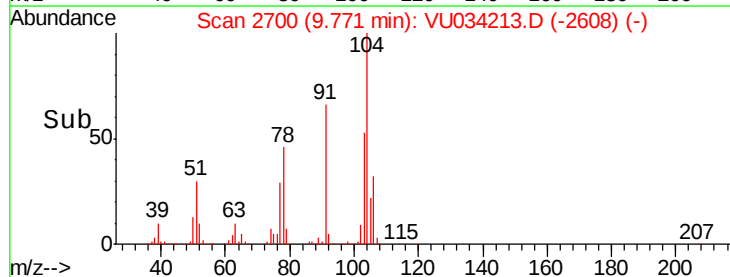
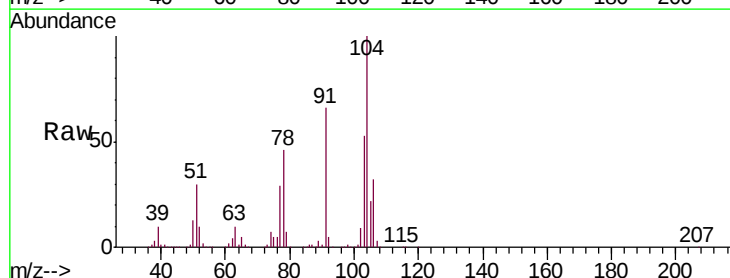
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

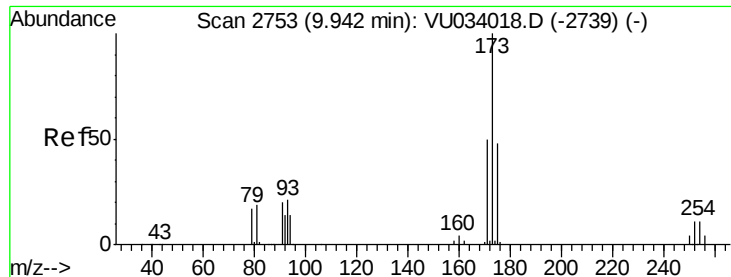
Tgt Ion:106 Resp: 393895
Ion Ratio Lower Upper
106 100
91 210.9 106.0 318.0



#70
Styrene
Concen: 52.546 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion:104 Resp: 703511
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 55.2 44.0 66.0





#71

Bromoform

Concen: 46.865 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

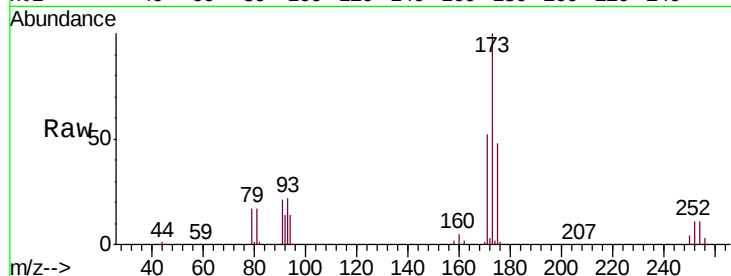
Tgt Ion:173 Resp: 186437

Ion Ratio Lower Upper

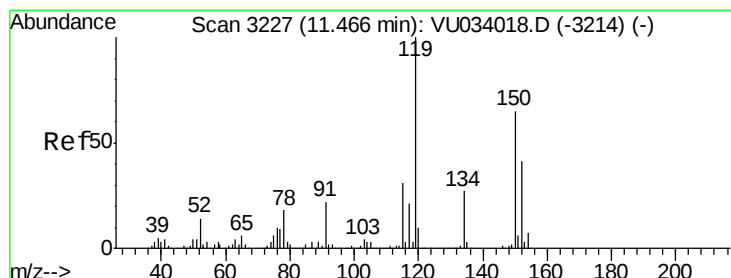
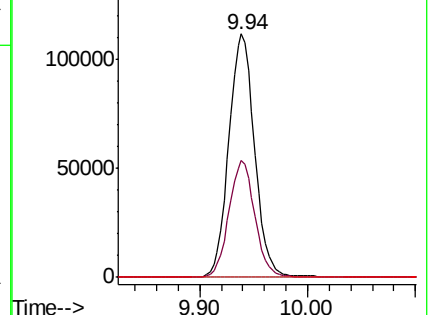
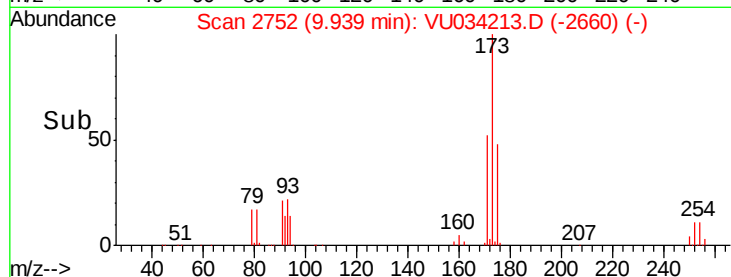
173 100

175 48.1 24.6 73.6

254 0.2 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: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

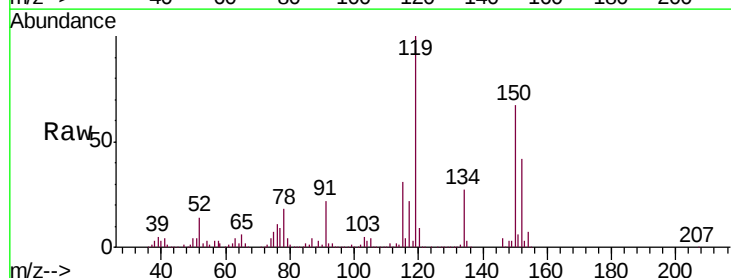
Tgt Ion:152 Resp: 333629

Ion Ratio Lower Upper

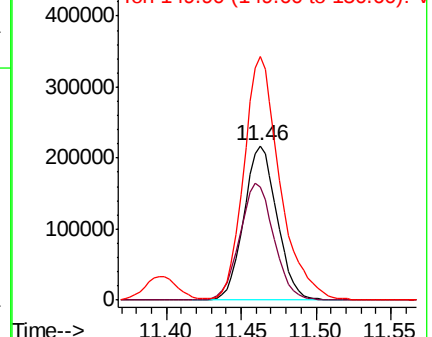
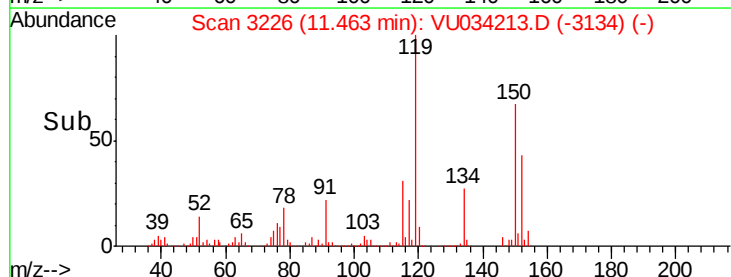
152 100

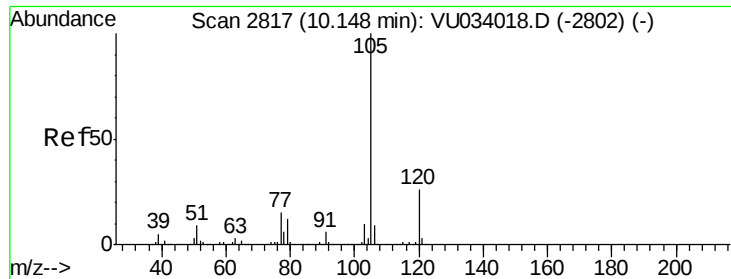
115 78.2 41.1 123.3

150 171.7 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: 47.807 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

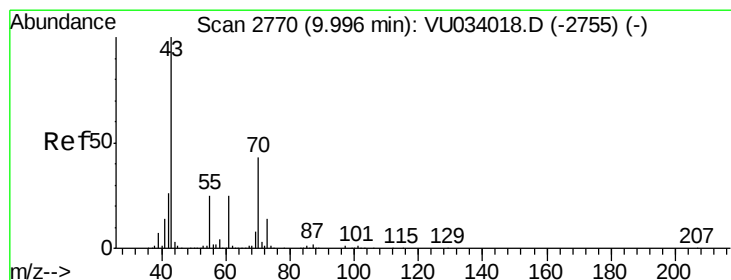
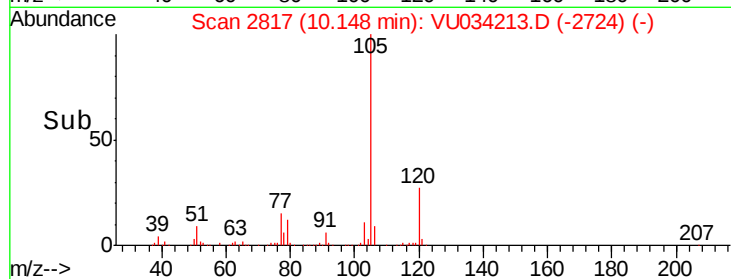
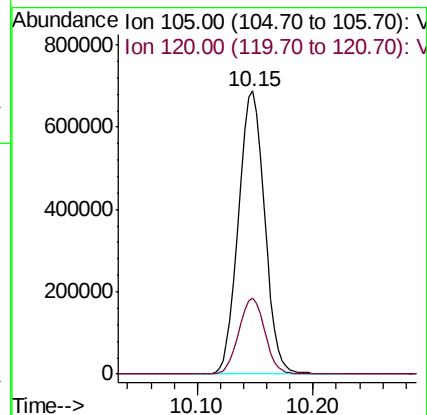
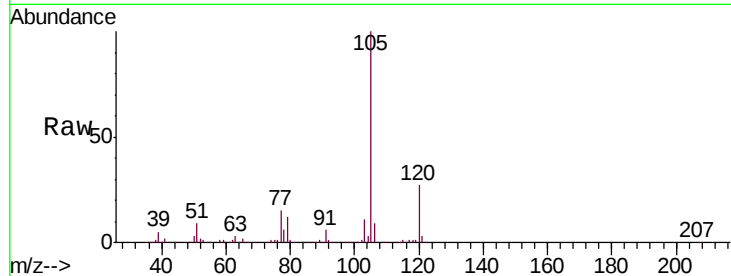
VSTDCCC050

Tgt Ion: 105 Resp: 1071331

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 44.553 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Tgt Ion: 43 Resp: 419921

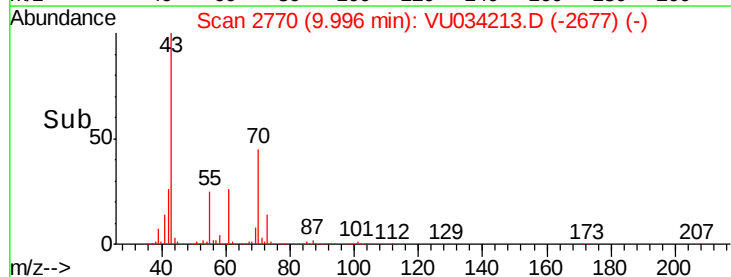
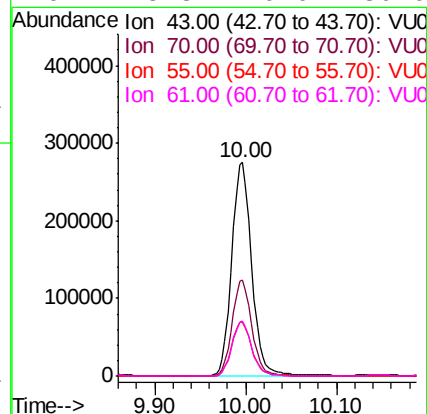
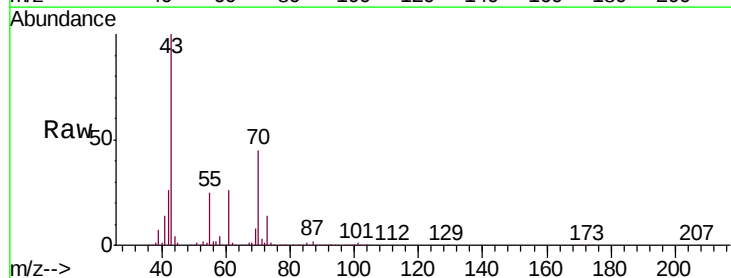
Ion Ratio Lower Upper

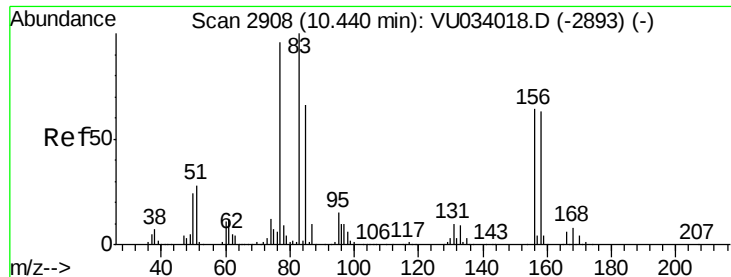
43 100

70 44.3 35.2 52.8

55 25.7 20.5 30.7

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.624 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

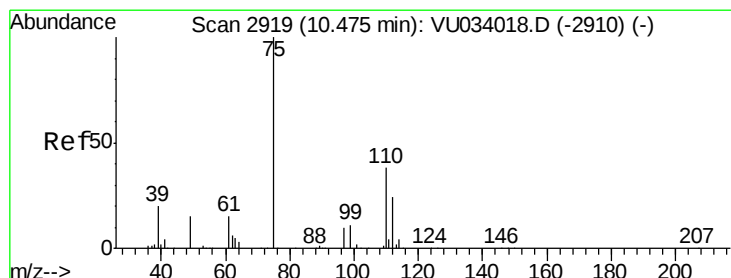
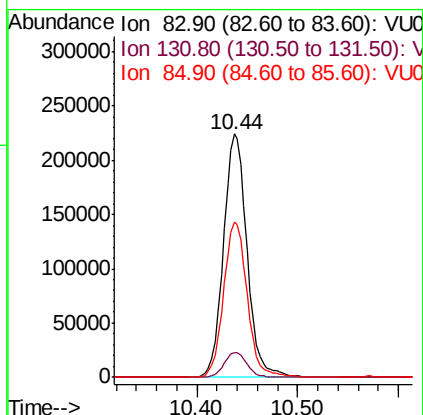
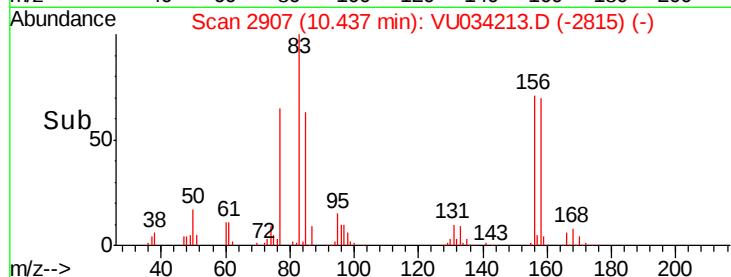
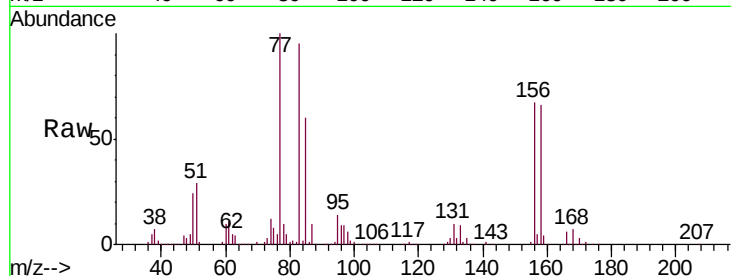
Tgt Ion: 83 Resp: 365598

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 52.366 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034213.D

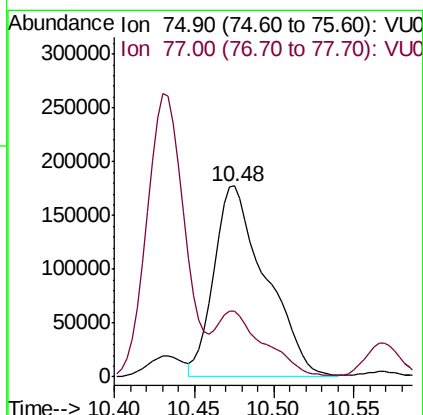
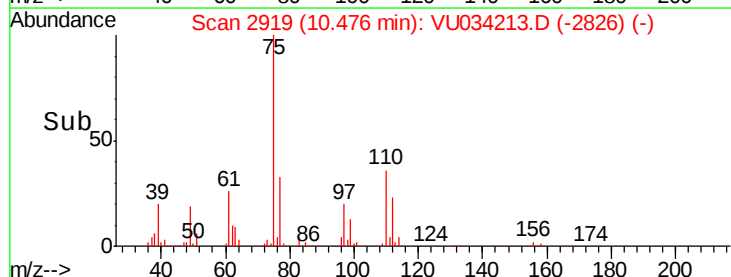
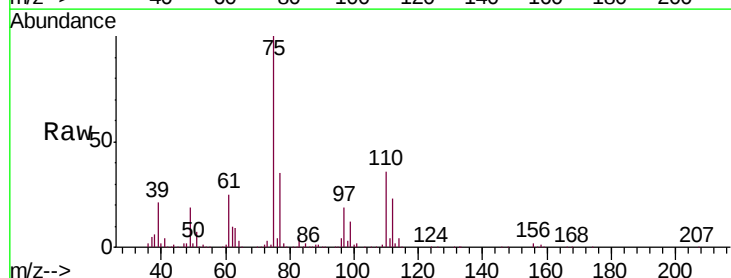
Acq: 03 Sep 2019 09:27

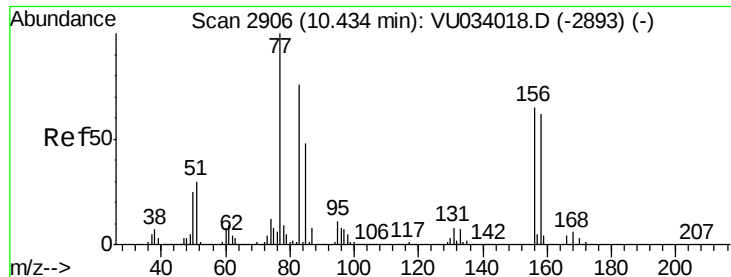
Tgt Ion: 75 Resp: 393763

Ion Ratio Lower Upper

75 100

77 32.0 20.1 60.2

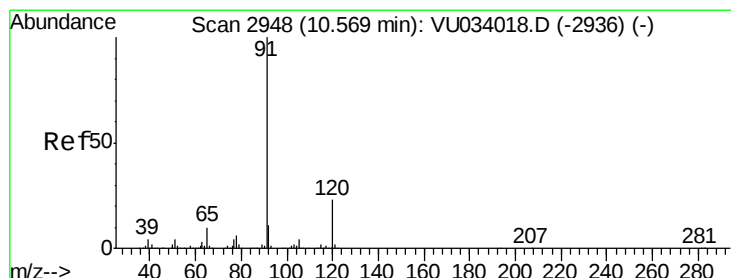
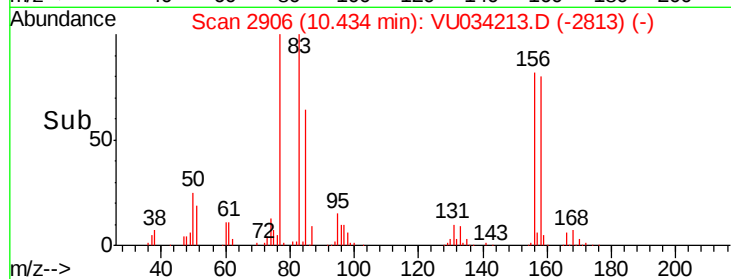
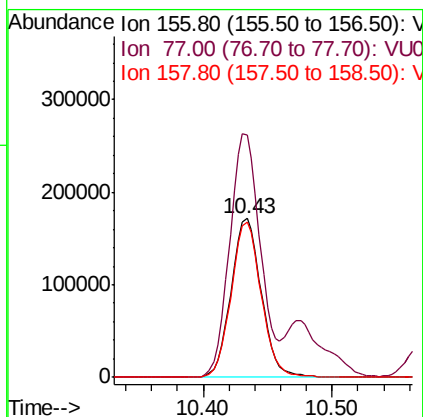
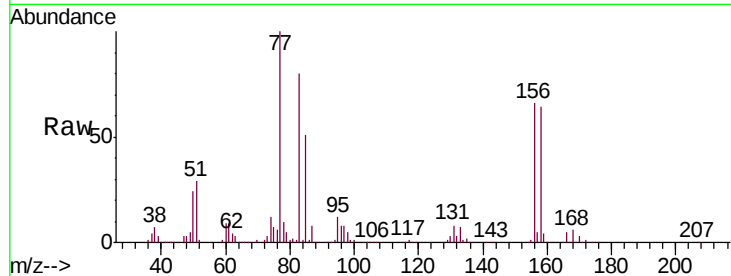




#77
Bromobenzene
Concen: 46.383 ug/l
RT: 10.43 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

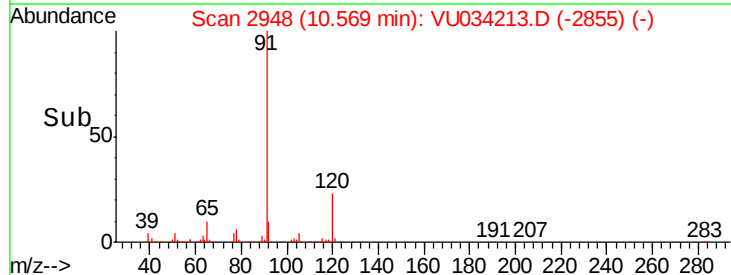
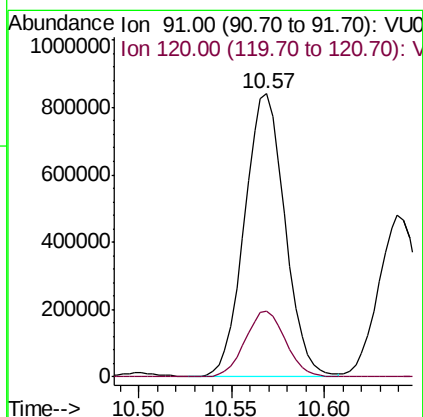
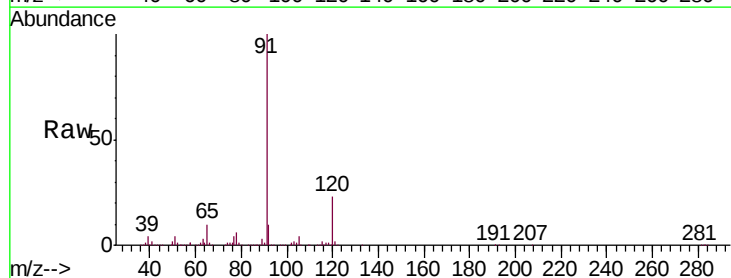
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

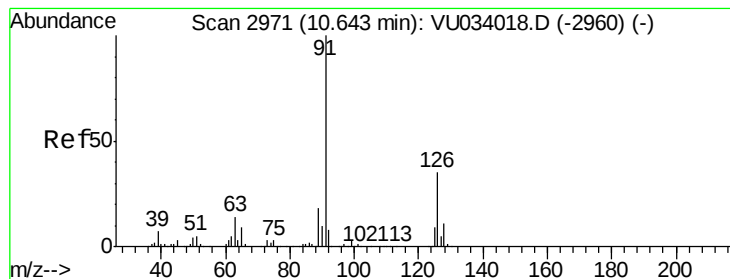
Tgt Ion: 156 Resp: 279607
Ion Ratio Lower Upper
156 100
77 156.2 76.8 230.5
158 97.7 48.4 145.0



#78
n-propylbenzene
Concen: 48.909 ug/l
RT: 10.57 min Scan# 2948
Delta R.T. 0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 91 Resp: 1276428
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 47.471 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

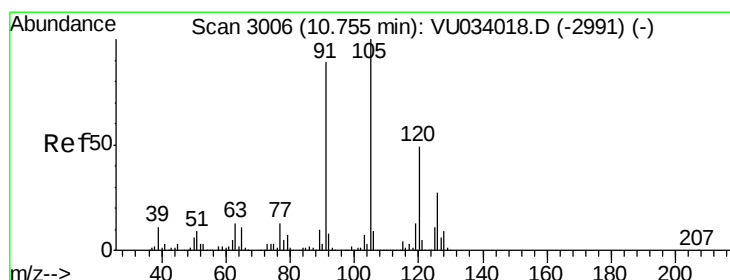
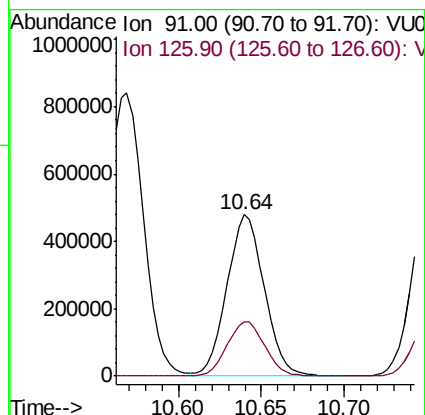
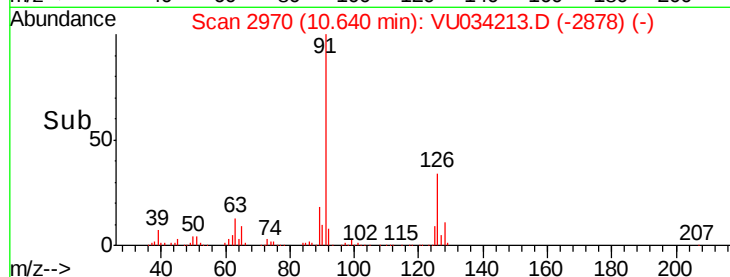
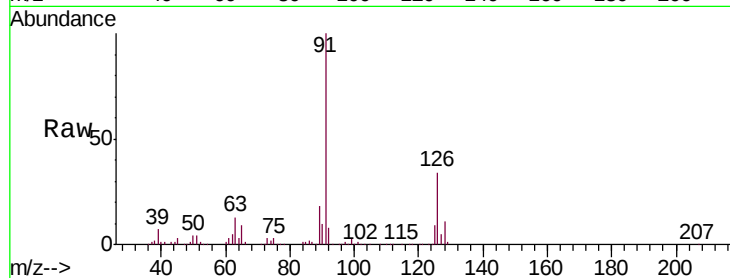
VSTDCCC050

Tgt Ion: 91 Resp: 743102

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 49.347 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034213.D

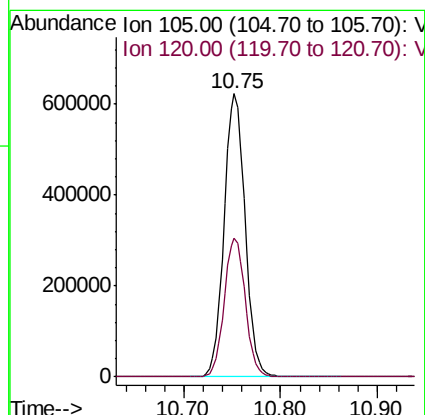
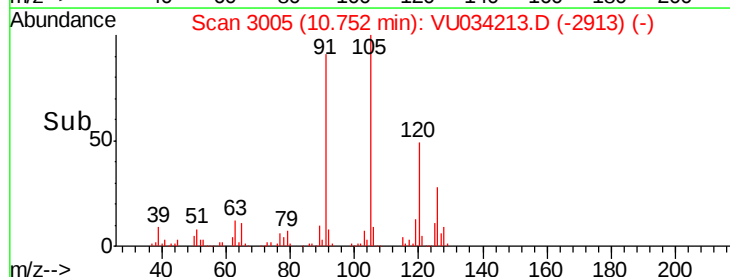
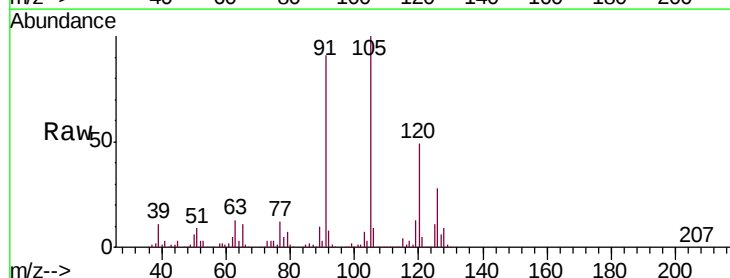
Acq: 03 Sep 2019 09:27

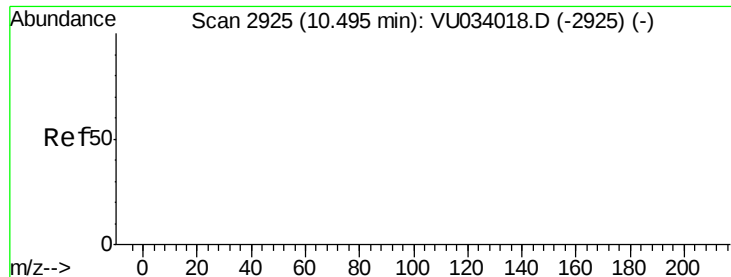
Tgt Ion: 105 Resp: 937275

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.6

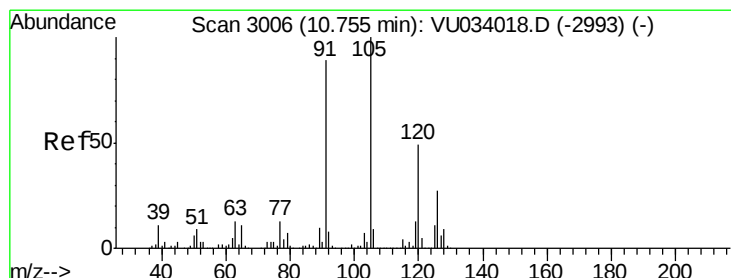
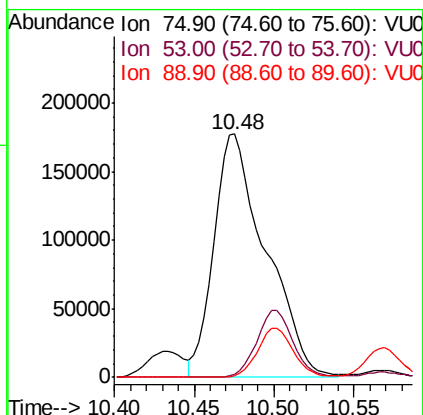
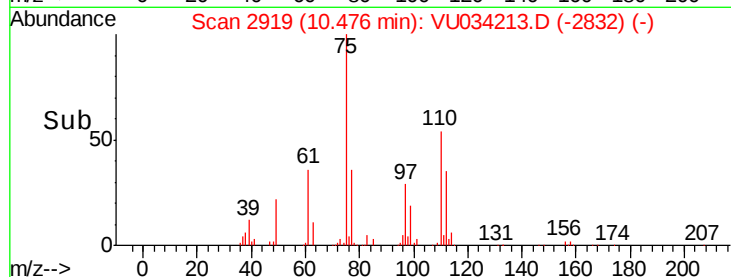
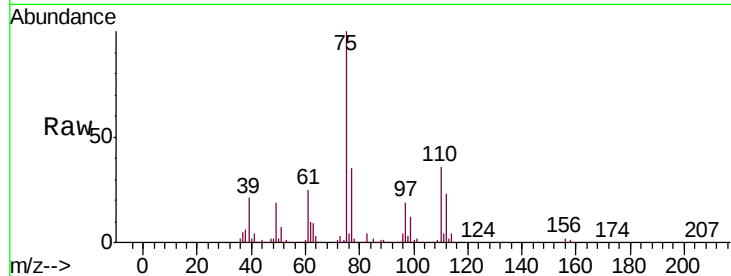




#81
trans-1,4-Dichloro-2-butene
Concen: 176.971 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

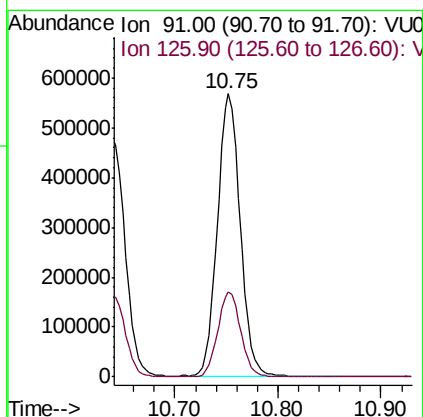
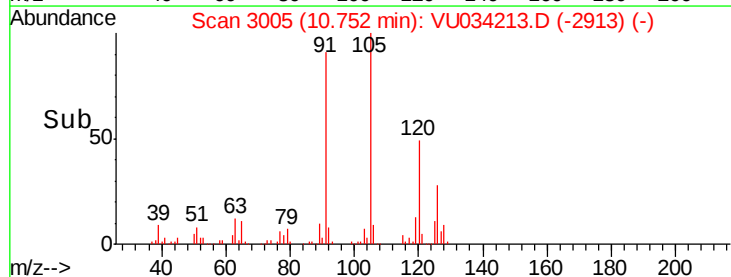
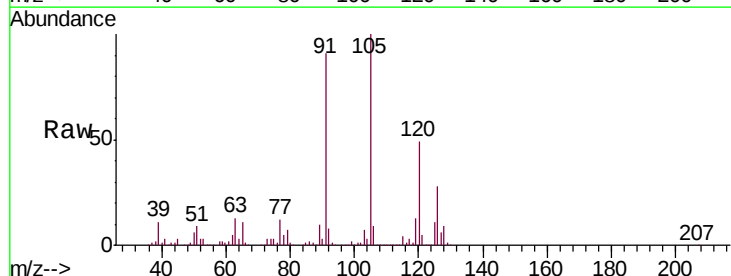
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

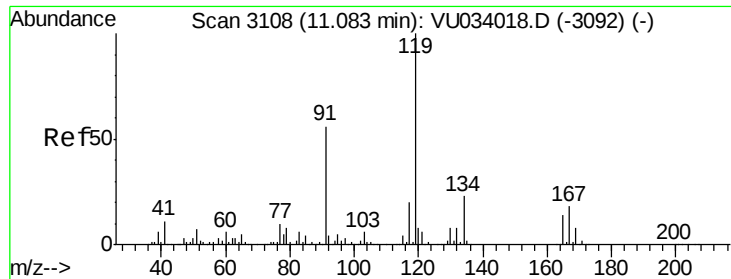
Tgt Ion: 75 Resp: 395195
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.436 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion: 91 Resp: 872002
Ion Ratio Lower Upper
91 100
126 30.3 15.0 45.1

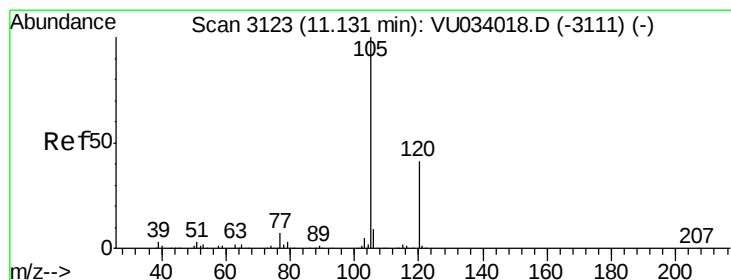
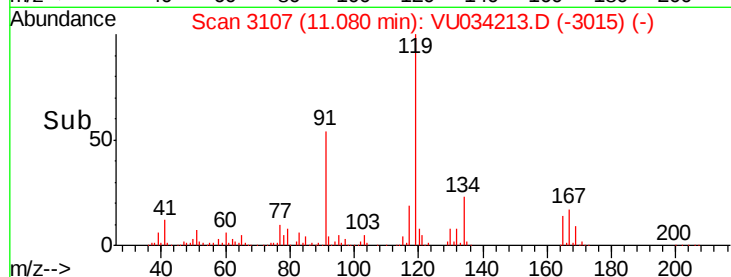
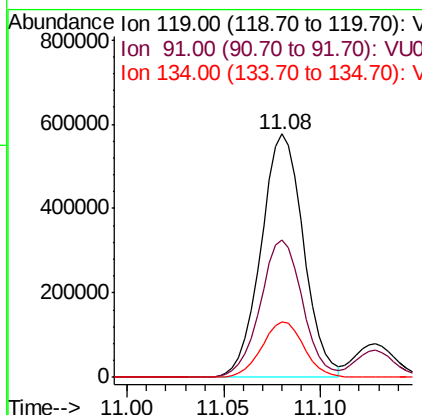
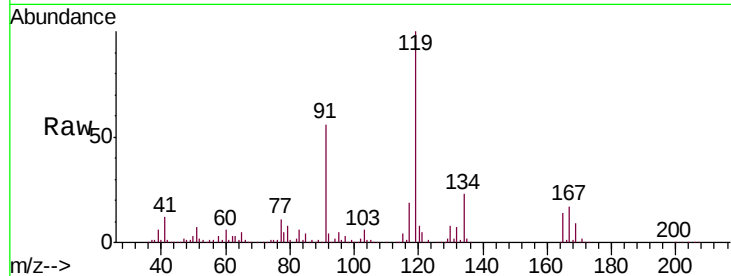




#83
 tert-Butylbenzene
 Concen: 47.212 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

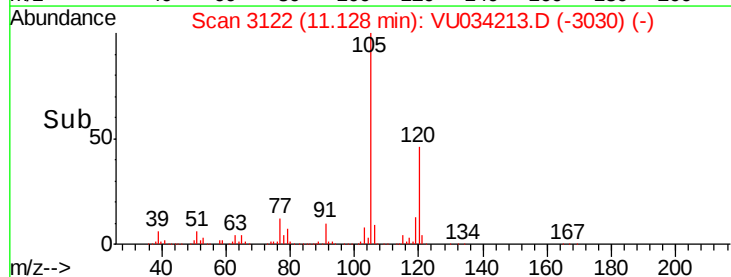
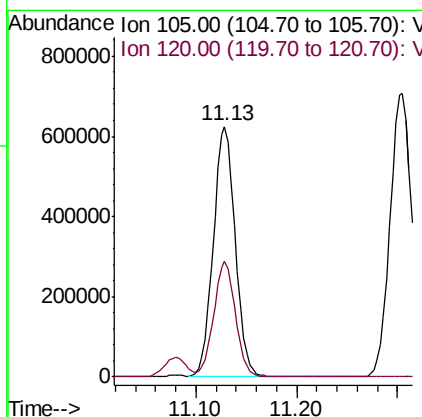
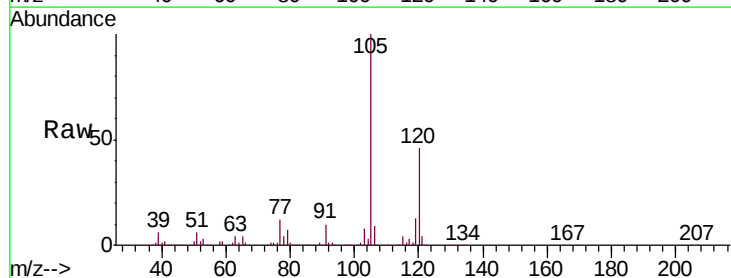
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

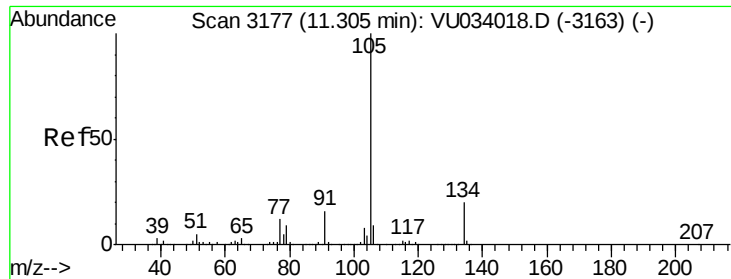
Tgt Ion:	119	Resp:	882765
Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.9	83.6
134	22.7	11.4	34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 49.899 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion:	105	Resp:	941112
Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.8

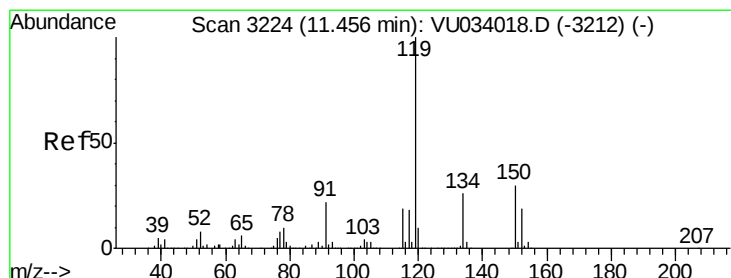
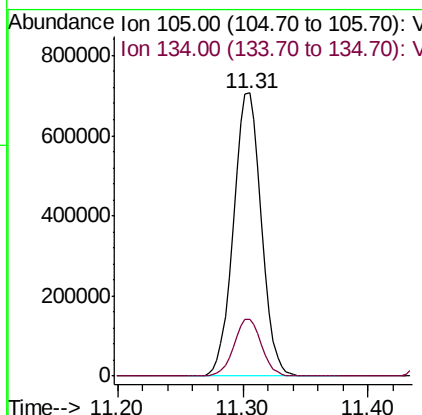
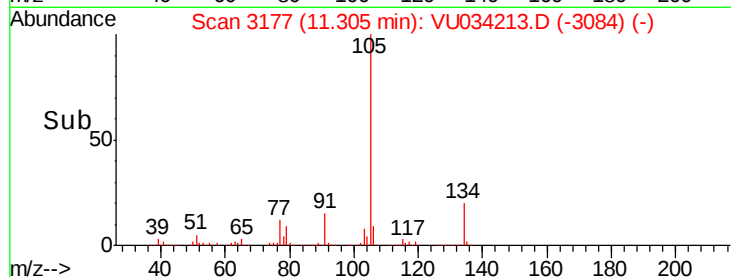
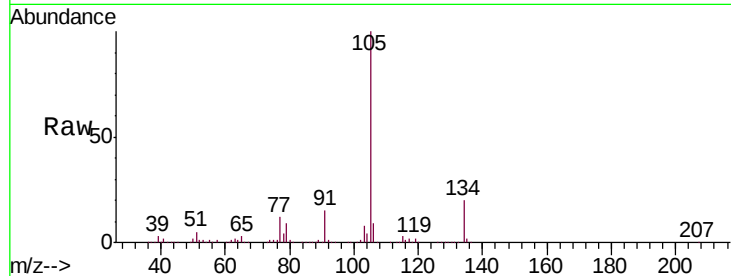




#85
 sec-Butylbenzene
 Concen: 48.331 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

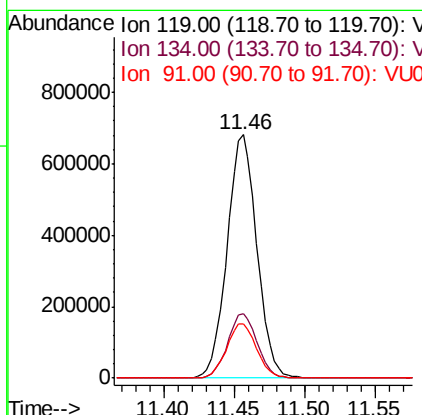
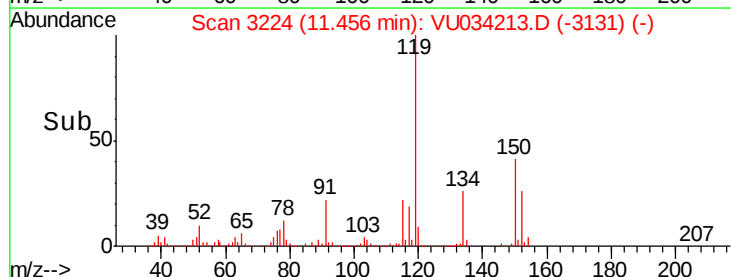
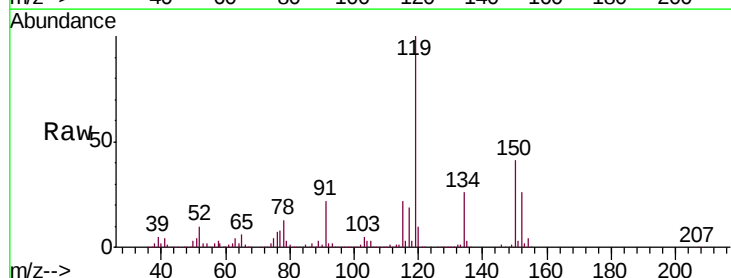
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

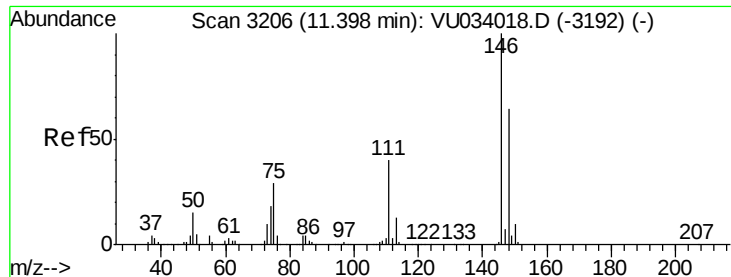
Tgt Ion:105 Resp: 1083105
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.331 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion:119 Resp: 999858
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 22.5 11.2 33.6

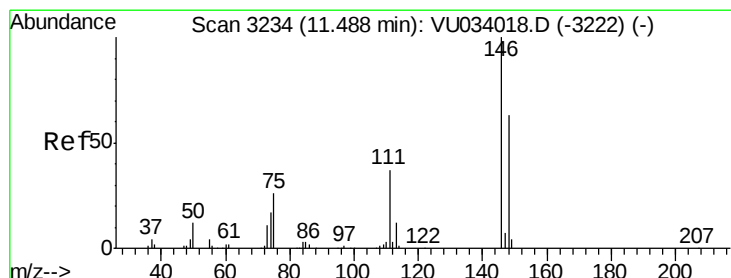
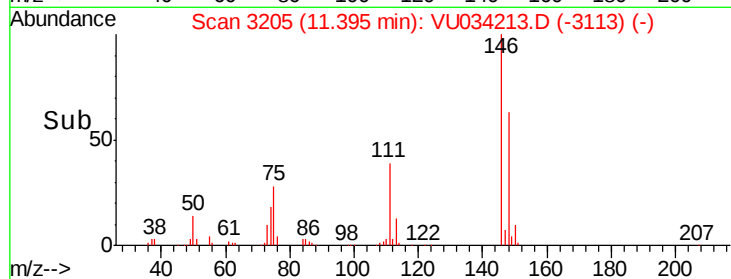
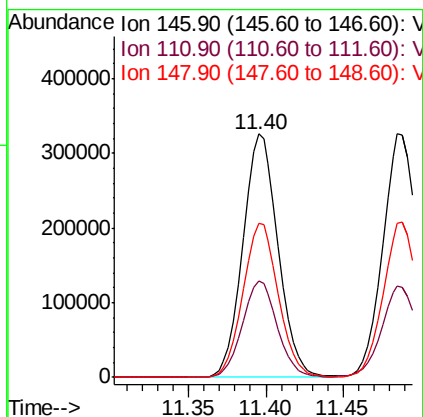
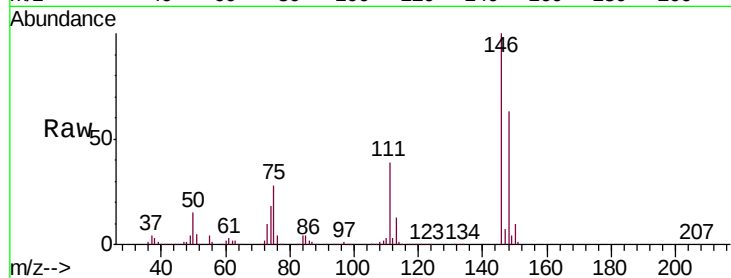




#87
 1,3-Dichlorobenzene
 Concen: 48.286 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

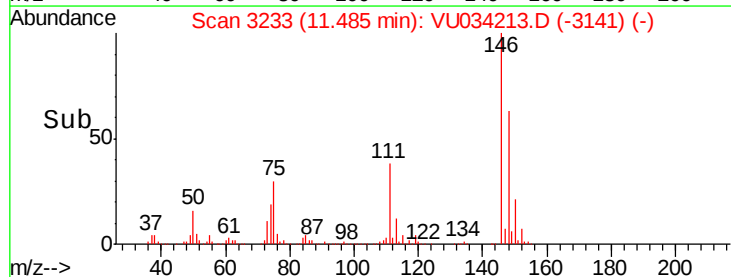
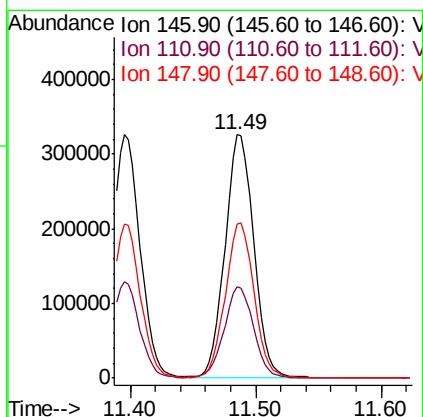
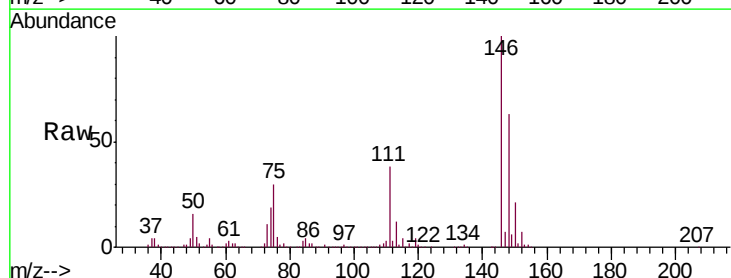
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

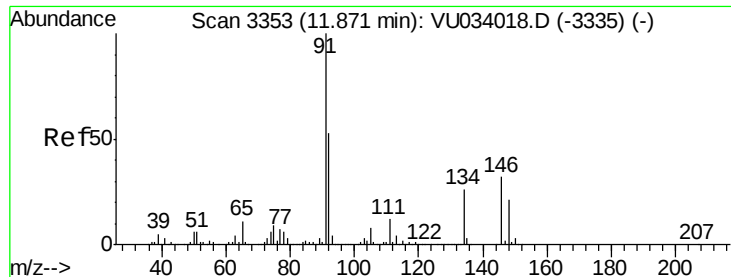
Tgt Ion:146 Resp: 515323
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.6
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.039 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion:146 Resp: 518493
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 63.4 31.9 95.9





#89

n-Butylbenzene

Concen: 50.920 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

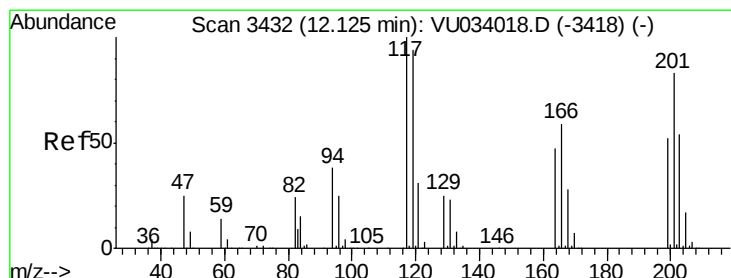
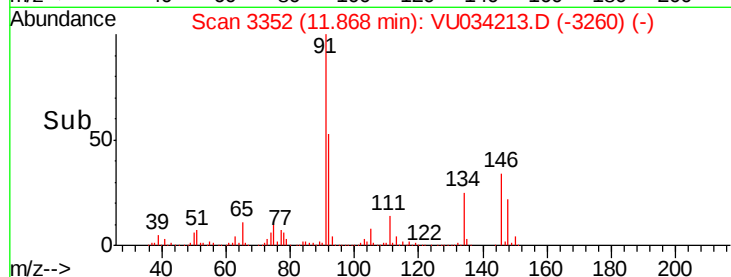
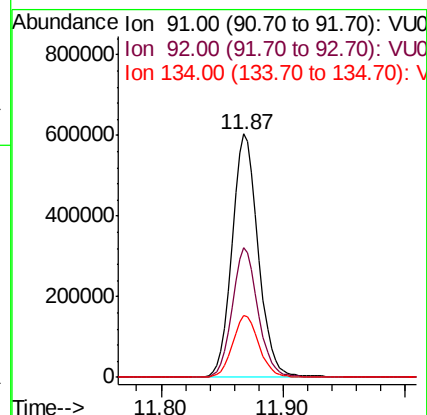
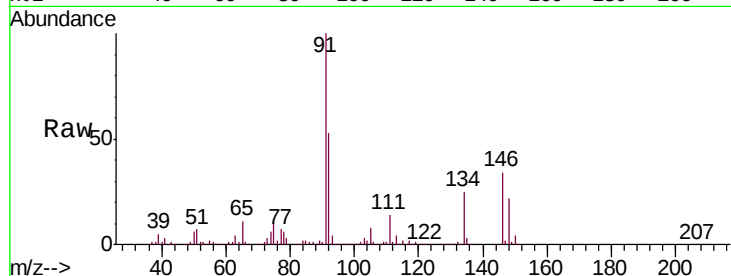
Tgt Ion: 91 Resp: 909924

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 25.5 12.9 38.7



#90

Hexachloroethane

Concen: 42.514 ug/l

RT: 12.13 min Scan# 3432

Delta R.T. 0.00 min

Lab File: VU034213.D

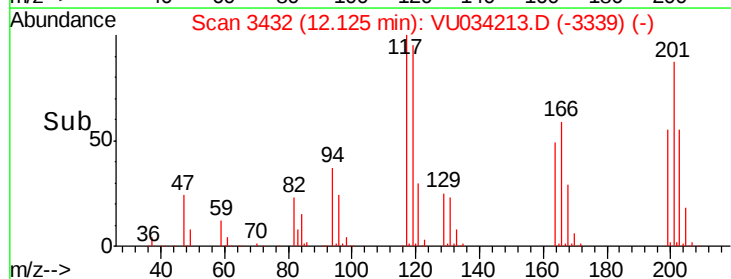
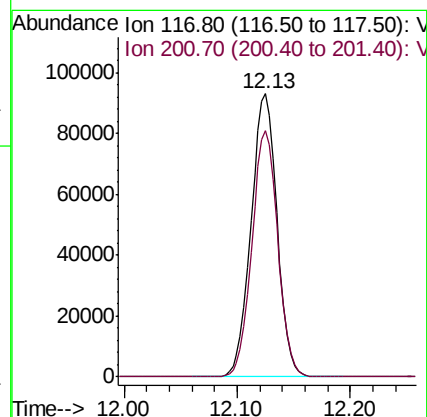
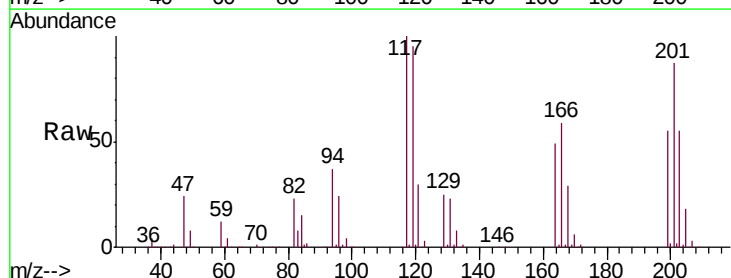
Acq: 03 Sep 2019 09:27

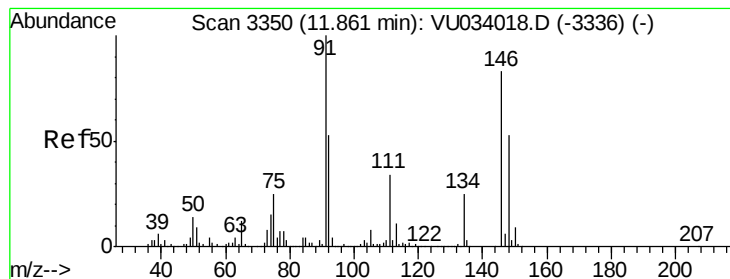
Tgt Ion: 117 Resp: 148980

Ion Ratio Lower Upper

117 100

201 86.5 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 48.504 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

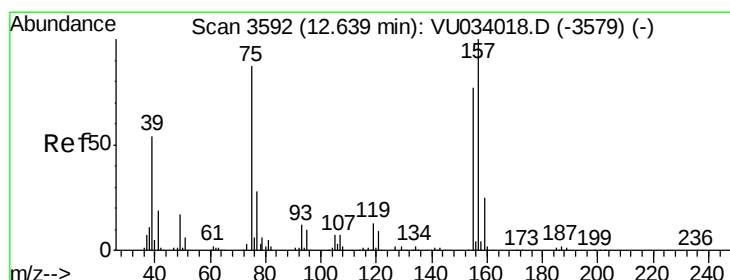
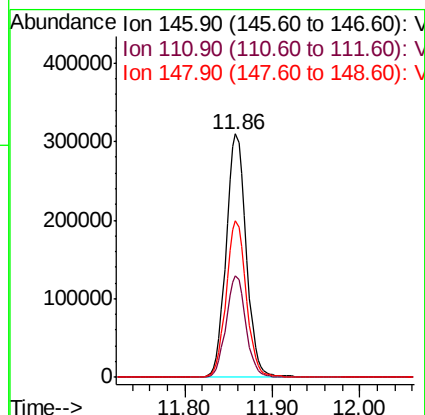
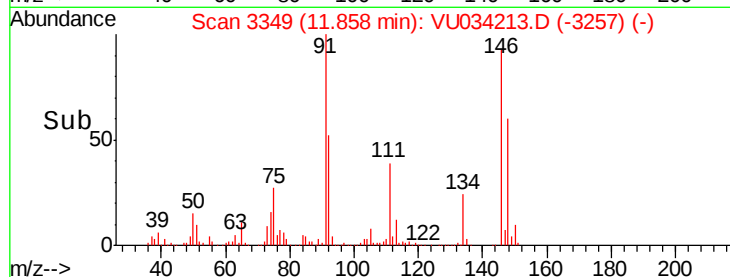
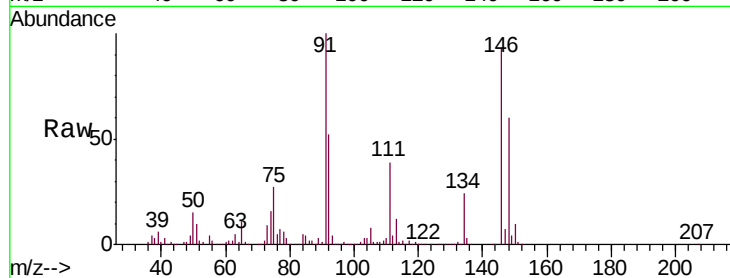
Tgt Ion:146 Resp: 495866

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.2

148 63.9 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.101 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VU034213.D

Acq: 03 Sep 2019 09:27

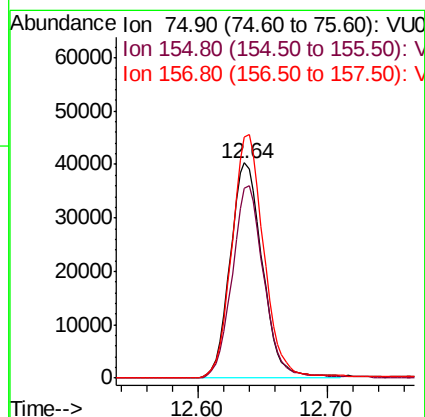
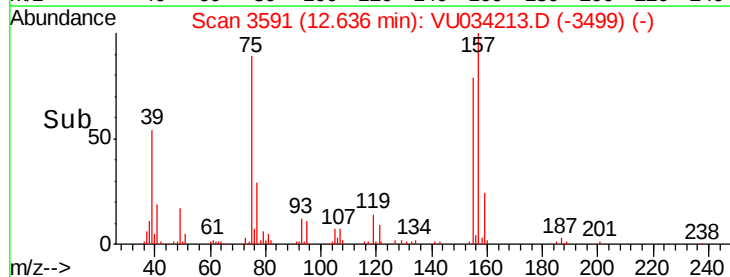
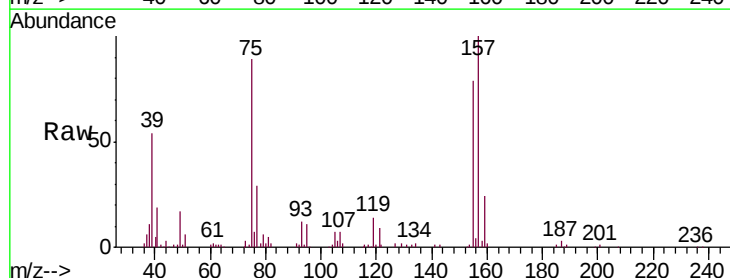
Tgt Ion: 75 Resp: 70232

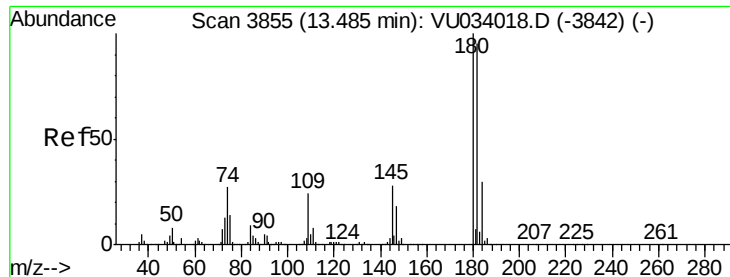
Ion Ratio Lower Upper

75 100

155 87.3 43.5 130.7

157 112.0 56.9 170.6

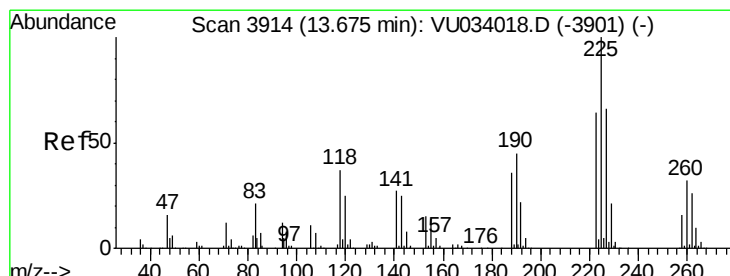
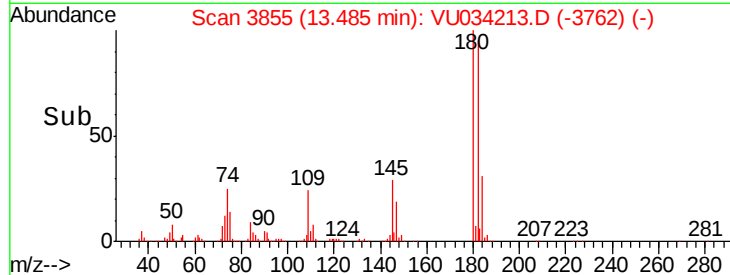
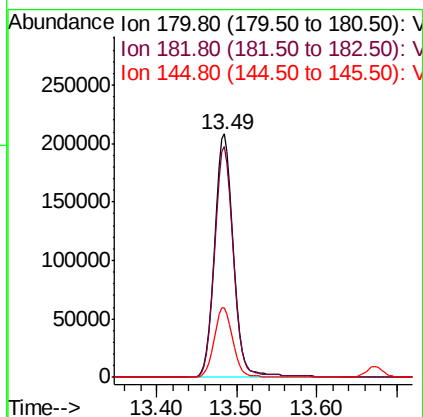
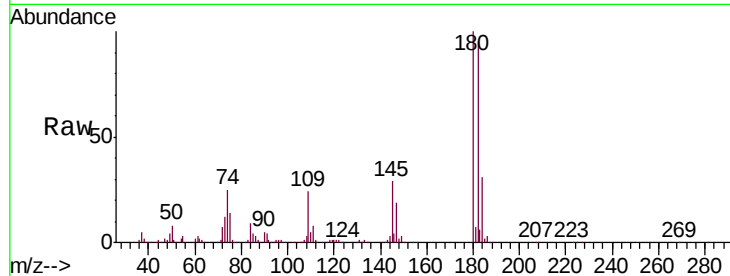




#93
 1,2,4-Trichlorobenzene
 Concen: 47.273 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

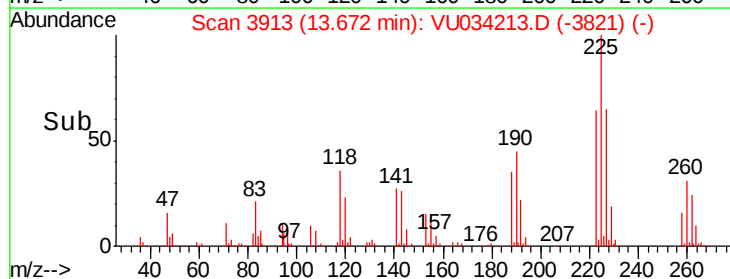
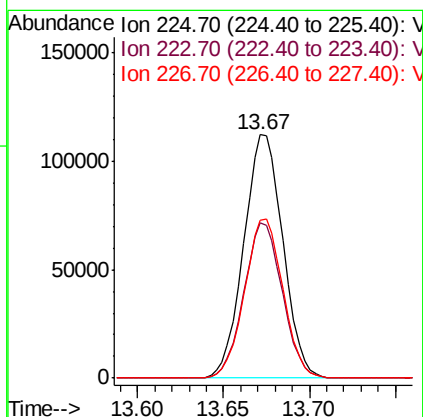
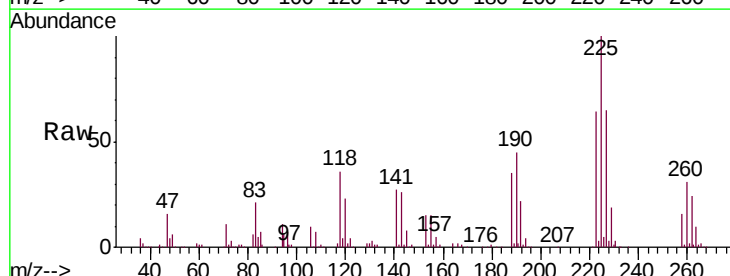
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

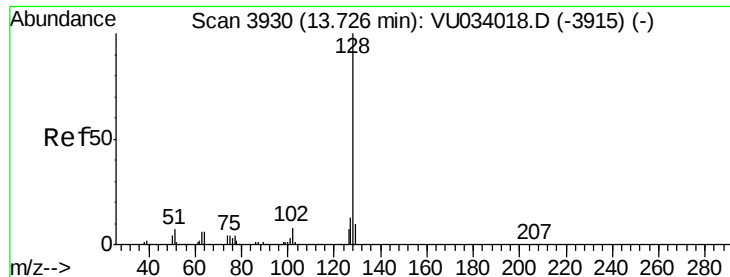
Tgt Ion:180 Resp: 343300
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 44.201 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034213.D
 Acq: 03 Sep 2019 09:27

Tgt Ion:225 Resp: 176771
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.8 95.3
 227 64.4 32.6 97.8

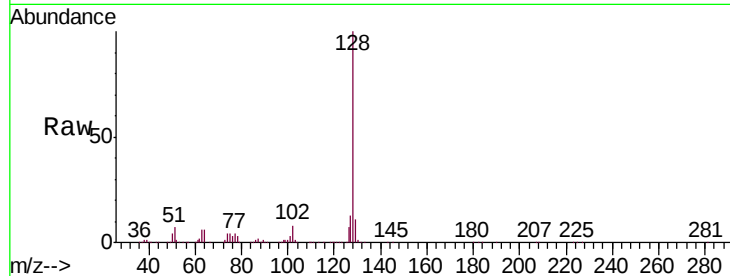




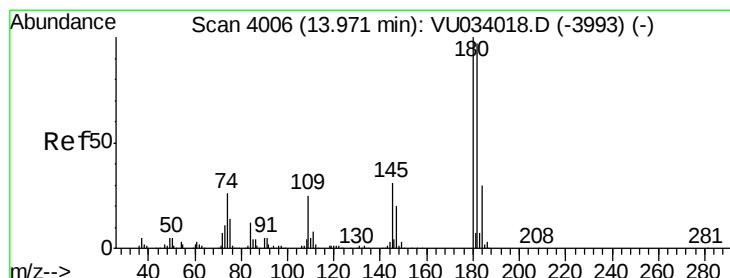
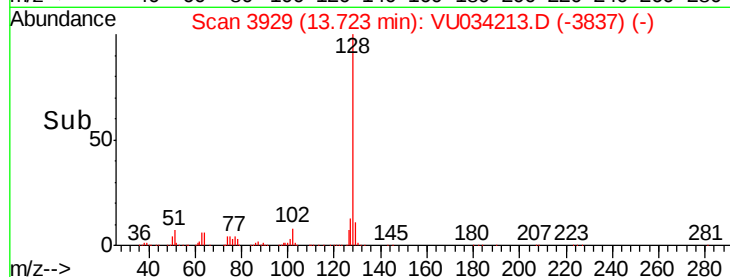
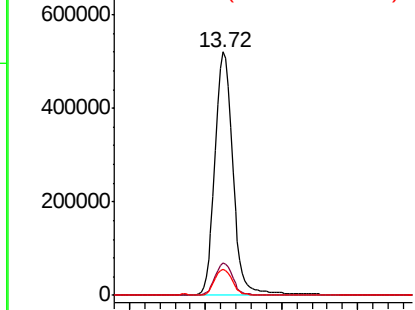
#95
Naphthalene
Concen: 41.659 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 861086
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.5 8.4 12.6

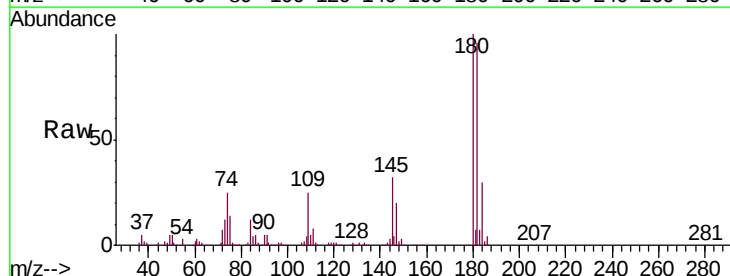


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.013 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034213.D
Acq: 03 Sep 2019 09:27

Tgt Ion:180 Resp: 327530
Ion Ratio Lower Upper
180 100
182 96.5 48.2 144.6
145 31.2 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

