

Data File : VU034241.D
Acq On : 03 Sep 2019 20:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 04 04:29:07 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	383937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	614612	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	589148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	329474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	231357	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	4.86	113	202090	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	7.55	98	773547	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	10.29	95	298746	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	172426	44.655	ug/l	100
3) Chloromethane	1.32	50	218876	42.114	ug/l	100
4) Vinyl Chloride	1.40	62	231088	44.966	ug/l	100
5) Bromomethane	1.61	94	127408	51.701	ug/l	99
6) Chloroethane	1.69	64	140100	44.591	ug/l	99
7) Trichlorofluoromethane	1.88	101	284180	47.723	ug/l	98
8) Diethyl Ether	2.09	74	125731	49.356	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	176892	46.891	ug/l	98
10) Methyl Iodide	2.40	142	162867	30.435	ug/l	100
11) Tert butyl alcohol	2.81	59	234491	206.696	ug/l	99
12) 1,1-Dichloroethene	2.27	96	180611	46.990	ug/l	100
13) Acrolein	2.18	56	77701	162.813	ug/l	98
14) Allyl chloride	2.58	41	300411	41.570	ug/l	94
15) Acrylonitrile	2.92	53	648792	249.223	ug/l	100
16) Acetone	2.31	43	515726	205.455	ug/l	98
17) Carbon Disulfide	2.47	76	487623	40.085	ug/l	99
18) Methyl Acetate	2.60	43	309021	47.639	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	645839	51.283	ug/l	100
20) Methylene Chloride	2.69	84	225442	47.441	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	196022	46.992	ug/l	99
22) Diisopropyl ether	3.55	45	682656	51.552	ug/l	98
23) Vinyl Acetate	3.50	43	2852837	250.790	ug/l	100
24) 1,1-Dichloroethane	3.43	63	386891	49.487	ug/l	100
25) 2-Butanone	4.24	43	844361	241.777	ug/l	99
26) 2,2-Dichloropropane	4.20	77	281936	44.319	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	228378	48.777	ug/l	99
28) Bromochloromethane	4.52	49	198142	51.442	ug/l	99
29) Tetrahydrofuran	4.61	42	540166	250.808	ug/l	99
30) Chloroform	4.65	83	376576	48.277	ug/l	97
31) Cyclohexane	4.97	56	320984	43.694	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	314715	49.263	ug/l	99
36) 1,1-Dichloropropene	5.12	75	266766	45.888	ug/l	99
37) Ethyl Acetate	4.36	43	308281	47.355	ug/l	99
38) Carbon Tetrachloride	5.11	117	267474	47.665	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	309446	45.162	ug/l	99
40) Benzene	5.37	78	843607	47.963	ug/l	99
41) Methacrylonitrile	4.52	41	171442	51.350	ug/l	99
42) 1,2-Dichloroethane	5.38	62	286831	47.225	ug/l	98
43) Isopropyl Acetate	5.53	43	480151	48.480	ug/l	100
44) Trichloroethene	6.17	130	231896	50.207	ug/l	98
45) 1,2-Dichloropropane	6.41	63	240793	49.732	ug/l	99
46) Dibromomethane	6.54	93	152005	48.729	ug/l	99
47) Bromodichloromethane	6.74	83	301143	49.344	ug/l	100
48) Methyl methacrylate	6.60	41	231091	48.354	ug/l	97
49) 1,4-Dioxane	6.59	88	81660	681.946	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	1634996	239.042	ug/l	99
52) Toluene	7.62	92	536693	49.533	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	325028	47.997	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	356496	48.187	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	228288	49.810	ug/l	99
56) Ethyl methacrylate	8.00	69	334976	44.178	ug/l	99
57) 1,3-Dichloropropane	8.22	76	377721	48.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	572135	225.647	ug/l	99
59) 2-Hexanone	8.34	43	1232836	238.764	ug/l	99
60) Dibromochloromethane	8.46	129	242993	49.392	ug/l	99
61) 1,2-Dibromoethane	8.57	107	228306	47.289	ug/l	98
64) Tetrachloroethene	8.21	164	205834	52.024	ug/l	99
65) Chlorobenzene	9.10	112	594027	48.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	210977	47.990	ug/l	99
67) Ethyl Benzene	9.23	91	1021107	49.684	ug/l	99
68) m/p-Xylenes	9.35	106	788704	100.926	ug/l	100
69) o-Xylene	9.76	106	378544	50.491	ug/l	100
70) Styrene	9.77	104	674100	52.439	ug/l	99
71) Bromoform	9.94	173	183654	48.081	ug/l #	99
73) Isopropylbenzene	10.15	105	1025352	46.332	ug/l	100
74) N-amyl acetate	9.99	43	435301	46.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	377180	44.529	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	409142	55.098	ug/l	86
77) Bromobenzene	10.43	156	273229	45.896	ug/l	99
78) n-propylbenzene	10.57	91	1209786	46.940	ug/l	100
79) 2-Chlorotoluene	10.64	91	708208	45.812	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	892183	47.565	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	409142	185.527	ug/l #	100
82) 4-Chlorotoluene	10.75	91	830919	46.736	ug/l	100
83) tert-Butylbenzene	11.08	119	844972	45.761	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	904478	48.561	ug/l	100
85) sec-Butylbenzene	11.30	105	1020640	46.118	ug/l	100
86) p-Isopropyltoluene	11.46	119	940610	46.993	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	489552	46.450	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	492573	46.213	ug/l	100
89) n-Butylbenzene	11.87	91	841790	47.701	ug/l	100
90) Hexachloroethane	12.12	117	134751	38.939	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	483176	47.859	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	75540	44.765	ug/l	98

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

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VSTDCCC050EC

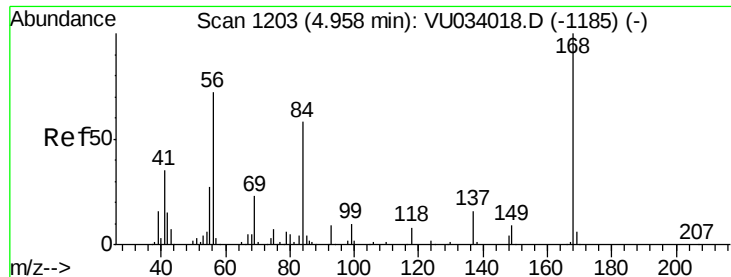
Quant Time: Sep 04 04:29:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	333322	46.497	ug/l	99
94) Hexachlorobutadiene	13.67	225	160199	40.563	ug/l	99
95) Naphthalene	13.72	128	941055	45.911	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	329324	50.921	ug/l	99

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

Quant Time: Sep 04 04:29:07 2019
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

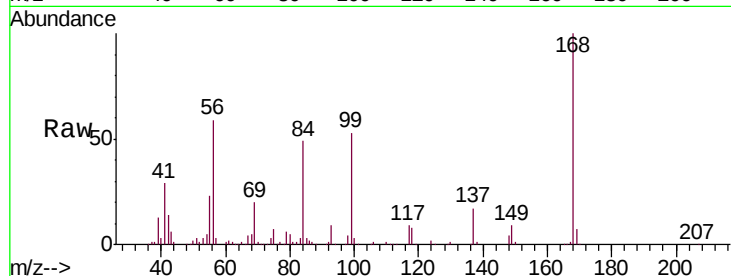
VSTDCCC050EC

Tgt Ion:168 Resp: 383937

Ion Ratio Lower Upper

168 100

99 52.3 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

150000

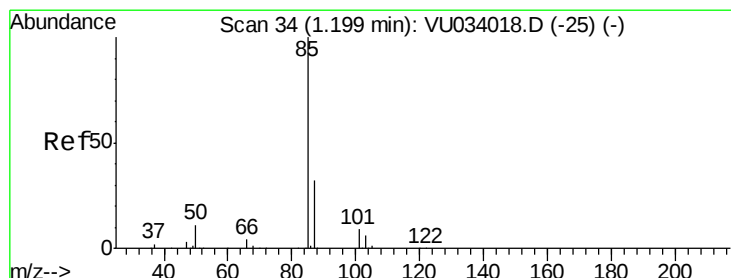
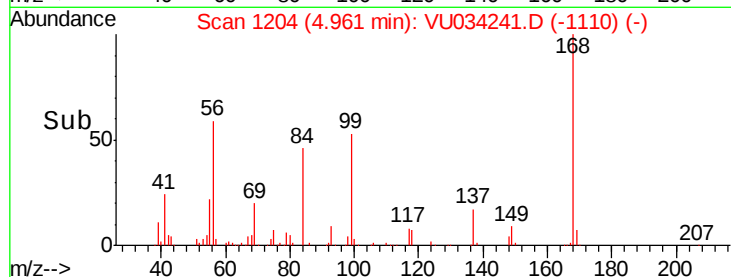
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.655 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034241.D

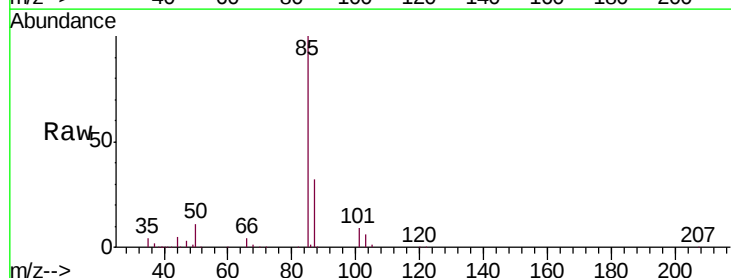
Acq: 03 Sep 2019 20:51

Tgt Ion: 85 Resp: 172426

Ion Ratio Lower Upper

85 100

87 32.2 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

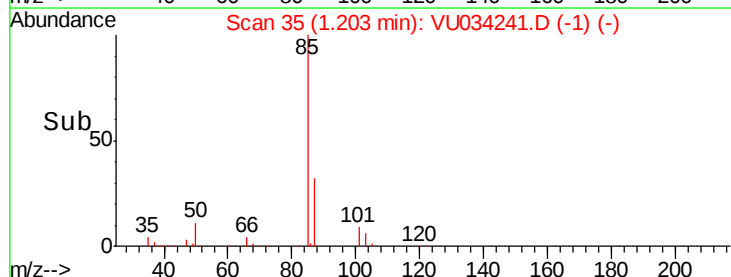
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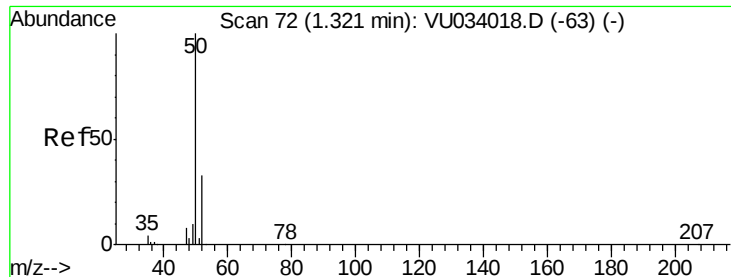
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.114 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

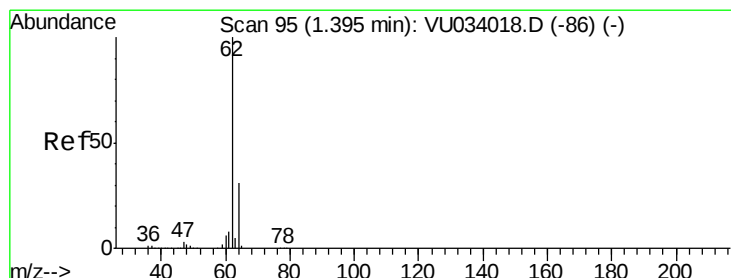
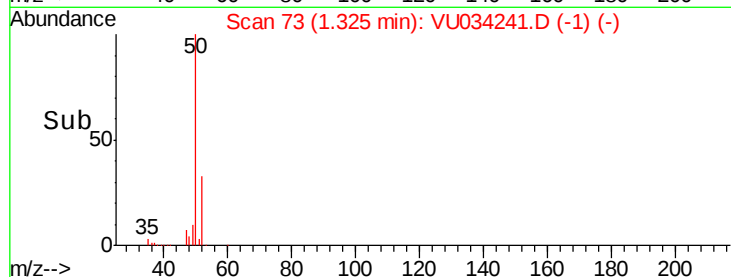
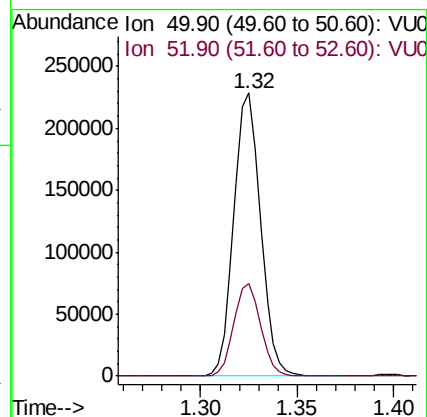
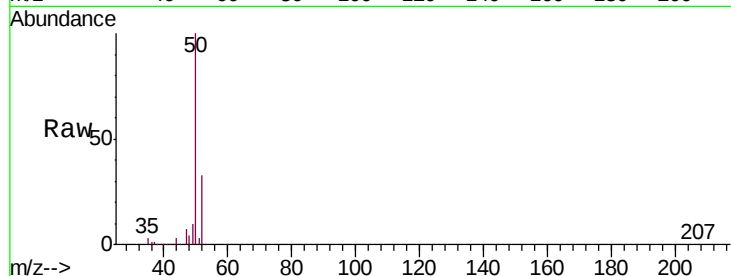
VSTDCCC050EC

Tgt Ion: 50 Resp: 218876

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.4



#4

Vinyl Chloride

Concen: 44.966 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034241.D

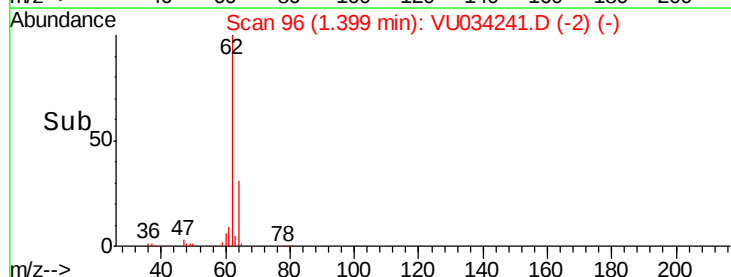
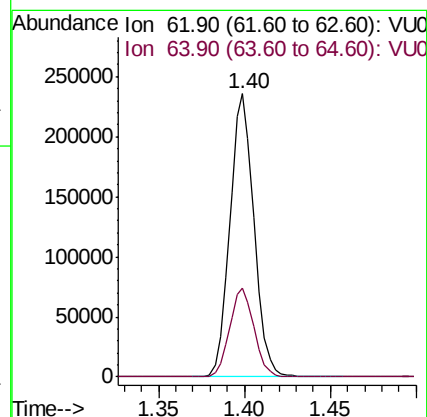
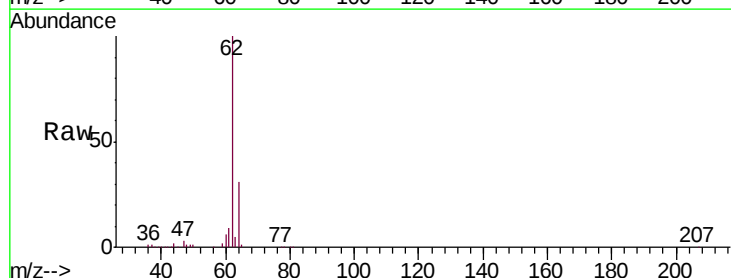
Acq: 03 Sep 2019 20:51

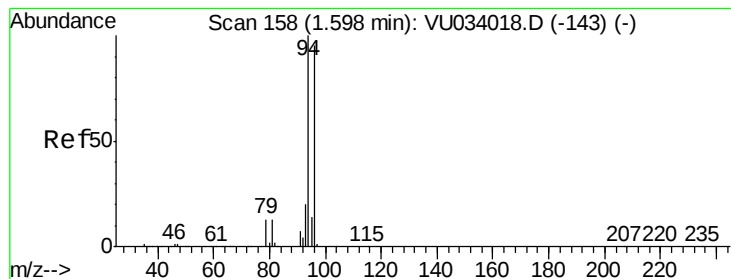
Tgt Ion: 62 Resp: 231088

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.6





#5

Bromomethane

Concen: 51.701 ug/l

RT: 1.61 min Scan# 163

Delta R.T. 0.02 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

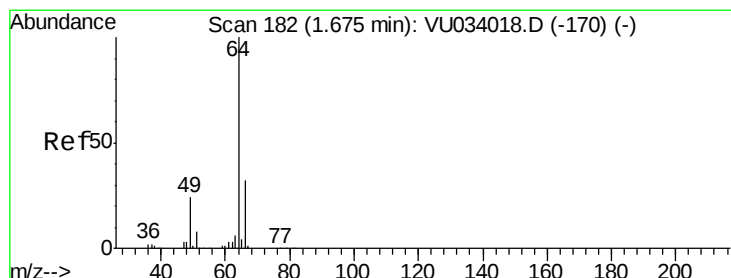
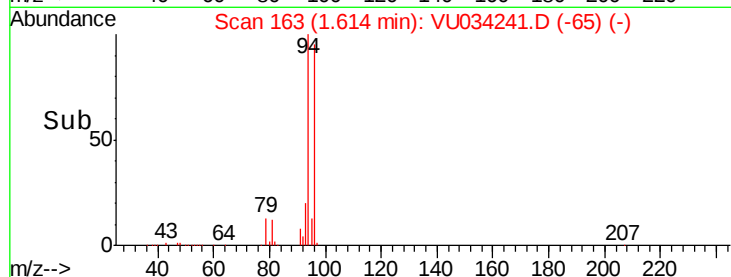
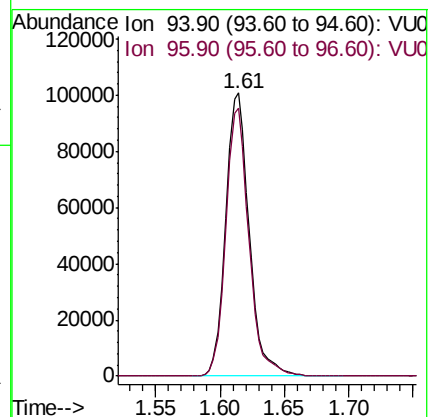
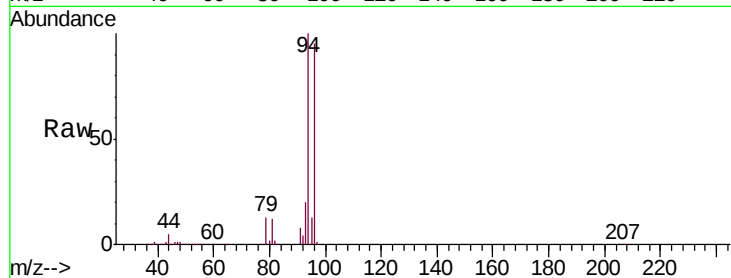
VSTDCCC050EC

Tgt Ion: 94 Resp: 127408

Ion Ratio Lower Upper

94 100

96 94.6 76.3 114.5



#6

Chloroethane

Concen: 44.591 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034241.D

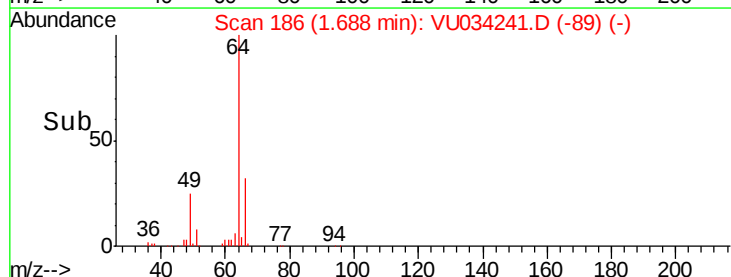
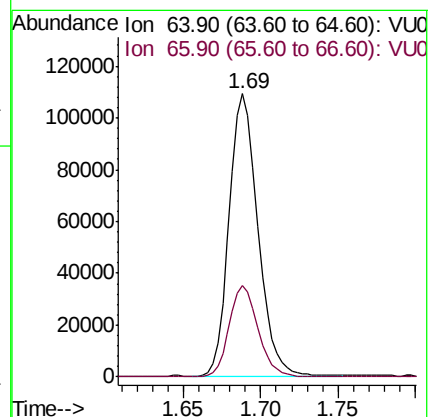
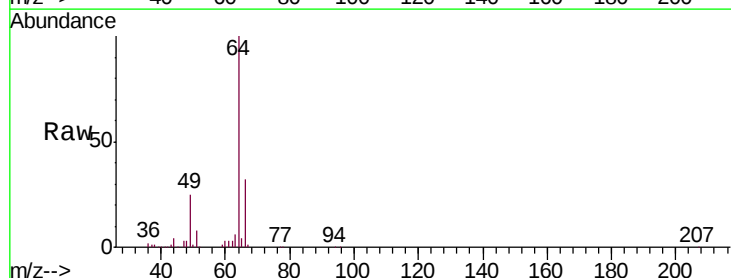
Acq: 03 Sep 2019 20:51

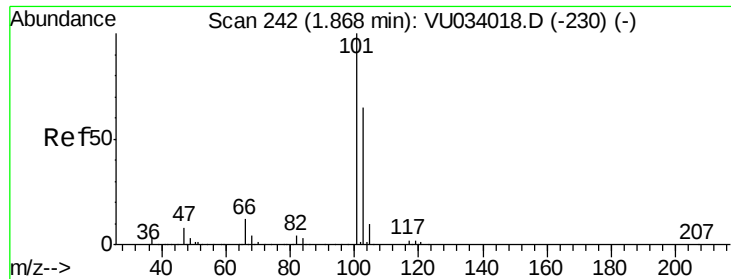
Tgt Ion: 64 Resp: 140100

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



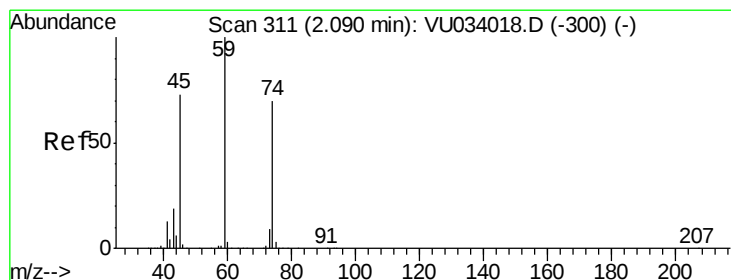
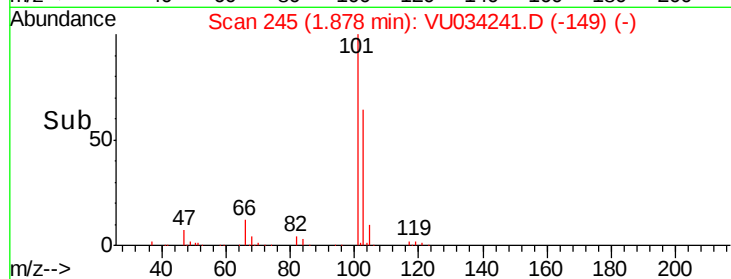
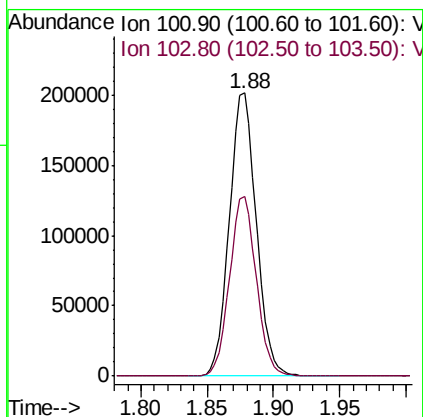
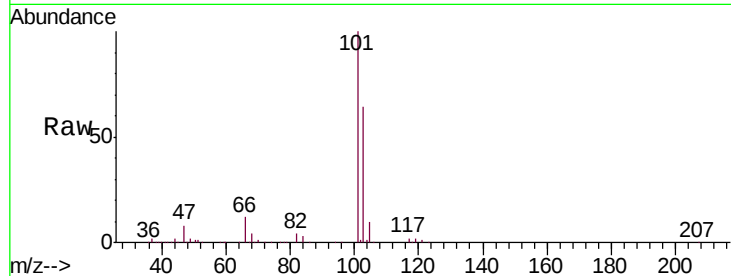


#7

Trichlorofluoromethane
Concen: 47.723 ug/l
RT: 1.88 min Scan# 245
Delta R.T. 0.01 min
Lab File: VU034241.D
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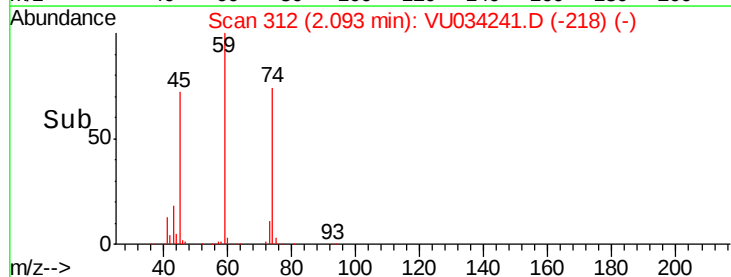
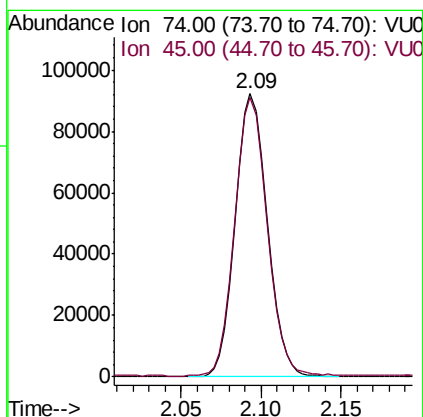
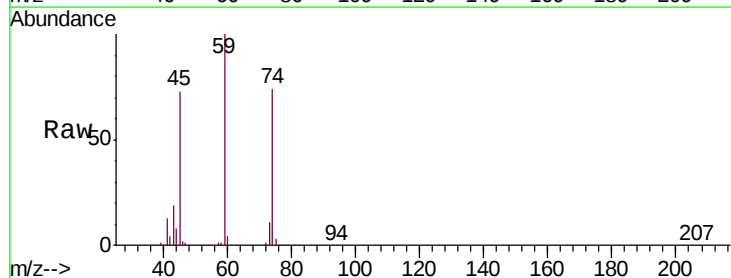
Tgt Ion:101 Resp: 284180
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1



#8

Diethyl Ether
Concen: 49.356 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 74 Resp: 125731
Ion Ratio Lower Upper
74 100
45 99.4 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.891 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

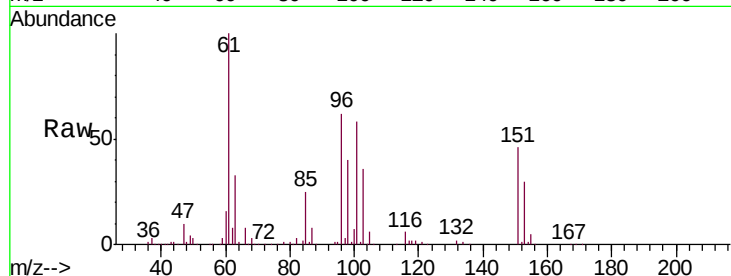
Tgt Ion:101 Resp: 176892

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.2

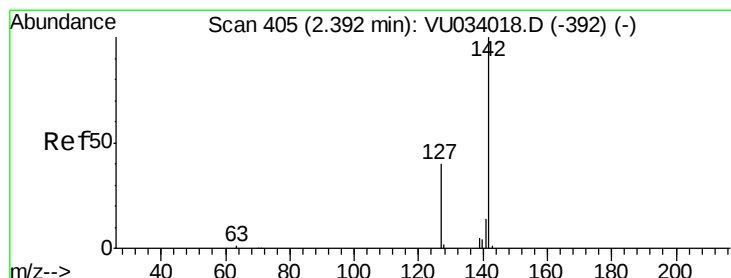
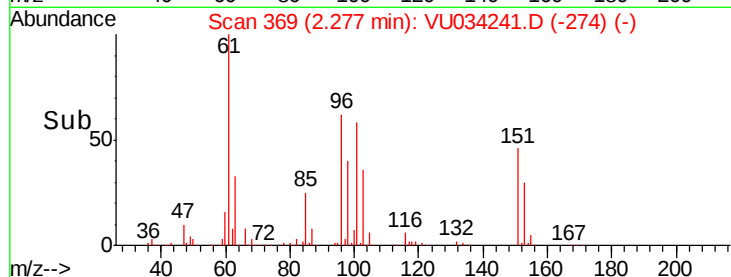
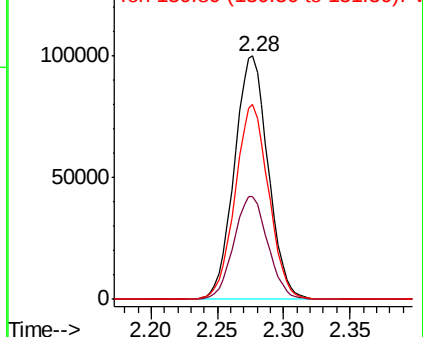
151 79.5 61.4 92.2



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: 30.435 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

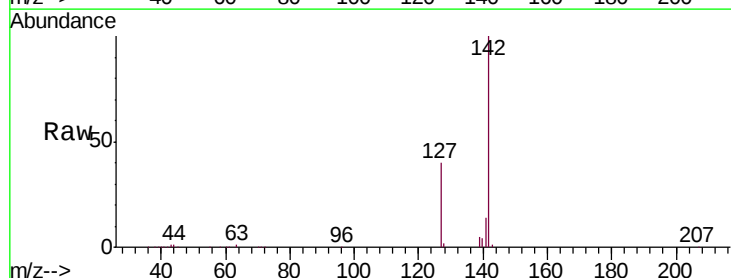
Tgt Ion:142 Resp: 162867

Ion Ratio Lower Upper

142 100

127 40.7 32.6 48.8

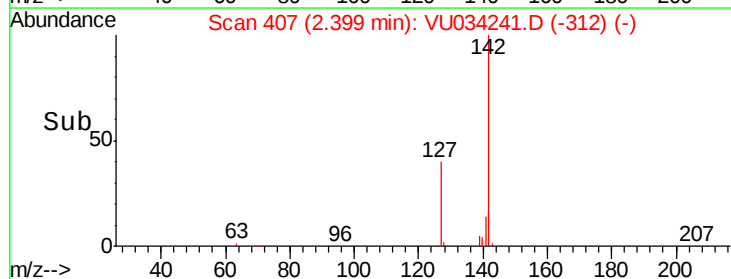
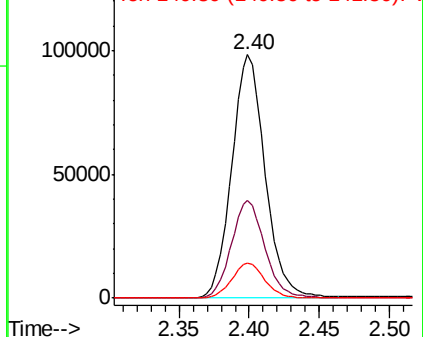
141 14.4 11.3 16.9

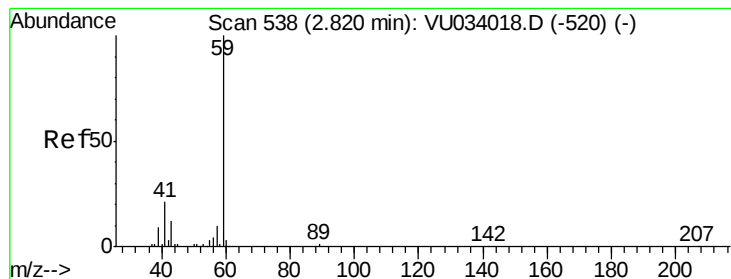


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



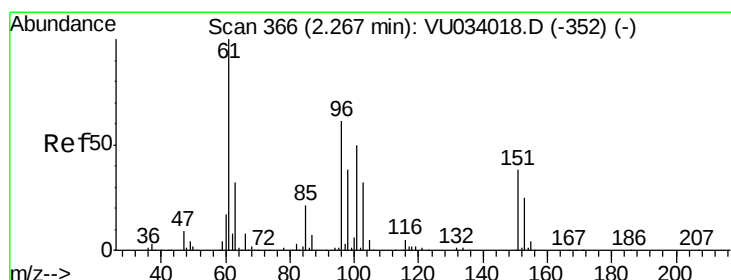
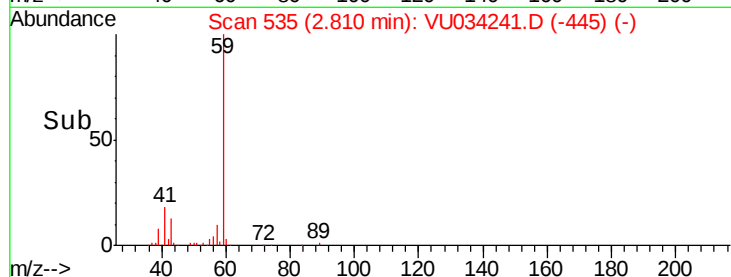
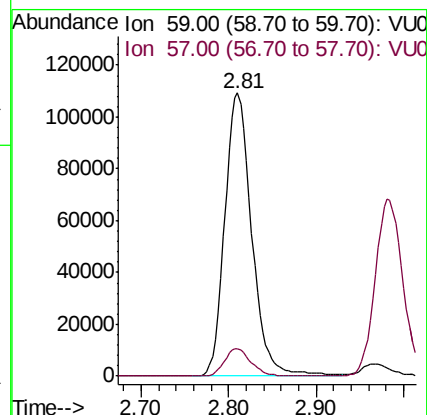
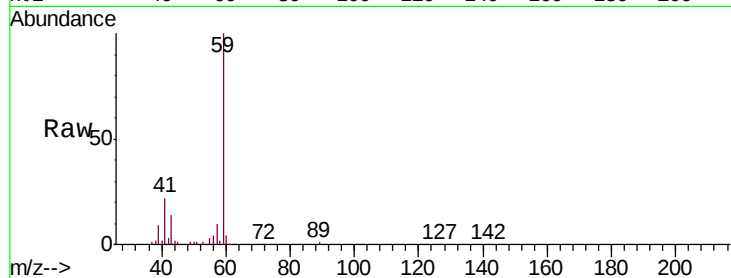


#11

Tert butyl alcohol
 Concen: 206.696 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

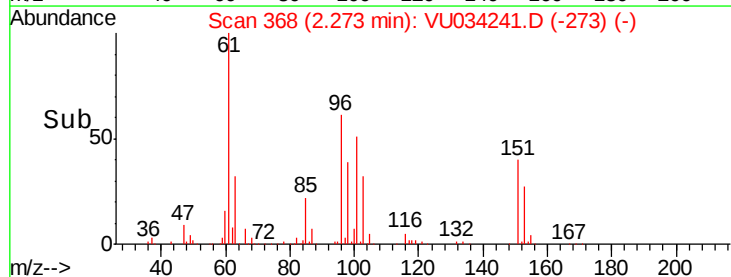
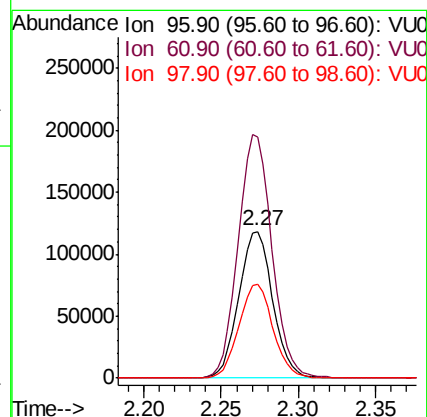
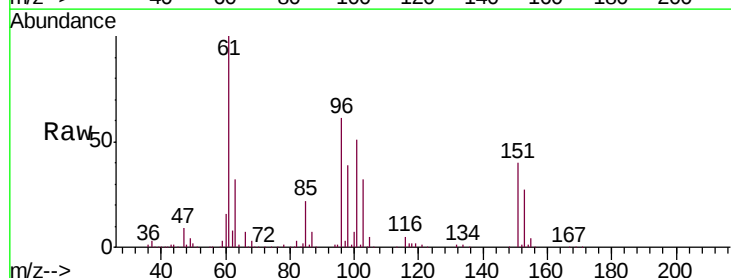
Tgt Ion: 59 Resp: 234491
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.0 12.0

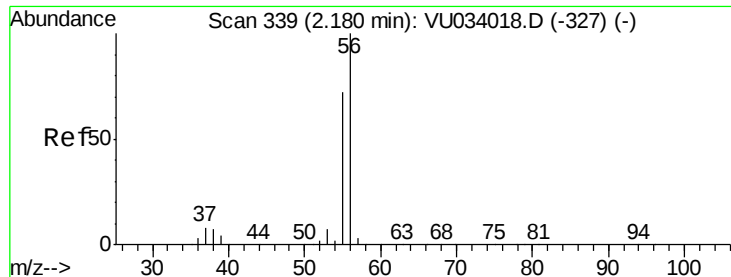


#12

1,1-Dichloroethene
 Concen: 46.990 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion: 96 Resp: 180611
 Ion Ratio Lower Upper
 96 100
 61 164.0 131.3 196.9
 98 64.0 50.3 75.5





#13

Acrolein

Concen: 162.813 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

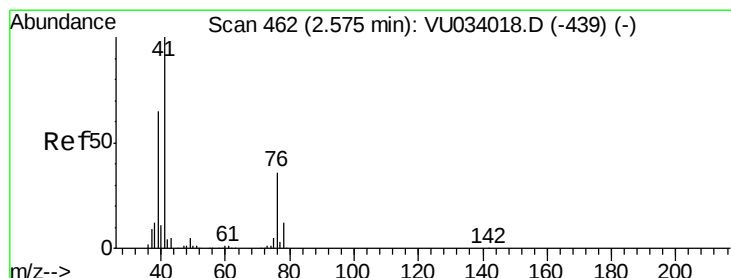
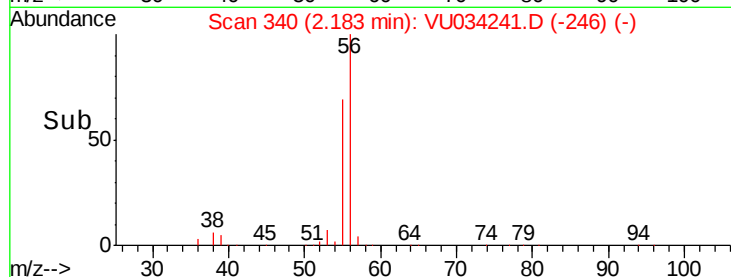
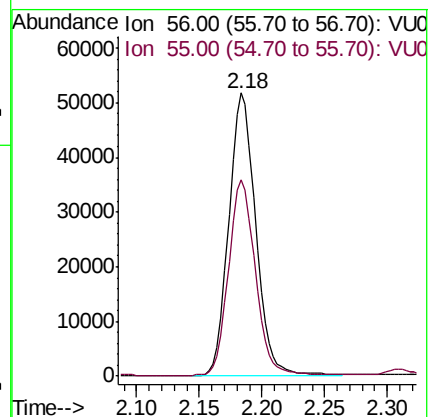
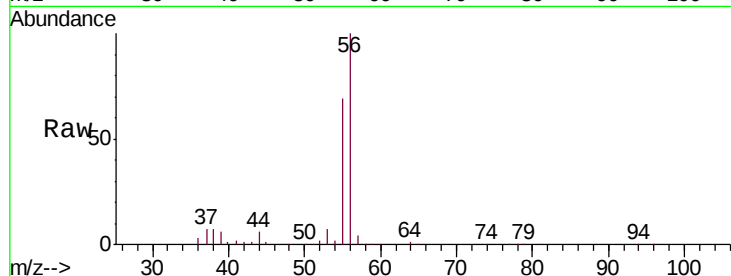
VSTDCCC050EC

Tgt Ion: 56 Resp: 77701

Ion Ratio Lower Upper

56 100

55 69.7 57.1 85.7



#14

Allyl chloride

Concen: 41.570 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

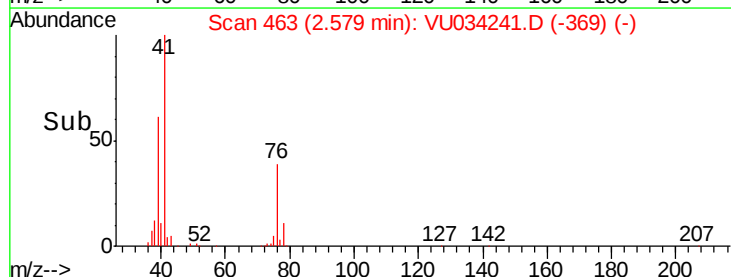
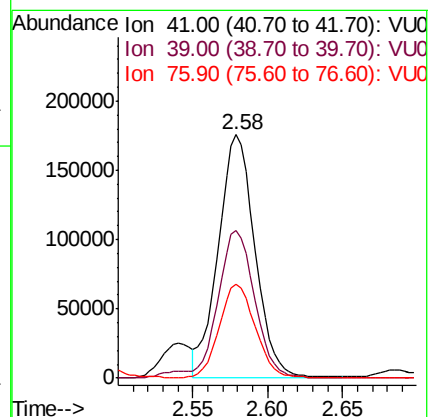
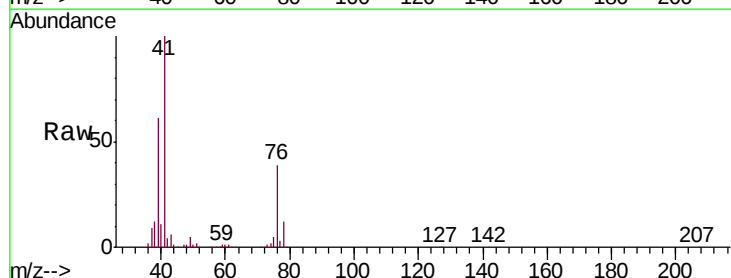
Tgt Ion: 41 Resp: 300411

Ion Ratio Lower Upper

41 100

39 62.2 46.8 70.2

76 37.6 26.6 40.0





#15

Acrylonitrile

Concen: 249.223 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

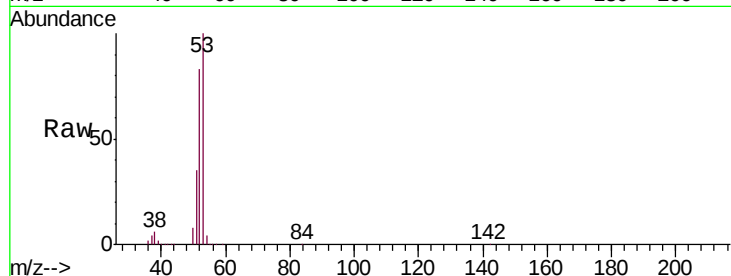
Tgt Ion: 53 Resp: 648792

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

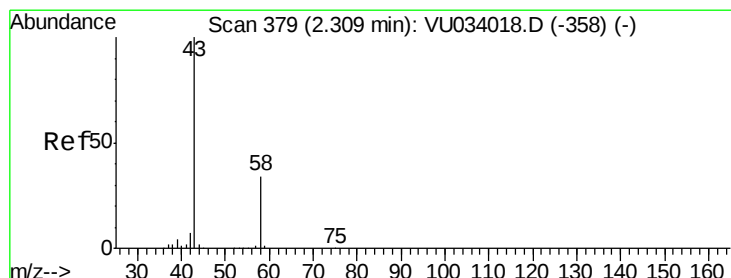
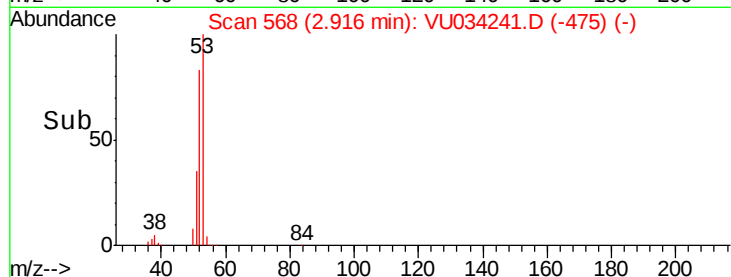
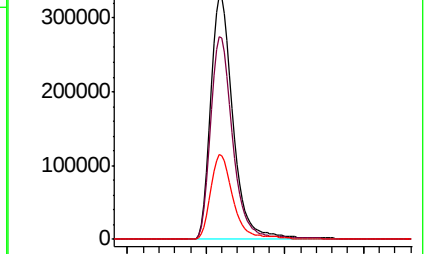
51 35.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034241.D (-286) (-)

Ion 52.00 (51.70 to 52.70): VU034241.D (-286) (-)

Ion 51.00 (50.70 to 51.70): VU034241.D (-286) (-)



#16

Acetone

Concen: 205.455 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034241.D

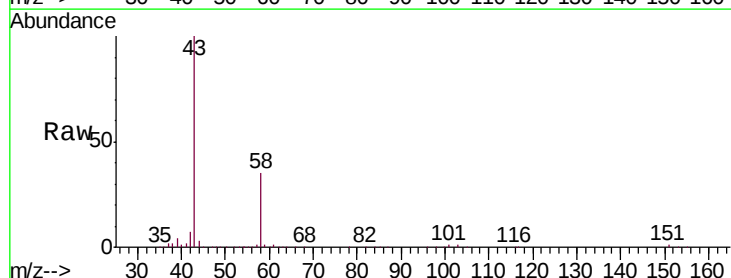
Acq: 03 Sep 2019 20:51

Tgt Ion: 43 Resp: 515726

Ion Ratio Lower Upper

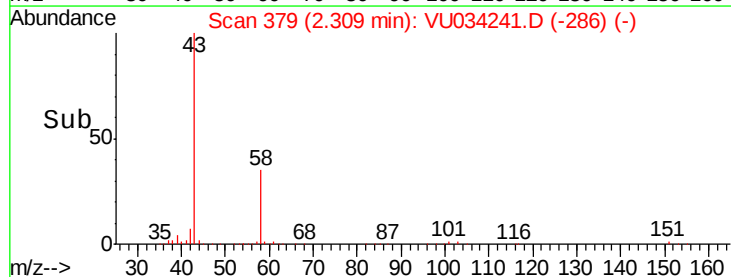
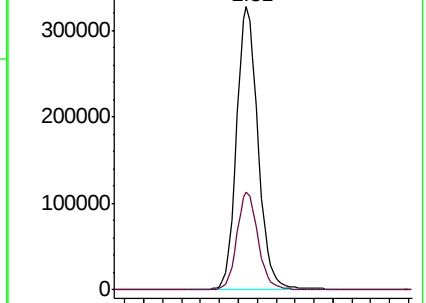
43 100

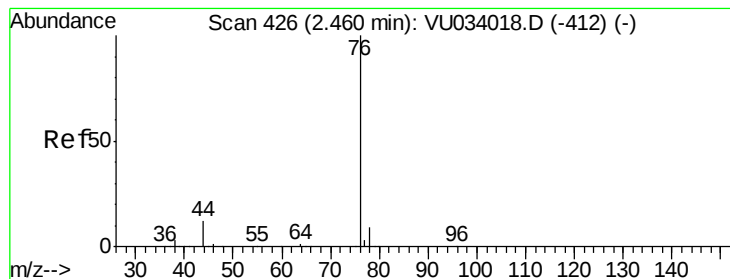
58 34.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034241.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034241.D (-286) (-)





#17

Carbon Disulfide

Concen: 40.085 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

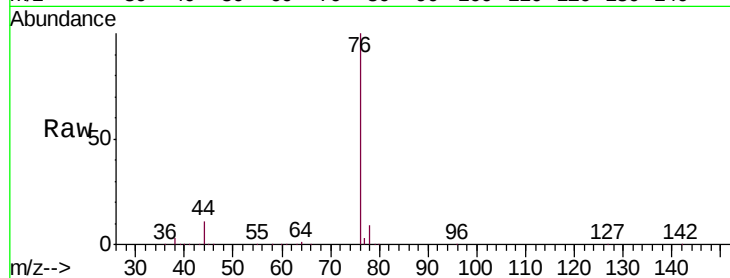
VSTDCCC050EC

Tgt Ion: 76 Resp: 487623

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-412) (-)

2.47

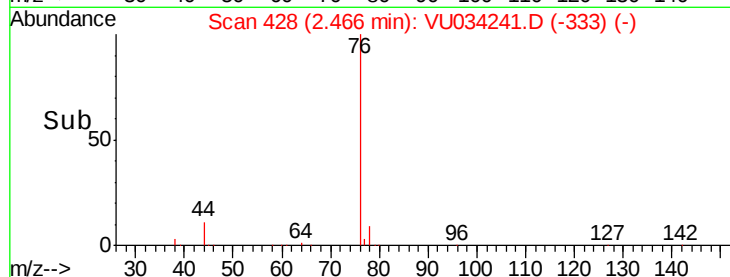
300000

200000

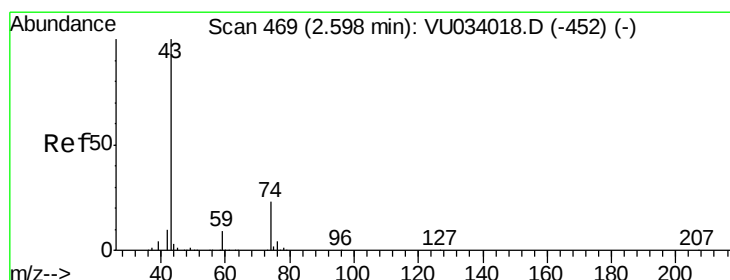
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 47.639 ug/l

RT: 2.60 min Scan# 470

Delta R.T. 0.00 min

Lab File: VU034241.D

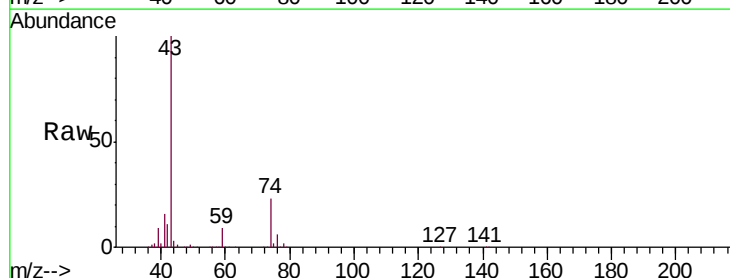
Acq: 03 Sep 2019 20:51

Tgt Ion: 43 Resp: 309021

Ion Ratio Lower Upper

43 100

74 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-452) (-)

Ion 74.00 (73.70 to 74.70): VU034018.D (-452) (-)

2.60

200000

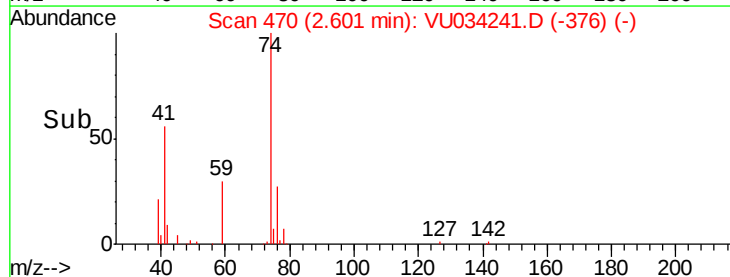
150000

100000

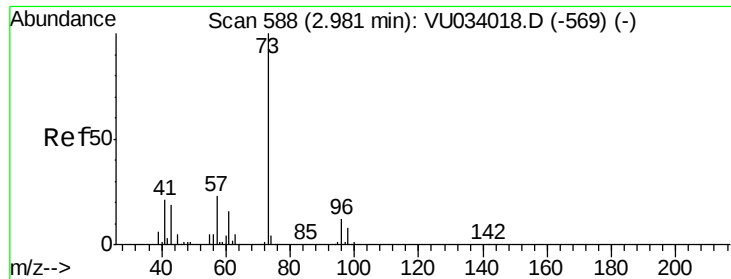
50000

0

Time-->



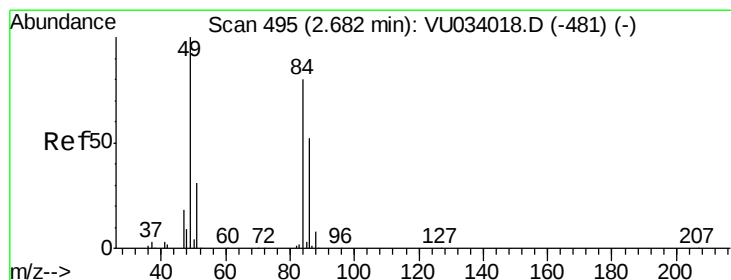
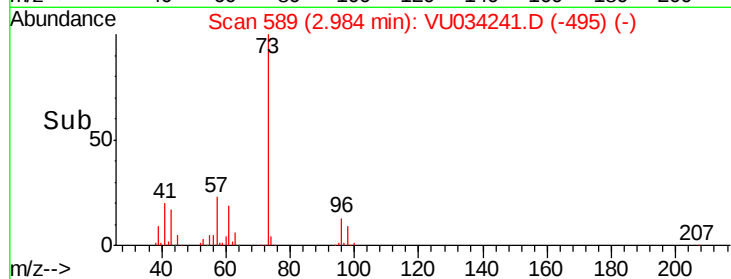
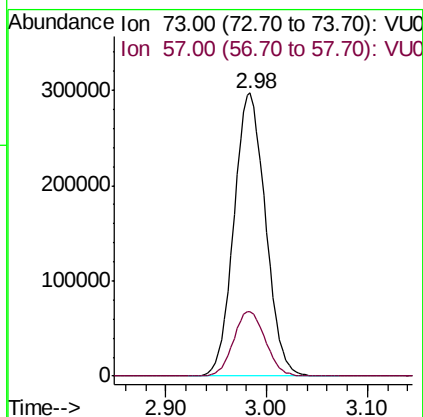
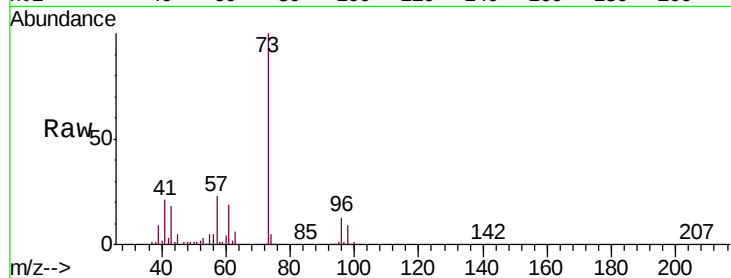
Time-->



#19
Methyl tert-butyl Ether
Concen: 51.283 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

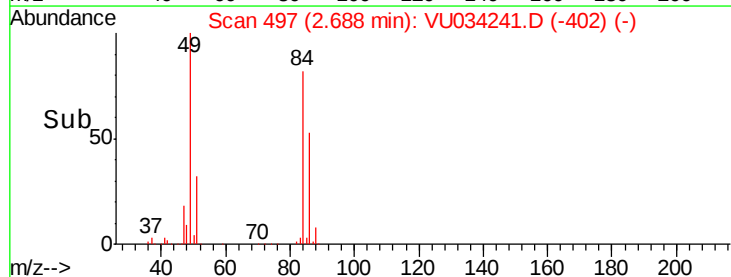
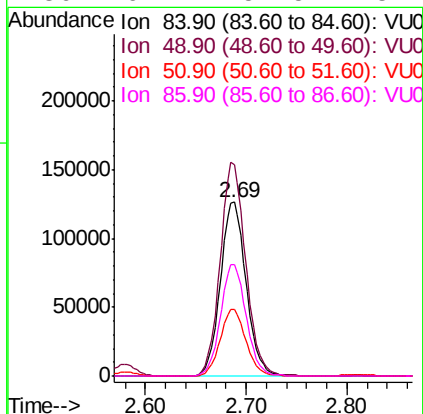
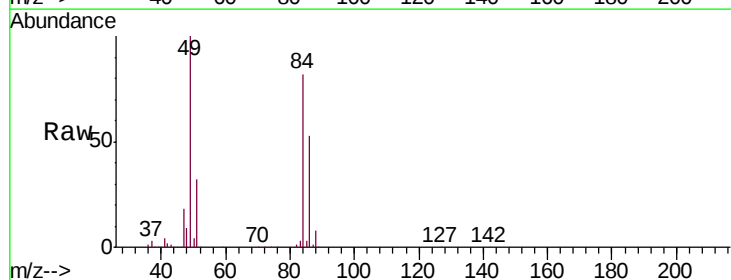
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

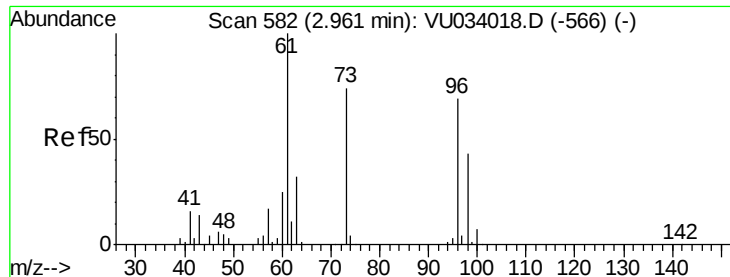
Tgt Ion: 73 Resp: 645839
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 47.441 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 84 Resp: 225442
Ion Ratio Lower Upper
84 100
49 121.8 100.2 150.4
51 38.5 30.8 46.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.992 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

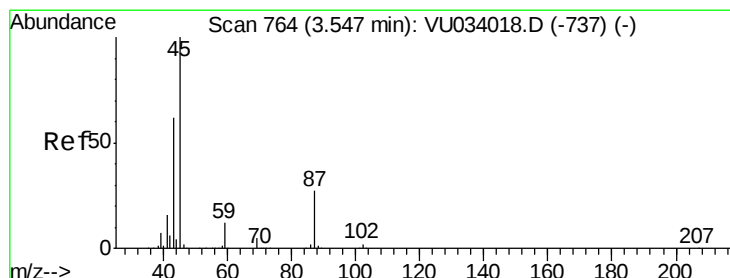
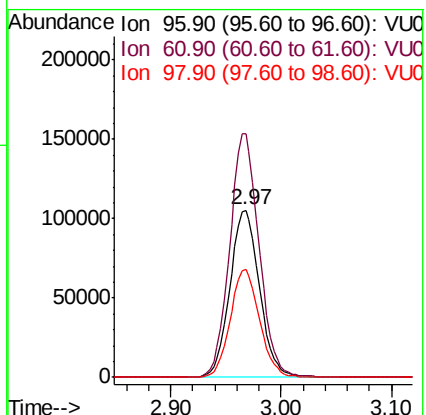
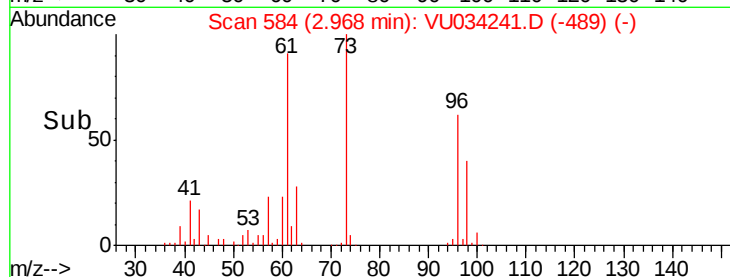
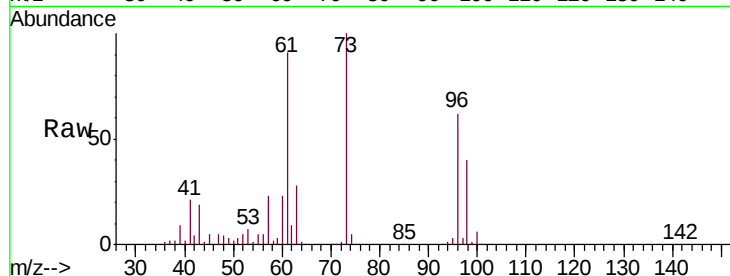
Tgt Ion: 96 Resp: 196022

Ion Ratio Lower Upper

96 100

61 145.7 115.5 173.3

98 64.4 50.1 75.1



#22

Diisopropyl ether

Concen: 51.552 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Tgt Ion: 45 Resp: 682656

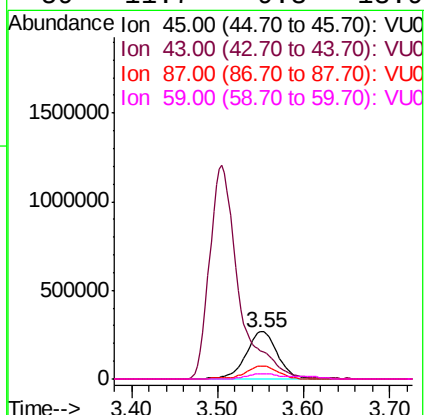
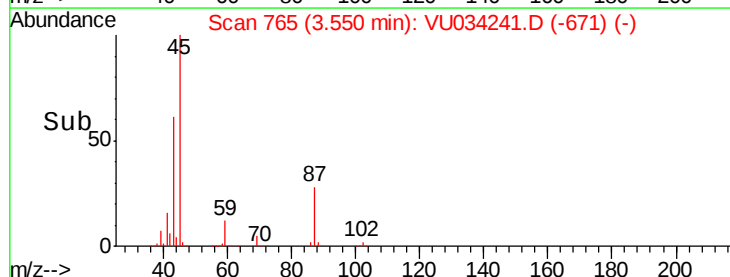
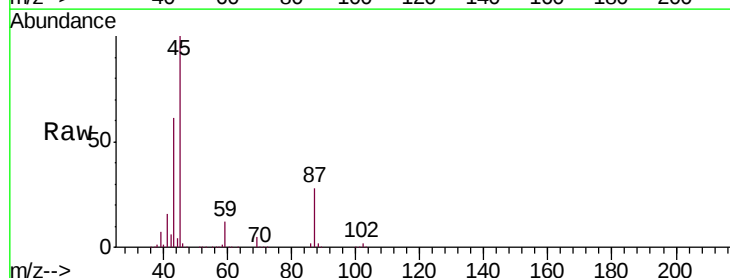
Ion Ratio Lower Upper

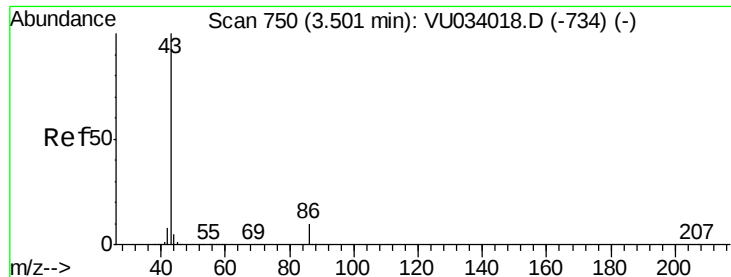
45 100

43 60.0 49.7 74.5

87 27.8 21.8 32.8

59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 250.790 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

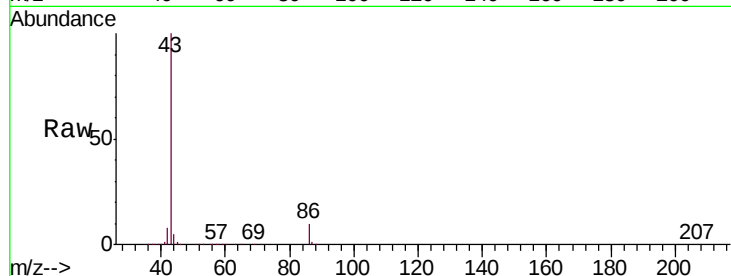
VSTDCCC050EC

Tgt Ion: 43 Resp: 2852837

Ion Ratio Lower Upper

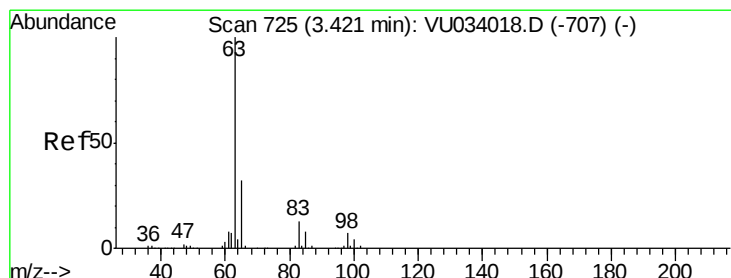
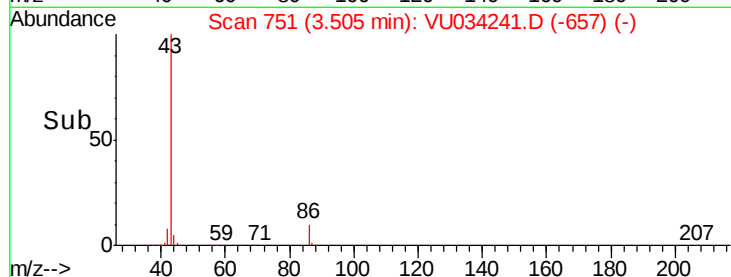
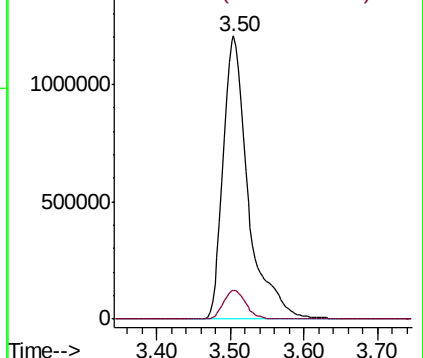
43 100

86 10.3 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: 49.487 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

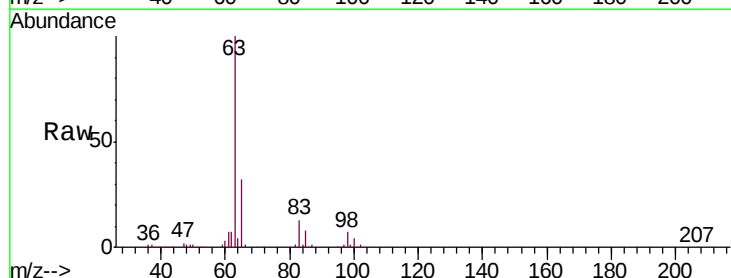
Tgt Ion: 63 Resp: 386891

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

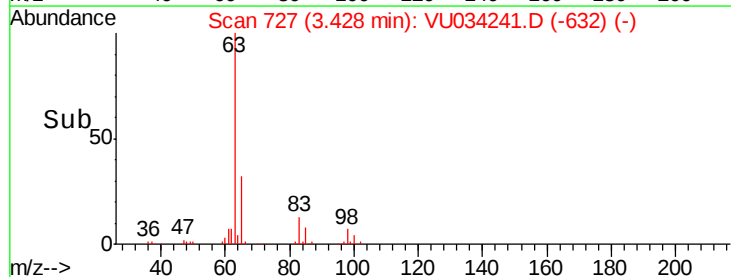
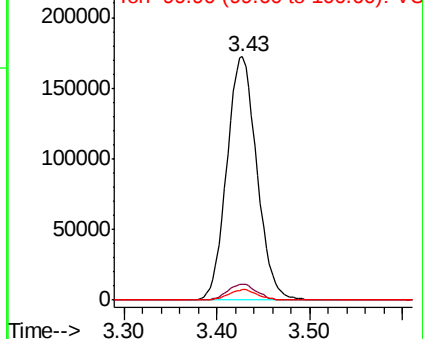
100 4.3 2.0 6.0

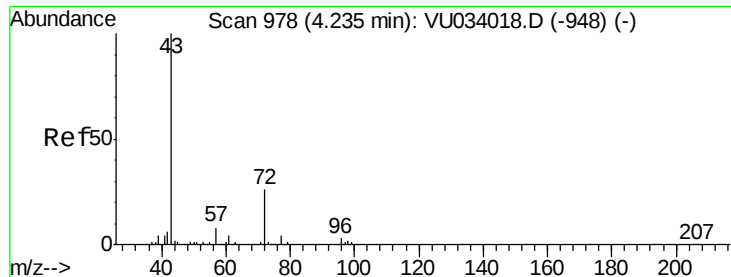


Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

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: 241.777 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

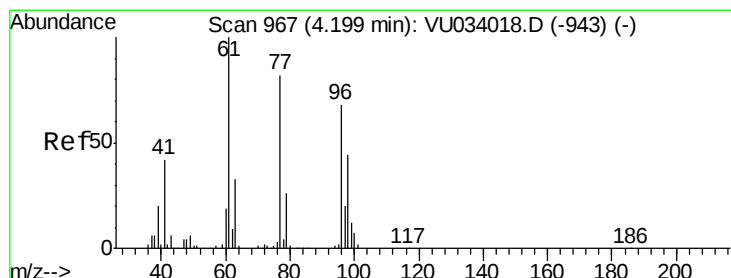
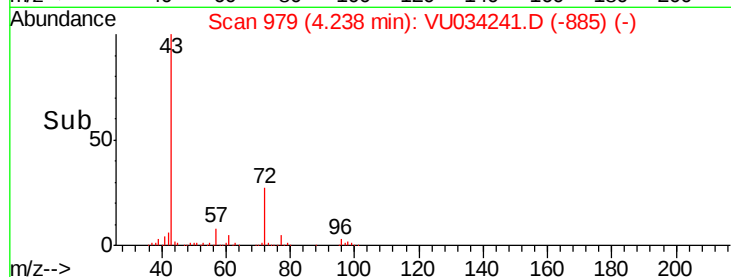
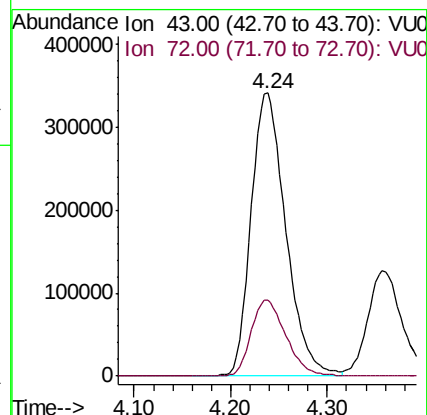
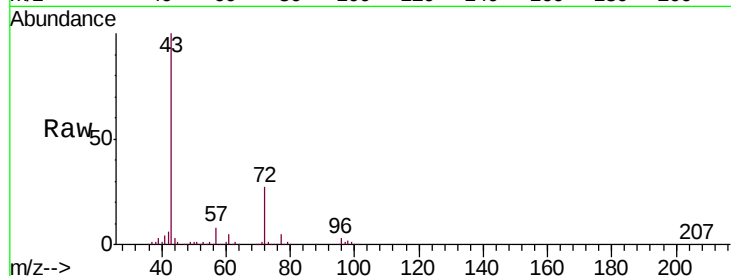
VSTDCCC050EC

Tgt Ion: 43 Resp: 844361

Ion Ratio Lower Upper

43 100

72 27.1 21.2 31.8



#26

2,2-Dichloropropane

Concen: 44.319 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034241.D

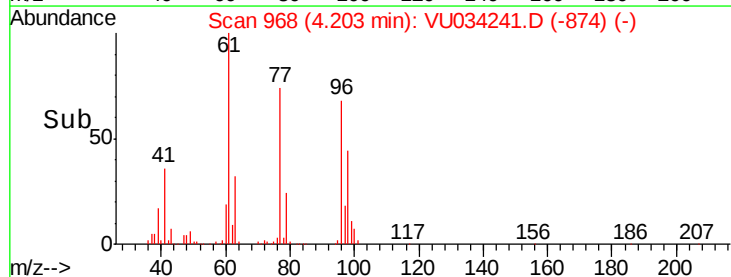
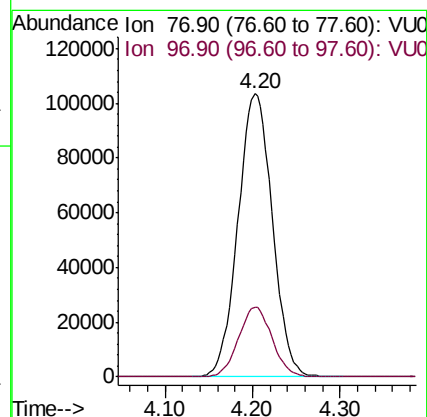
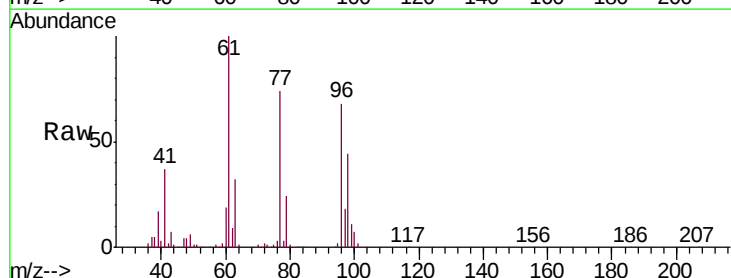
Acq: 03 Sep 2019 20:51

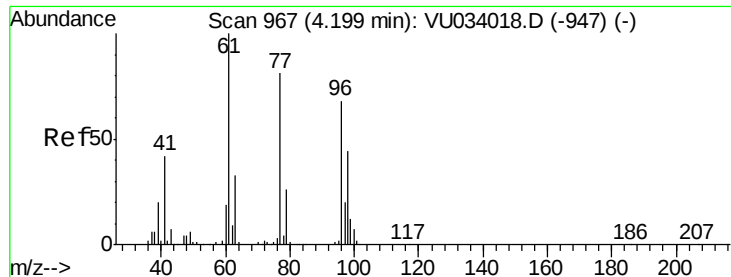
Tgt Ion: 77 Resp: 281936

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.7



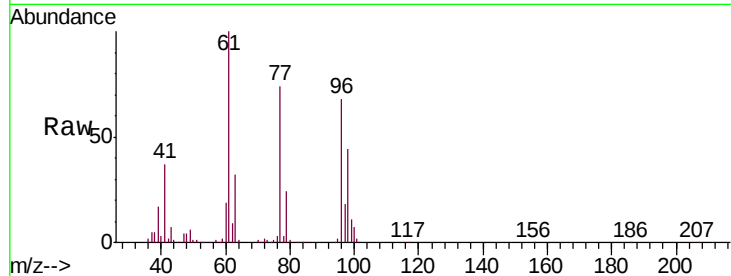


#27

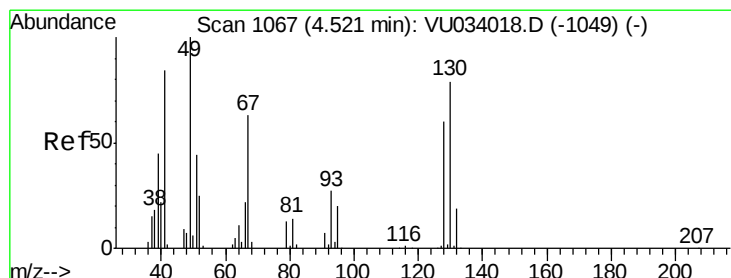
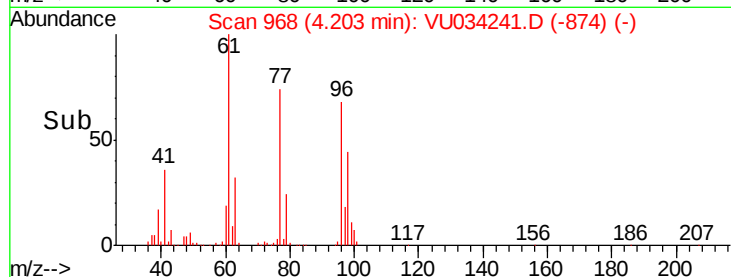
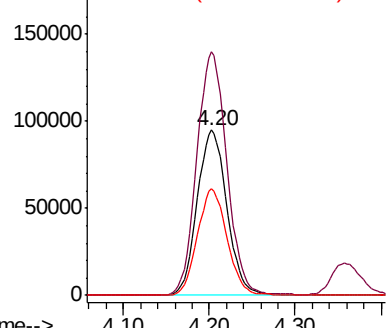
cis-1,2-Dichloroethene
 Concen: 48.777 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 228378
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 303.0
 98 64.5 0.0 129.2



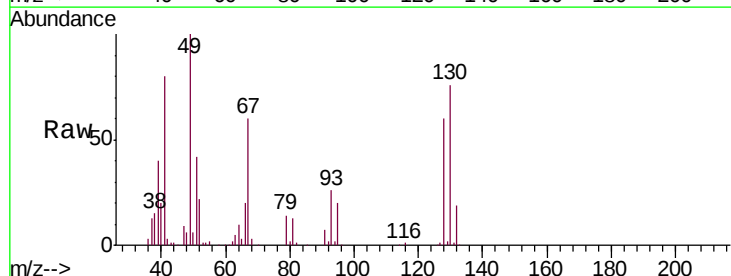
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



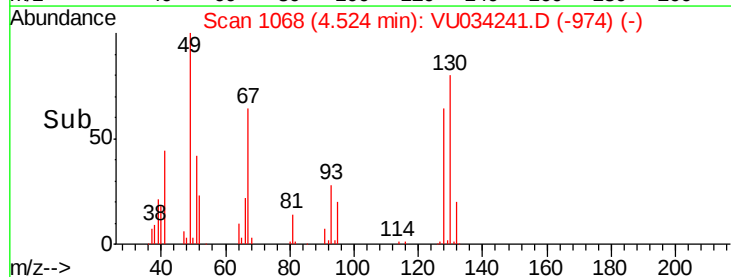
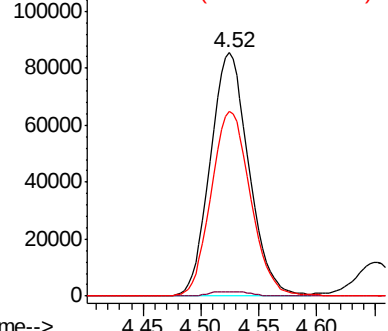
#28

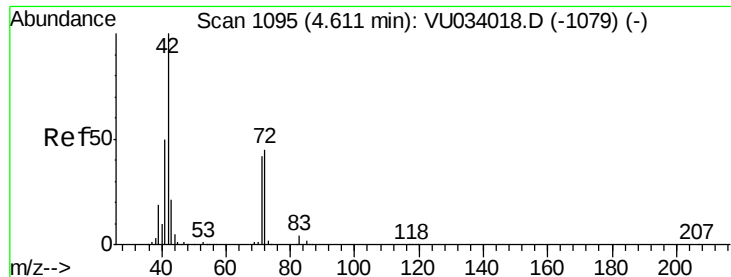
Bromochloromethane
 Concen: 51.442 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion: 49 Resp: 198142
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 77.7 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

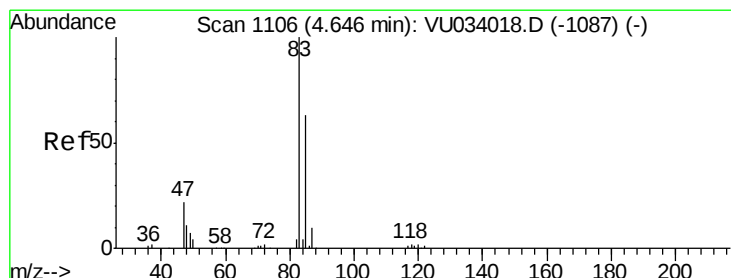
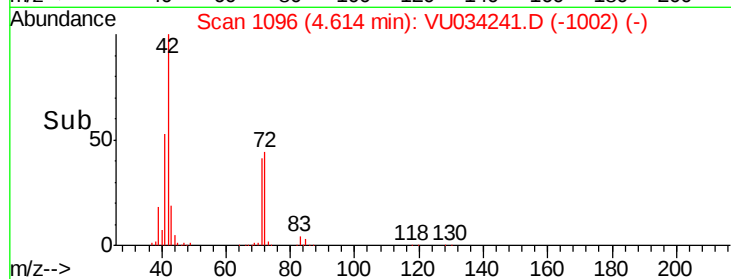
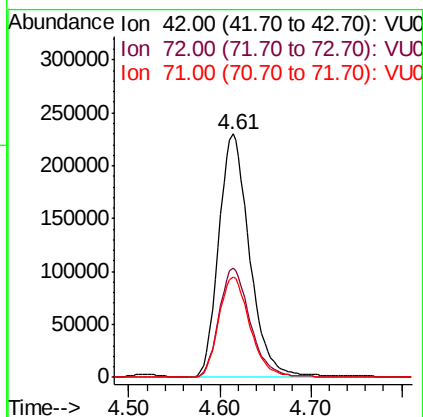
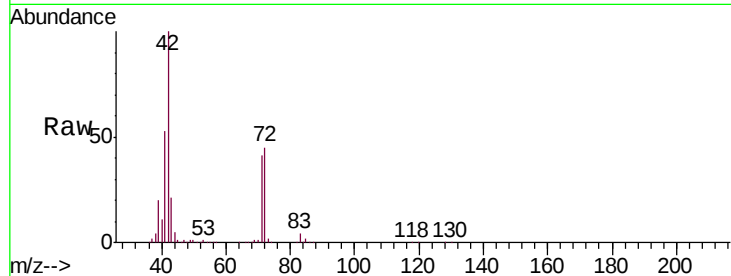




#29
Tetrahydrofuran
Concen: 250.808 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

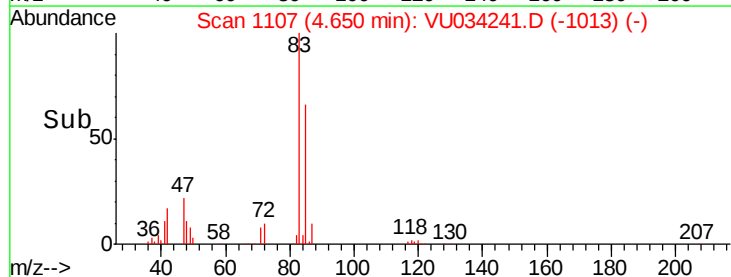
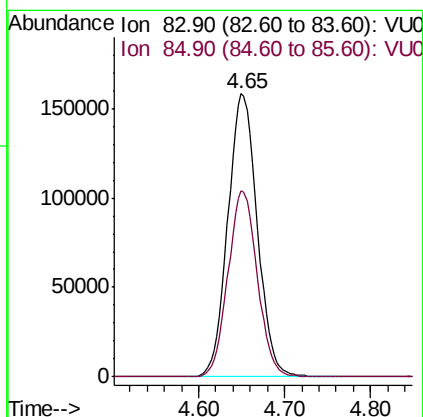
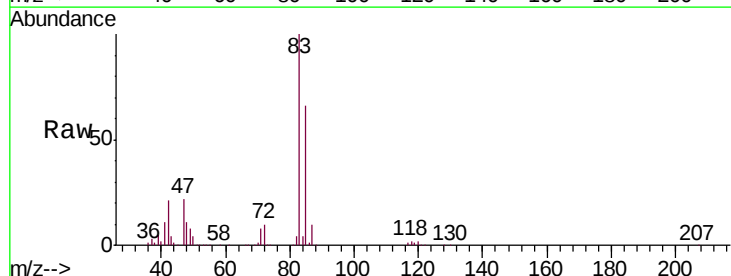
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

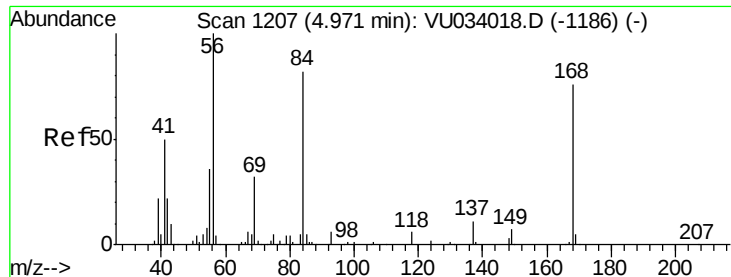
Tgt Ion: 42 Resp: 540166
Ion Ratio Lower Upper
42 100
72 45.7 35.8 53.6
71 42.0 34.0 51.0



#30
Chloroform
Concen: 48.277 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 83 Resp: 376576
Ion Ratio Lower Upper
83 100
85 65.8 50.7 76.1

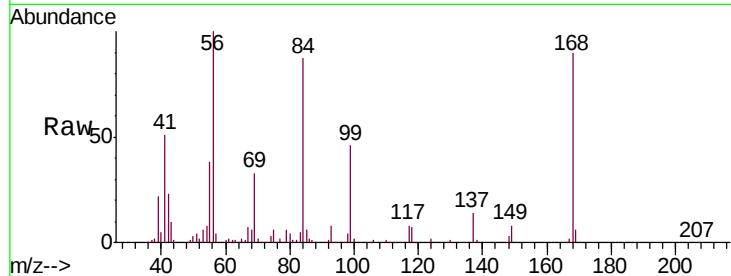




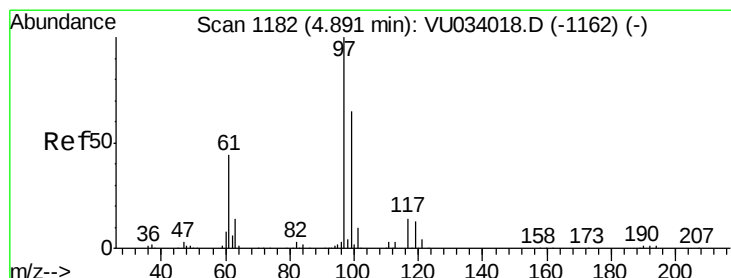
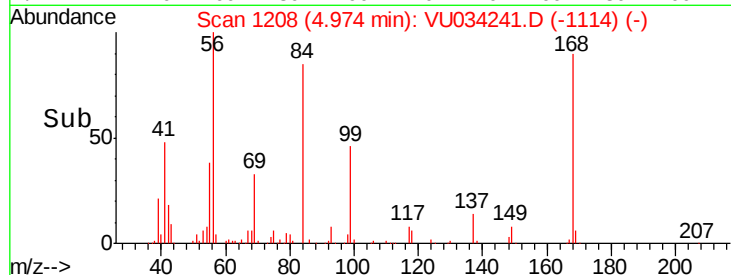
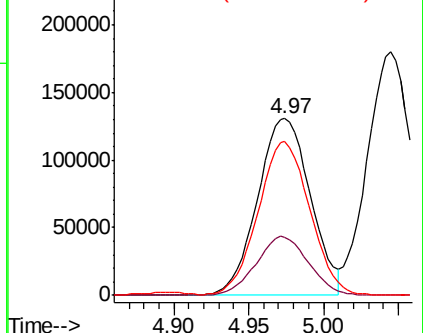
#31
Cyclohexane
Concen: 43.694 ug/l
RT: 4.97 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 320984
Ion Ratio Lower Upper
56 100
69 32.9 25.4 38.0
84 86.0 65.8 98.8

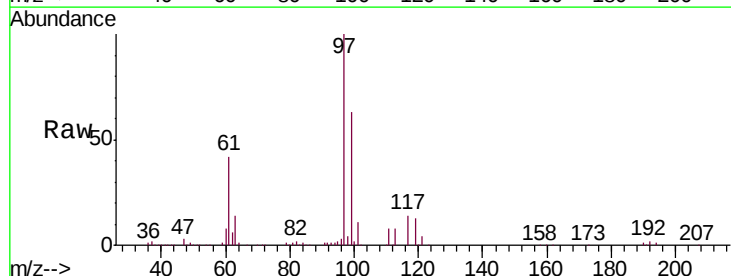


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

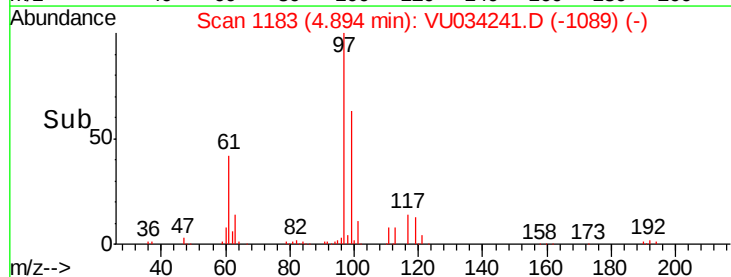
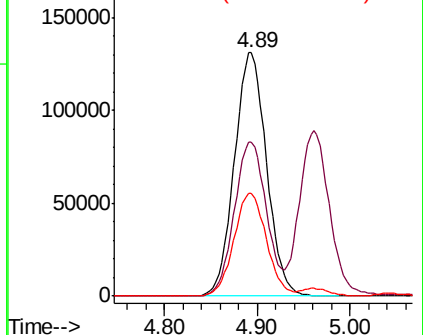


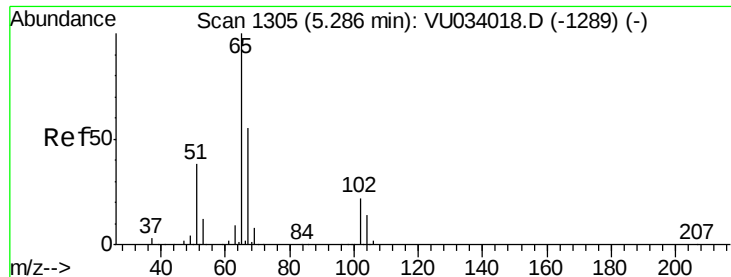
#32
1,1,1-Trichloroethane
Concen: 49.263 ug/l
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 97 Resp: 314715
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 42.9 35.3 52.9



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

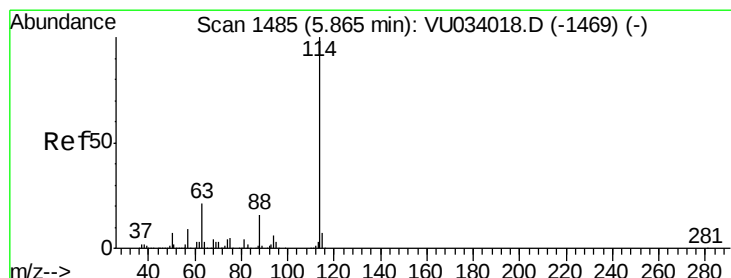
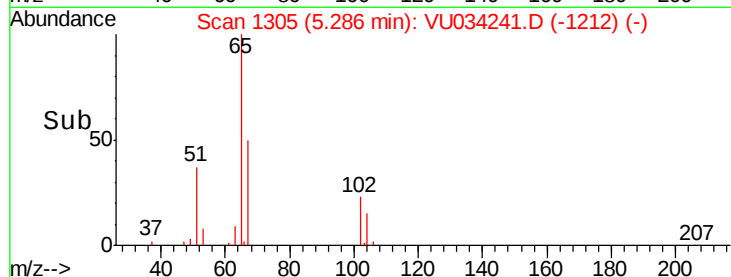
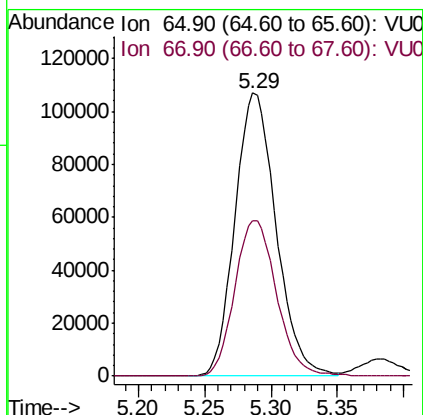
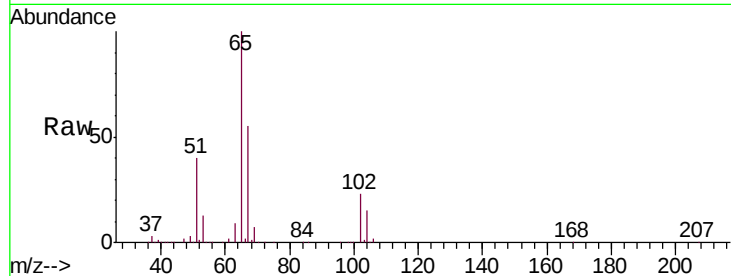




#33
 1,2-Dichloroethane-d4
 Concen: 47.028 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

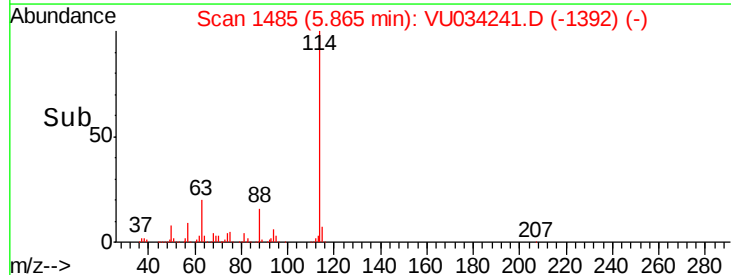
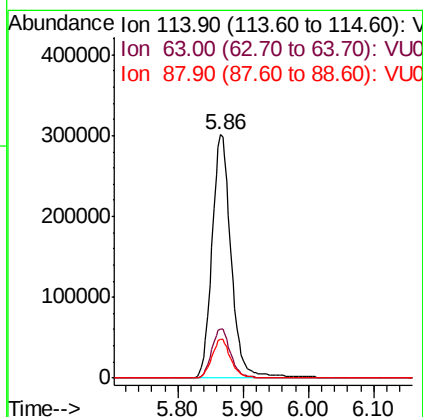
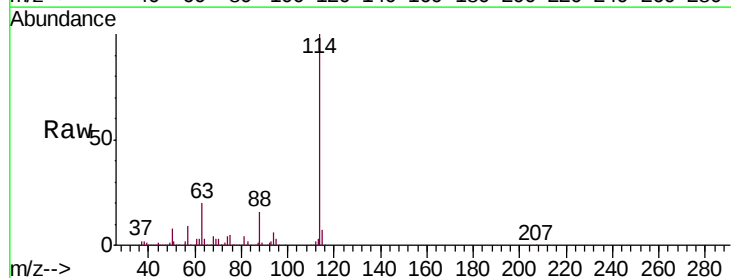
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

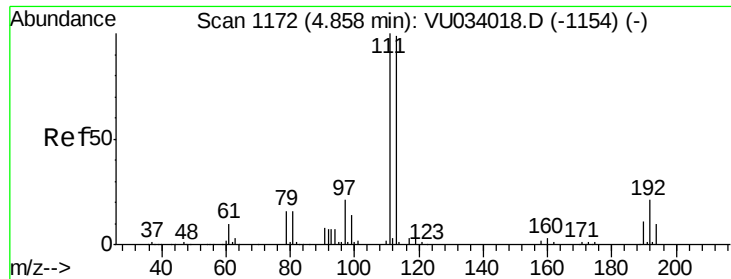
Tgt Ion: 65 Resp: 231357
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion: 114 Resp: 614612
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.0
 88 16.0 0.0 32.0

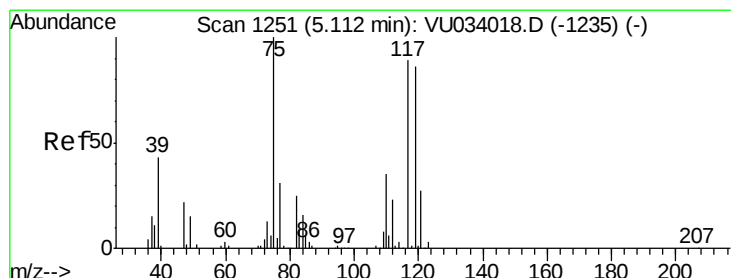
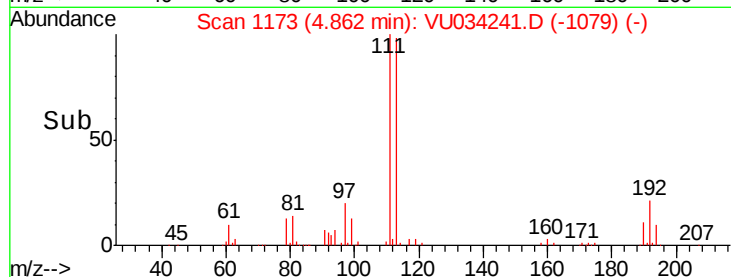
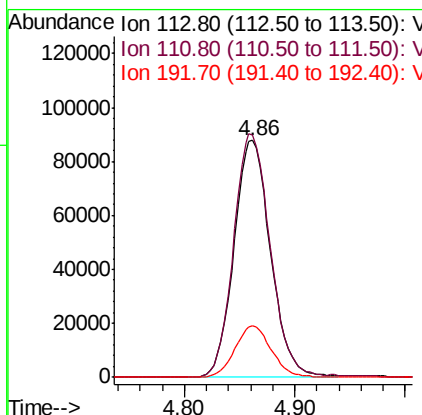
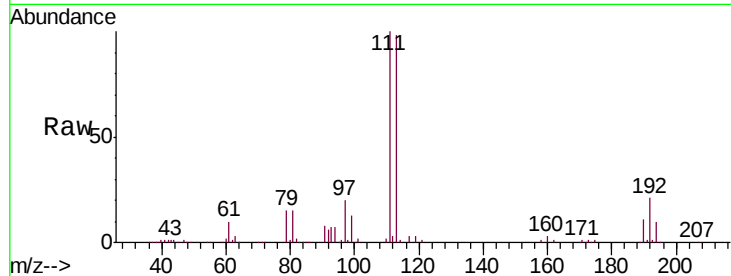




#35
 Dibromofluoromethane
 Concen: 47.407 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

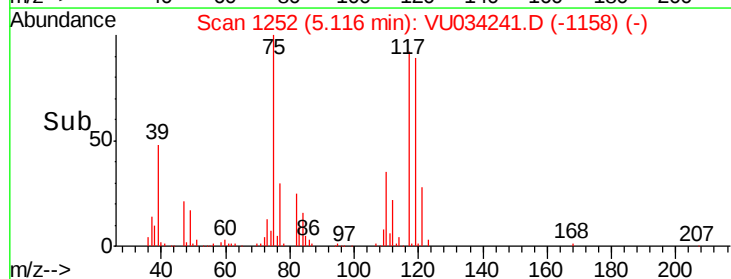
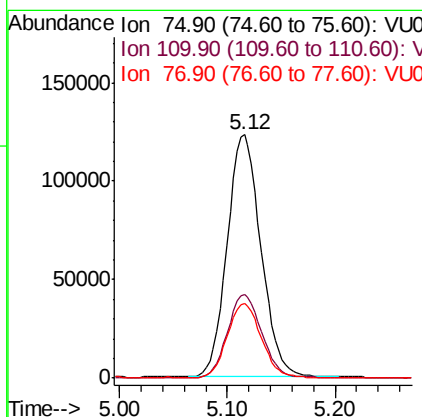
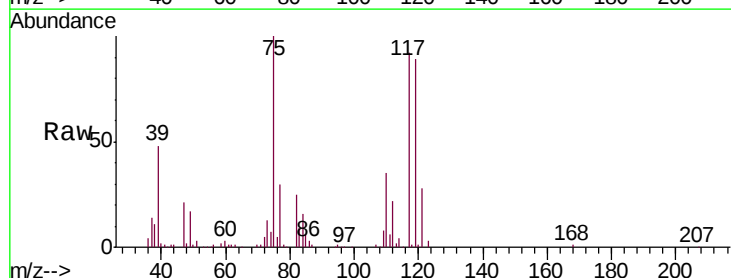
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

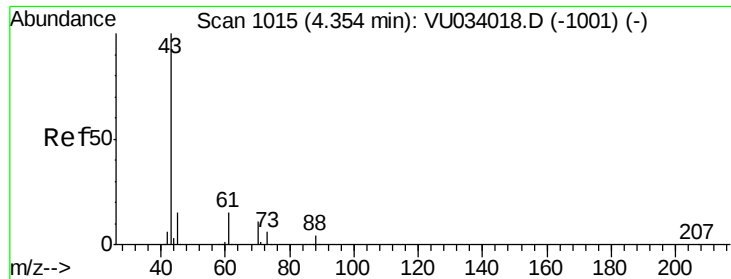
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.6	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 45.888 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.5
77	30.6	25.0	37.4

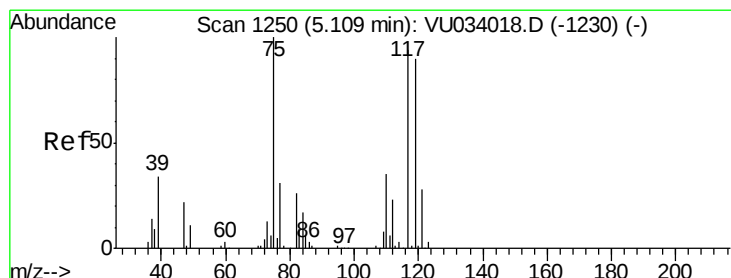
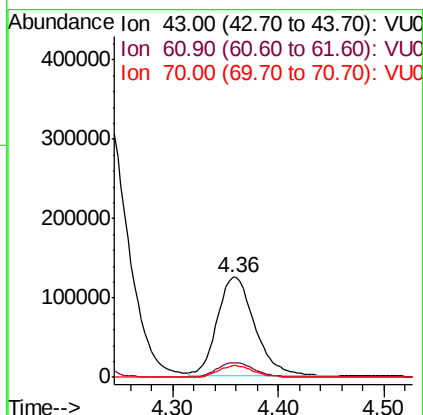
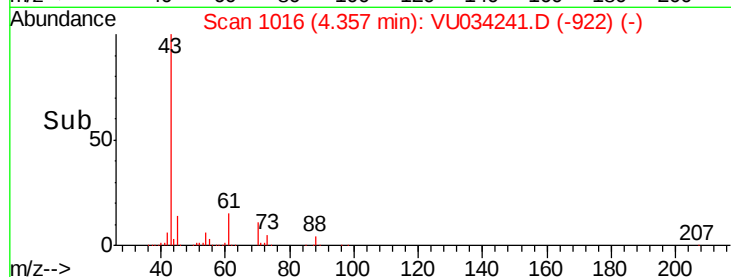
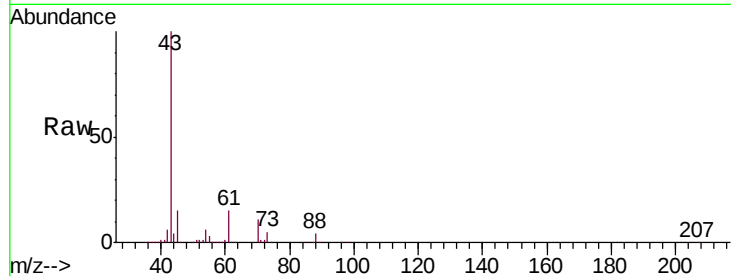




#37
Ethyl Acetate
Concen: 47.355 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

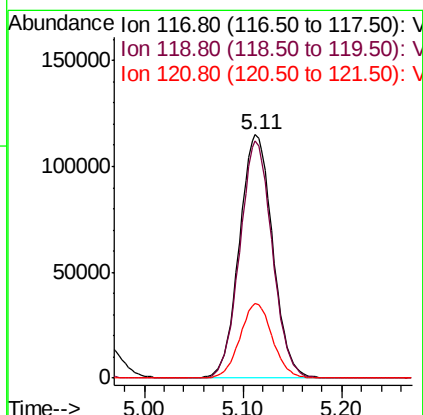
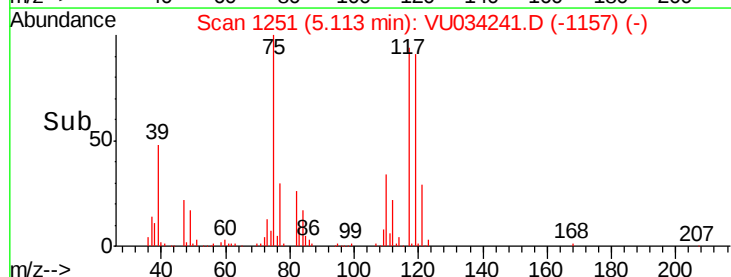
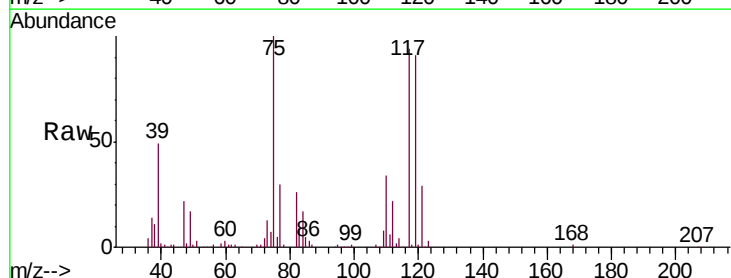
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

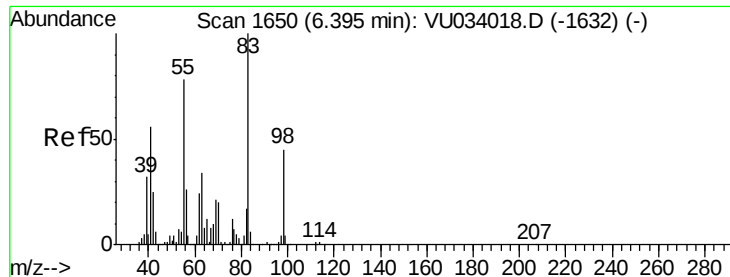
Tgt Ion: 43 Resp: 308281
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 47.665 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 117 Resp: 267474
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.4
121 30.9 23.9 35.9

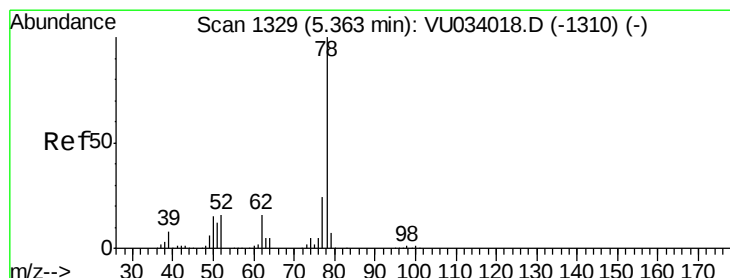
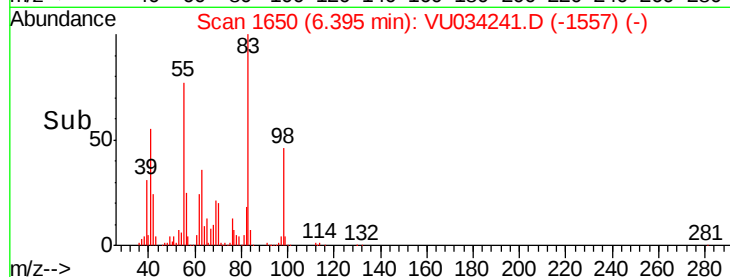
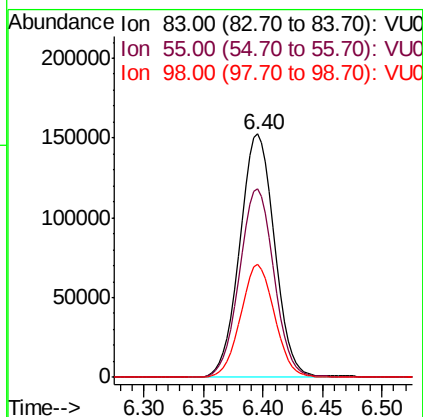
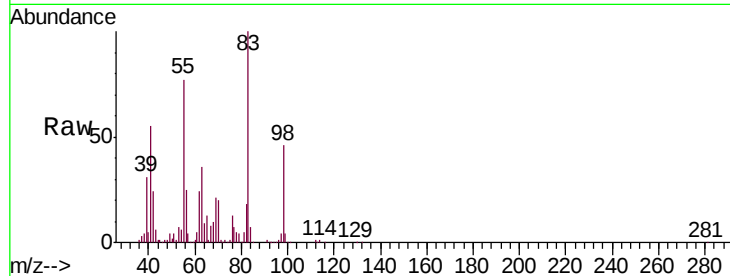




#39
Methylcyclohexane
Concen: 45.162 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

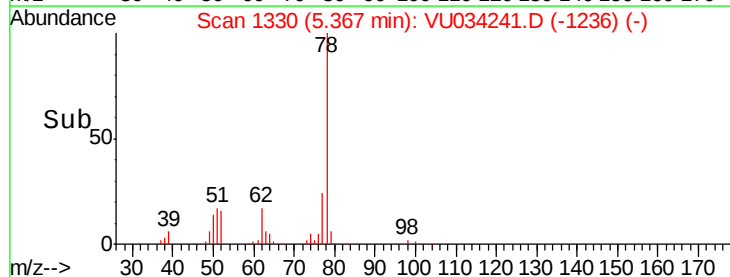
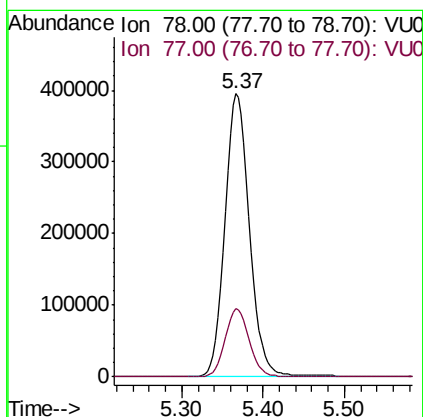
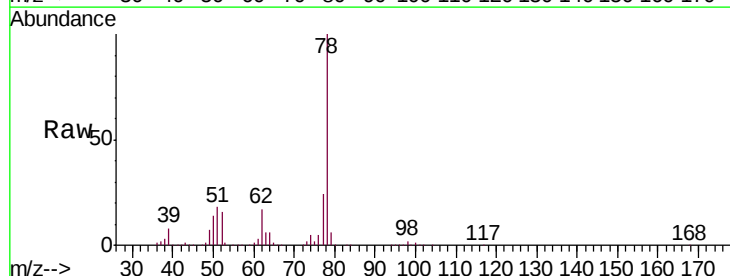
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

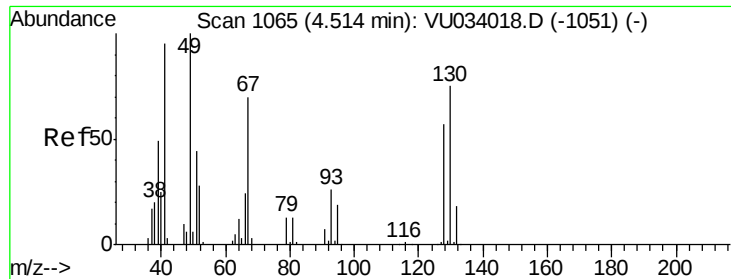
Tgt Ion: 83 Resp: 309446
Ion Ratio Lower Upper
83 100
55 77.3 62.3 93.5
98 46.2 36.2 54.2



#40
Benzene
Concen: 47.963 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 78 Resp: 843607
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

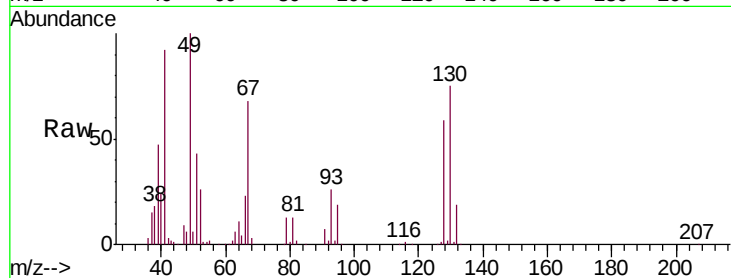




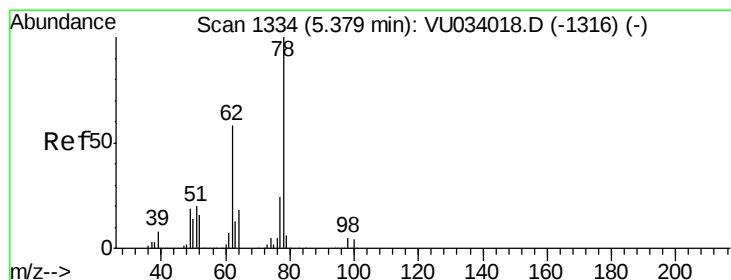
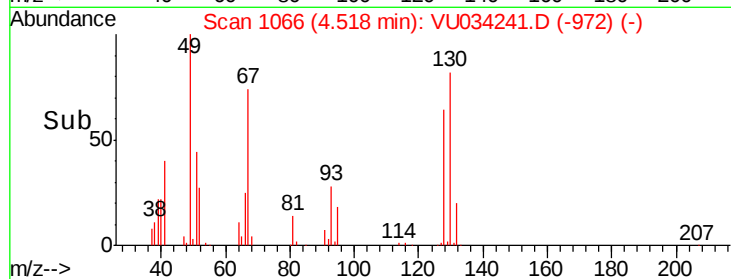
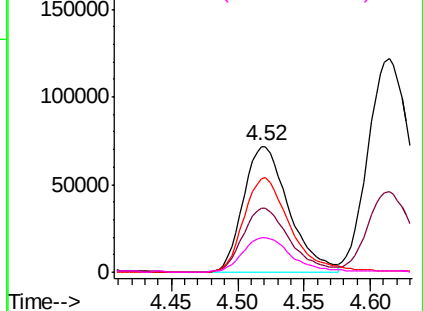
#41
Methacrylonitrile
Concen: 51.350 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 171442
Ion Ratio Lower Upper
41 100
39 52.0 42.1 63.1
67 77.9 61.0 91.4
52 28.5 23.3 34.9

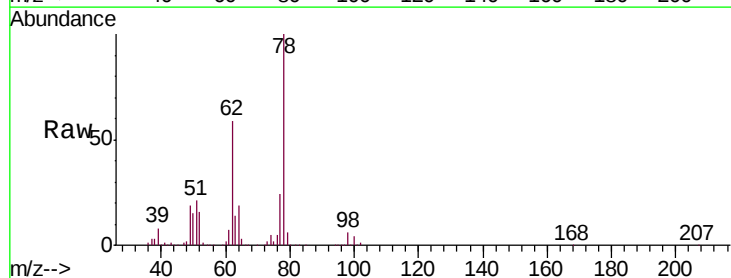


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

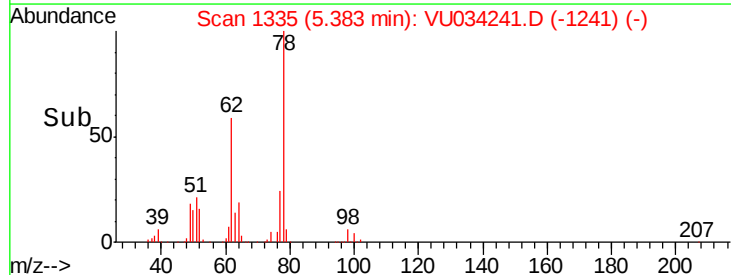
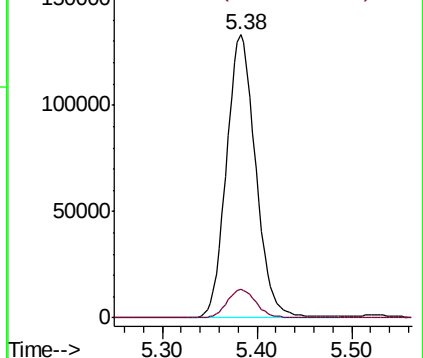


#42
1,2-Dichloroethane
Concen: 47.225 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 62 Resp: 286831
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.2



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

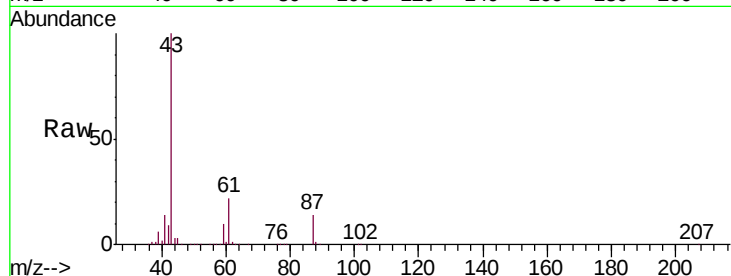




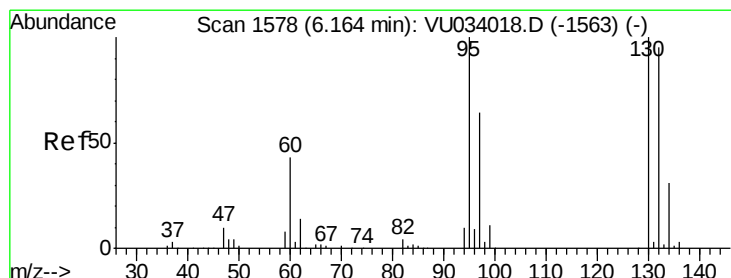
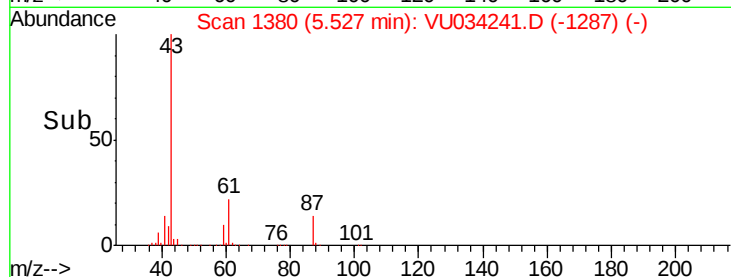
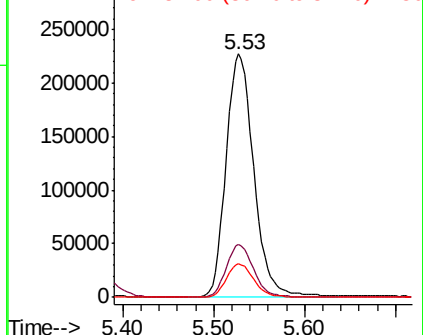
#43
Isopropyl Acetate
Concen: 48.480 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 480151
Ion Ratio Lower Upper
43 100
61 21.6 17.2 25.8
87 13.8 10.8 16.2

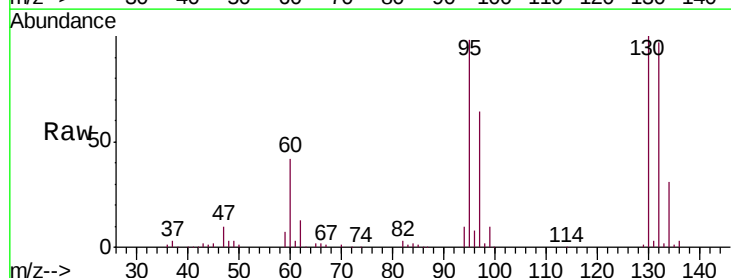


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

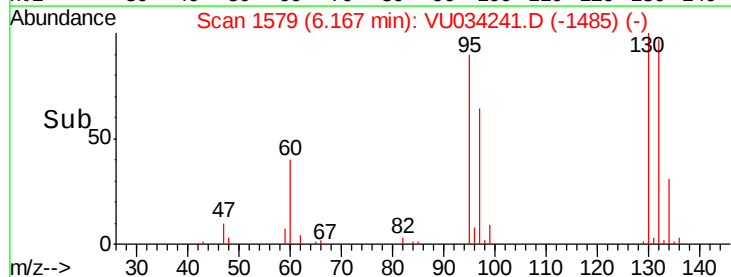
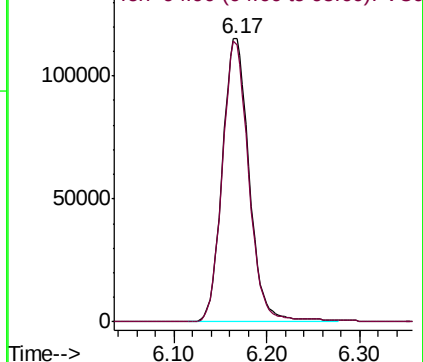


#44
Trichloroethene
Concen: 50.207 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 130 Resp: 231896
Ion Ratio Lower Upper
130 100
95 97.8 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: 49.732 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

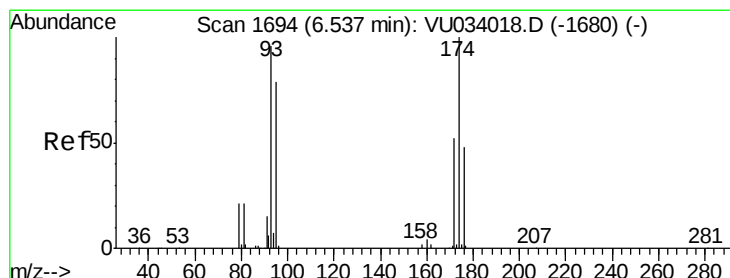
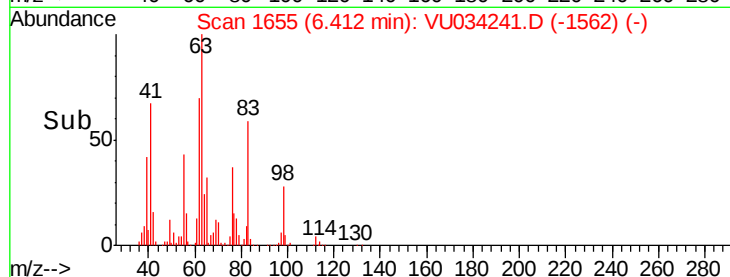
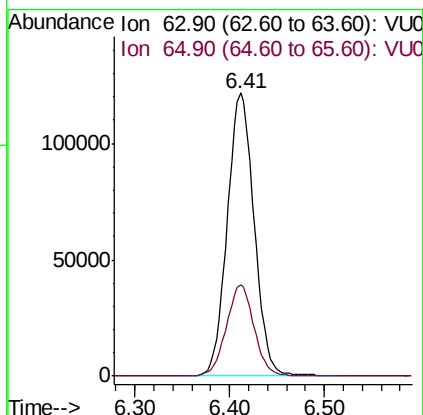
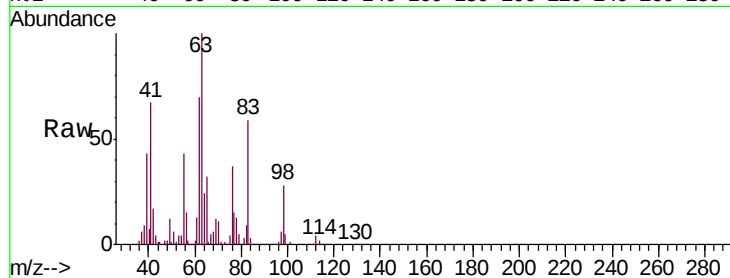
VSTDCCC050EC

Tgt Ion: 63 Resp: 240793

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 48.729 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

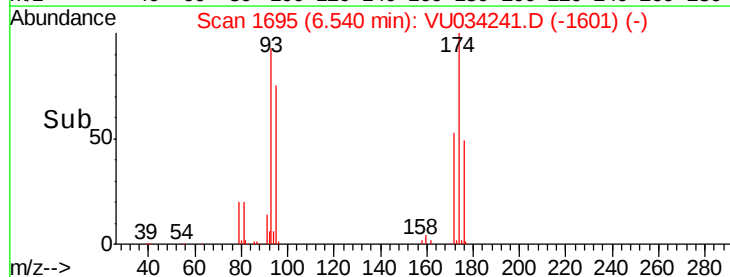
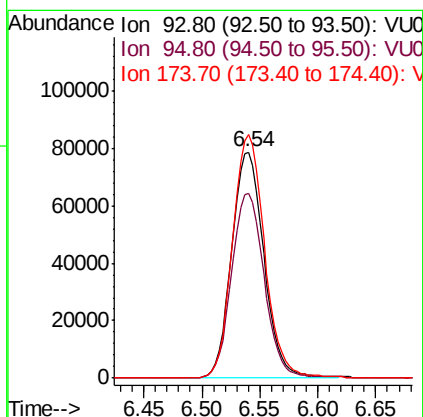
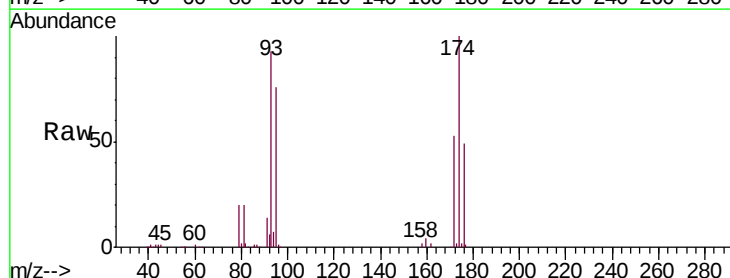
Tgt Ion: 93 Resp: 152005

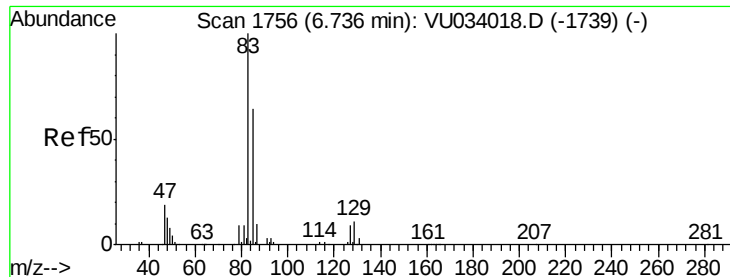
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 107.1 84.9 127.3





#47

Bromodichloromethane

Concen: 49.344 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

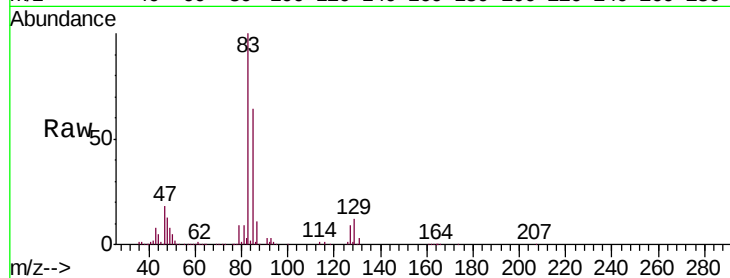
Tgt Ion: 83 Resp: 301143

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

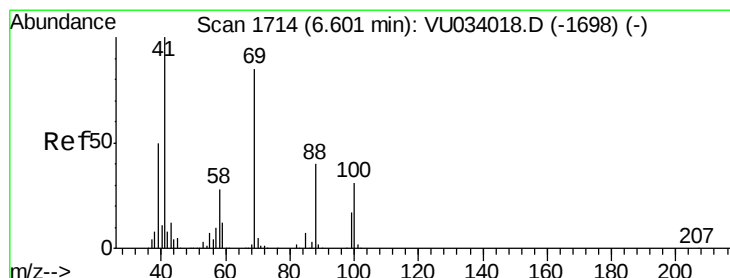
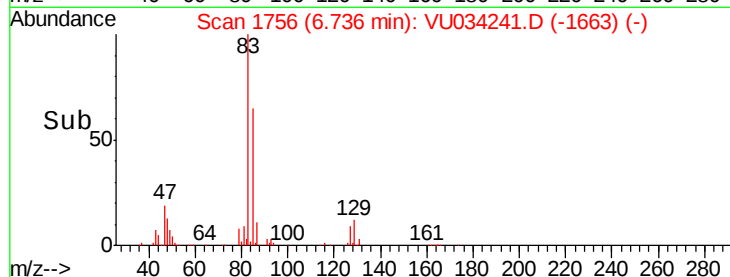
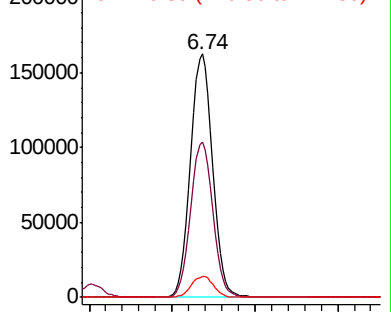
127 8.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.354 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

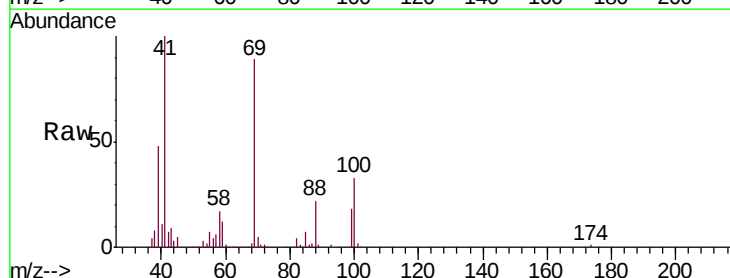
Tgt Ion: 41 Resp: 231091

Ion Ratio Lower Upper

41 100

69 90.2 69.5 104.3

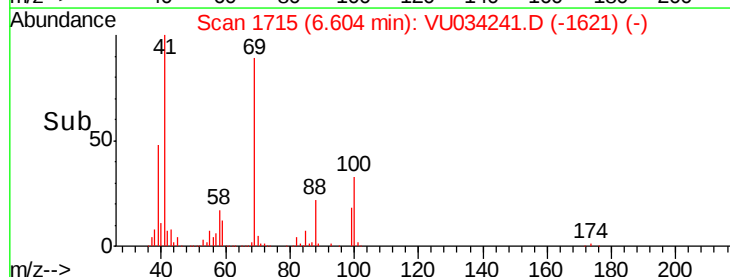
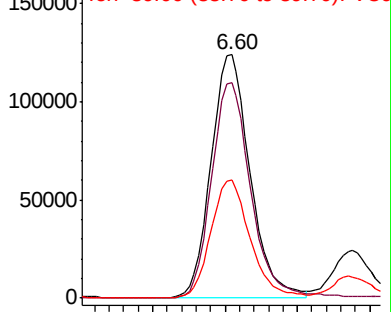
39 48.6 40.3 60.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

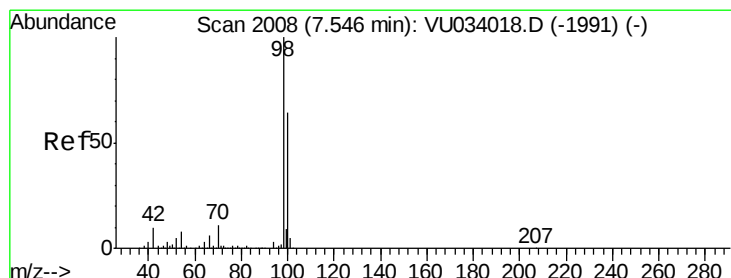
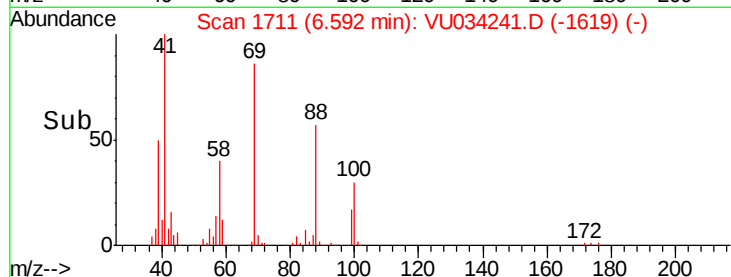
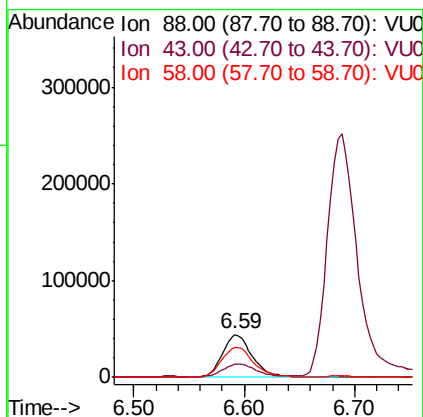
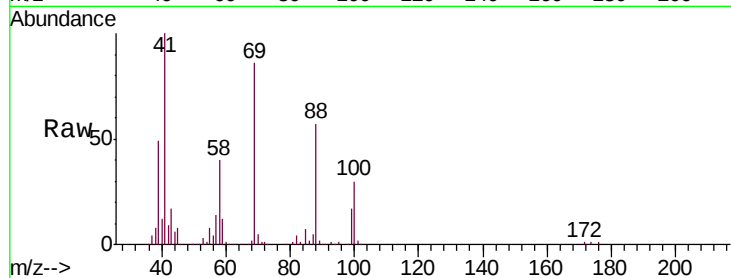




#49
1,4-Dioxane
Concen: 681.946 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

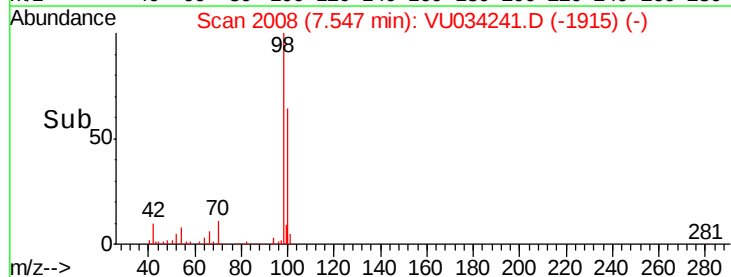
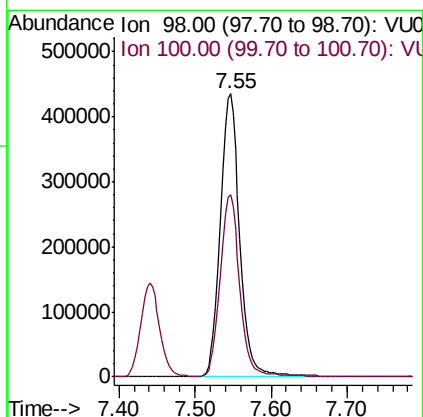
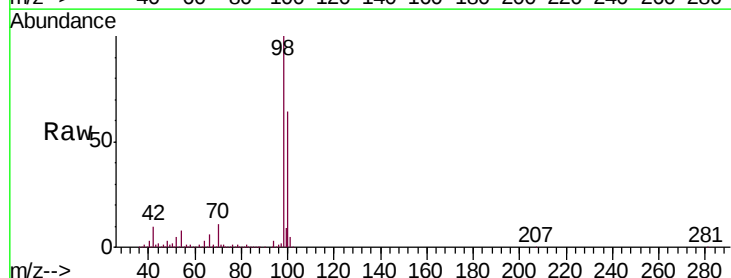
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

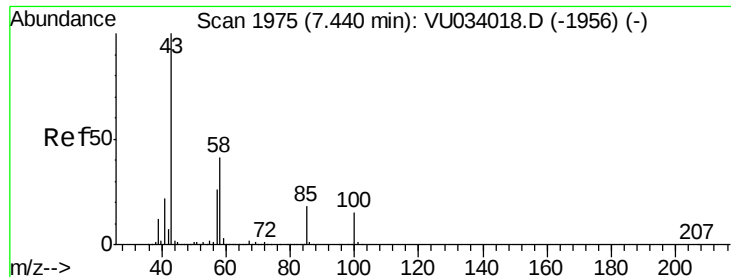
Tgt Ion: 88 Resp: 81660
Ion Ratio Lower Upper
88 100
43 31.9 24.8 37.2
58 76.3 59.3 88.9



#50
Toluene-d8
Concen: 48.462 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 98 Resp: 773547
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

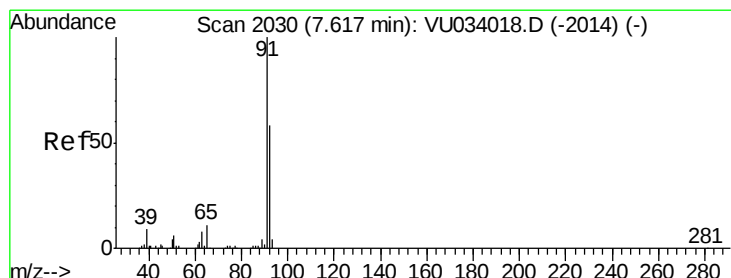
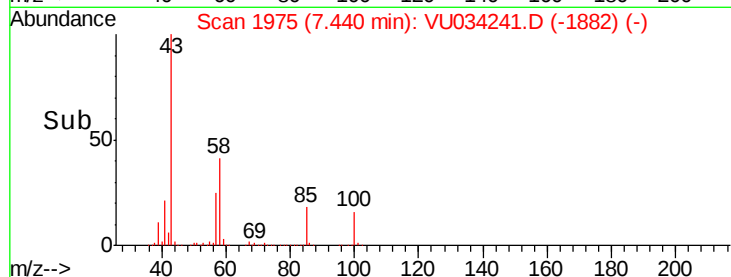
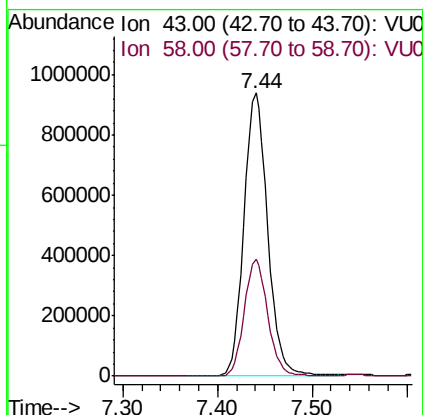
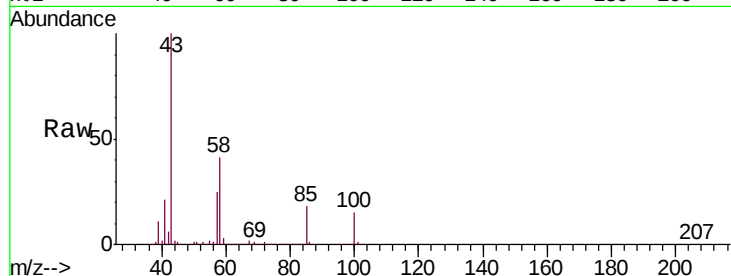




#51
 4-Methyl-2-Pentanone
 Concen: 239.042 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

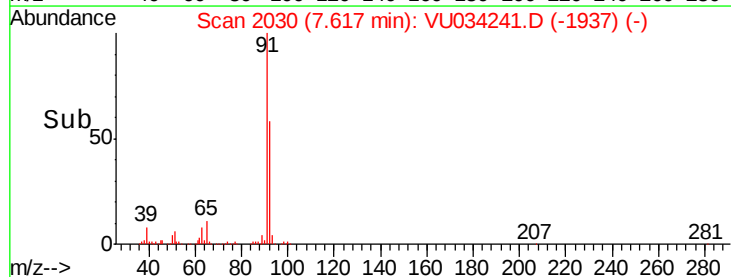
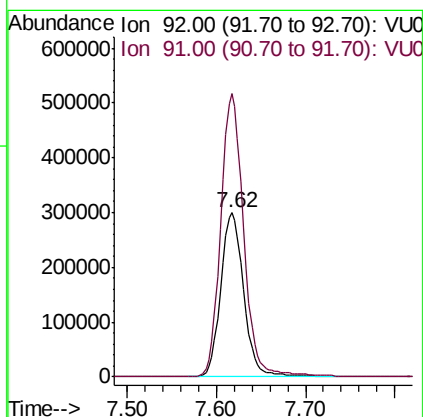
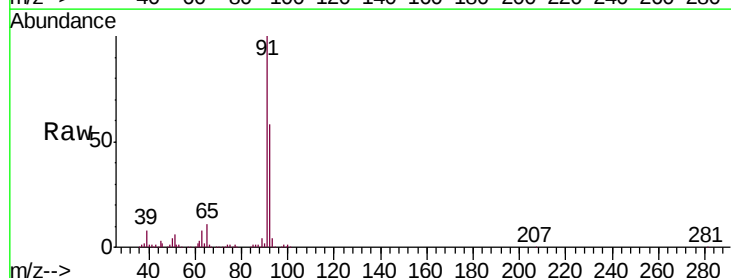
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

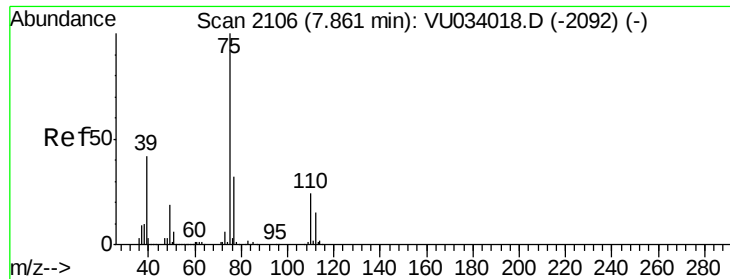
Tgt Ion: 43 Resp: 1634996
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.2 48.4



#52
 Toluene
 Concen: 49.533 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion: 92 Resp: 536693
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.3 207.5

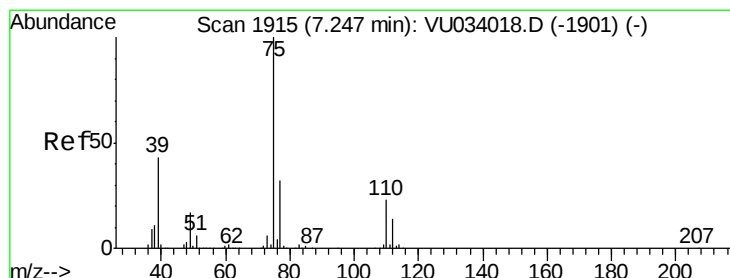
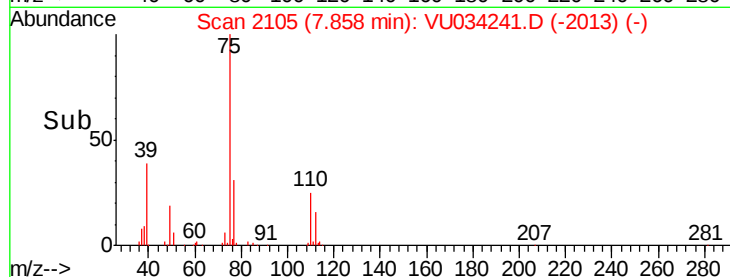
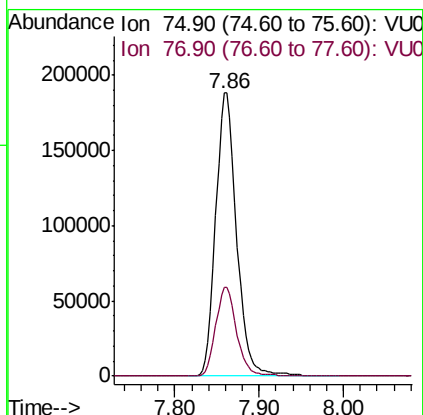
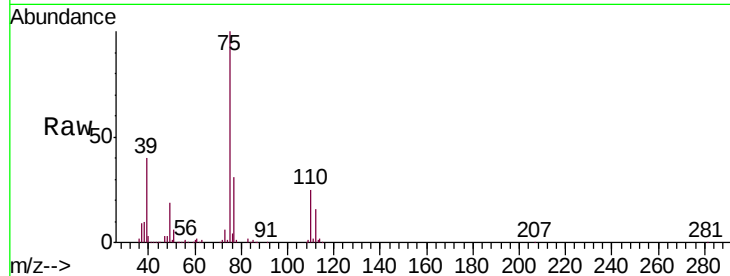




#53
t-1,3-Dichloropropene
Concen: 47.997 ug/l
RT: 7.86 min Scan# 2105
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

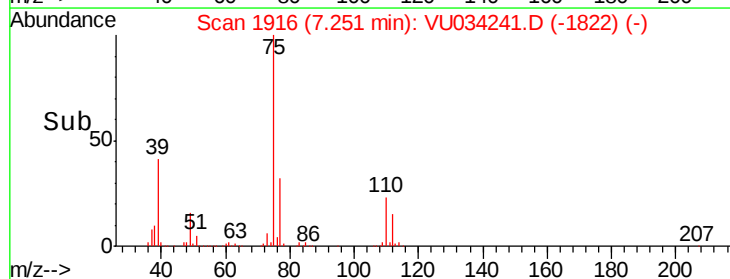
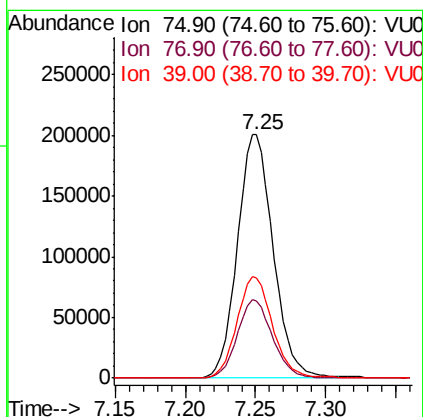
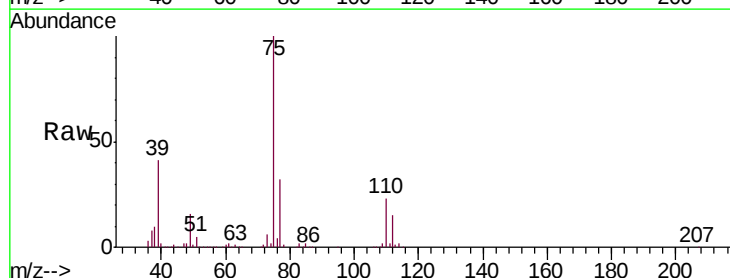
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 325028
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.187 ug/l
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 75 Resp: 356496
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 41.1 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 49.810 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 228288

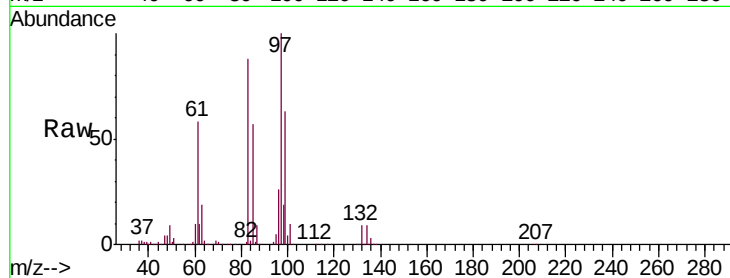
Ion Ratio Lower Upper

97 100

83 88.2 70.1 105.1

85 57.3 45.0 67.4

99 63.1 49.8 74.8

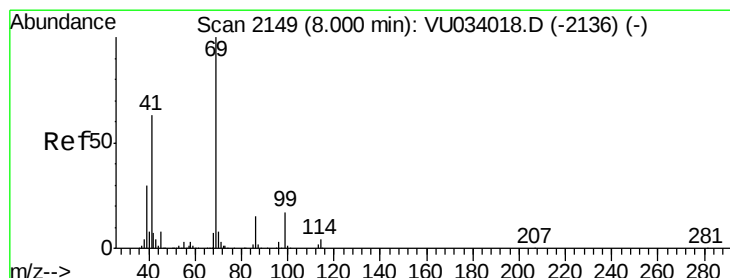
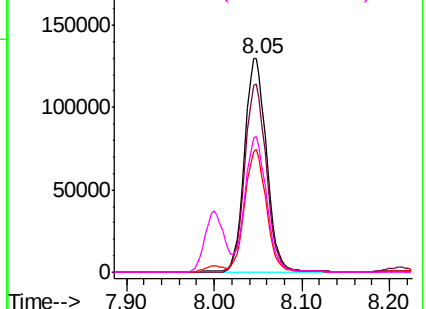
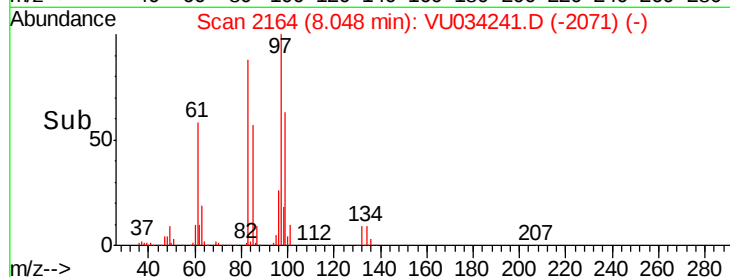


Abundance Ion 96.90 (96.60 to 97.60): VU034241.D (-2071) (-)

Ion 82.90 (82.60 to 83.60): VU034241.D (-2071) (-)

Ion 84.90 (84.60 to 85.60): VU034241.D (-2071) (-)

Ion 98.90 (98.60 to 99.60): VU034241.D (-2071) (-)



#56

Ethyl methacrylate

Concen: 44.178 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

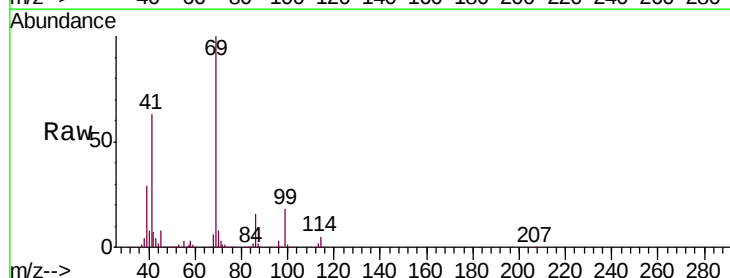
Tgt Ion: 69 Resp: 334976

Ion Ratio Lower Upper

69 100

41 63.6 50.7 76.1

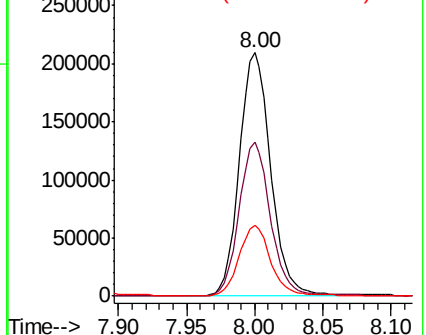
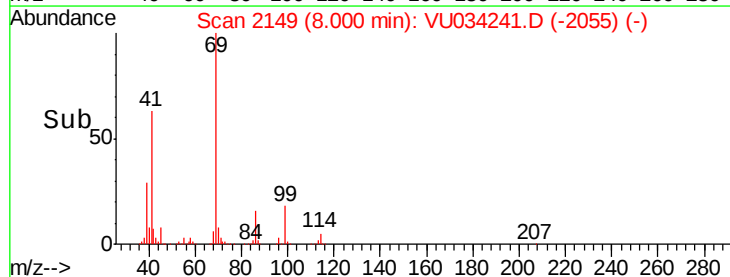
39 29.0 24.2 36.2

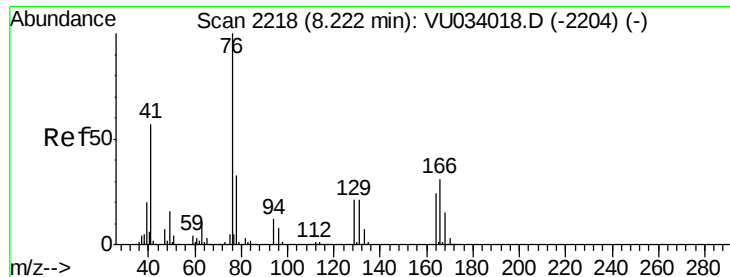


Abundance Ion 69.00 (68.70 to 69.70): VU034241.D (-2055) (-)

Ion 41.00 (40.70 to 41.70): VU034241.D (-2055) (-)

Ion 39.00 (38.70 to 39.70): VU034241.D (-2055) (-)

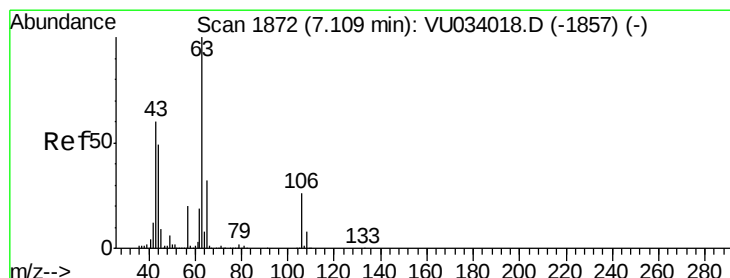
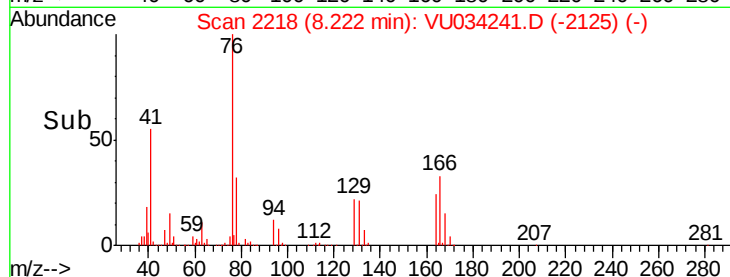
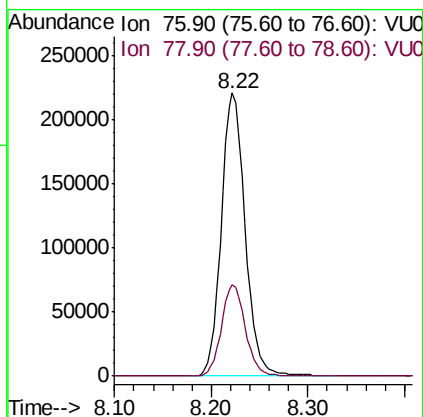
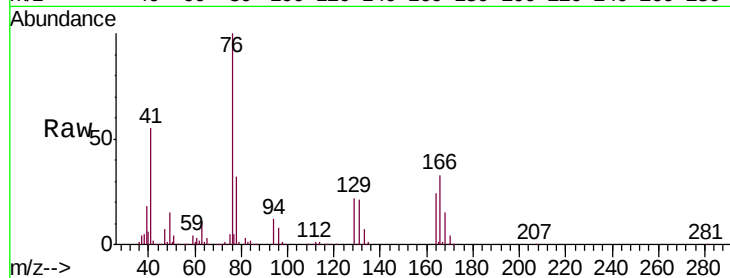




#57
 1,3-Dichloropropane
 Concen: 48.538 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

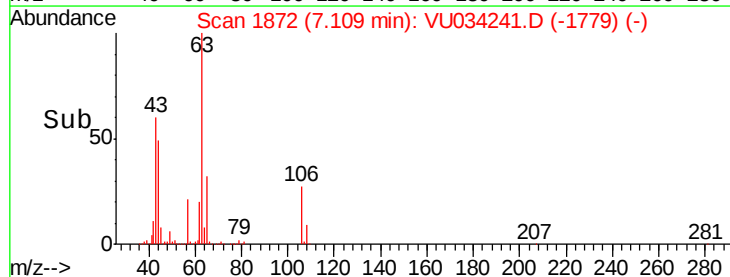
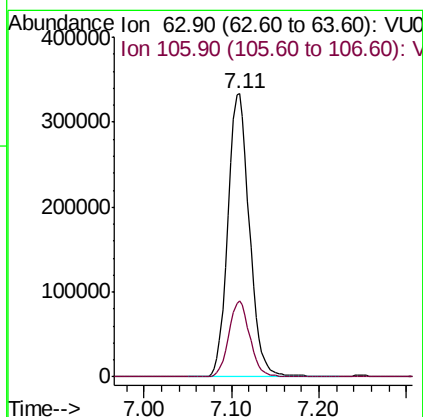
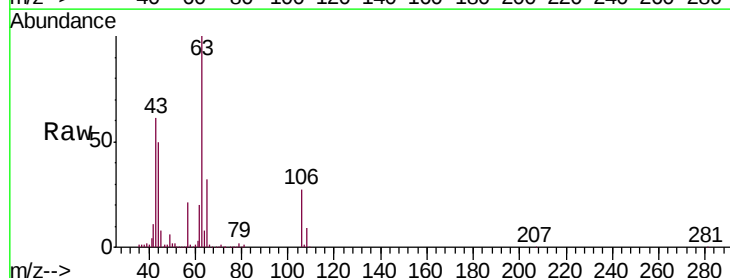
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

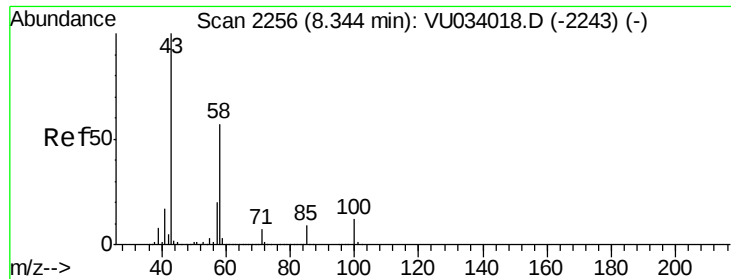
Tgt Ion: 76 Resp: 377721
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.647 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion: 63 Resp: 572135
 Ion Ratio Lower Upper
 63 100
 106 26.5 20.7 31.1

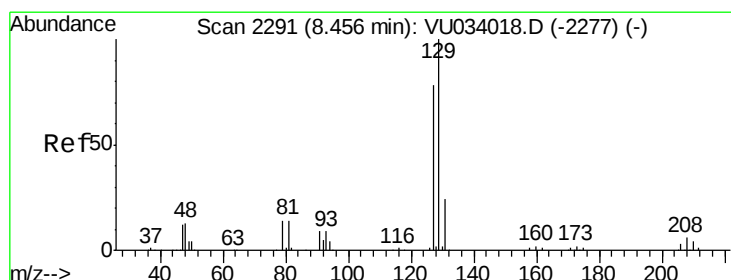
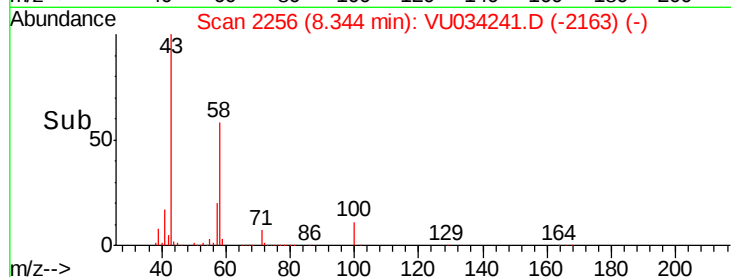
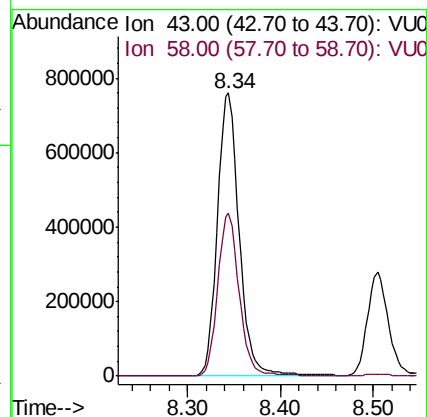
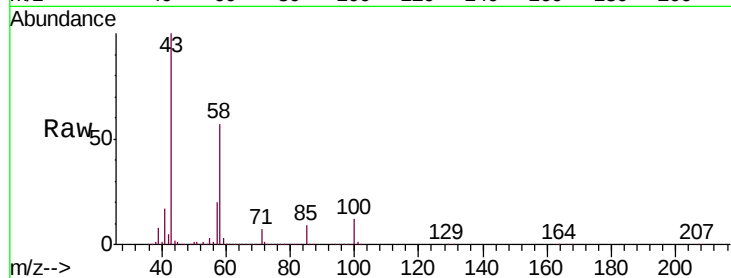




#59
2-Hexanone
Concen: 238.764 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

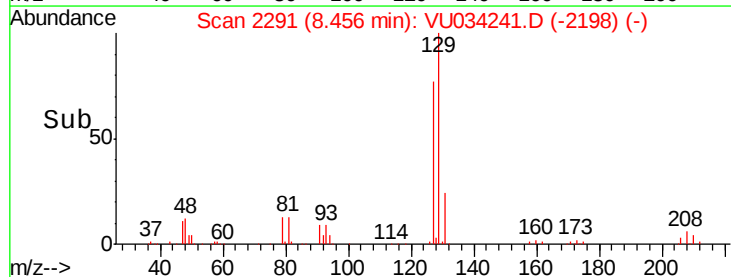
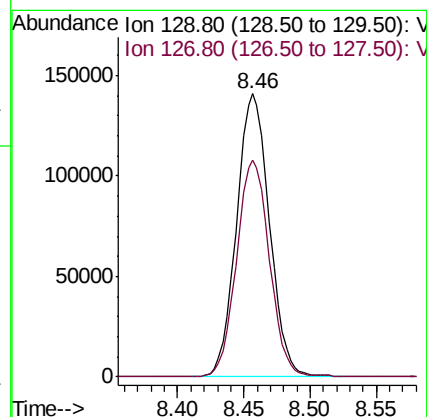
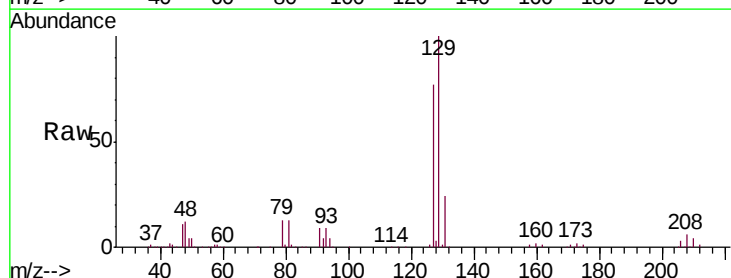
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

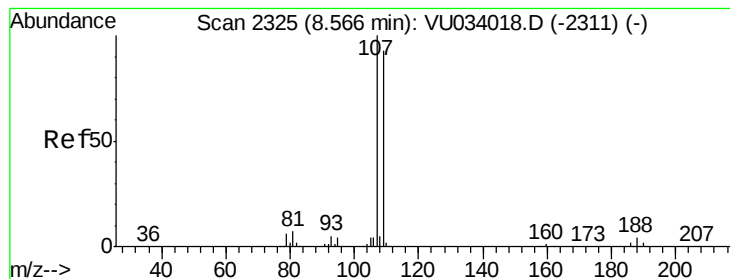
Tgt Ion: 43 Resp: 1232836
Ion Ratio Lower Upper
43 100
58 57.4 28.4 85.3



#60
Dibromochloromethane
Concen: 49.392 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 129 Resp: 242993
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 47.289 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

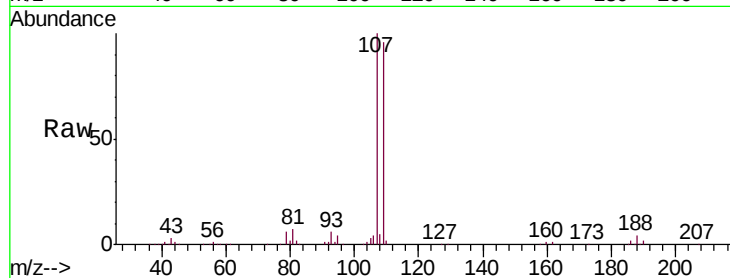
VSTDCCC050EC

Tgt Ion: 107 Resp: 228306

Ion Ratio Lower Upper

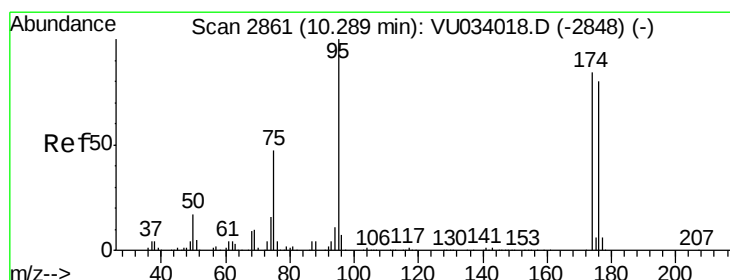
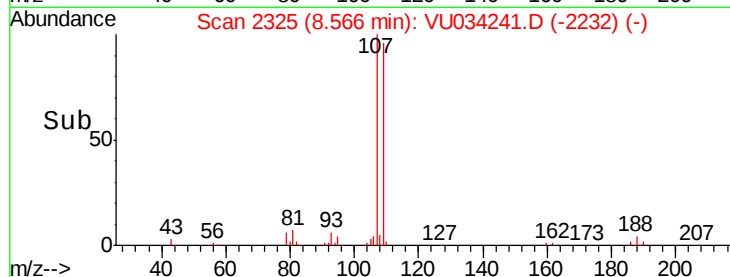
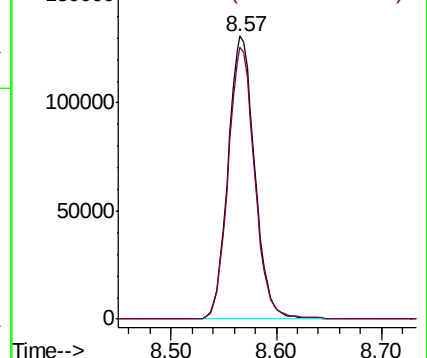
107 100

109 95.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.115 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

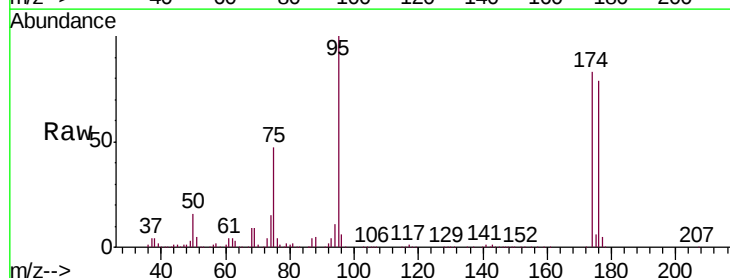
Tgt Ion: 95 Resp: 298746

Ion Ratio Lower Upper

95 100

174 85.4 0.0 168.8

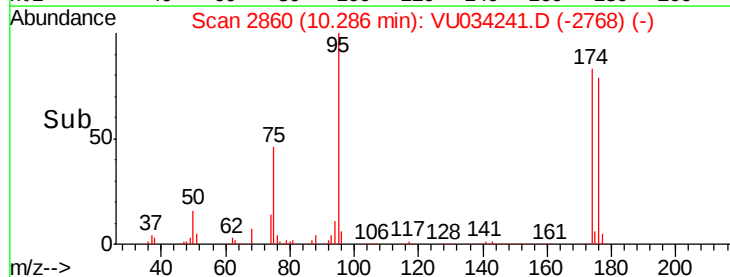
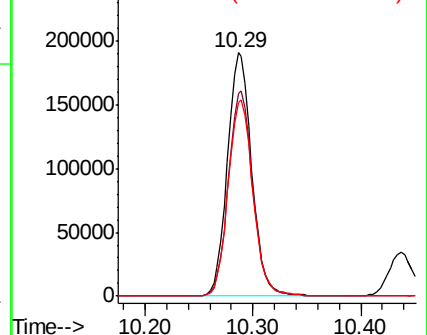
176 82.6 0.0 161.8

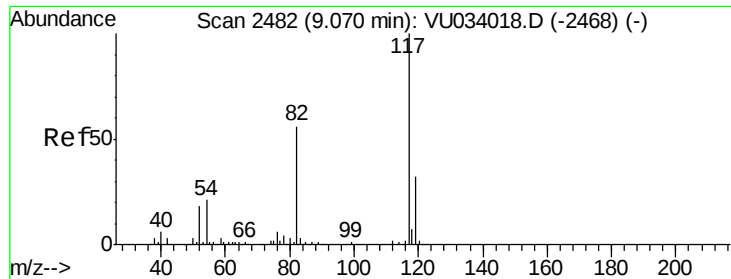


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

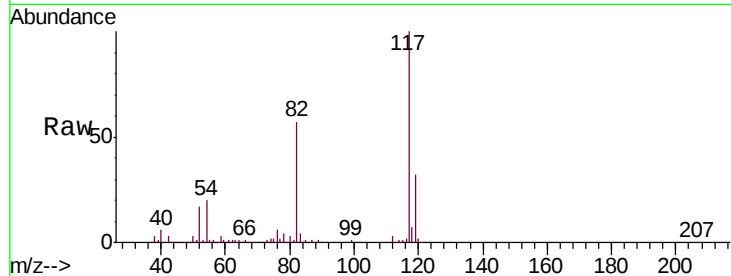




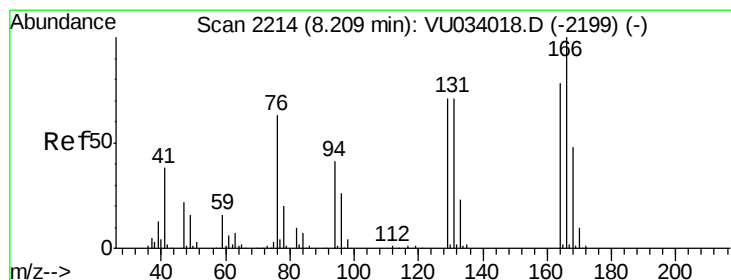
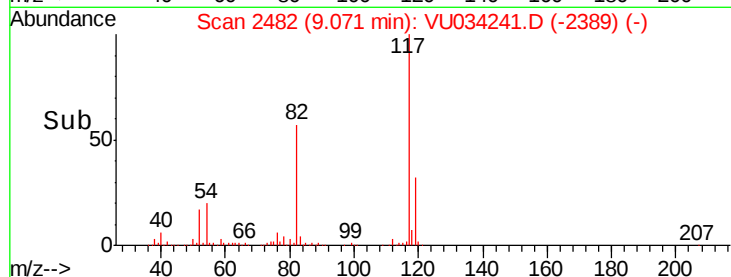
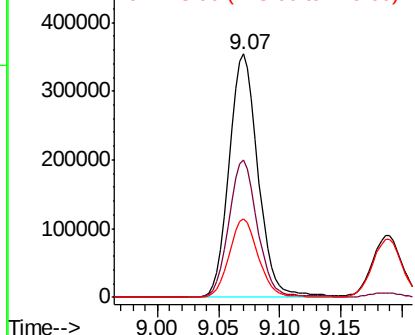
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 589148
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 32.3 25.4 38.0

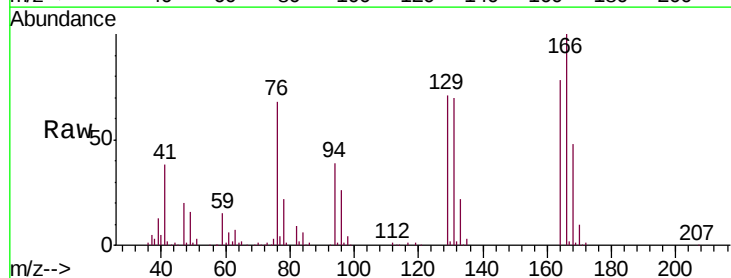


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

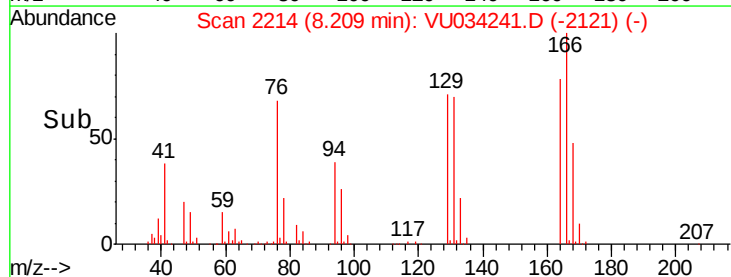
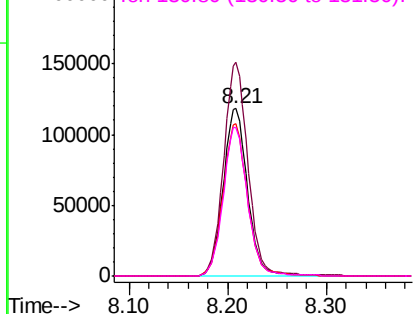


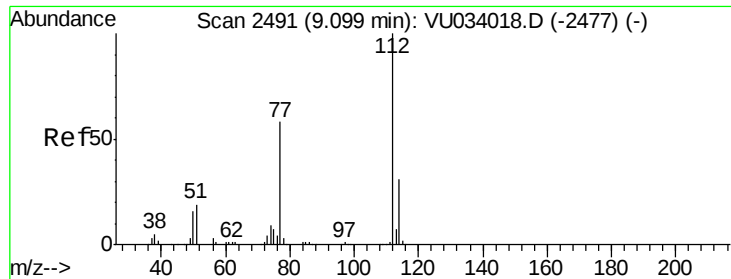
#64
Tetrachloroethene
Concen: 52.024 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion:164 Resp: 205834
Ion Ratio Lower Upper
164 100
166 127.4 102.2 153.2
129 90.5 72.4 108.6
131 88.7 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

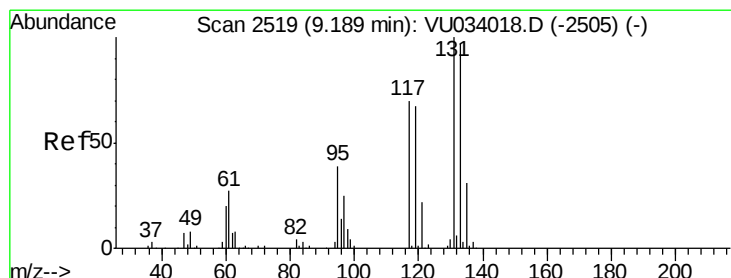
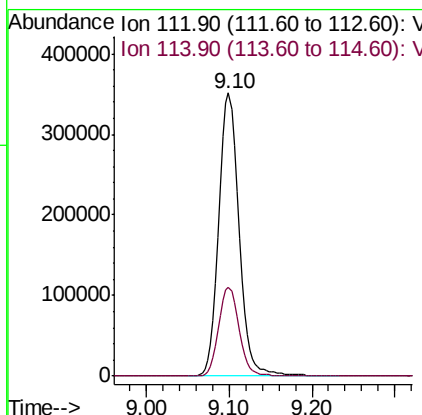
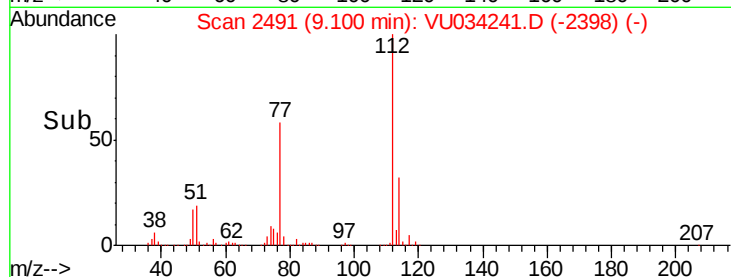
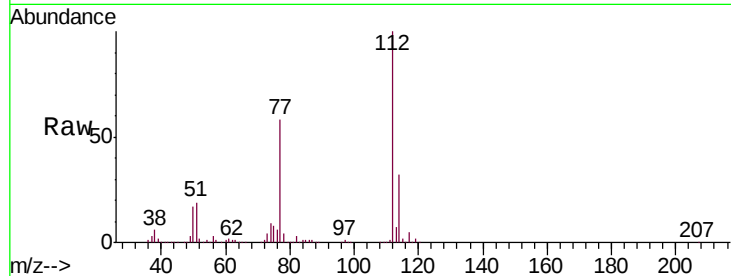




#65
Chlorobenzene
Concen: 48.996 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

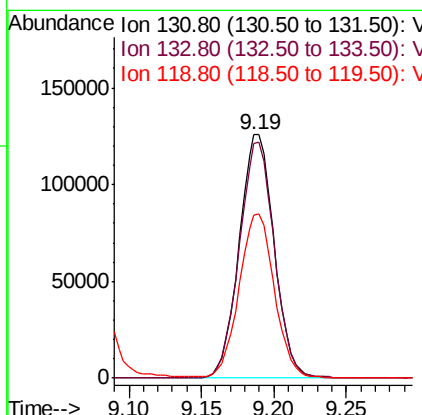
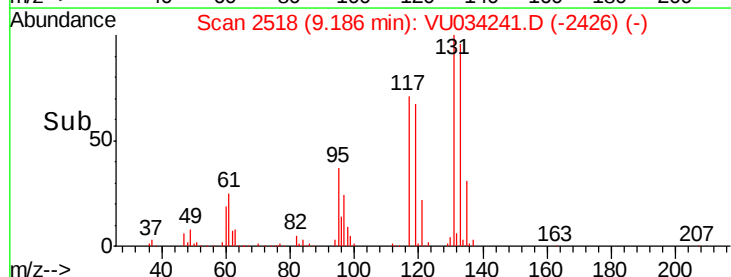
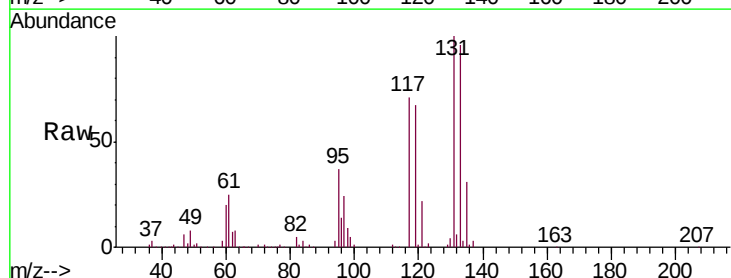
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

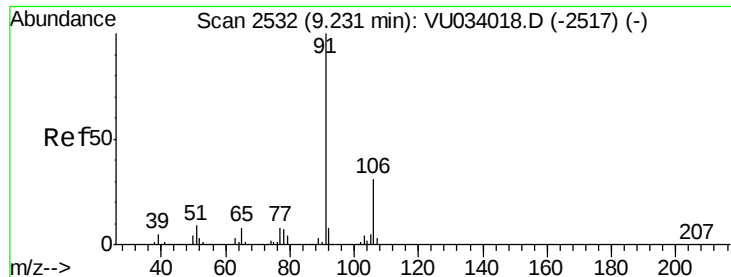
Tgt Ion:112 Resp: 594027
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.990 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion:131 Resp: 210977
Ion Ratio Lower Upper
131 100
133 97.4 48.4 145.2
119 68.3 33.6 100.6

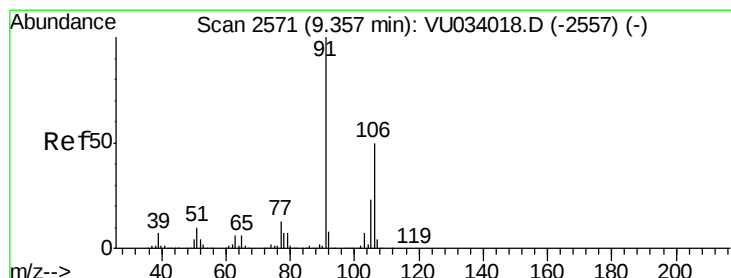
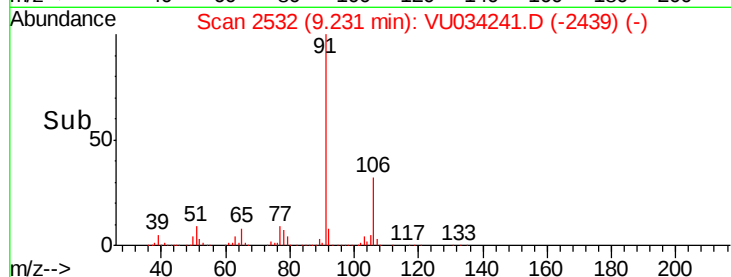
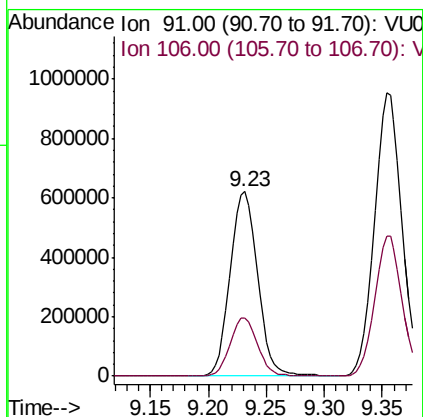
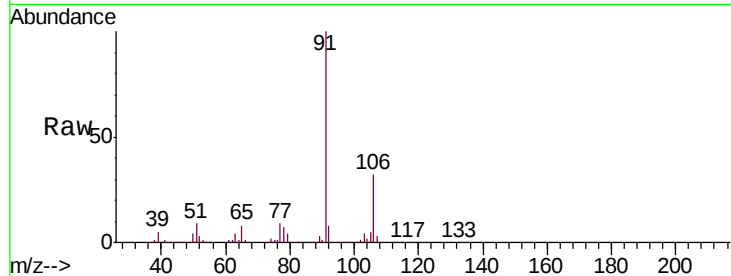




#67
Ethyl Benzene
Concen: 49.684 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

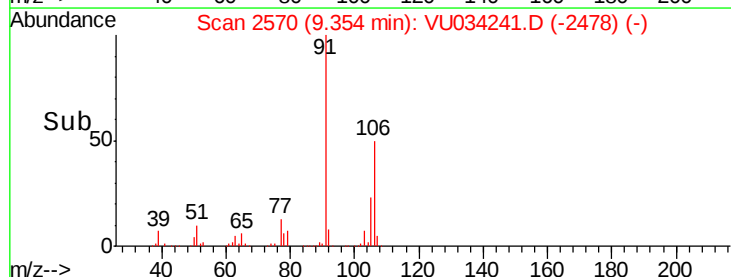
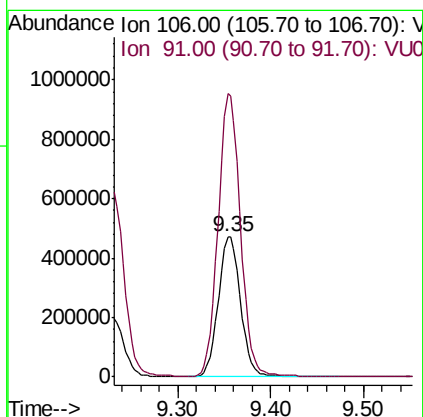
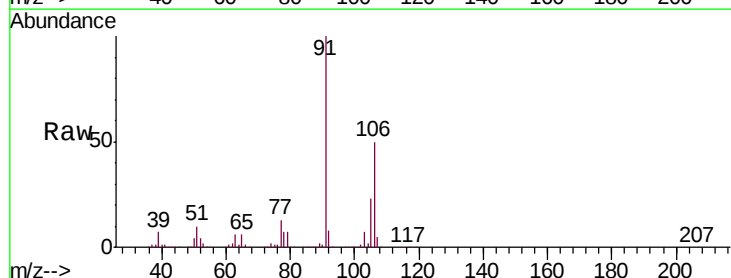
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

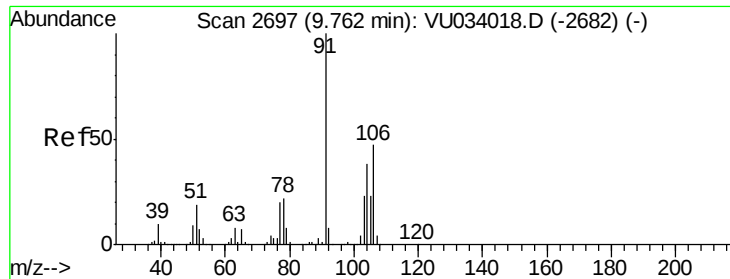
Tgt Ion: 91 Resp: 1021107
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 100.926 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 106 Resp: 788704
Ion Ratio Lower Upper
106 100
91 201.7 161.6 242.4

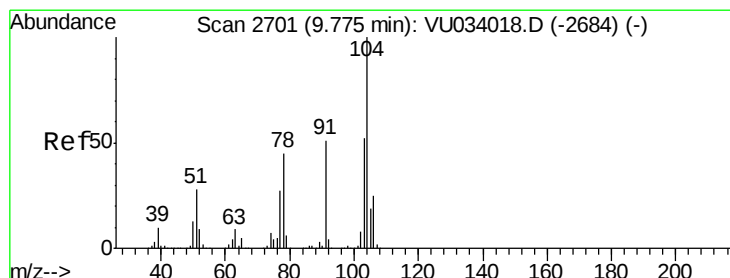
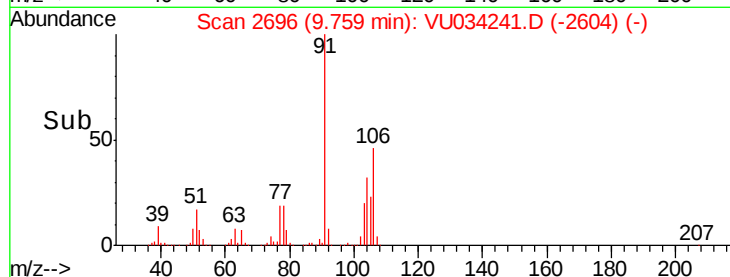
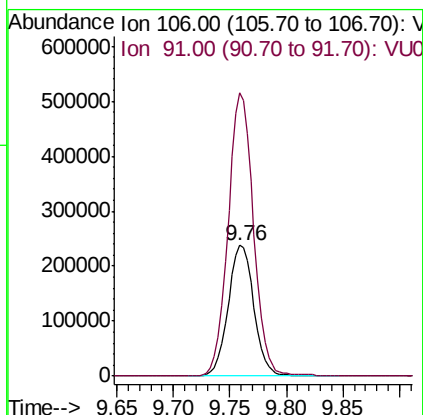
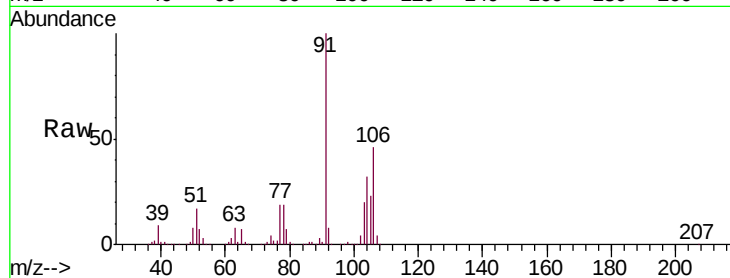




#69
o-Xylene
Concen: 50.491 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

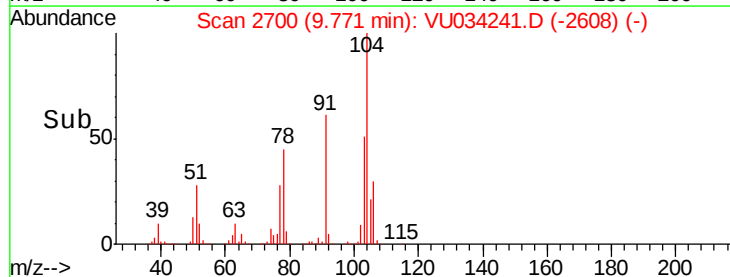
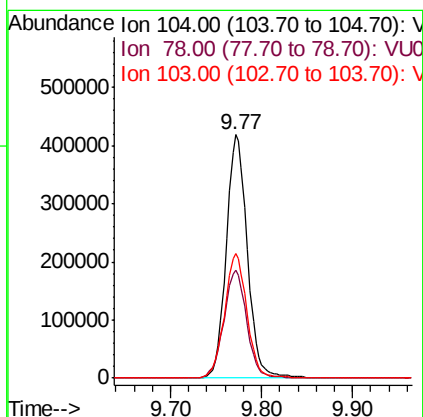
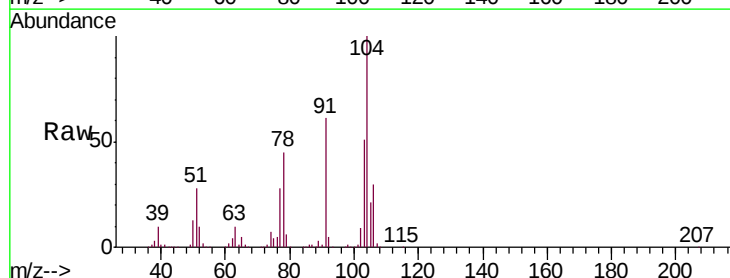
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

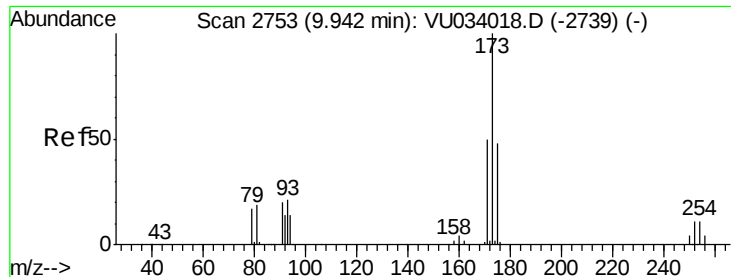
Tgt Ion:106 Resp: 378544
Ion Ratio Lower Upper
106 100
91 212.1 106.0 318.0



#70
Styrene
Concen: 52.439 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion:104 Resp: 674100
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 54.6 44.0 66.0





#71

Bromoform

Concen: 48.081 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

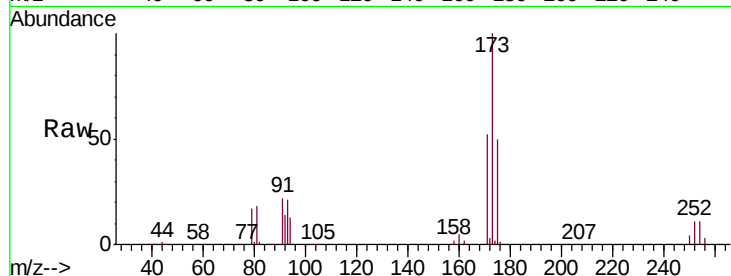
Tgt Ion:173 Resp: 183654

Ion Ratio Lower Upper

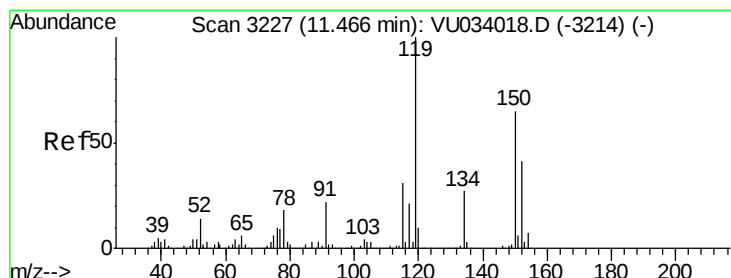
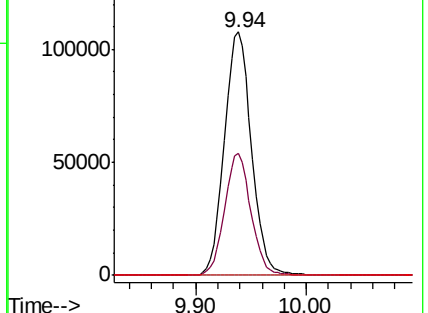
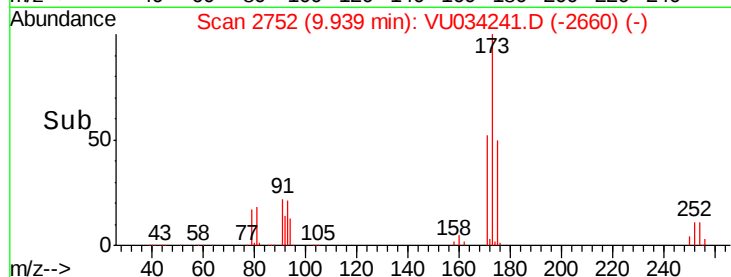
173 100

175 48.7 24.6 73.6

254 0.1 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: VU034241.D

Acq: 03 Sep 2019 20:51

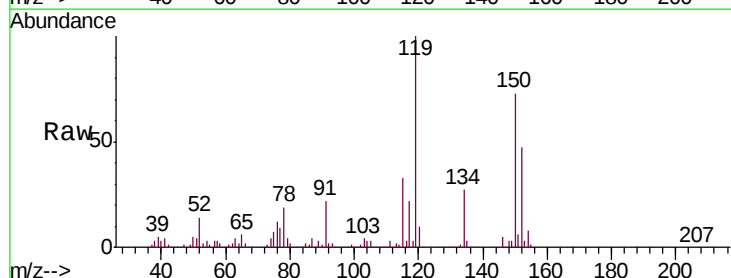
Tgt Ion:152 Resp: 329474

Ion Ratio Lower Upper

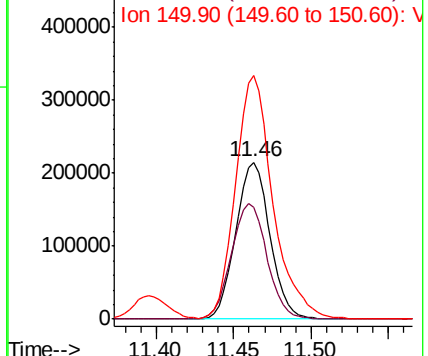
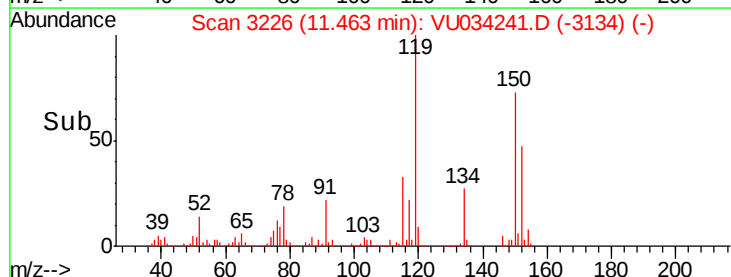
152 100

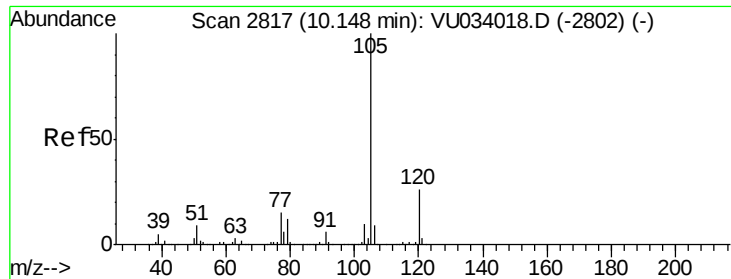
115 77.0 41.1 123.3

150 170.0 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: 46.332 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

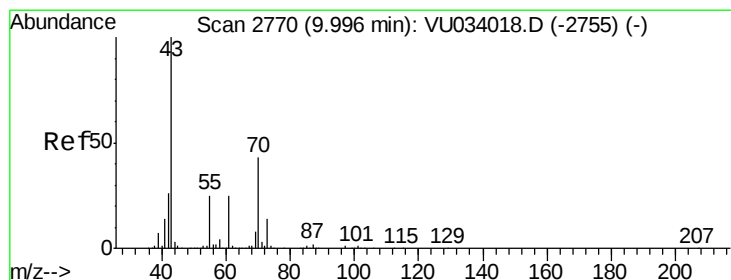
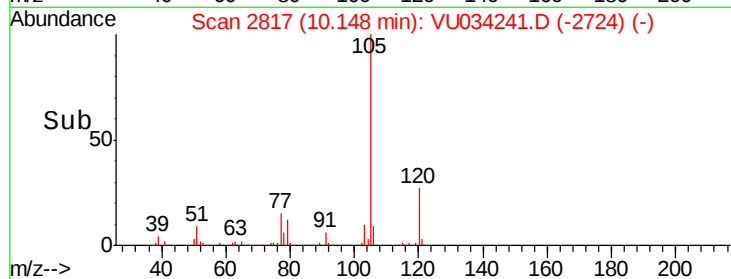
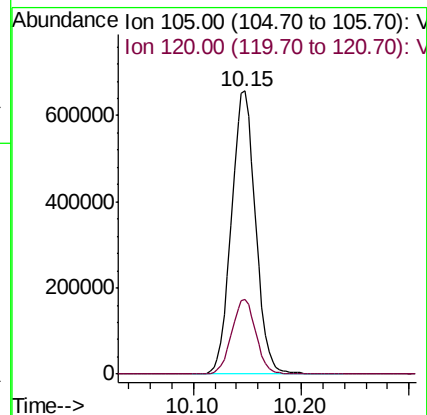
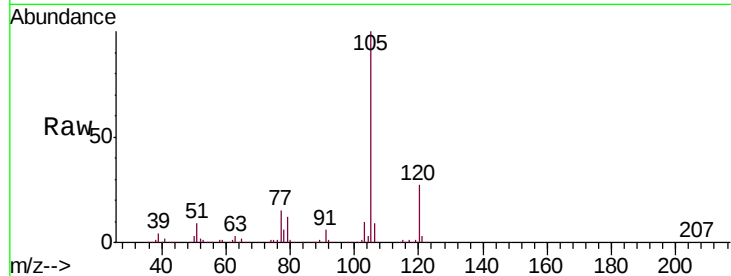
VSTDCCC050EC

Tgt Ion: 105 Resp: 1025352

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 46.767 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Tgt Ion: 43 Resp: 435301

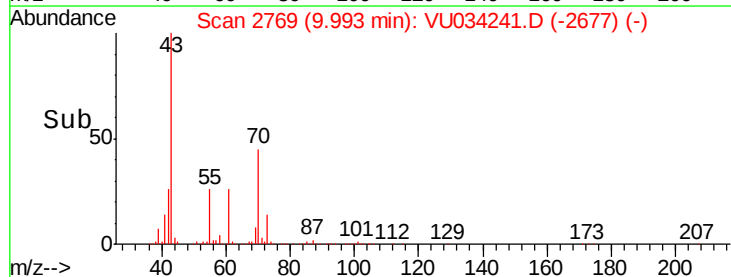
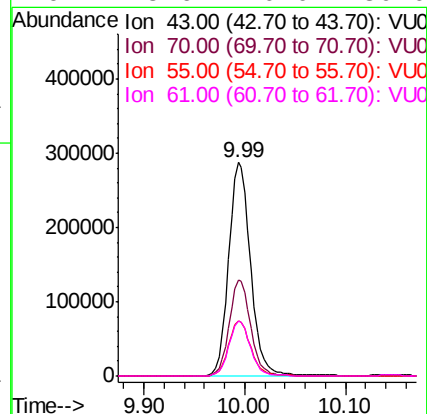
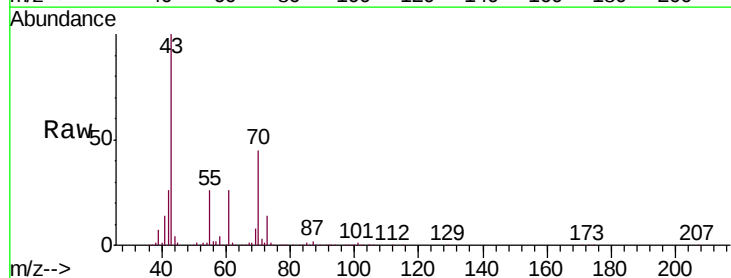
Ion Ratio Lower Upper

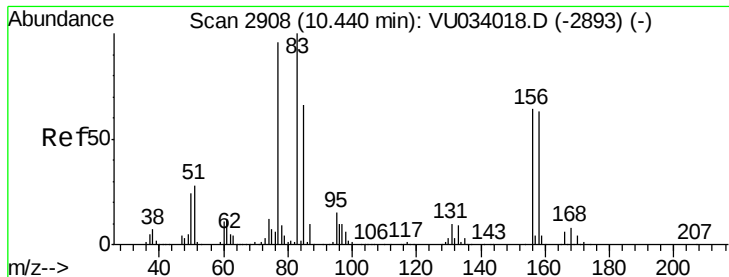
43 100

70 44.4 35.2 52.8

55 26.5 20.5 30.7

61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.529 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

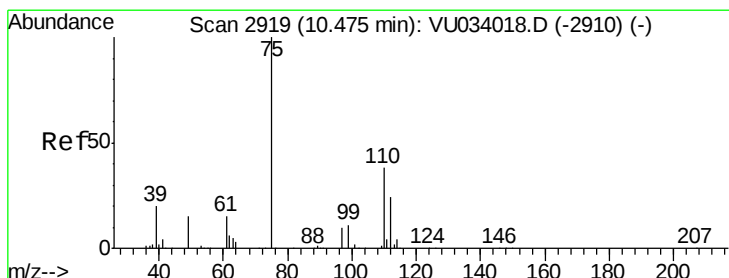
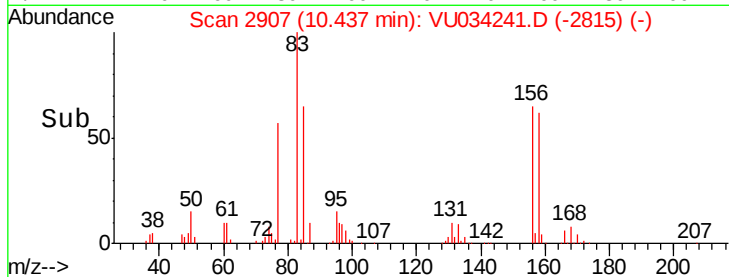
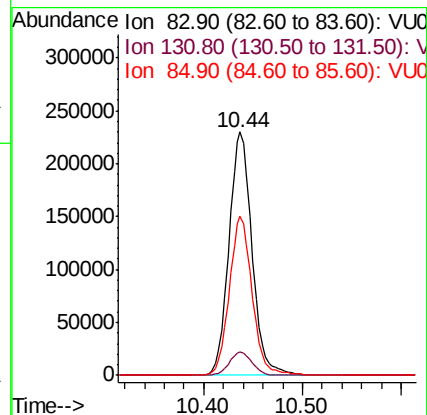
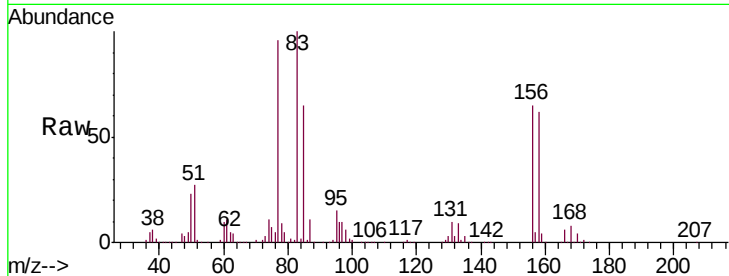
Tgt Ion: 83 Resp: 377180

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 55.098 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034241.D

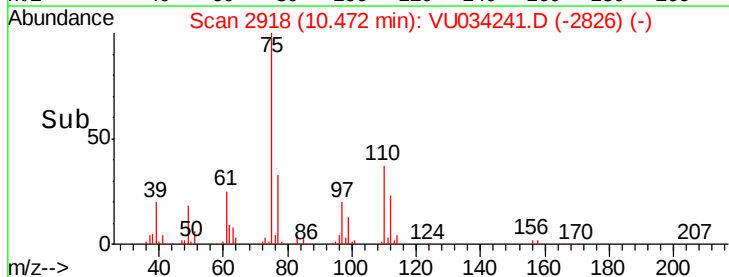
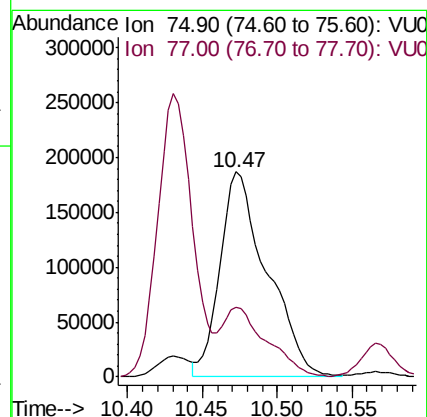
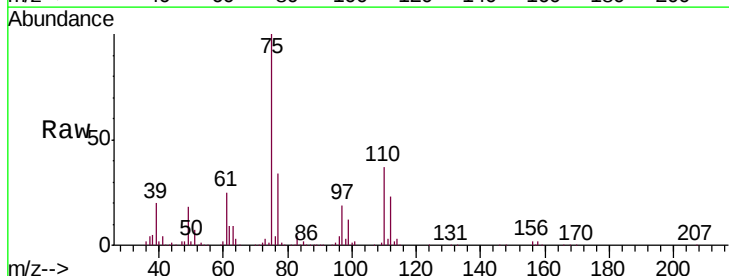
Acq: 03 Sep 2019 20:51

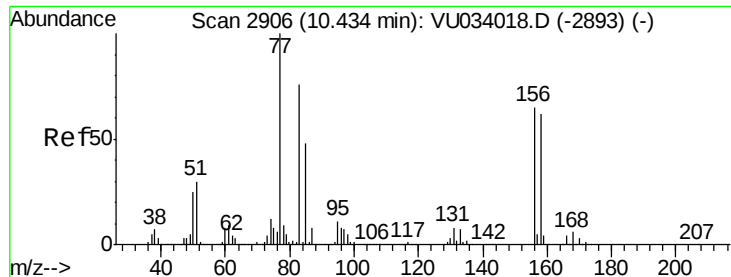
Tgt Ion: 75 Resp: 409142

Ion Ratio Lower Upper

75 100

77 31.2 20.1 60.2





#77

Bromobenzene

Concen: 45.896 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

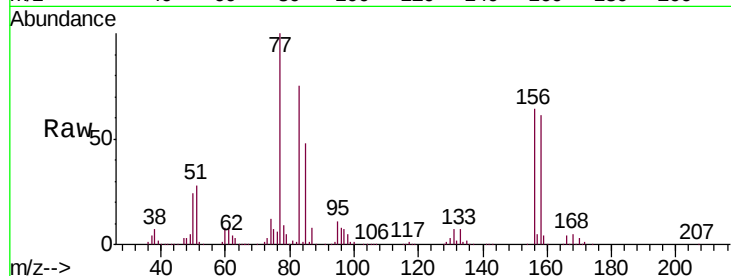
Tgt Ion:156 Resp: 273229

Ion Ratio Lower Upper

156 100

77 152.2 76.8 230.5

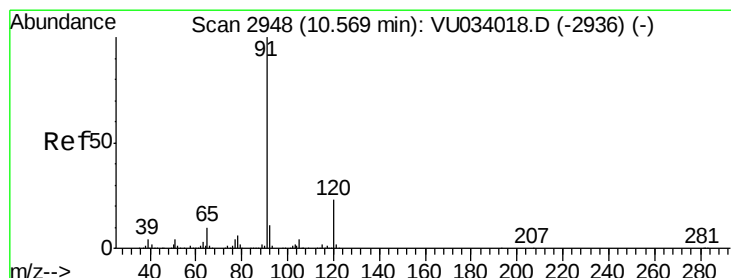
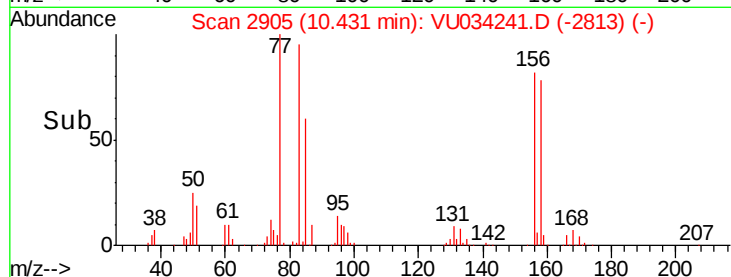
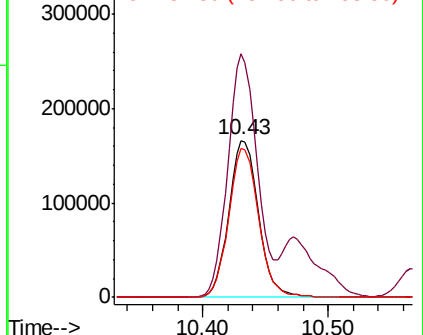
158 95.7 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.940 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034241.D

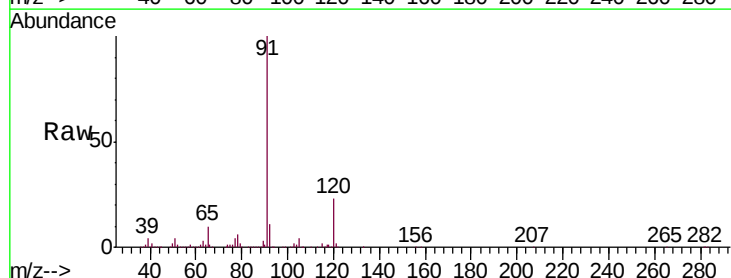
Acq: 03 Sep 2019 20:51

Tgt Ion: 91 Resp: 1209786

Ion Ratio Lower Upper

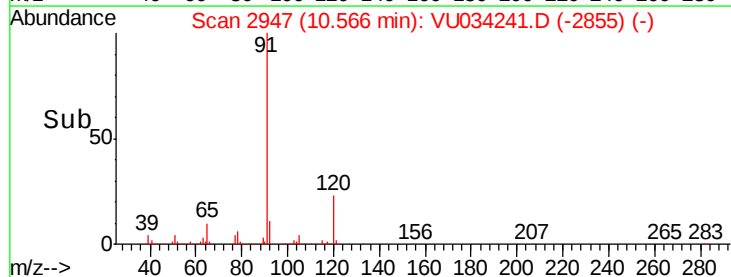
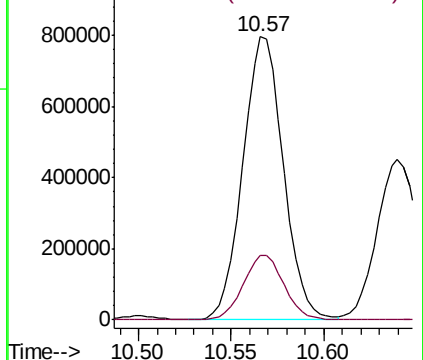
91 100

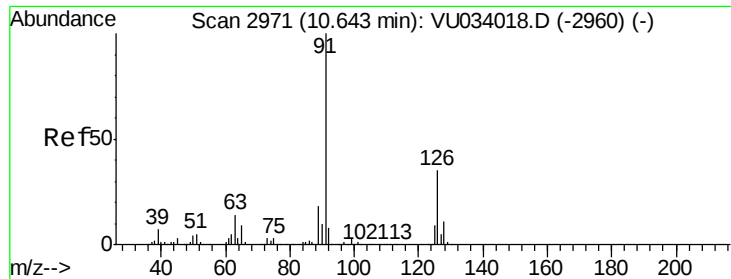
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.812 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034241.D

Acq: 03 Sep 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

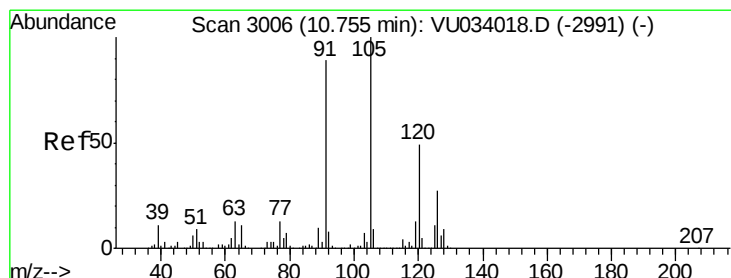
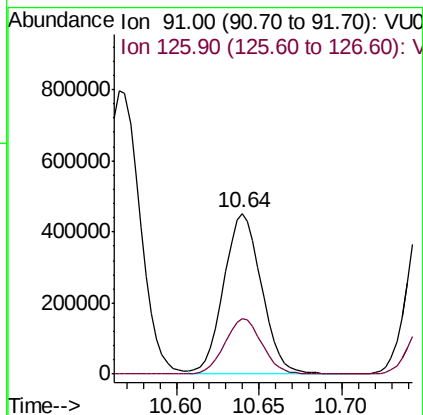
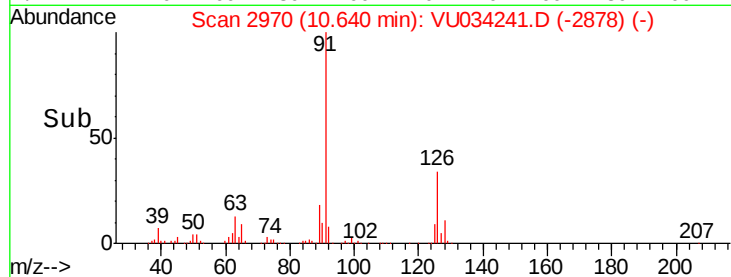
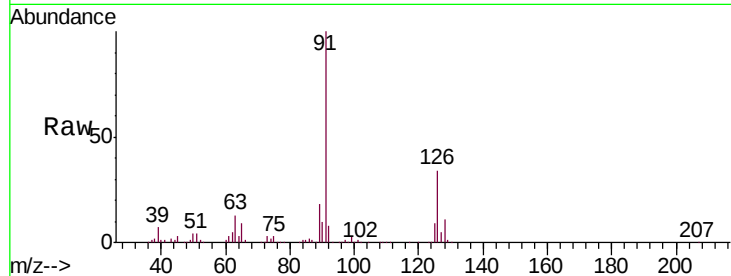
VSTDCCC050EC

Tgt Ion: 91 Resp: 708208

Ion Ratio Lower Upper

91 100

126 34.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 47.565 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034241.D

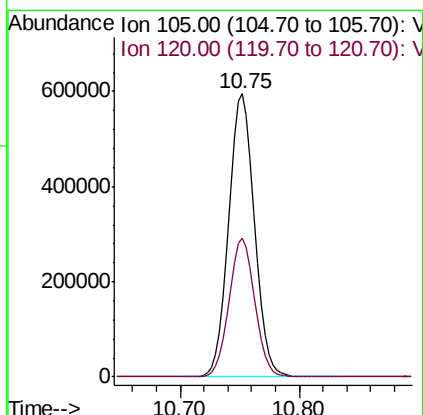
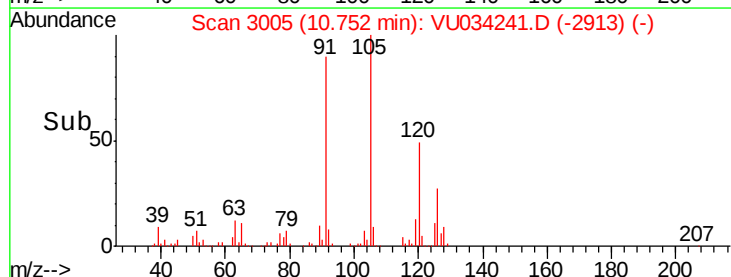
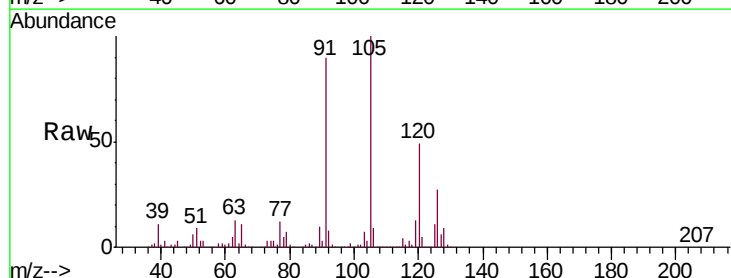
Acq: 03 Sep 2019 20:51

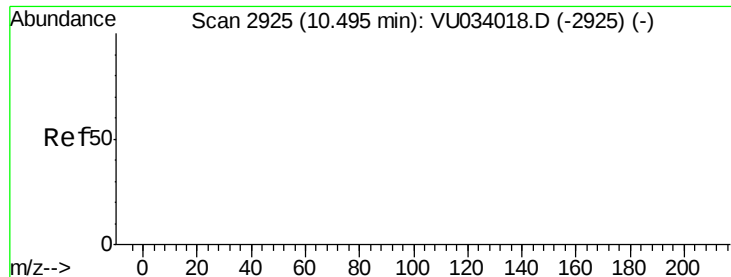
Tgt Ion: 105 Resp: 892183

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.6

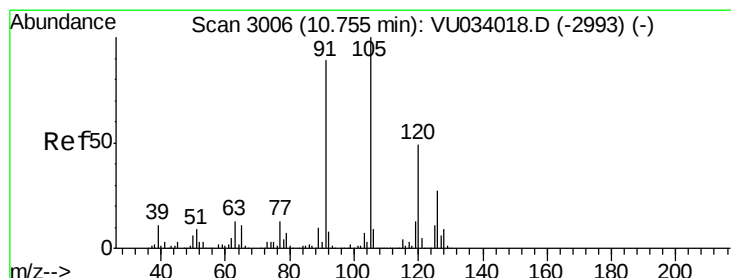
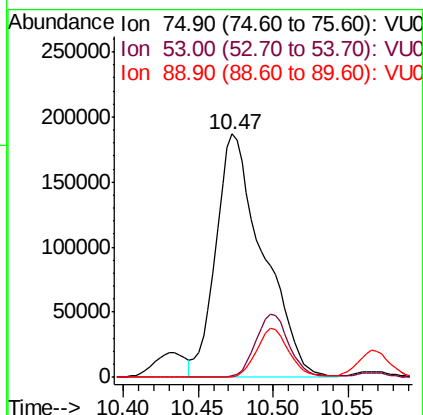
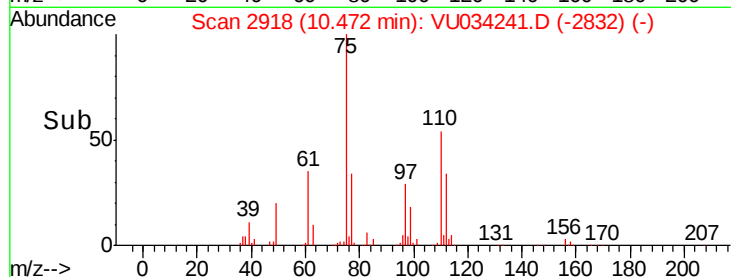
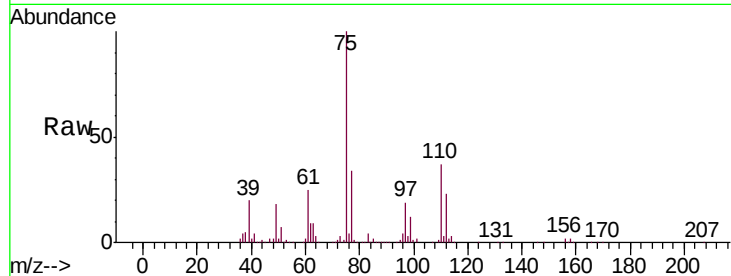




#81
trans-1,4-Dichloro-2-butene
Concen: 185.527 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

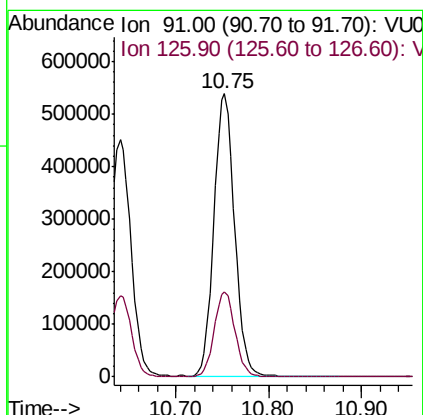
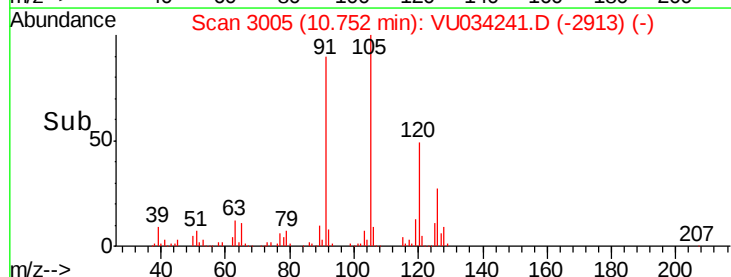
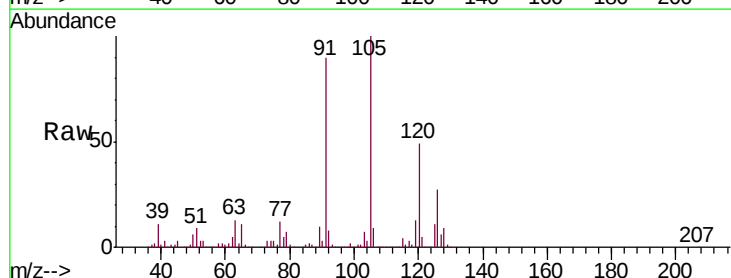
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

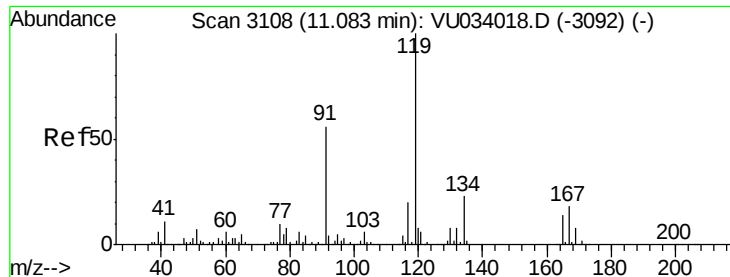
Tgt Ion: 75 Resp: 409142
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 46.736 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 91 Resp: 830919
Ion Ratio Lower Upper
91 100
126 30.2 15.0 45.1

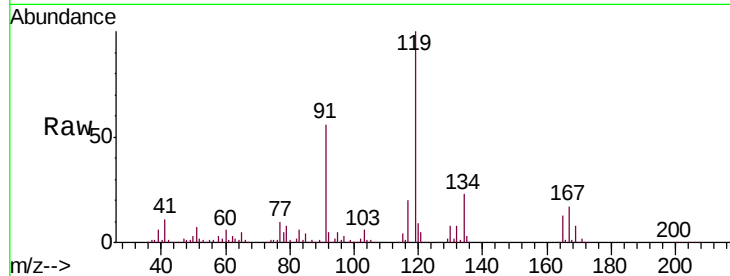




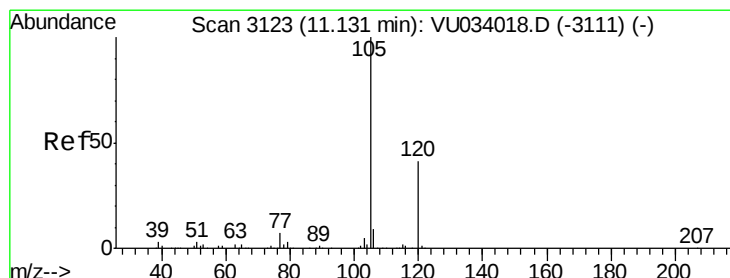
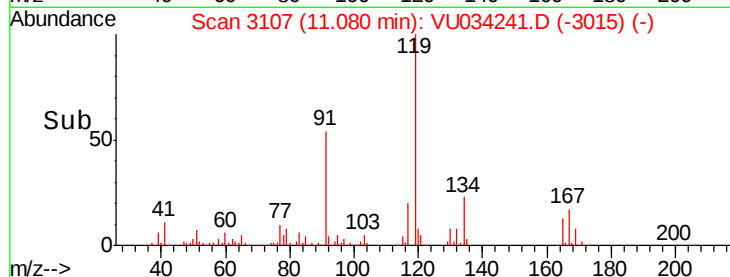
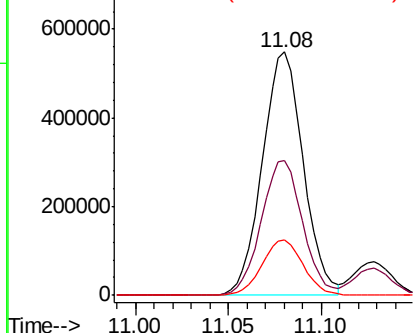
#83
 tert-Butylbenzene
 Concen: 45.761 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 844972
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.9 83.6
 134 23.0 11.4 34.2

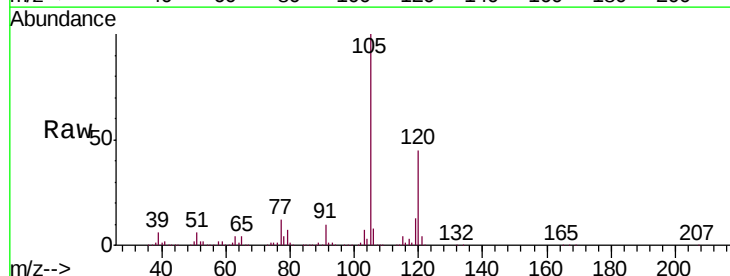


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

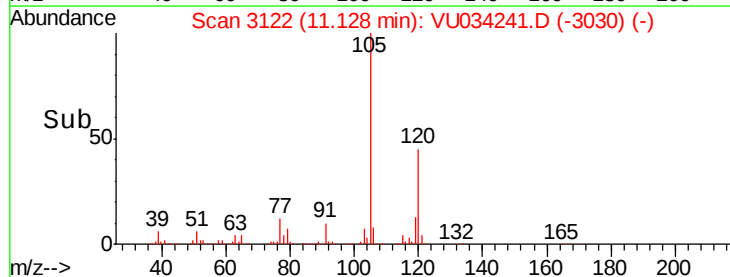
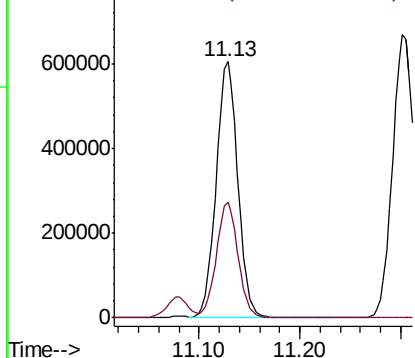


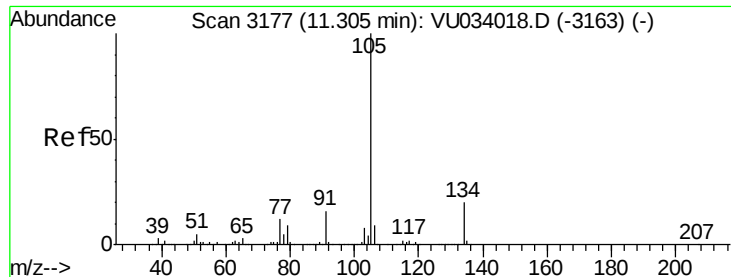
#84
 1,2,4-Trimethylbenzene
 Concen: 48.561 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion:105 Resp: 904478
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8



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

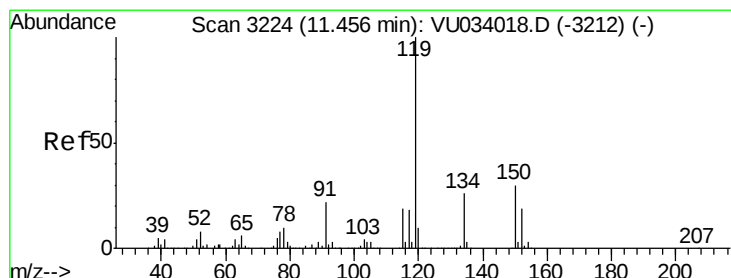
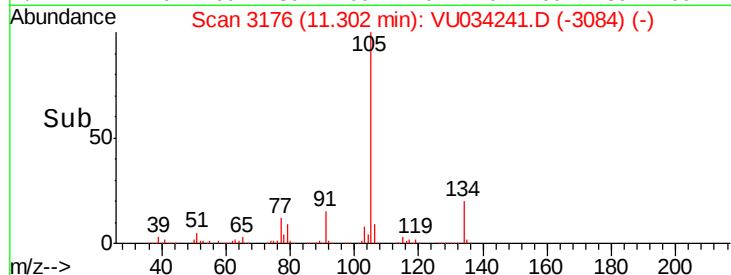
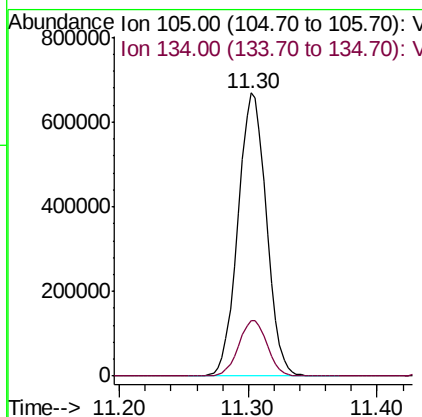
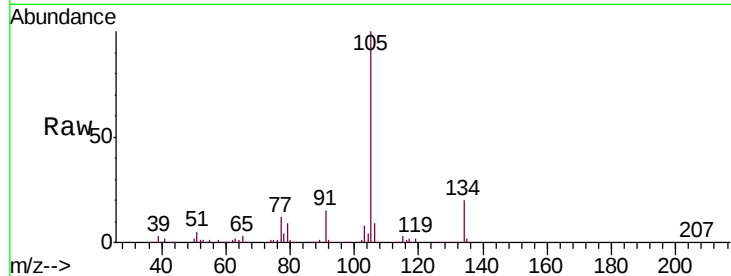




#85
 sec-Butylbenzene
 Concen: 46.118 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

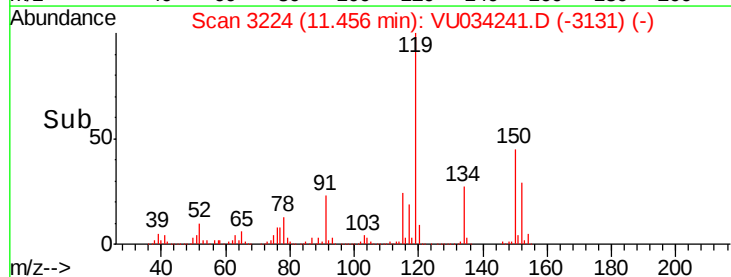
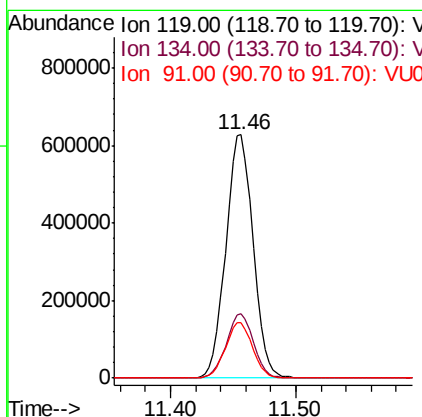
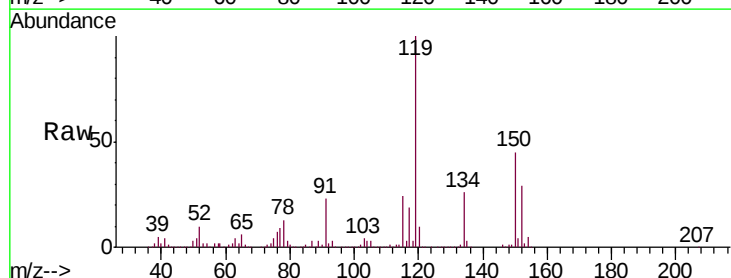
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

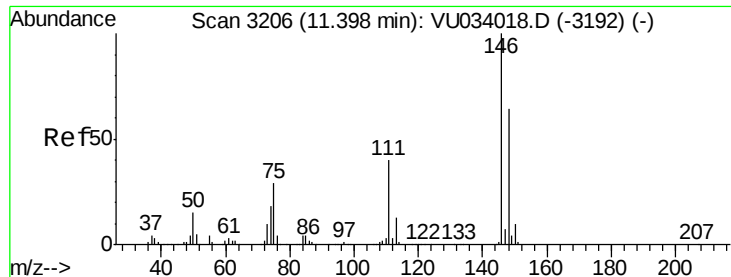
Tgt Ion:105 Resp: 1020640
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 46.993 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion:119 Resp: 940610
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.7 11.2 33.6

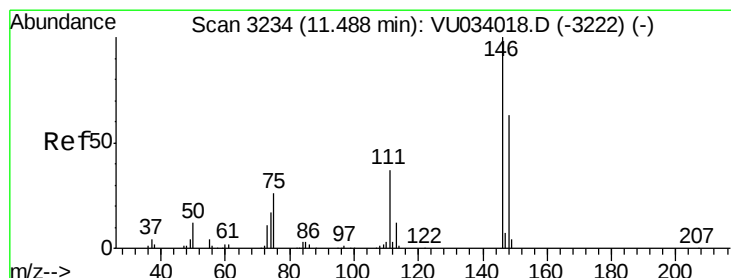
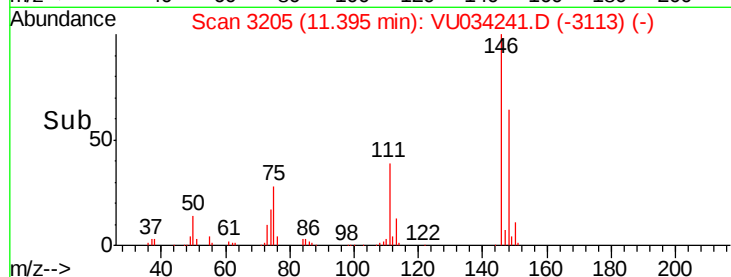
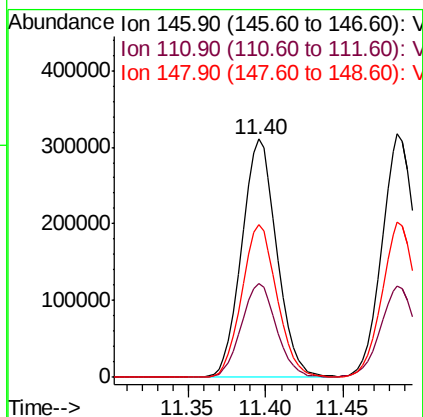
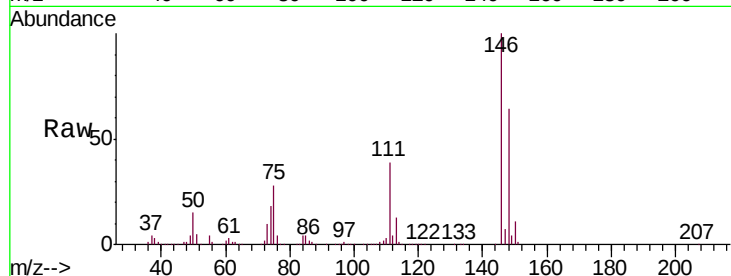




#87
 1,3-Dichlorobenzene
 Concen: 46.450 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

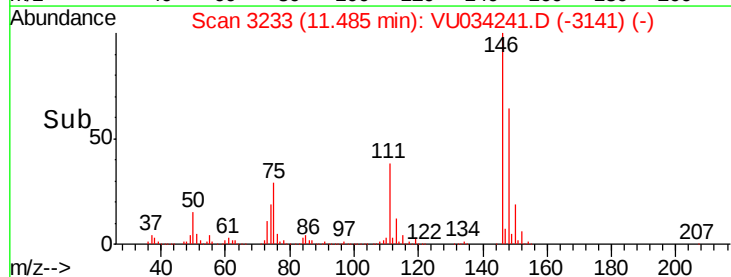
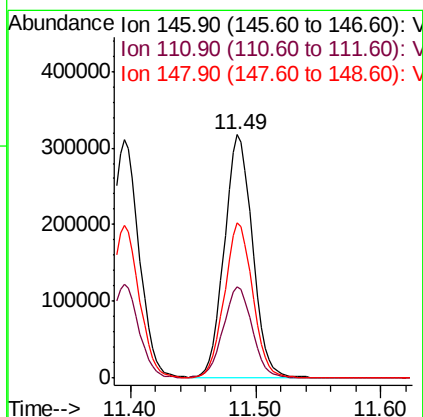
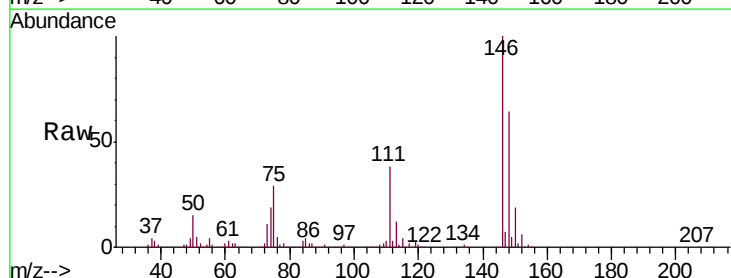
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

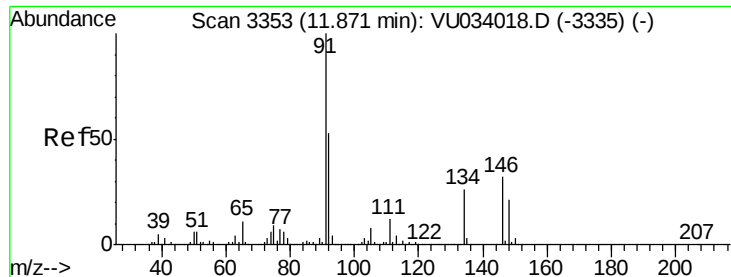
Tgt Ion:146 Resp: 489552
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.6
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.213 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion:146 Resp: 492573
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 63.9 31.9 95.9

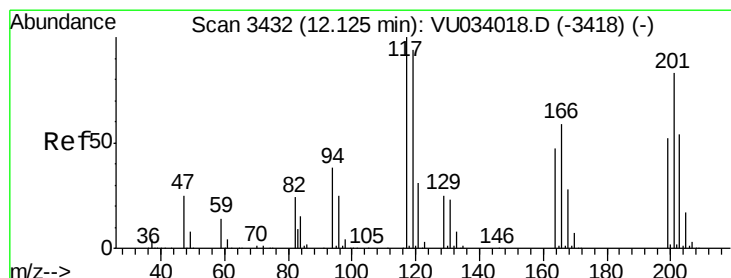
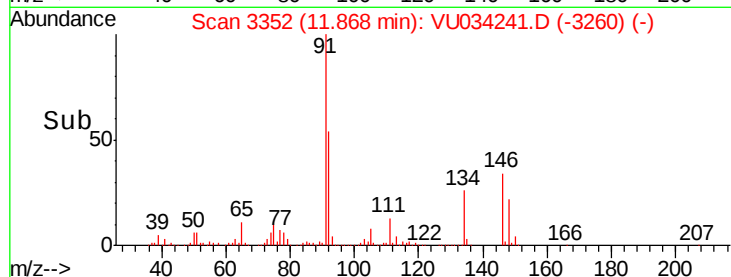
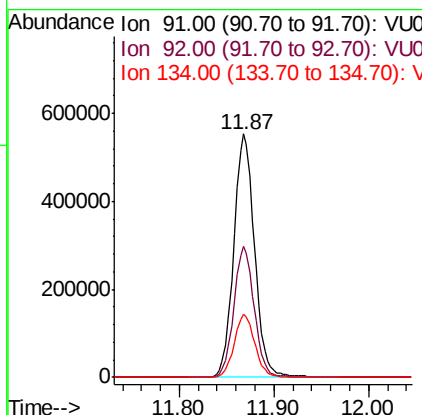
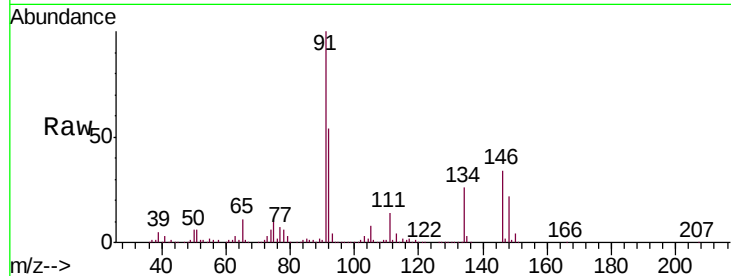




#89
n-Butylbenzene
Concen: 47.701 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

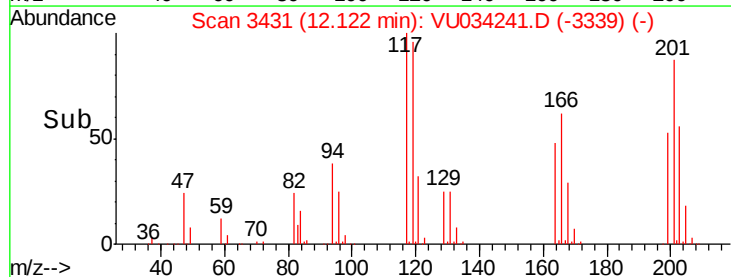
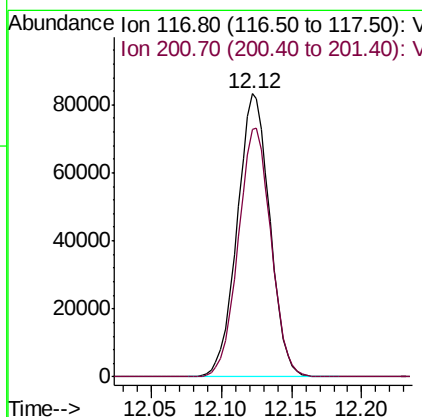
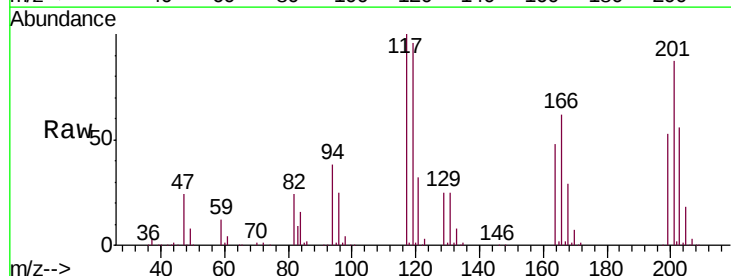
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

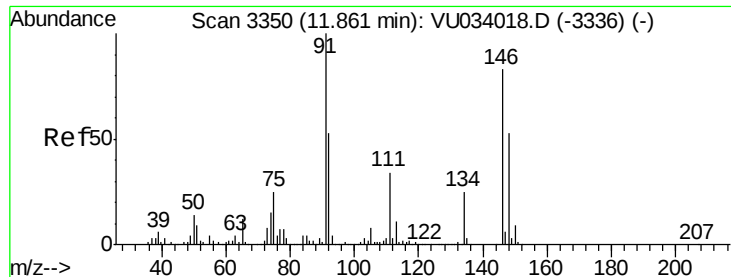
Tgt Ion: 91 Resp: 841790
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 38.939 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion: 117 Resp: 134751
Ion Ratio Lower Upper
117 100
201 88.1 42.5 127.6

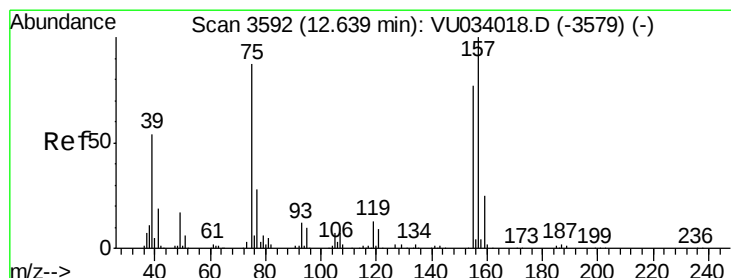
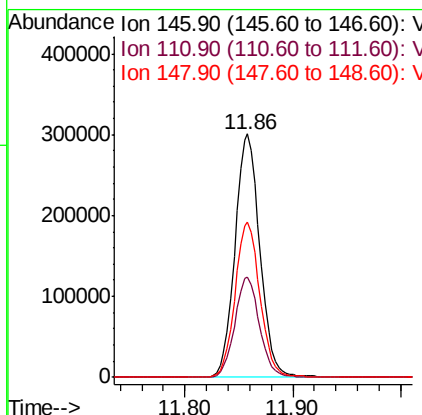
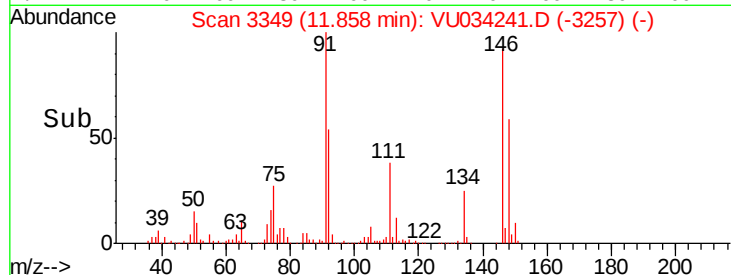
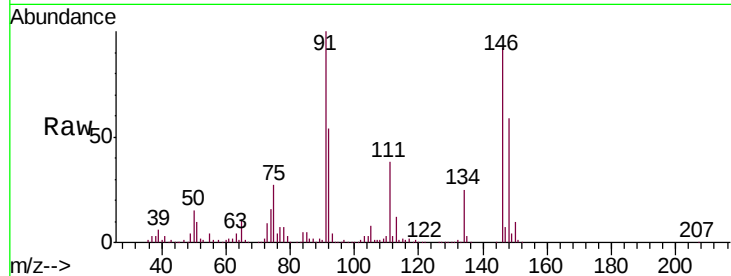




#91
 1,2-Dichlorobenzene
 Concen: 47.859 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

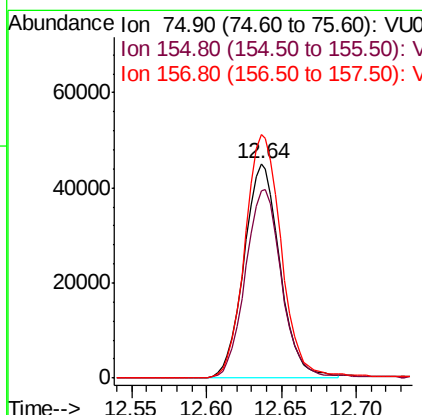
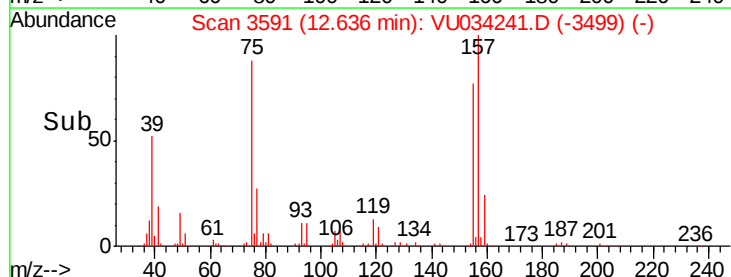
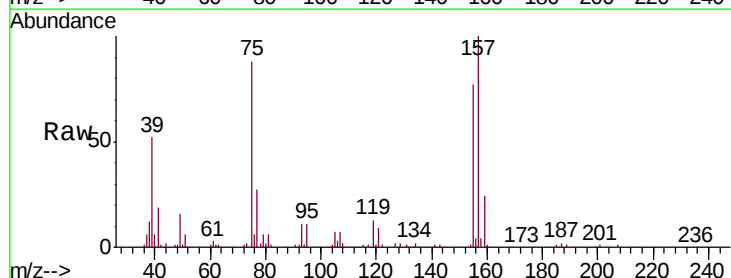
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 483176
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 64.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.765 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion: 75 Resp: 75540
 Ion Ratio Lower Upper
 75 100
 155 89.4 43.5 130.7
 157 116.1 56.9 170.6

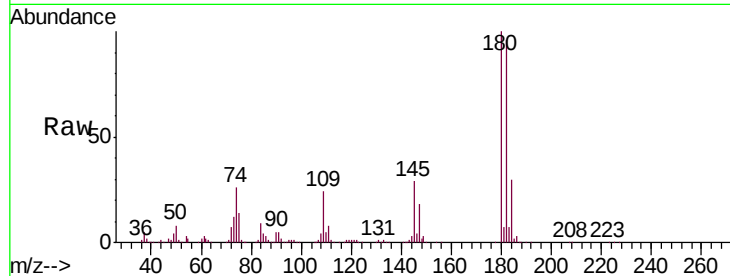




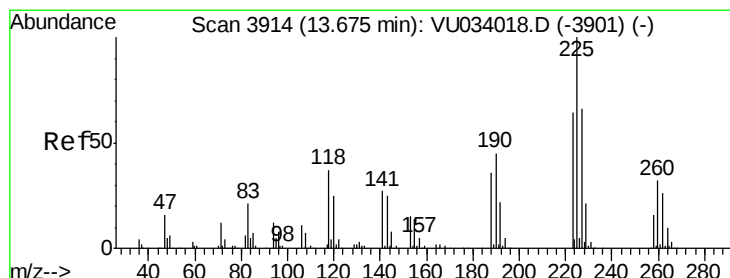
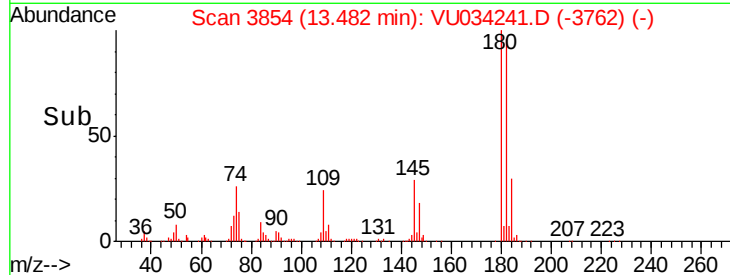
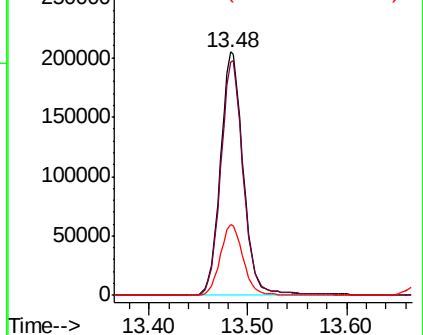
#93
 1,2,4-Trichlorobenzene
 Concen: 46.497 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 333322
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 29.1 14.1 42.3

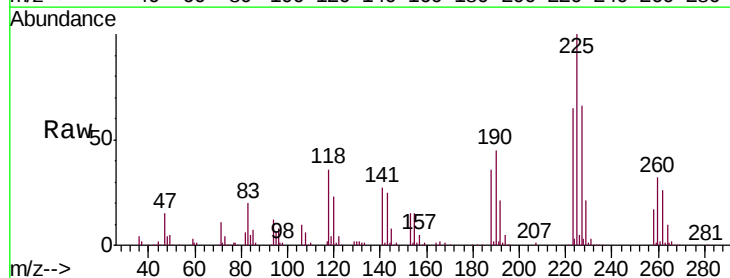


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

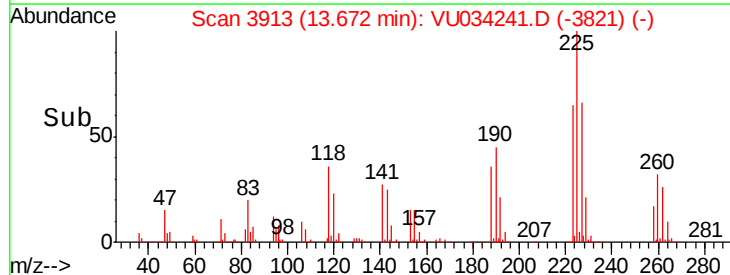
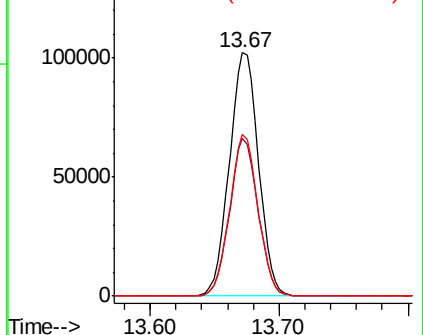


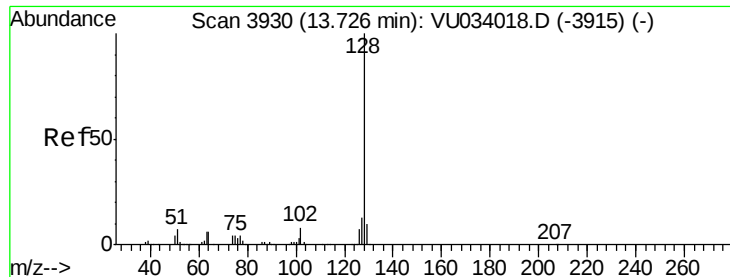
#94
 Hexachlorobutadiene
 Concen: 40.563 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034241.D
 Acq: 03 Sep 2019 20:51

Tgt Ion:225 Resp: 160199
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.8 95.3
 227 64.1 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

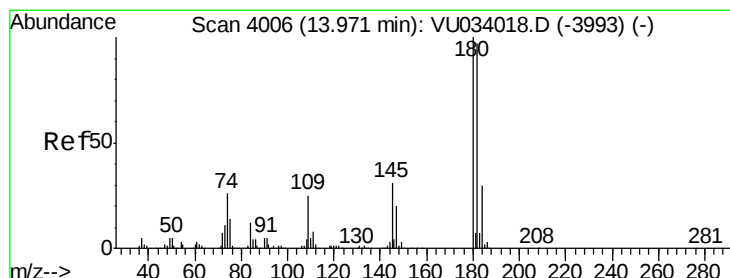
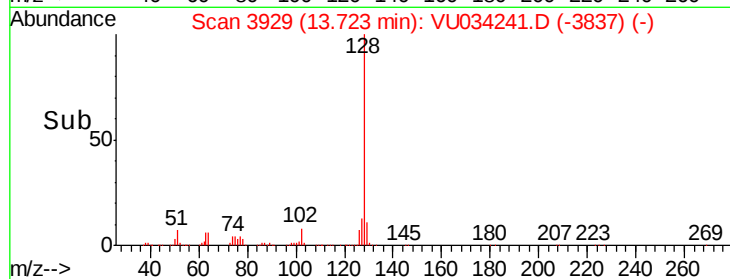
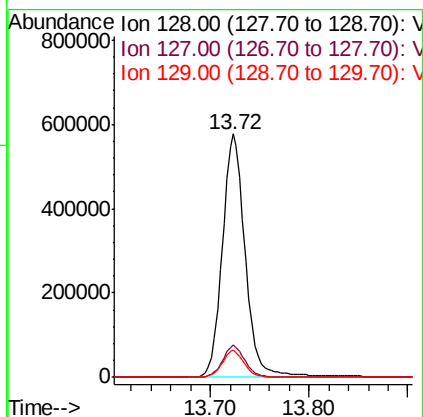
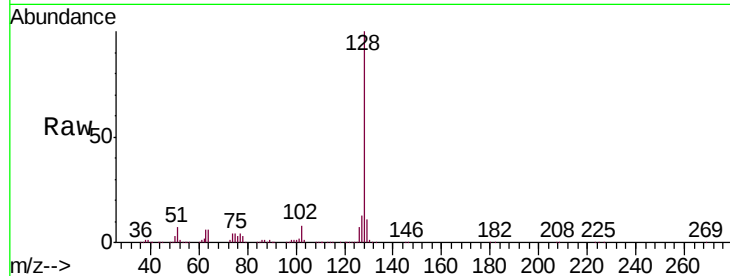




#95
Naphthalene
Concen: 45.911 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.3	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.921 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034241.D
Acq: 03 Sep 2019 20:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.2	144.6
145	30.8	15.5	46.5

