

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
 Data File : VU034344.D
 Acq On : 06 Sep 2019 20:26
 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 07 04:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	310479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	472263	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	458482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	297444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	229199	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	4.86	113	210270	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	7.55	98	817398	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.29	95	305870	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	147310	45.366	ug/l	98
3) Chloromethane	1.32	50	173648	49.498	ug/l	98
4) Vinyl Chloride	1.40	62	186434	46.075	ug/l	99
5) Bromomethane	1.61	94	117131	57.691	ug/l	100
6) Chloroethane	1.69	64	119021	50.620	ug/l	98
7) Trichlorofluoromethane	1.87	101	257566	47.474	ug/l	98
8) Diethyl Ether	2.09	74	118899	49.822	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.27	101	171122	47.621	ug/l	99
10) Methyl Iodide	2.40	142	169165	51.343	ug/l	99
11) Tert butyl alcohol	2.81	59	268617	270.663	ug/l	99
12) 1,1-Dichloroethene	2.27	96	164598	48.726	ug/l	99
13) Acrolein	2.18	56	129385	155.113	ug/l	98
14) Allyl chloride	2.58	41	271137	41.984	ug/l	92
15) Acrylonitrile	2.92	53	637071	257.777	ug/l	98
16) Acetone	2.31	43	501446	206.271	ug/l	98
17) Carbon Disulfide	2.46	76	335104	44.138	ug/l	100
18) Methyl Acetate	2.60	43	280427	47.407	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	649092	52.717	ug/l	100
20) Methylene Chloride	2.69	84	209250	52.572	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	174718	49.081	ug/l	97
22) Diisopropyl ether	3.55	45	654902	52.000	ug/l	99
23) Vinyl Acetate	3.50	43	2728860	266.001	ug/l	99
24) 1,1-Dichloroethane	3.43	63	362853	48.244	ug/l	99
25) 2-Butanone	4.24	43	828553	255.327	ug/l	98
26) 2,2-Dichloropropane	4.20	77	274006	45.297	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	225317	52.115	ug/l	97
28) Bromochloromethane	4.52	49	169019	48.857	ug/l	97
29) Tetrahydrofuran	4.61	42	525296	266.020	ug/l	99
30) Chloroform	4.65	83	364894	47.729	ug/l	100
31) Cyclohexane	4.97	56	266517	48.436	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	300930	49.233	ug/l	98
36) 1,1-Dichloropropene	5.12	75	243251	47.494	ug/l	99
37) Ethyl Acetate	4.36	43	304307	50.252	ug/l	99
38) Carbon Tetrachloride	5.11	117	256141	46.838	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	266009	48.585	ug/l	97
40) Benzene	5.37	78	782768	47.364	ug/l	100
41) Methacrylonitrile	4.52	41	165072	51.176	ug/l	98
42) 1,2-Dichloroethane	5.38	62	265550	46.280	ug/l	99
43) Isopropyl Acetate	5.53	43	477540	50.551	ug/l	99
44) Trichloroethene	6.16	130	226045	49.428	ug/l	99
45) 1,2-Dichloropropane	6.41	63	231614	47.939	ug/l	99
46) Dibromomethane	6.54	93	143987	47.478	ug/l	98
47) Bromodichloromethane	6.74	83	295999	47.416	ug/l	99
48) Methyl methacrylate	6.60	41	225443	50.247	ug/l	99
49) 1,4-Dioxane	6.59	88	106441	1086.416	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	1625316	248.560	ug/l	99
52) Toluene	7.62	92	510908	49.281	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	318722	49.252	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	352092	49.574	ug/l	100
55) 1,1,2-Trichloroethane	8.04	97	224216	47.630	ug/l	99
56) Ethyl methacrylate	8.00	69	345516	48.414	ug/l	99
57) 1,3-Dichloropropane	8.22	76	371331	48.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	591810	244.941	ug/l	100
59) 2-Hexanone	8.34	43	1226697	251.119	ug/l	98
60) Dibromochloromethane	8.46	129	250296	49.571	ug/l	99
61) 1,2-Dibromoethane	8.57	107	226142	49.081	ug/l	100
64) Tetrachloroethene	8.21	164	196709	49.454	ug/l	97
65) Chlorobenzene	9.10	112	593756	51.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	220598	49.694	ug/l	100
67) Ethyl Benzene	9.23	91	1000026	52.581	ug/l	99
68) m/p-Xylenes	9.35	106	767760	107.203	ug/l	99
69) o-Xylene	9.76	106	379809	54.228	ug/l	99
70) Styrene	9.77	104	677038	55.135	ug/l	99
71) Bromoform	9.94	173	198438	51.579	ug/l #	99
73) Isopropylbenzene	10.14	105	1036613	53.552	ug/l	100
74) N-amyl acetate	9.99	43	441270	56.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	388581	49.594	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	414022	63.768	ug/l	84
77) Bromobenzene	10.43	156	279804	51.696	ug/l	97
78) n-propylbenzene	10.57	91	1184339	52.978	ug/l	99
79) 2-Chlorotoluene	10.64	91	710758	52.107	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	880605	54.395	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	414022	214.446	ug/l #	100
82) 4-Chlorotoluene	10.75	91	822347	52.388	ug/l	99
83) tert-Butylbenzene	11.08	119	878363	54.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.12	105	892261	54.753	ug/l	99
85) sec-Butylbenzene	11.30	105	1041957	54.497	ug/l	100
86) p-Isopropyltoluene	11.45	119	967676	54.835	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	511390	51.778	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	515770	50.067	ug/l	99
89) n-Butylbenzene	11.87	91	850956	55.489	ug/l	100
90) Hexachloroethane	12.12	117	142426	50.446	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	500261	51.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	79024	54.886	ug/l	96

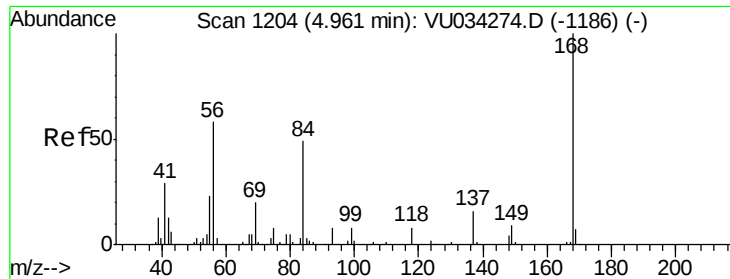
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	368926	52.240	ug/l	100
94) Hexachlorobutadiene	13.67	225	163424	48.132	ug/l	99
95) Naphthalene	13.72	128	1125831	56.252	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	363761	53.313	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

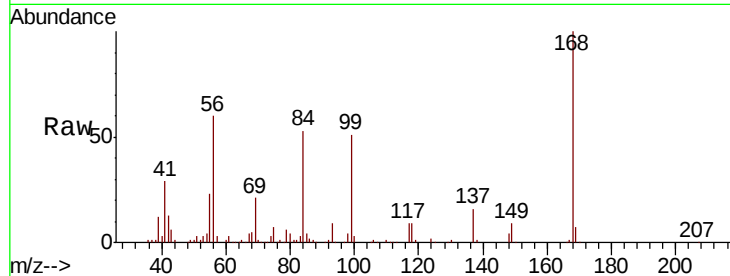
VSTDCCC050EC

Tgt Ion:168 Resp: 310479

Ion Ratio Lower Upper

168 100

99 50.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034344.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034344.D (-1186) (-)

4.96

150000

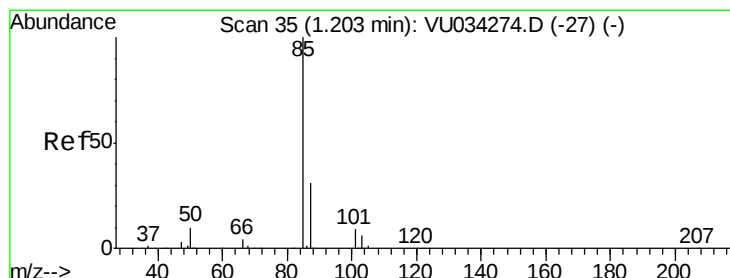
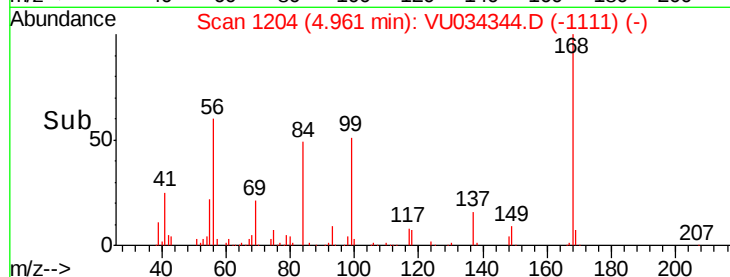
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.366 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034344.D

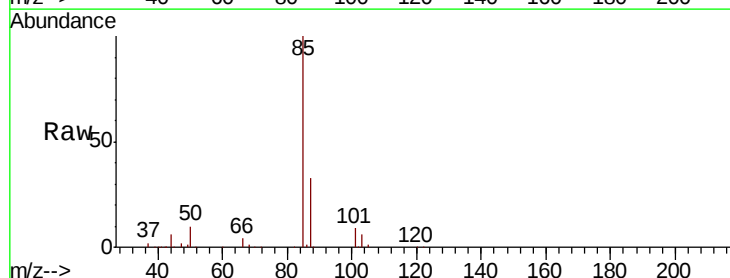
Acq: 06 Sep 2019 20:26

Tgt Ion: 85 Resp: 147310

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034344.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034344.D (-27) (-)

1.20

150000

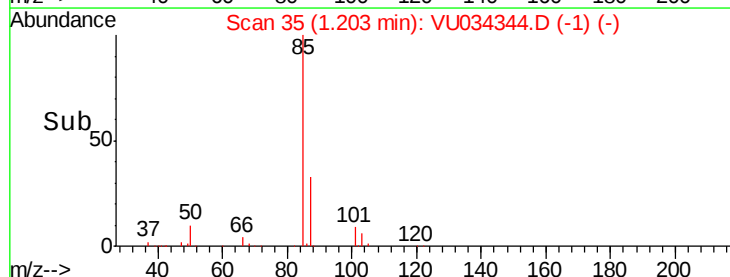
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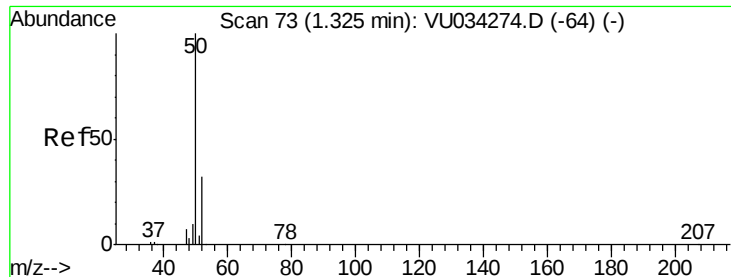
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 49.498 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

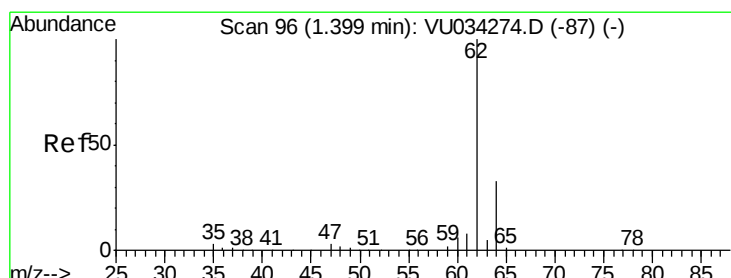
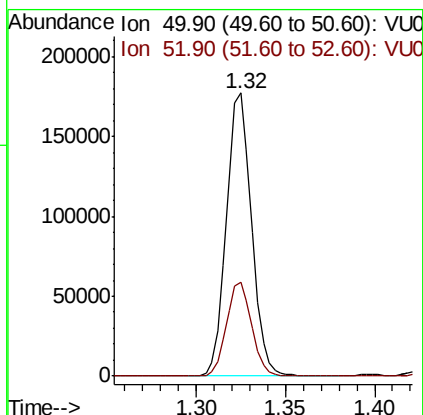
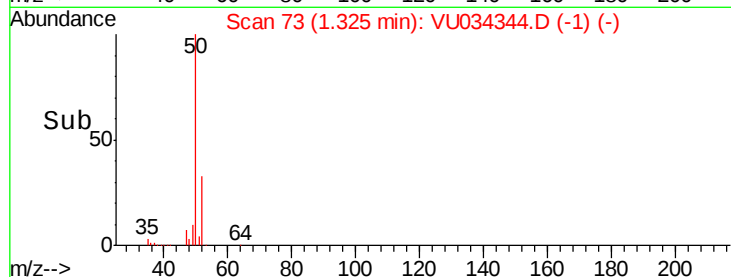
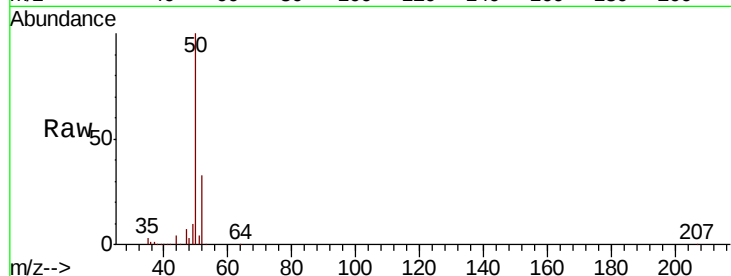
VSTDCCC050EC

Tgt Ion: 50 Resp: 173648

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 46.075 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034344.D

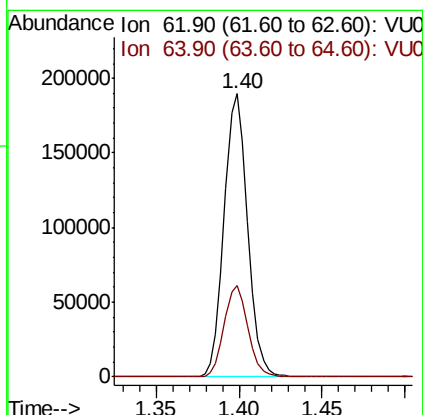
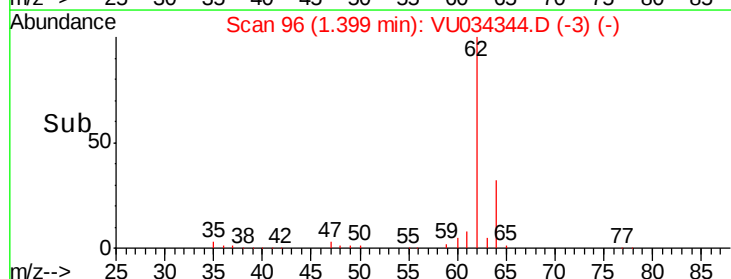
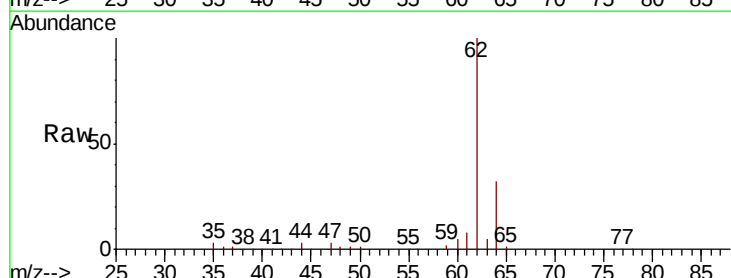
Acq: 06 Sep 2019 20:26

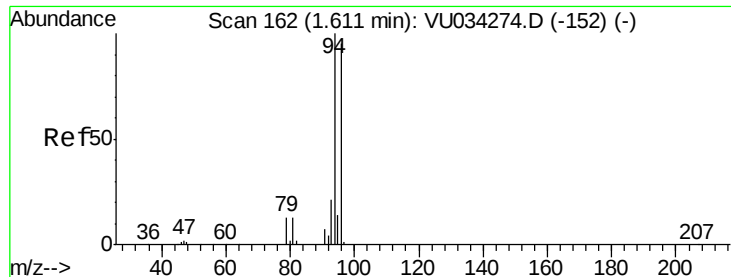
Tgt Ion: 62 Resp: 186434

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 57.691 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

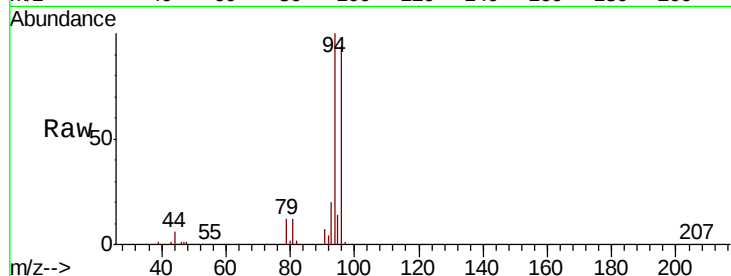
VSTDCCC050EC

Tgt Ion: 94 Resp: 117131

Ion Ratio Lower Upper

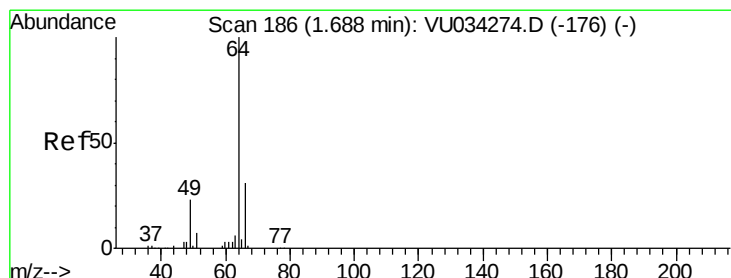
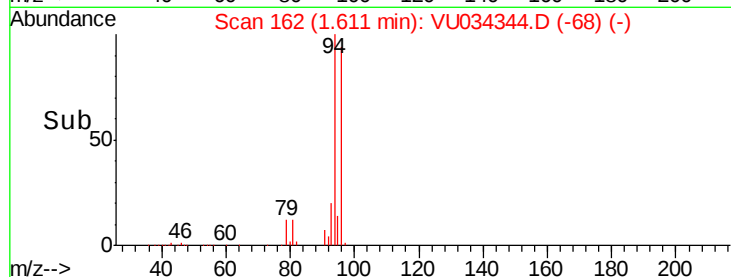
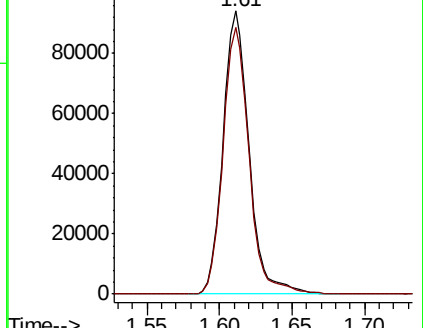
94 100

96 94.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)



#6

Chloroethane

Concen: 50.620 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034344.D

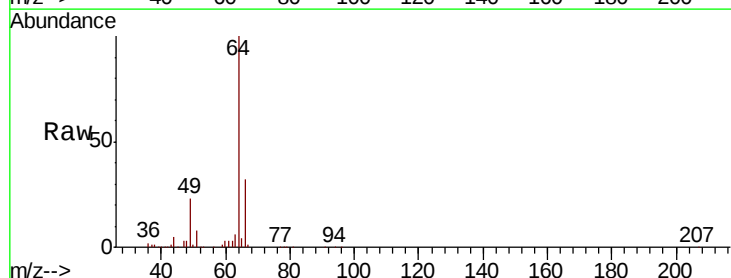
Acq: 06 Sep 2019 20:26

Tgt Ion: 64 Resp: 119021

Ion Ratio Lower Upper

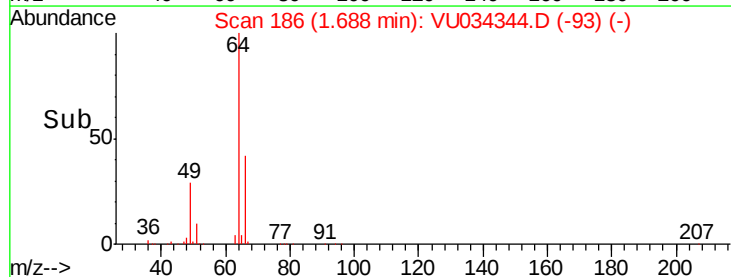
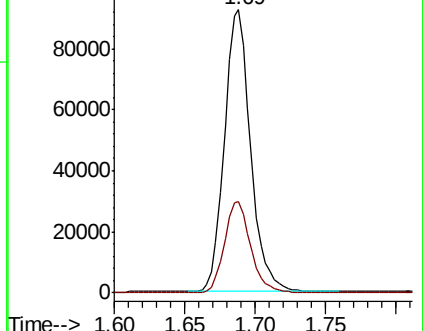
64 100

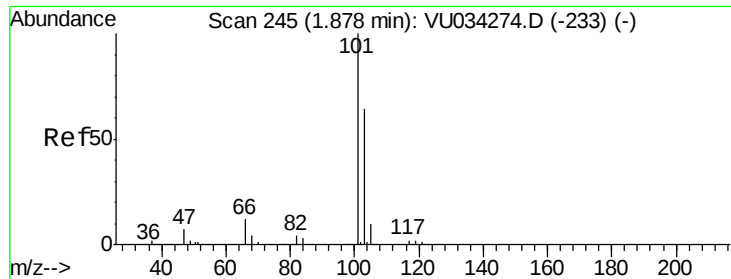
66 32.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034274.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034274.D (-176) (-)





#7

Trichlorofluoromethane

Concen: 47.474 ug/l

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

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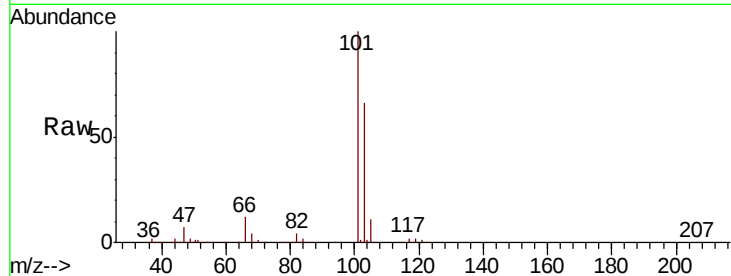
VSTDCCC050EC

Tgt Ion:101 Resp: 257566

Ion Ratio Lower Upper

101 100

103 65.7 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.87

200000

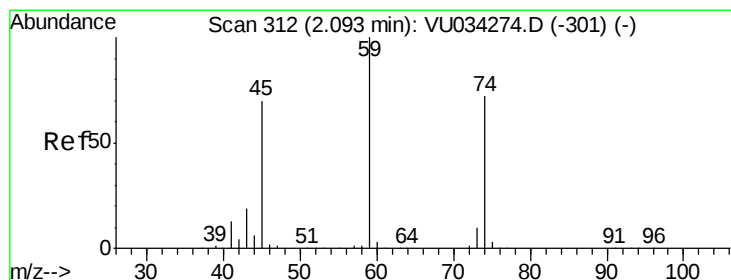
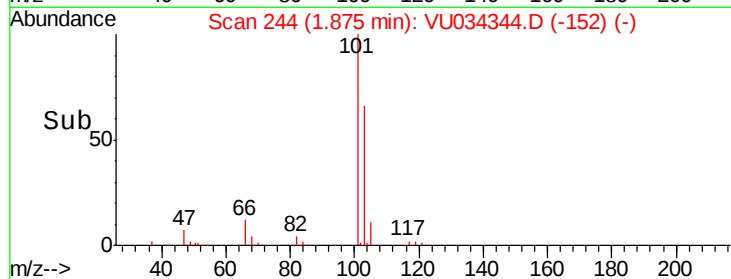
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 49.822 ug/l

RT: 2.09 min Scan# 312

Delta R.T. -0.00 min

Lab File: VU034344.D

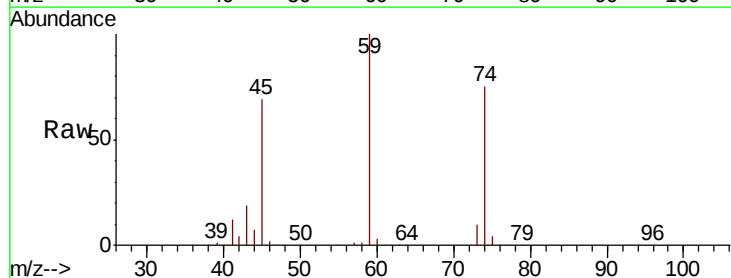
Acq: 06 Sep 2019 20:26

Tgt Ion: 74 Resp: 118899

Ion Ratio Lower Upper

74 100

45 93.6 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.09

100000

80000

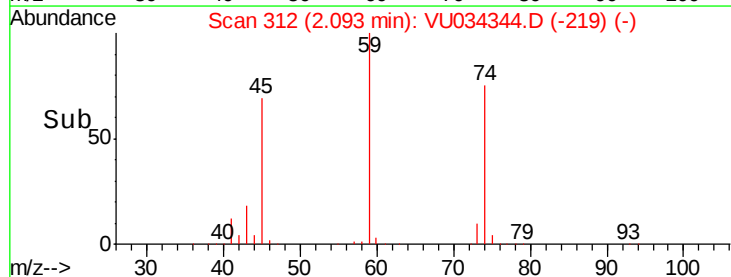
60000

40000

20000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.621 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

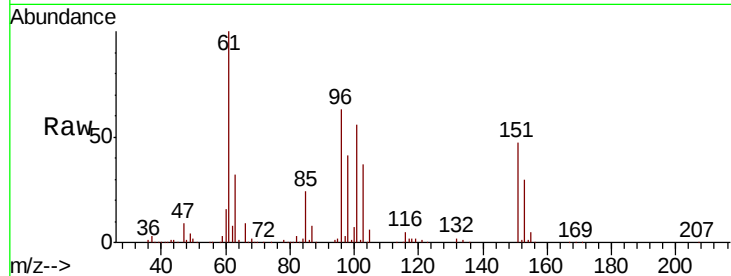
Tgt Ion:101 Resp: 171122

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

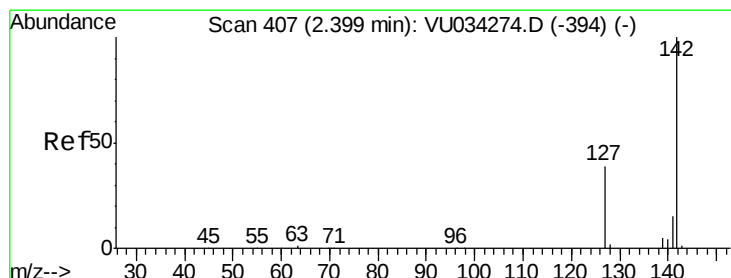
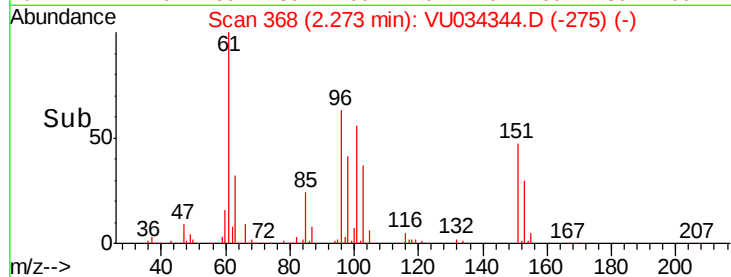
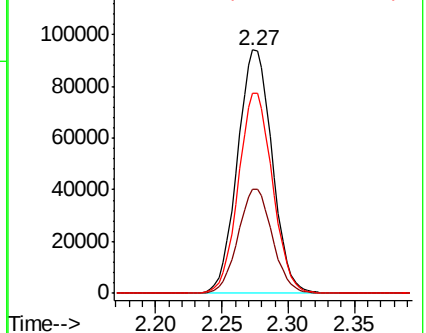
151 80.8 64.4 96.6



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: 51.343 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

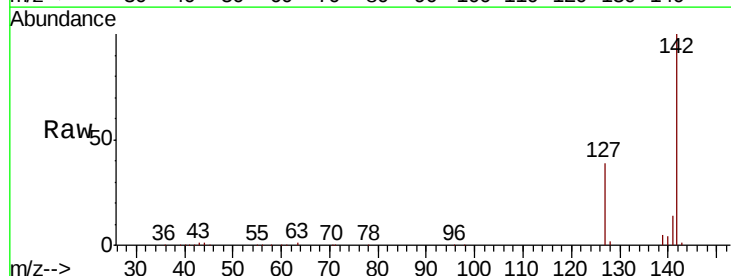
Tgt Ion:142 Resp: 169165

Ion Ratio Lower Upper

142 100

127 39.2 32.1 48.1

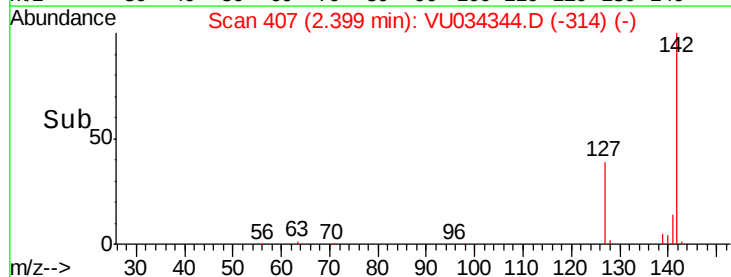
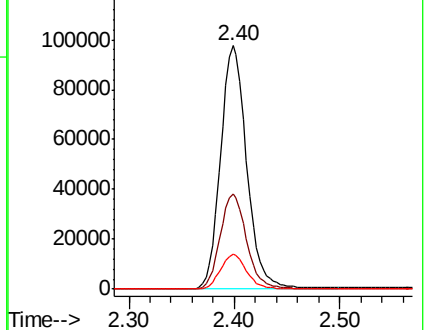
141 14.2 11.5 17.3

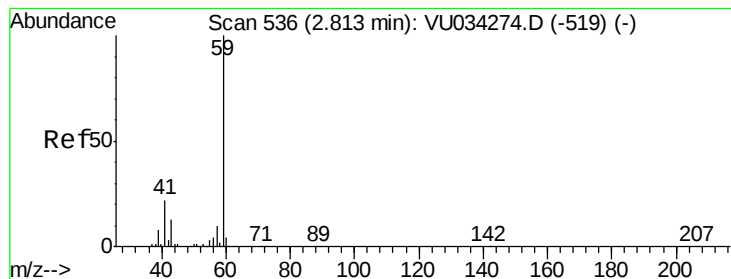


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



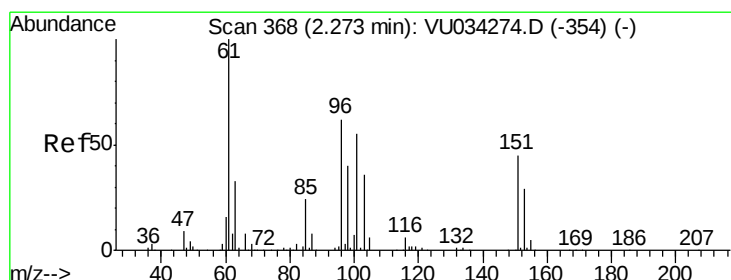
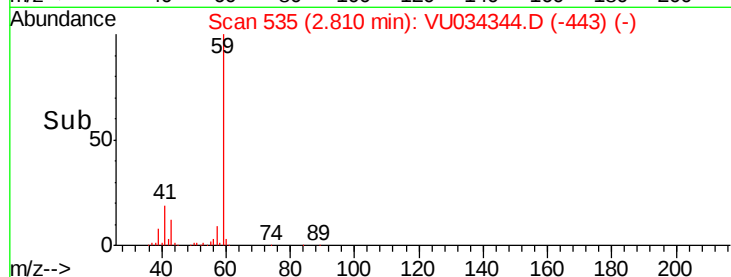
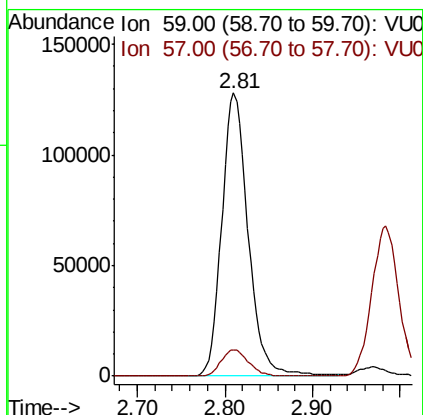
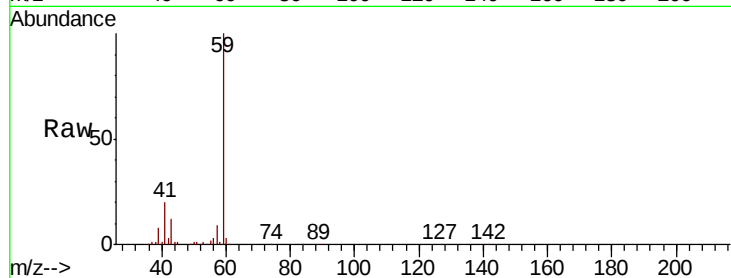


#11

Tert butyl alcohol
 Concen: 270.663 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

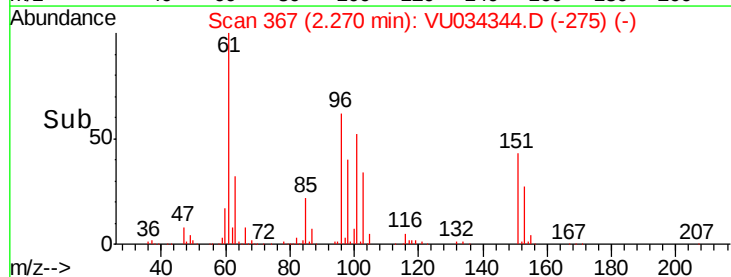
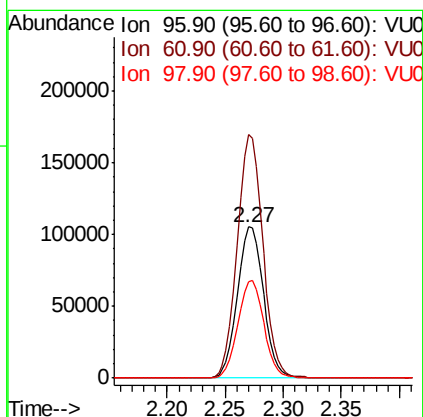
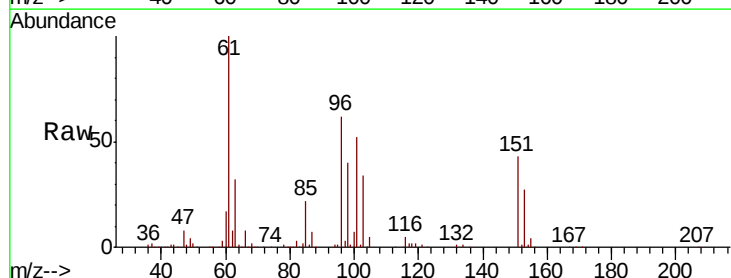
Tgt Ion: 59 Resp: 268617
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

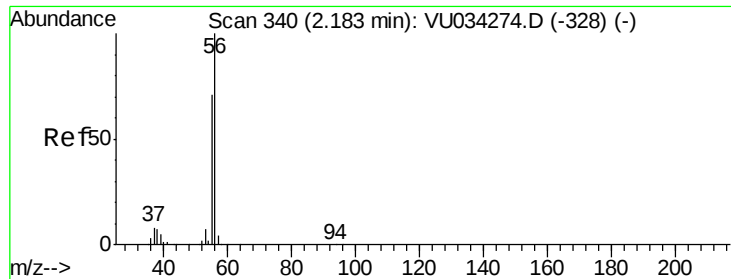


#12

1,1-Dichloroethene
 Concen: 48.726 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 96 Resp: 164598
 Ion Ratio Lower Upper
 96 100
 61 161.3 130.0 195.0
 98 63.8 52.2 78.4





#13

Acrolein

Concen: 155.113 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

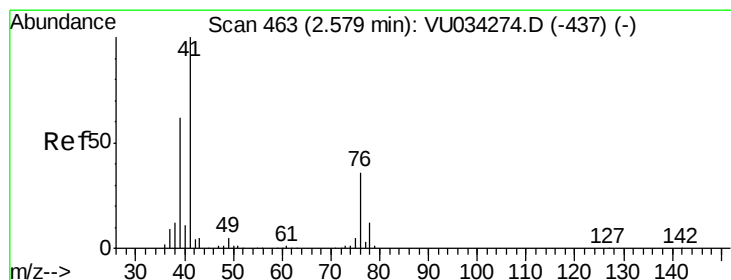
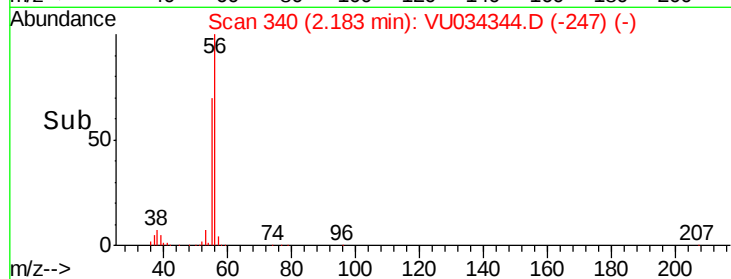
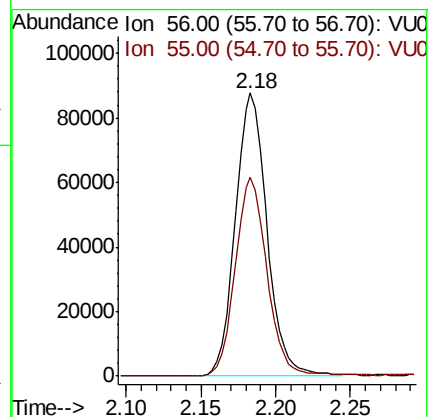
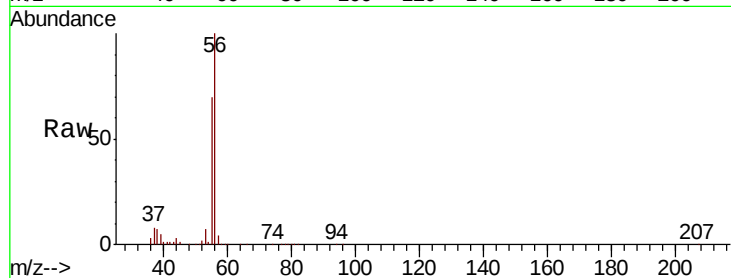
VSTDCCC050EC

Tgt Ion: 56 Resp: 129385

Ion Ratio Lower Upper

56 100

55 70.4 57.4 86.2



#14

Allyl chloride

Concen: 41.984 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

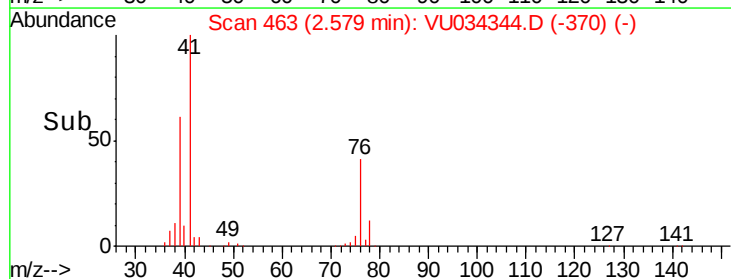
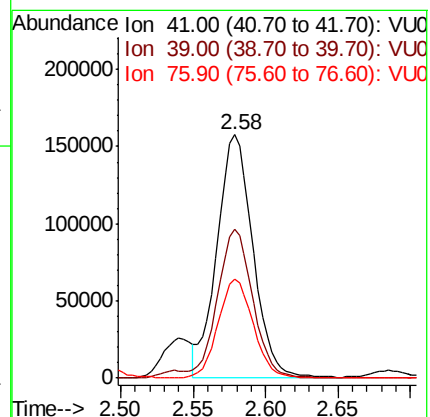
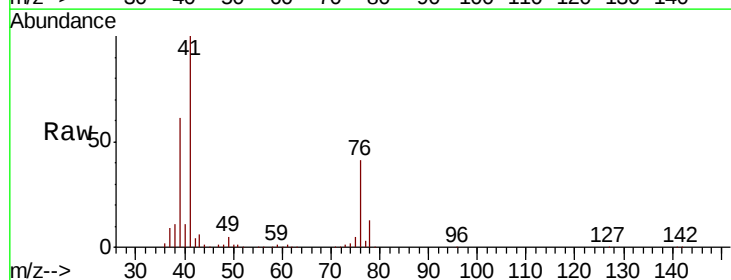
Tgt Ion: 41 Resp: 271137

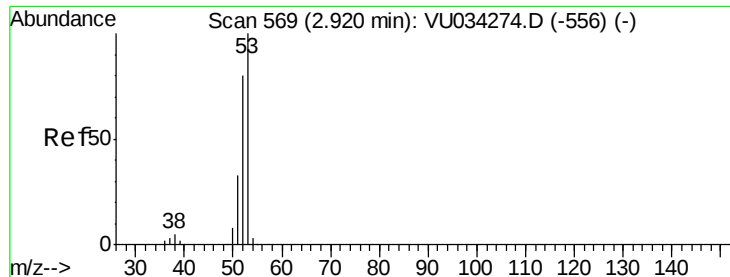
Ion Ratio Lower Upper

41 100

39 59.9 43.5 65.3

76 39.2 27.0 40.6





#15

Acrylonitrile

Concen: 257.777 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

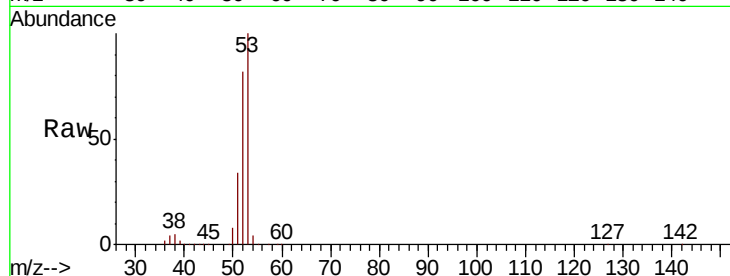
Tgt Ion: 53 Resp: 637071

Ion Ratio Lower Upper

53 100

52 82.6 64.1 96.1

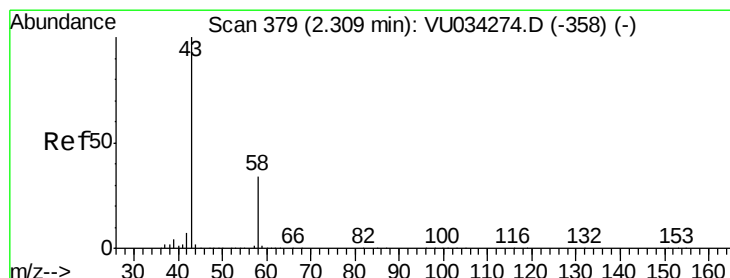
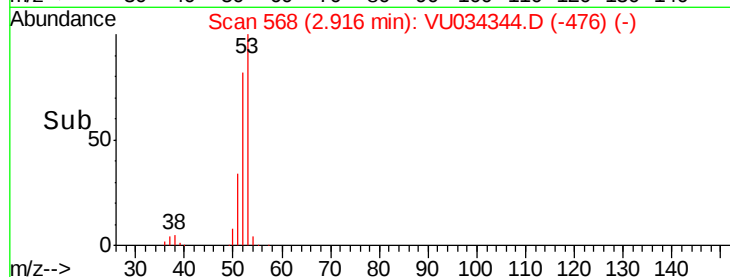
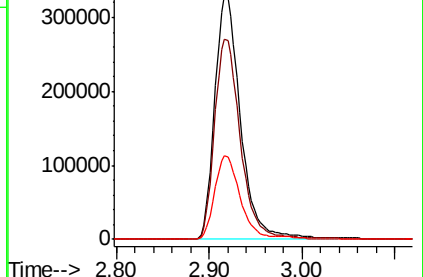
51 35.1 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034344.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034344.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034344.D (-556) (-)



#16

Acetone

Concen: 206.271 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034344.D

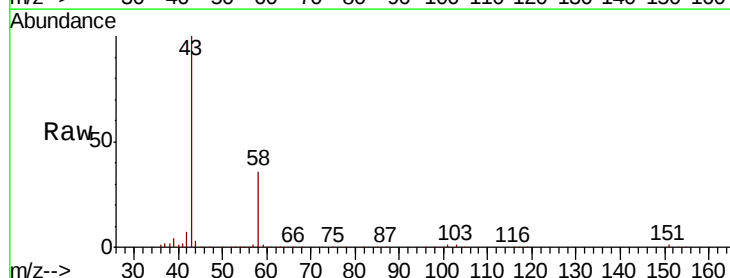
Acq: 06 Sep 2019 20:26

Tgt Ion: 43 Resp: 501446

Ion Ratio Lower Upper

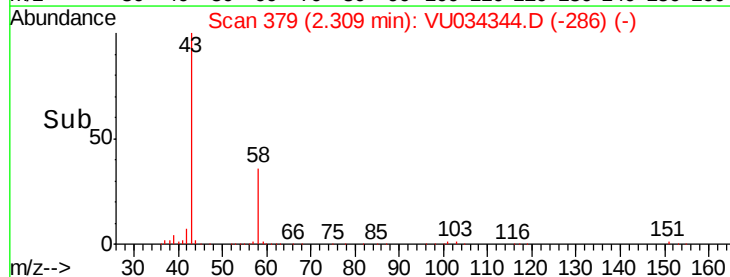
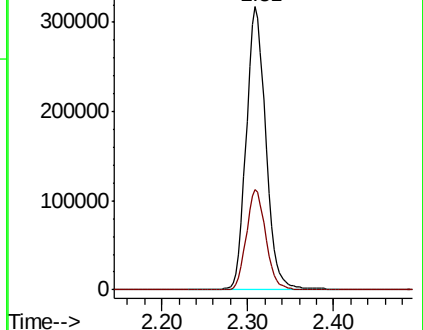
43 100

58 35.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034344.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034344.D (-286) (-)

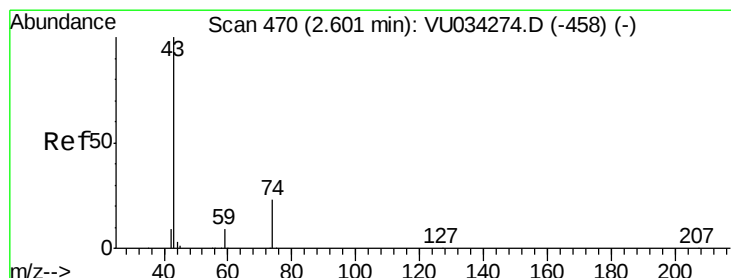
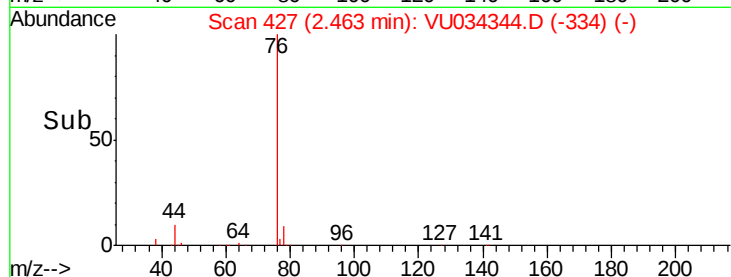
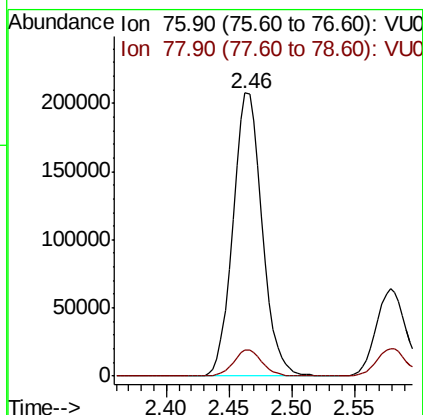
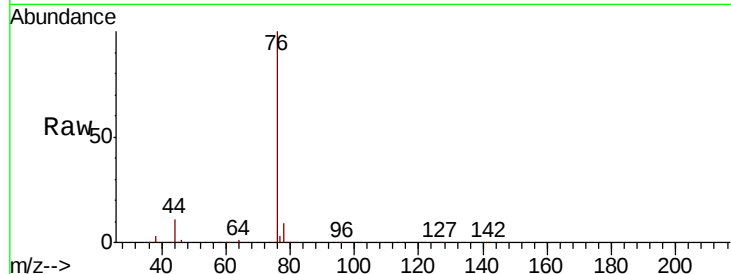




#17
Carbon Disulfide
Concen: 44.138 ug/l
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

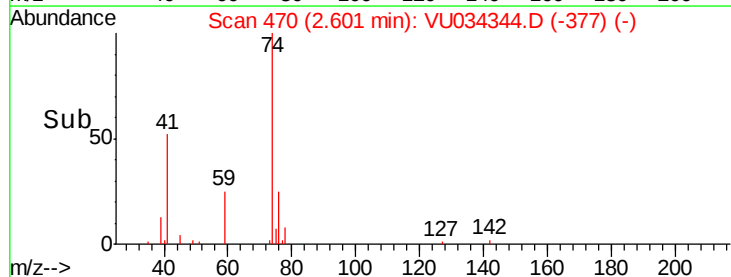
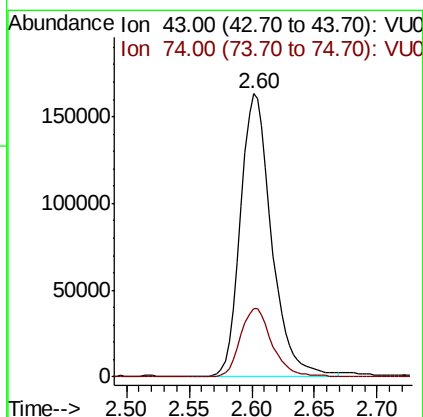
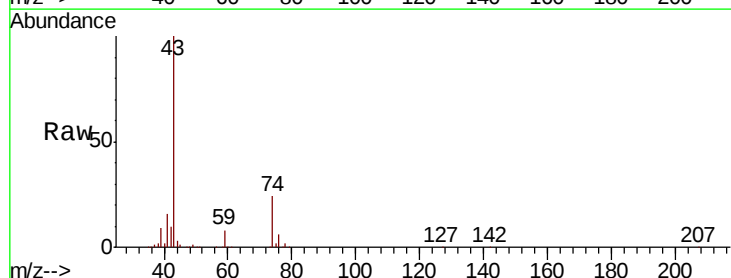
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

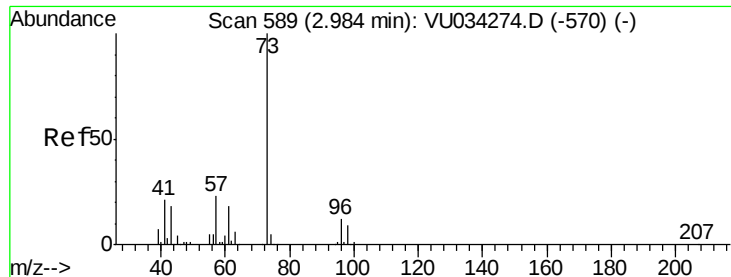
Tgt Ion: 76 Resp: 335104
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 47.407 ug/l
RT: 2.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 43 Resp: 280427
Ion Ratio Lower Upper
43 100
74 25.2 18.9 28.3

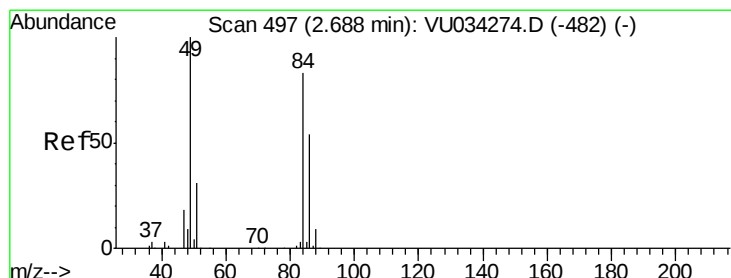
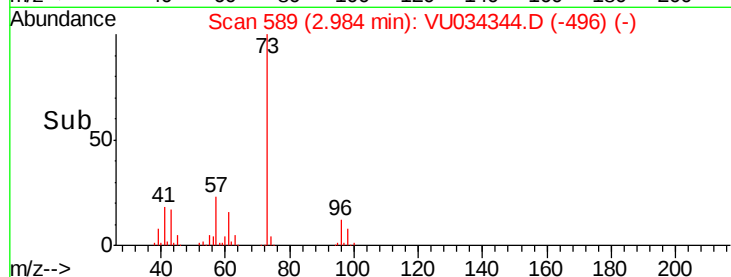
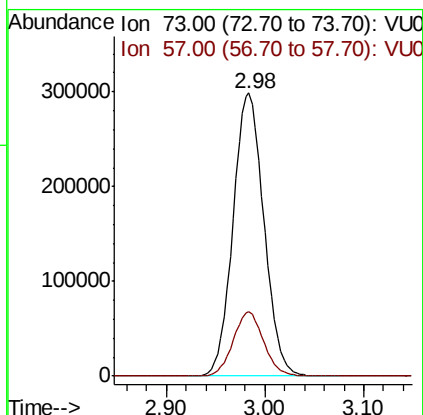
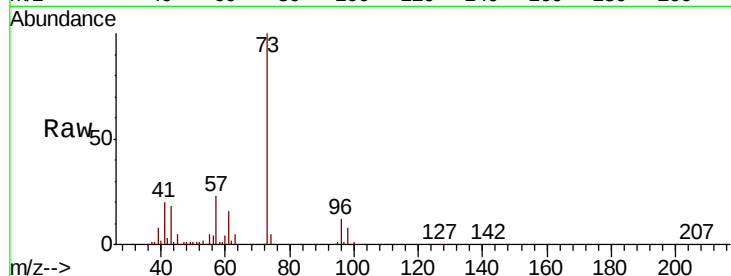




#19
Methyl tert-butyl Ether
Concen: 52.717 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

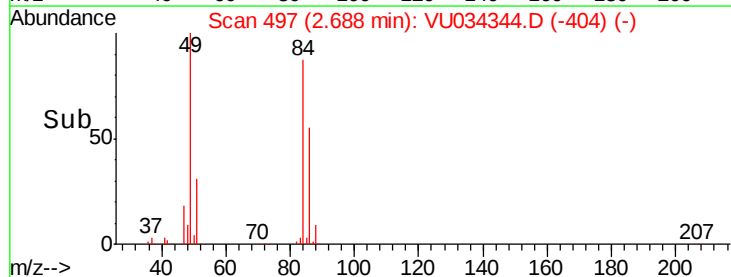
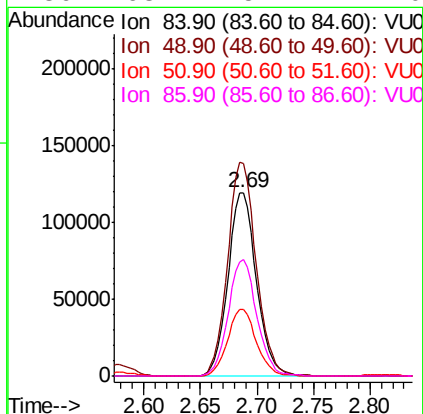
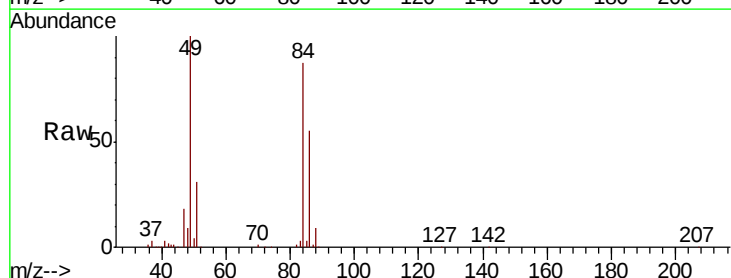
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

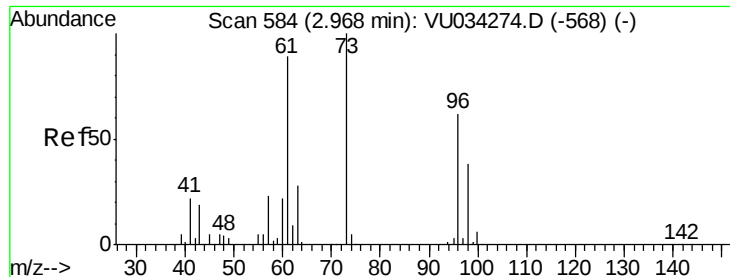
Tgt Ion: 73 Resp: 649092
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 52.572 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 84 Resp: 209250
Ion Ratio Lower Upper
84 100
49 115.5 96.0 144.0
51 36.3 30.0 45.0
86 63.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.081 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

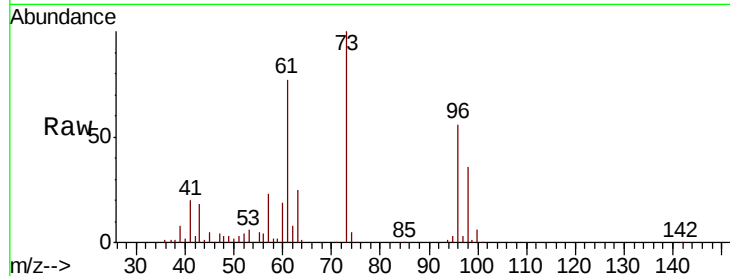
Tgt Ion: 96 Resp: 174718

Ion Ratio Lower Upper

96 100

61 139.4 114.8 172.2

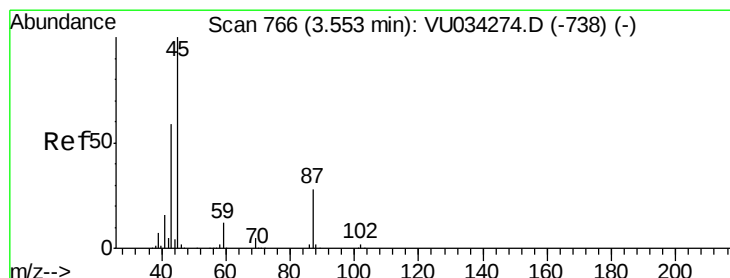
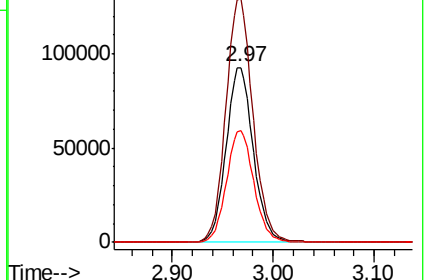
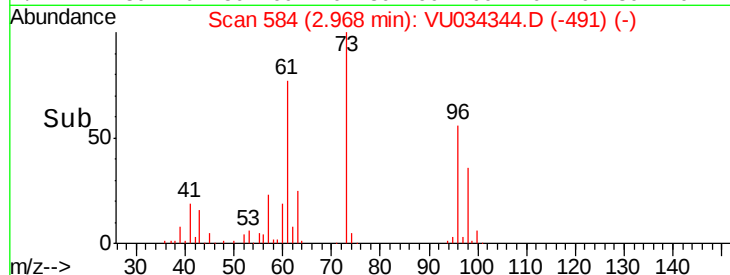
98 64.1 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034344.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034344.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034344.D (-491) (-)



#22

Diisopropyl ether

Concen: 52.000 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Tgt Ion: 45 Resp: 654902

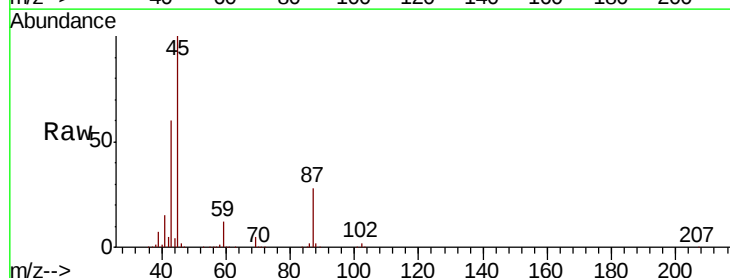
Ion Ratio Lower Upper

45 100

43 59.8 47.5 71.3

87 28.4 22.2 33.4

59 11.9 9.4 14.2

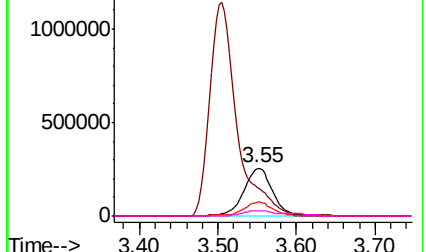
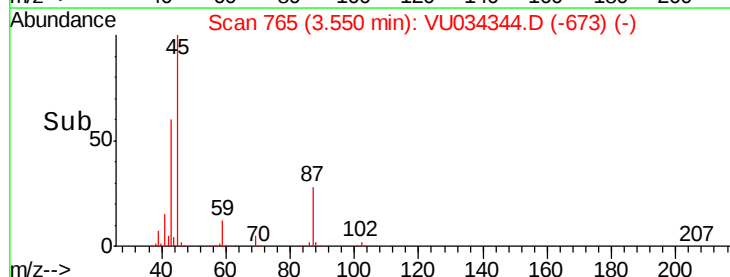


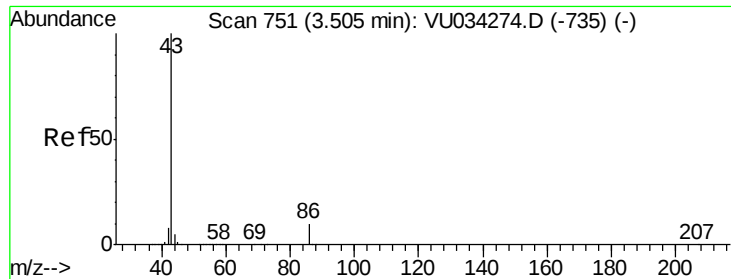
Abundance Ion 45.00 (44.70 to 45.70): VU034344.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034344.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034344.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034344.D (-673) (-)





#23

Vinyl Acetate

Concen: 266.001 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

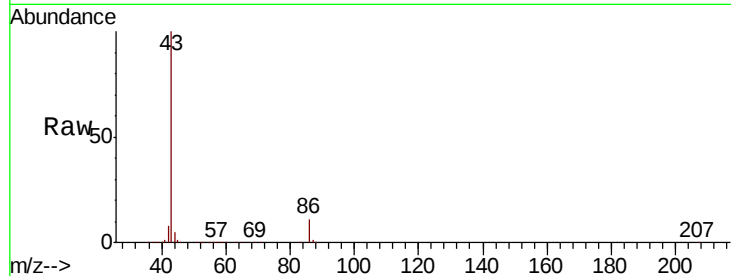
VSTDCCC050EC

Tgt Ion: 43 Resp: 2728860

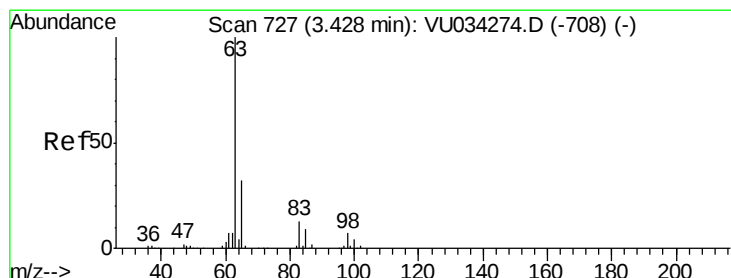
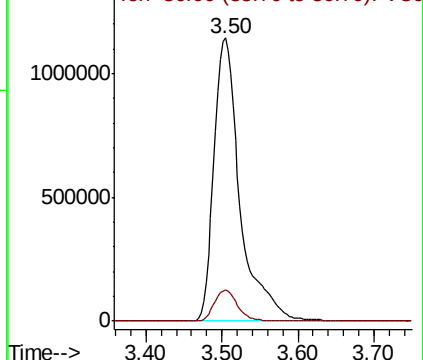
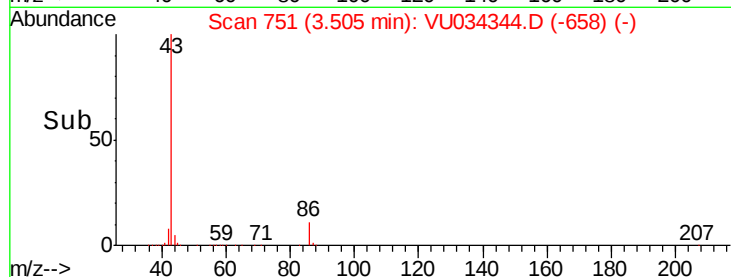
Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034344.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 48.244 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

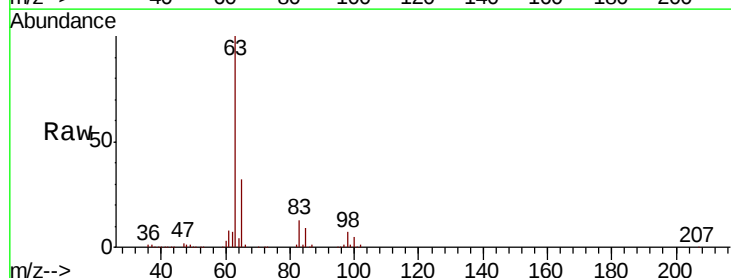
Tgt Ion: 63 Resp: 362853

Ion Ratio Lower Upper

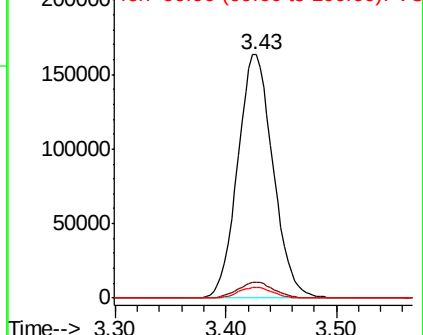
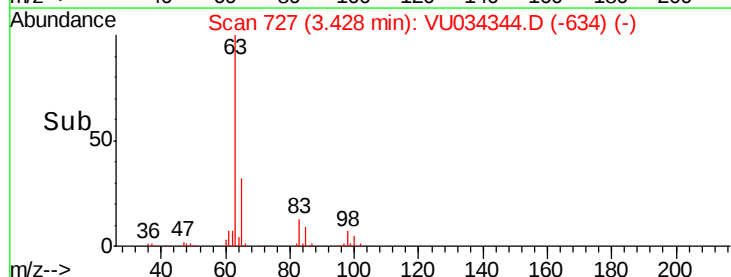
63 100

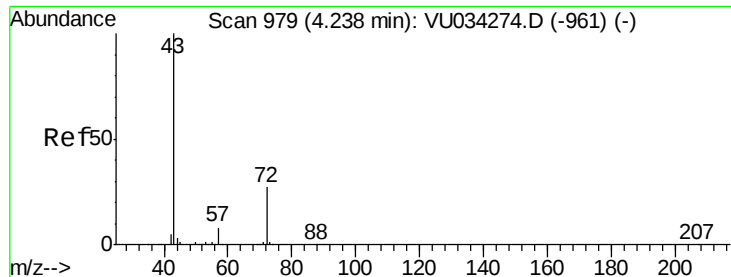
98 6.7 3.5 10.4

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034344.D (-634) (-)





#25

2-Butanone

Concen: 255.327 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

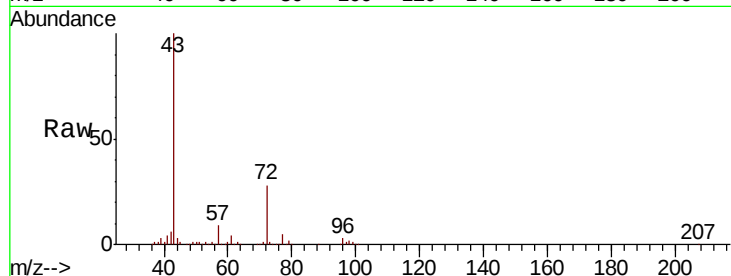
VSTDCCC050EC

Tgt Ion: 43 Resp: 828553

Ion Ratio Lower Upper

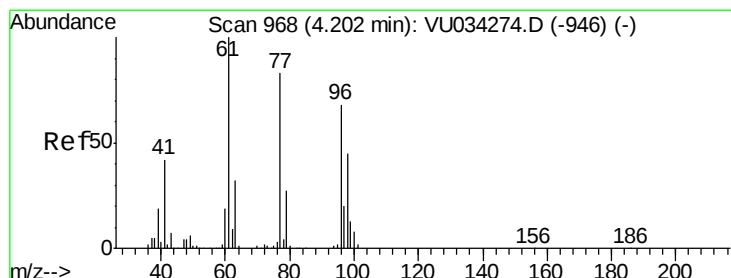
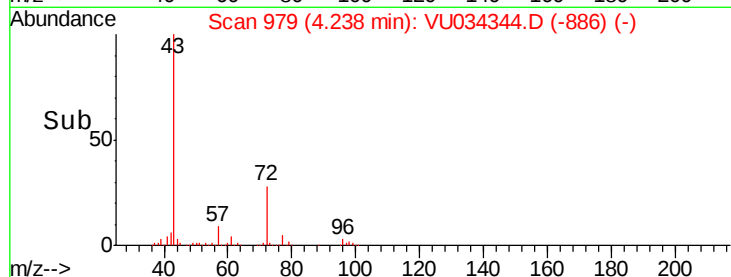
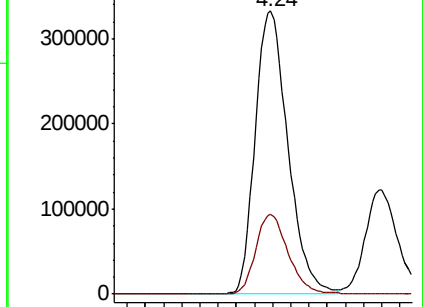
43 100

72 28.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034344.D (-886) (-)

Ion 72.00 (71.70 to 72.70): VU034344.D (-886) (-)



#26

2,2-Dichloropropane

Concen: 45.297 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034344.D

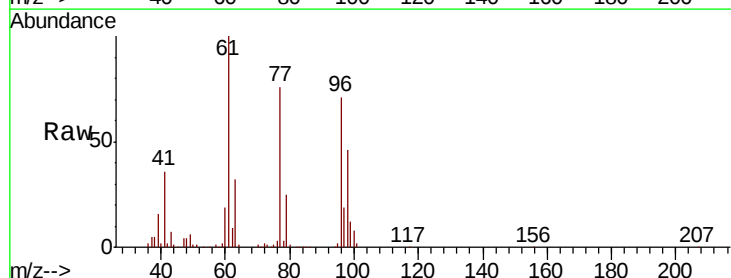
Acq: 06 Sep 2019 20:26

Tgt Ion: 77 Resp: 274006

Ion Ratio Lower Upper

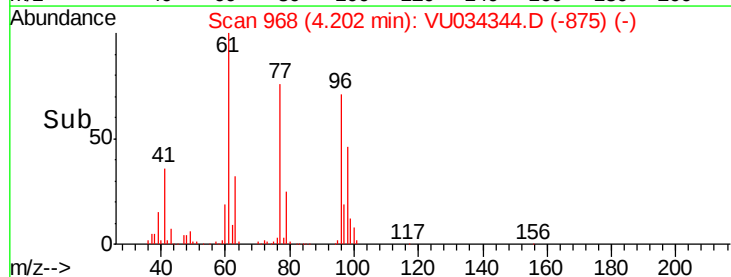
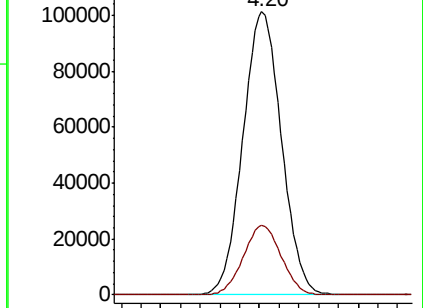
77 100

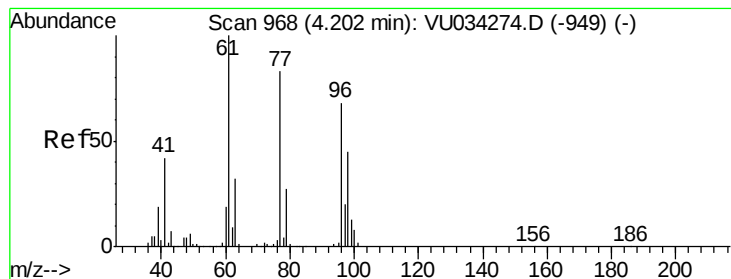
97 24.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034344.D (-875) (-)

Ion 96.90 (96.60 to 97.60): VU034344.D (-875) (-)



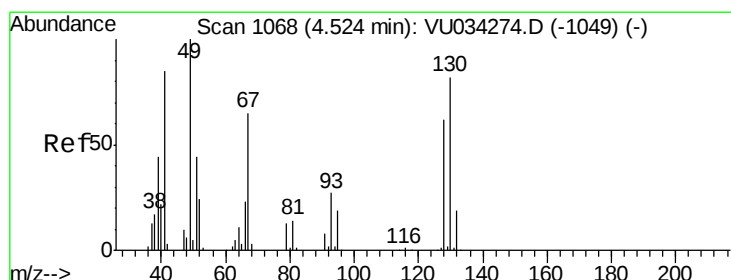
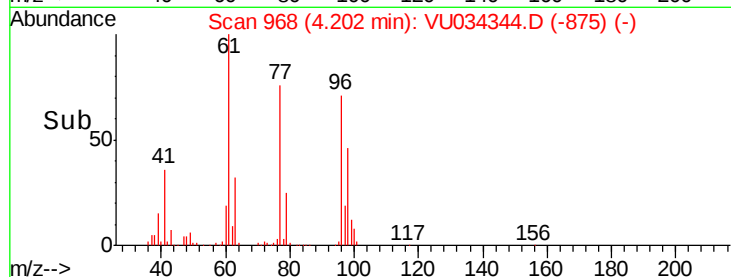
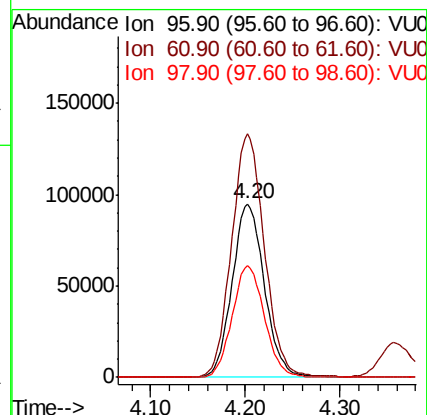
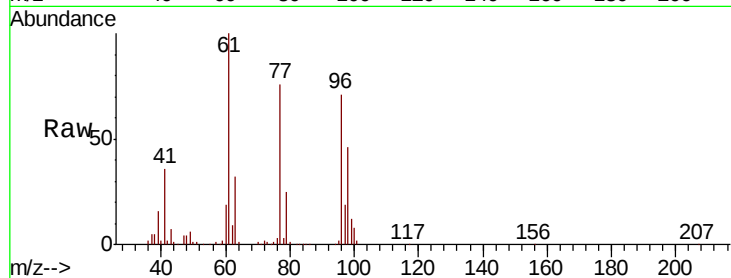


#27

cis-1,2-Dichloroethene
 Concen: 52.115 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

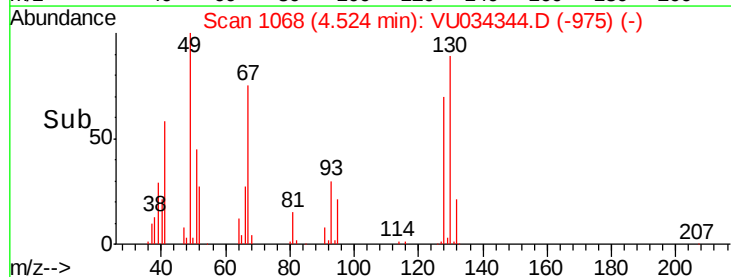
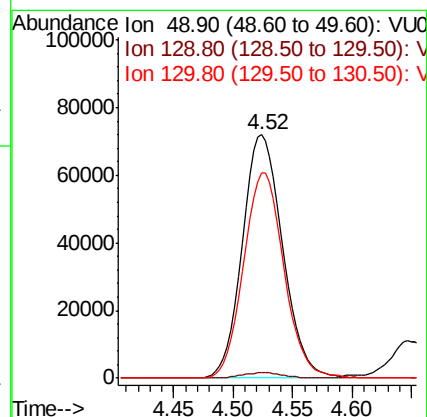
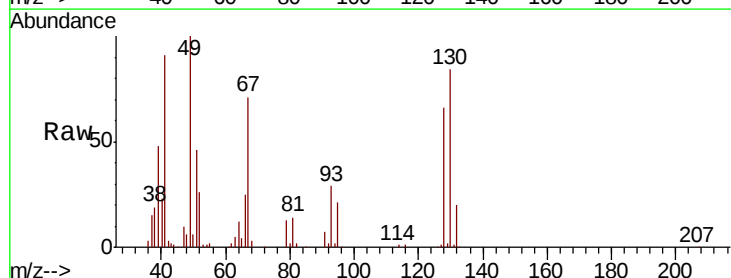
Tgt Ion: 96 Resp: 225317
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 297.4
 98 64.5 0.0 130.0

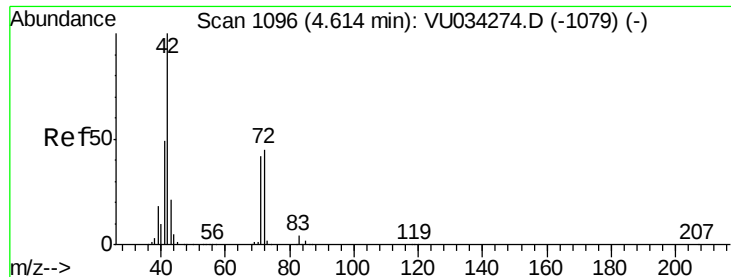


#28

Bromochloromethane
 Concen: 48.857 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 49 Resp: 169019
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 84.6 65.2 97.8

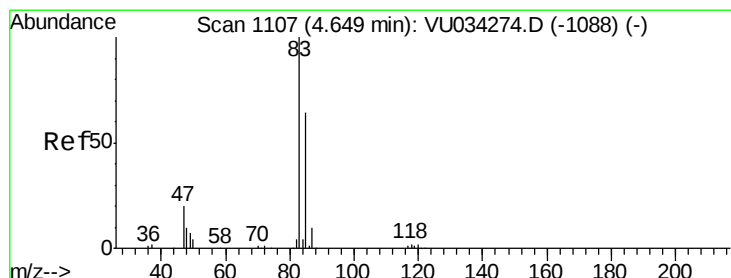
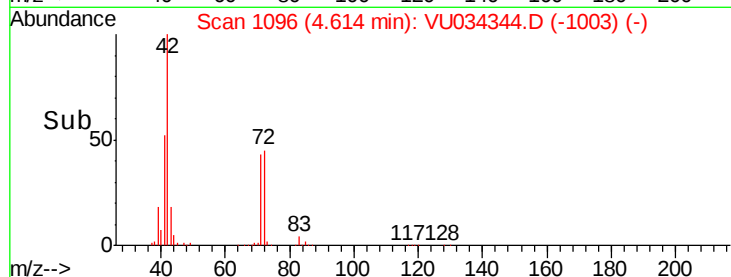
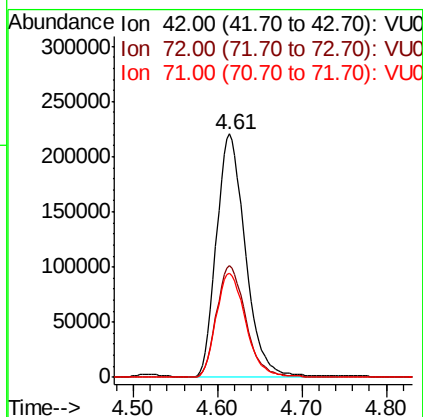
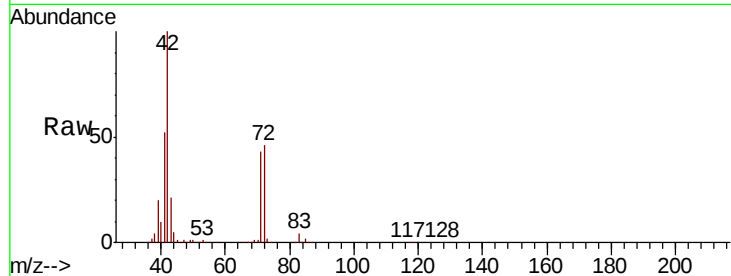




#29
Tetrahydrofuran
Concen: 266.020 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

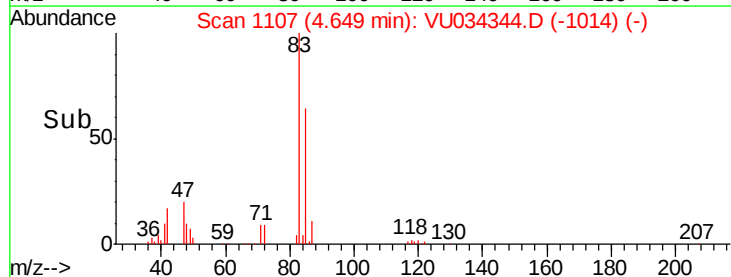
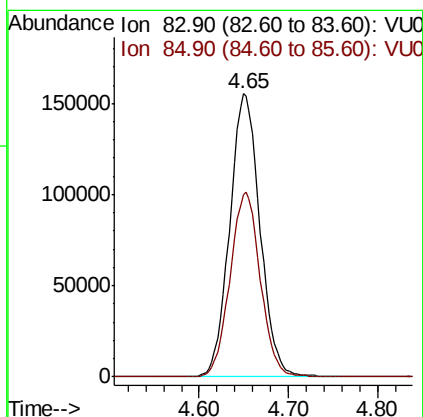
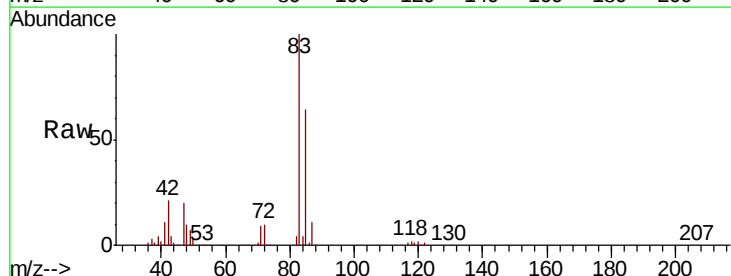
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

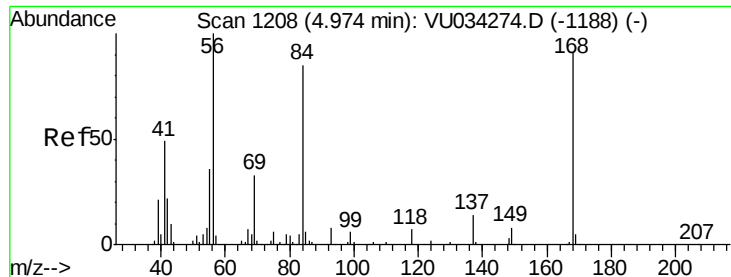
Tgt Ion: 42 Resp: 525296
Ion Ratio Lower Upper
42 100
72 46.4 36.6 54.8
71 43.8 34.3 51.5



#30
Chloroform
Concen: 47.729 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 83 Resp: 364894
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3

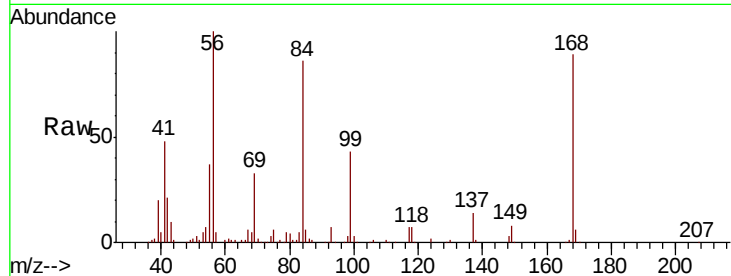




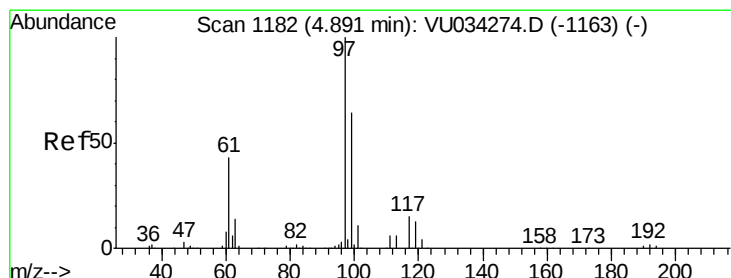
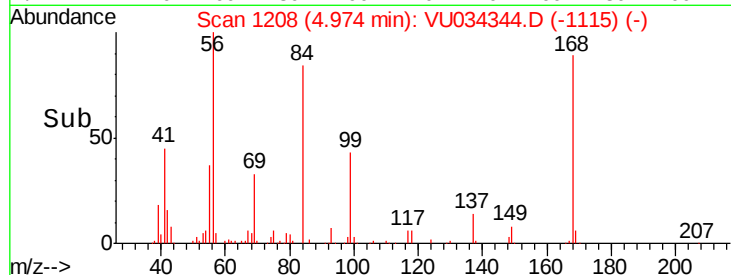
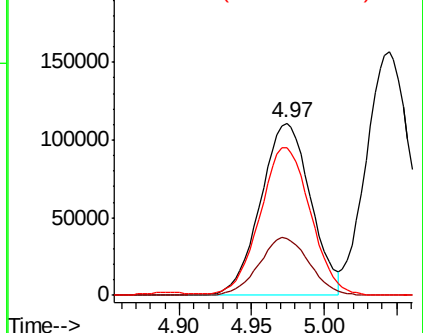
#31
Cyclohexane
Concen: 48.436 ug/l
RT: 4.97 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 266517
Ion Ratio Lower Upper
56 100
69 33.1 26.7 40.1
84 84.5 68.2 102.4

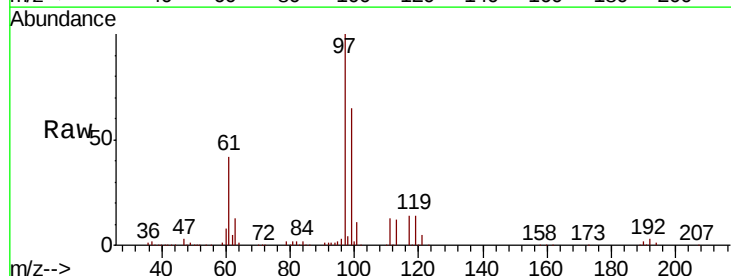


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

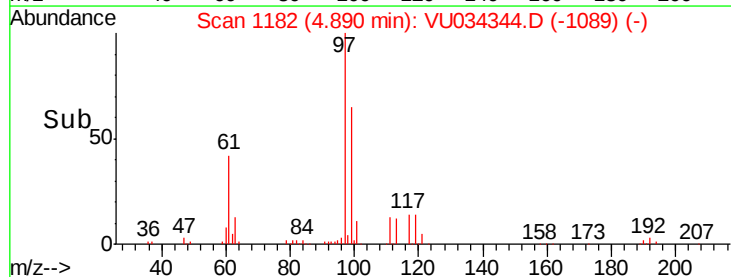
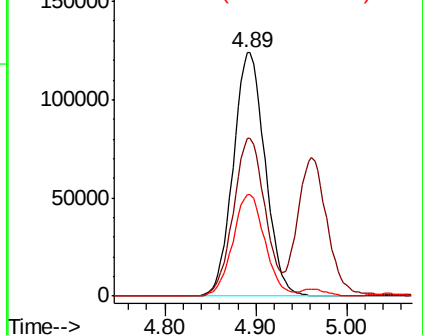


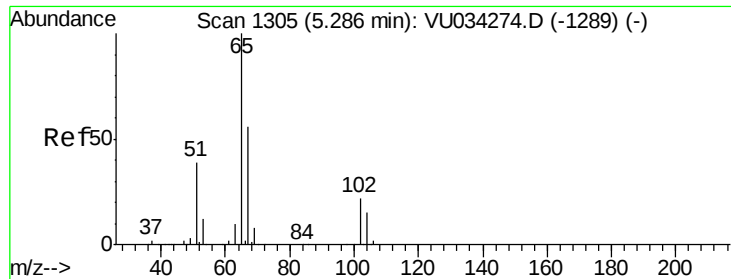
#32
1,1,1-Trichloroethane
Concen: 49.233 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 97 Resp: 300930
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 42.1 34.7 52.1



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

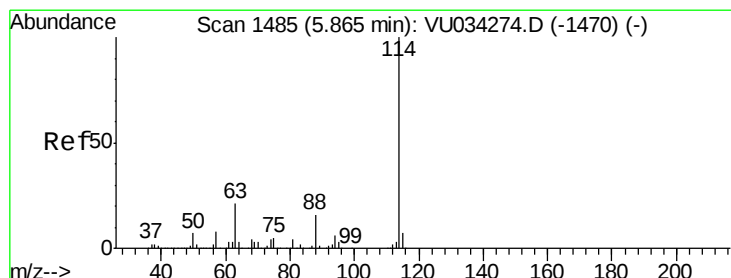
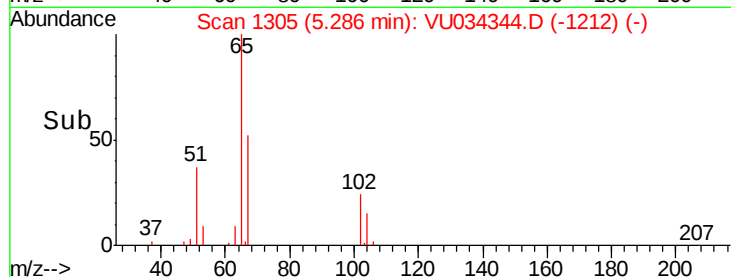
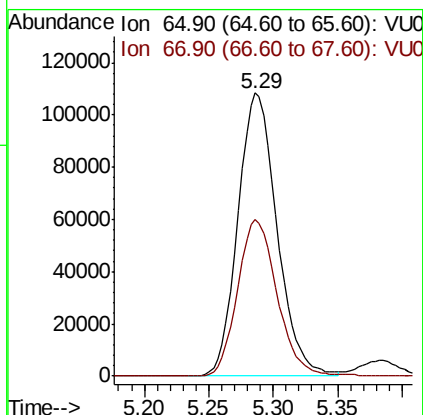
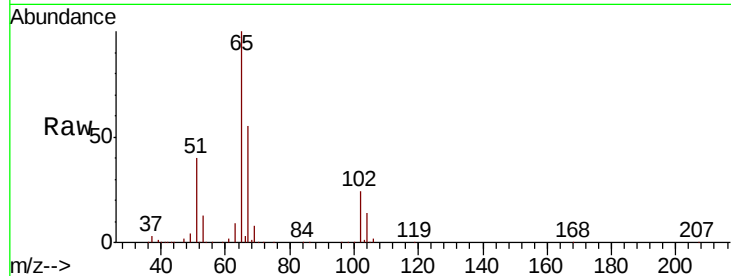




#33
 1,2-Dichloroethane-d4
 Concen: 48.790 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

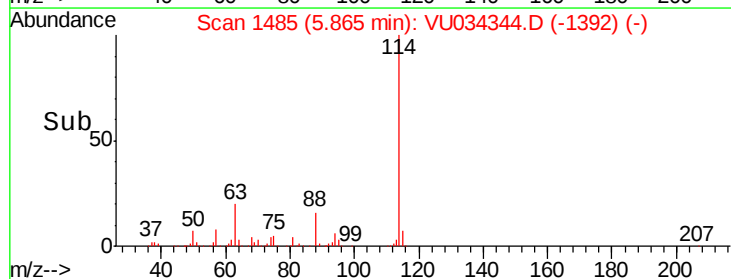
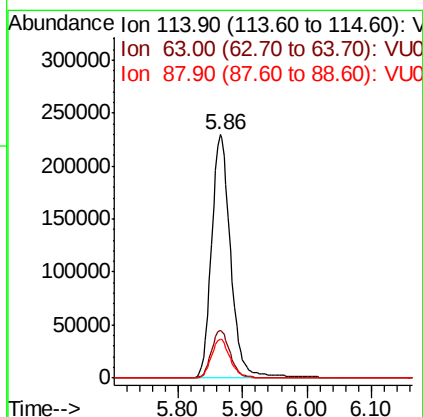
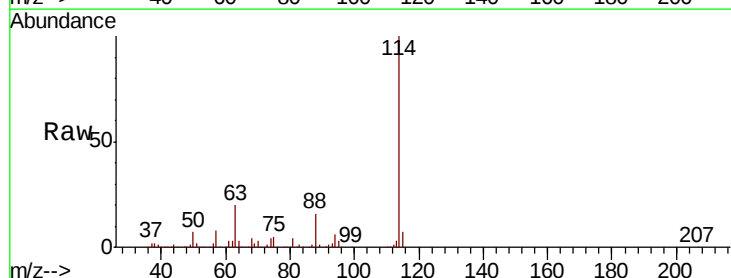
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

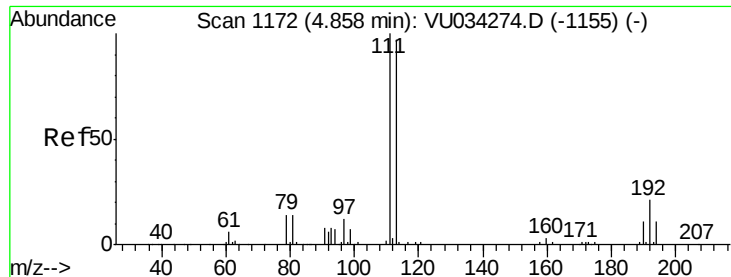
Tgt Ion: 65 Resp: 229199
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 114 Resp: 472263
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.9 0.0 32.4

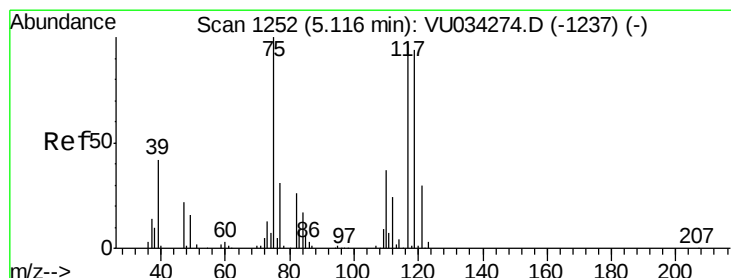
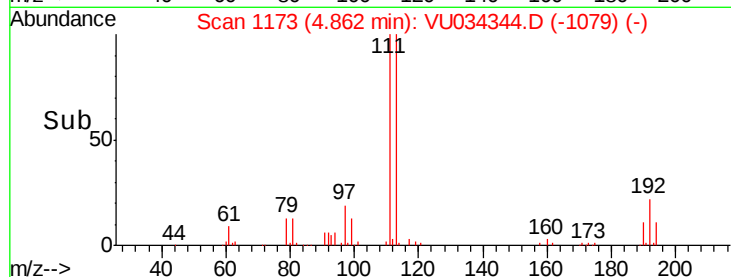
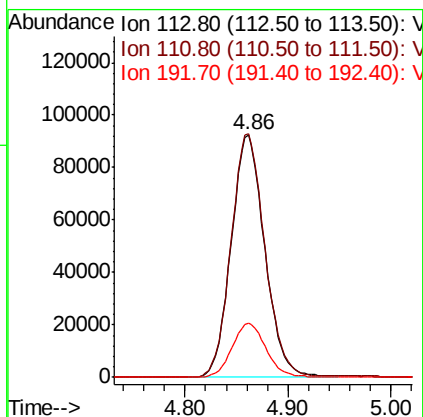
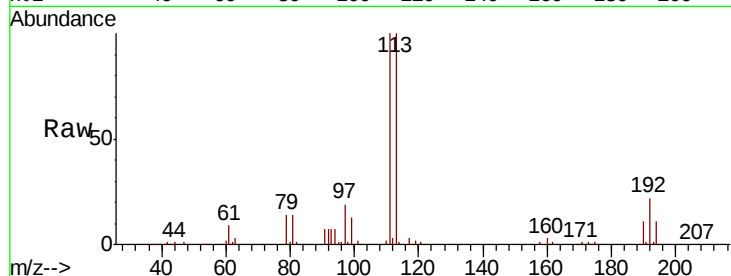




#35
 Dibromofluoromethane
 Concen: 47.849 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

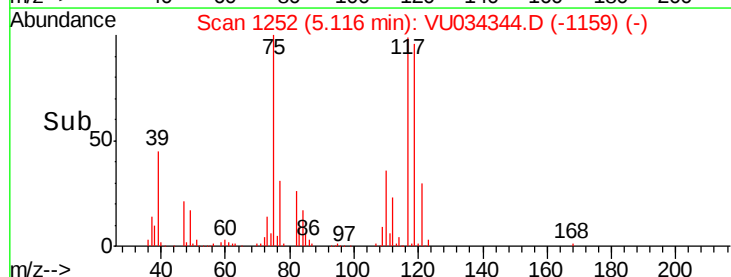
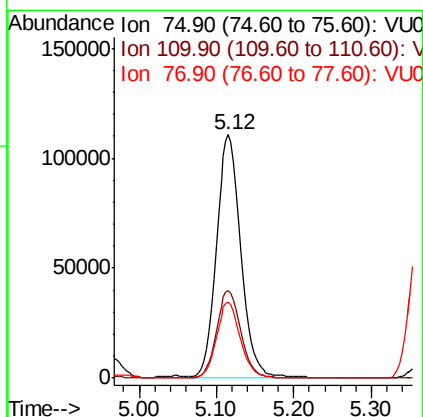
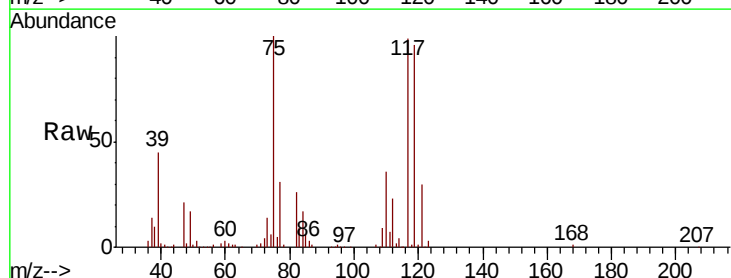
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

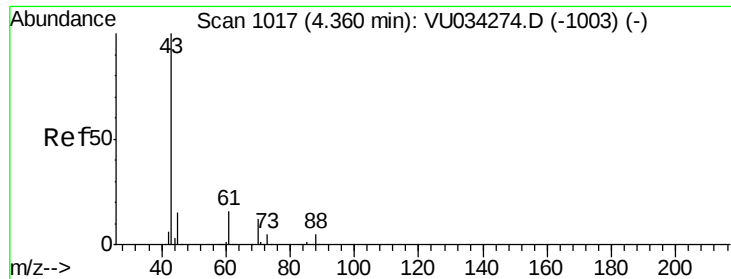
Tgt Ion: 113 Resp: 210270
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.5 122.3
 192 22.4 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 47.494 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 75 Resp: 243251
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.3 54.9
 77 30.3 24.9 37.3

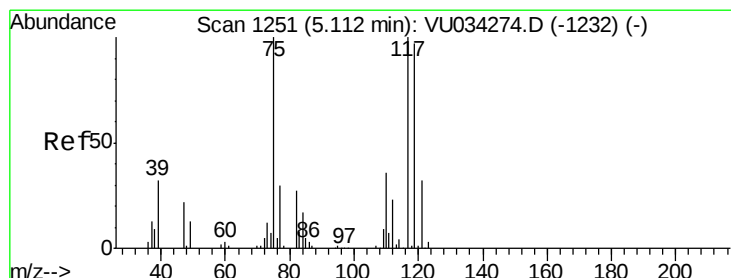
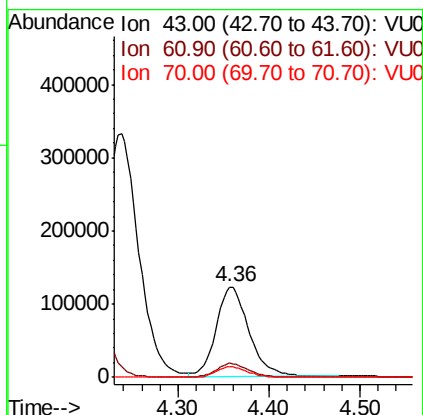
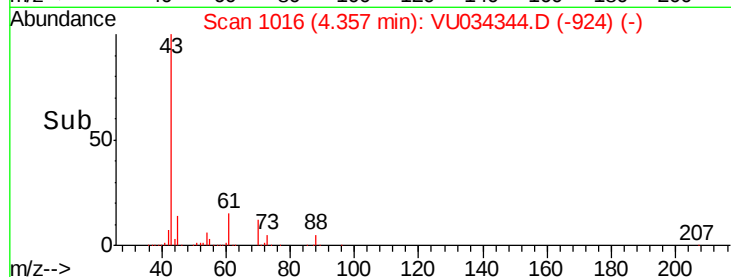
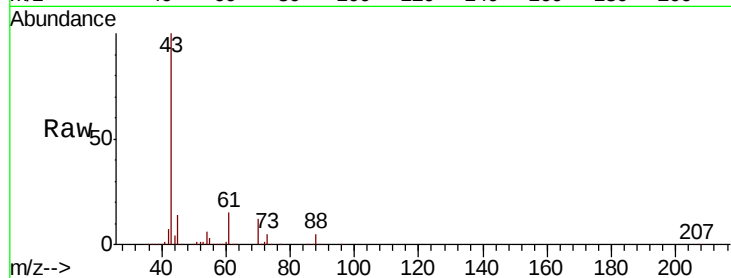




#37
Ethyl Acetate
Concen: 50.252 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

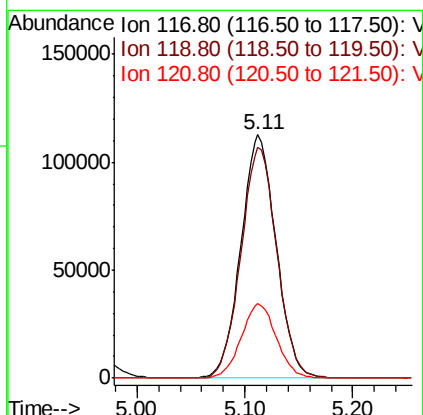
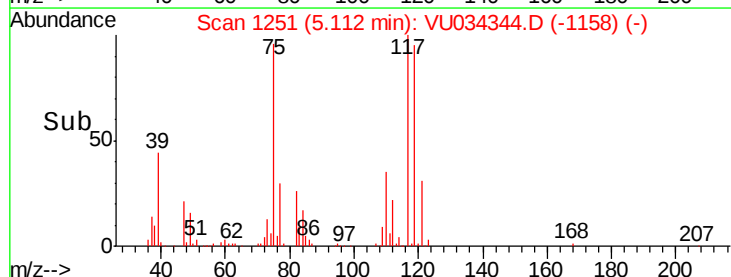
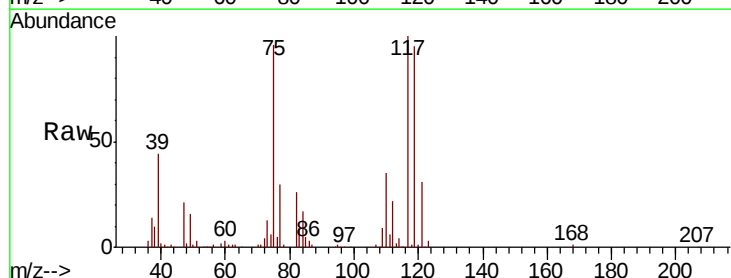
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

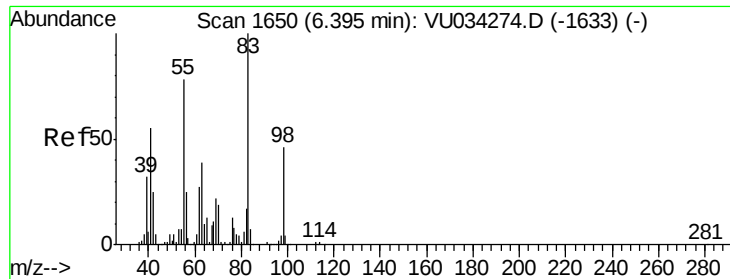
Tgt Ion: 43 Resp: 304307
Ion Ratio Lower Upper
43 100
61 15.0 12.3 18.5
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 46.838 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 117 Resp: 256141
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
121 30.5 25.2 37.8

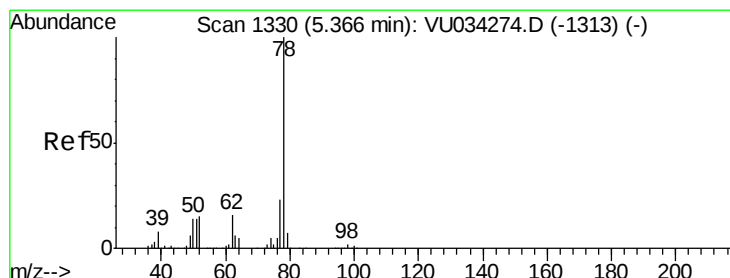
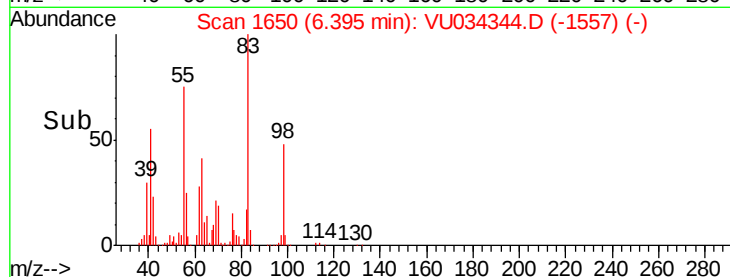
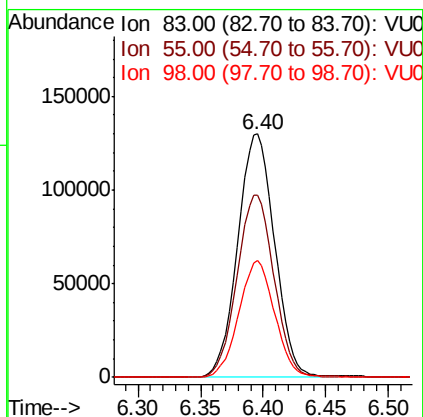
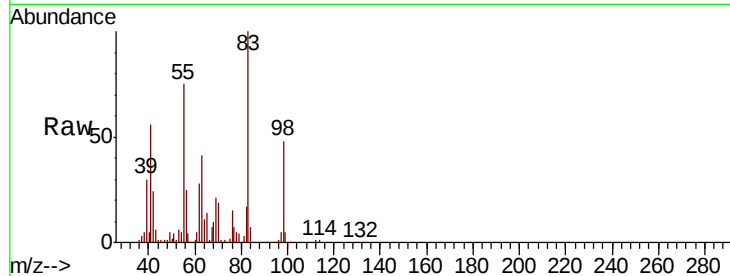




#39
Methylcyclohexane
Concen: 48.585 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

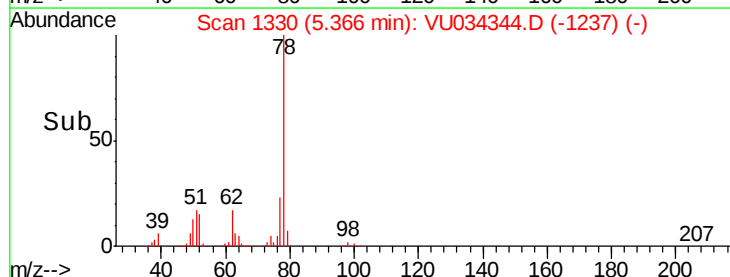
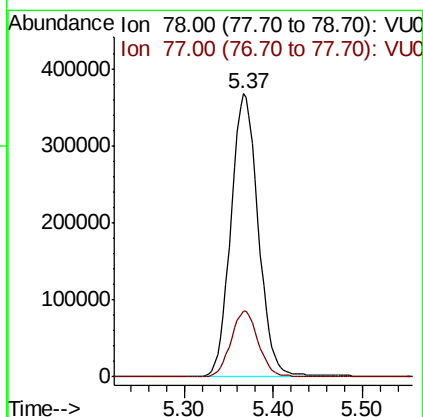
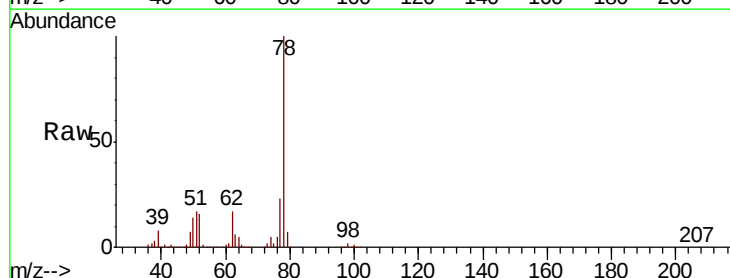
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

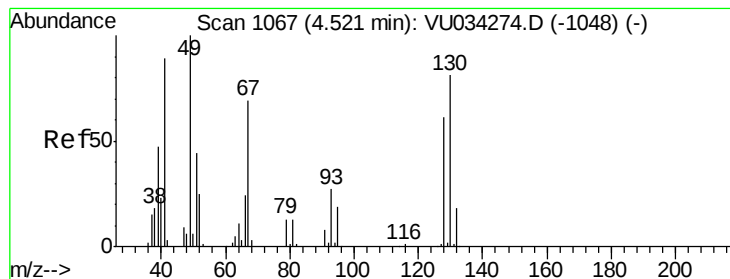
Tgt Ion: 83 Resp: 266009
Ion Ratio Lower Upper
83 100
55 74.9 62.1 93.1
98 47.9 37.0 55.6



#40
Benzene
Concen: 47.364 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 78 Resp: 782768
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1





#41

Methacrylonitrile

Concen: 51.176 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 165072

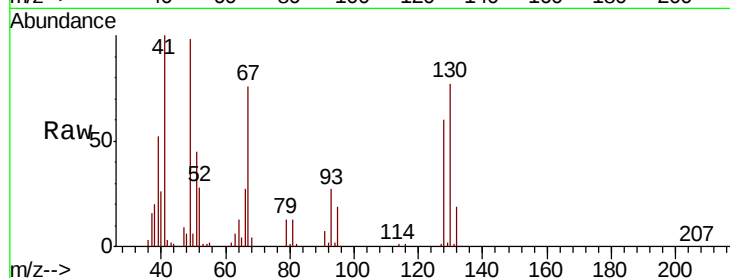
Ion Ratio Lower Upper

41 100

39 51.7 41.0 61.4

67 80.0 62.4 93.6

52 28.2 23.6 35.4

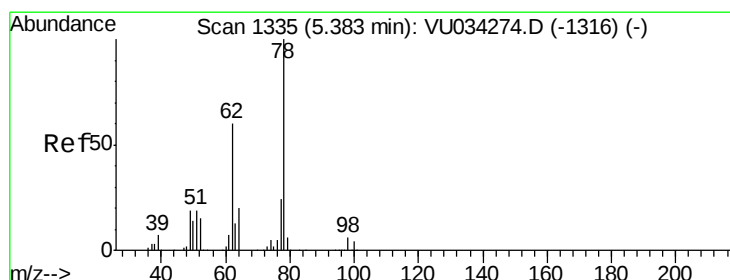
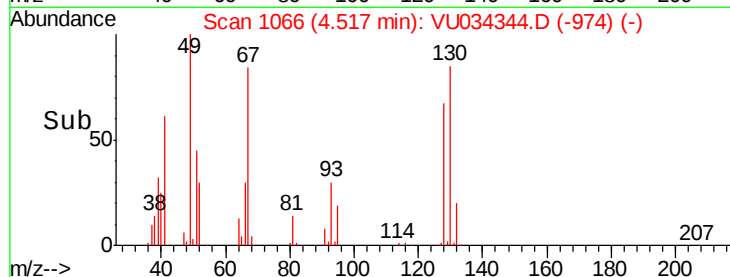
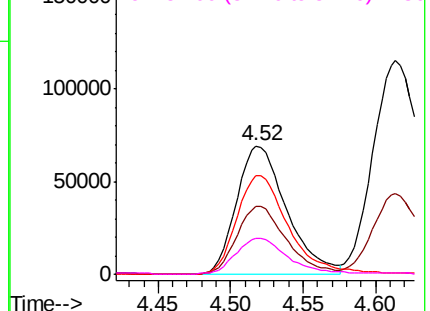


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 46.280 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU034344.D

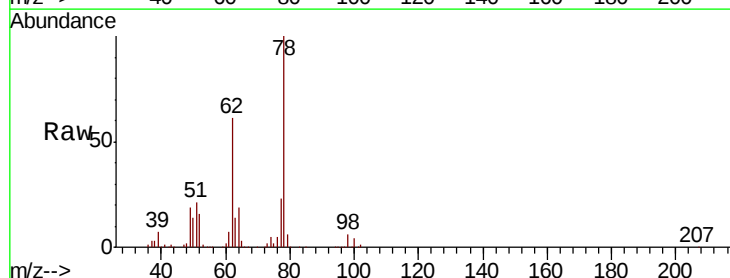
Acq: 06 Sep 2019 20:26

Tgt Ion: 62 Resp: 265550

Ion Ratio Lower Upper

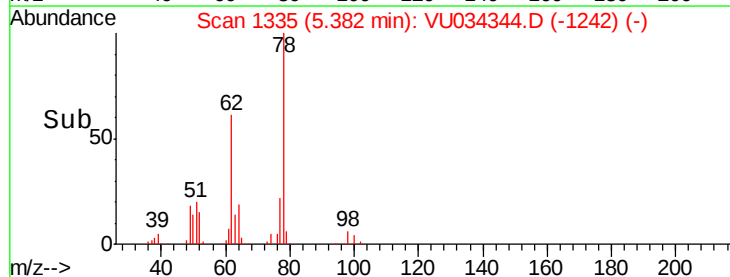
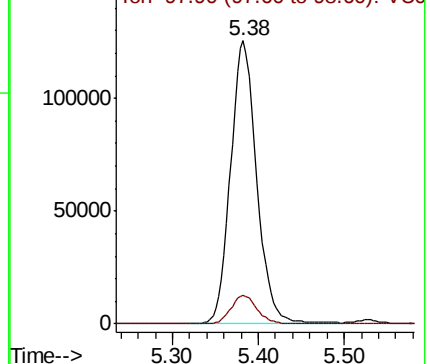
62 100

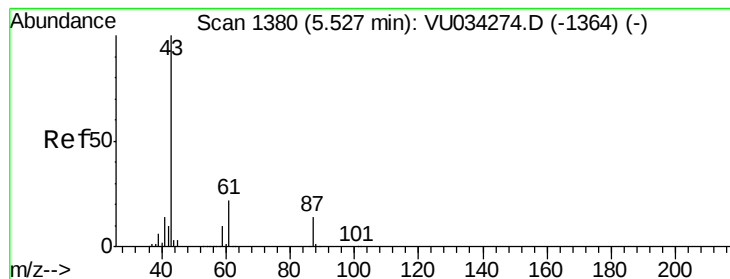
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 50.551 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

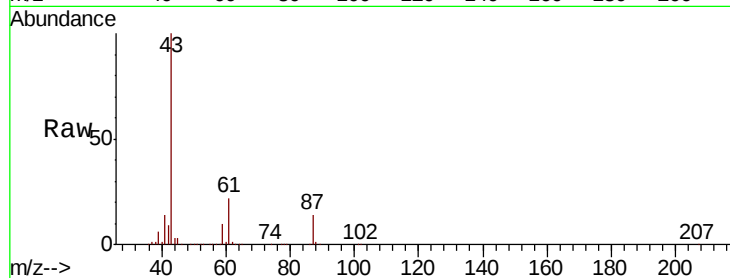
Tgt Ion: 43 Resp: 477540

Ion Ratio Lower Upper

43 100

61 21.7 17.1 25.7

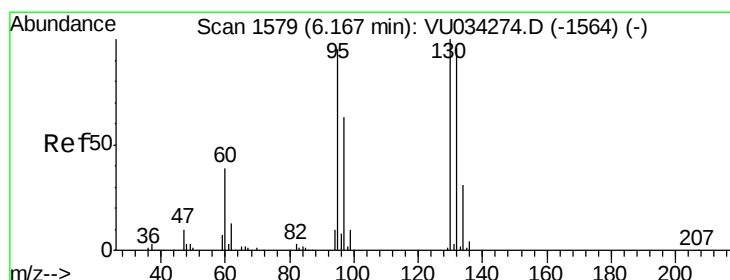
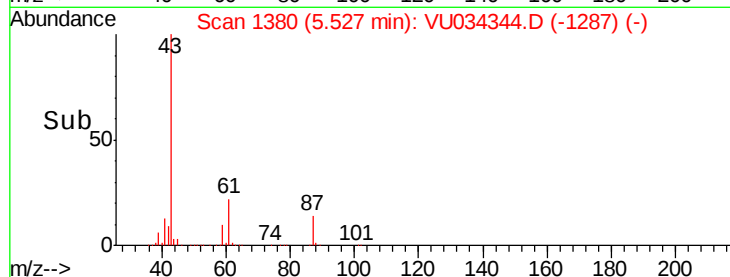
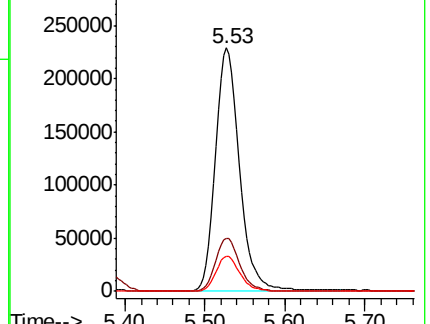
87 14.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034344.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034344.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034344.D (-1287) (-)



#44

Trichloroethene

Concen: 49.428 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034344.D

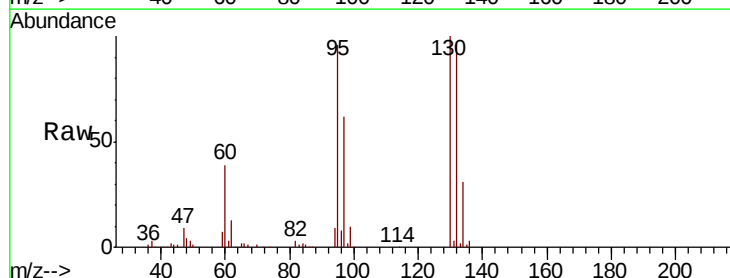
Acq: 06 Sep 2019 20:26

Tgt Ion: 130 Resp: 226045

Ion Ratio Lower Upper

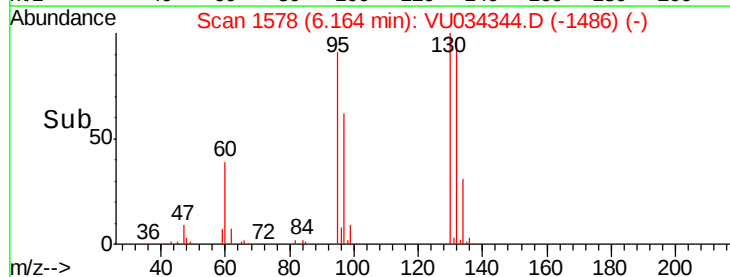
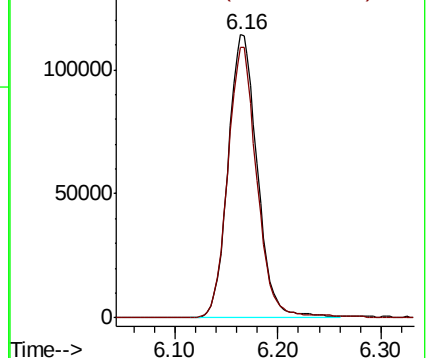
130 100

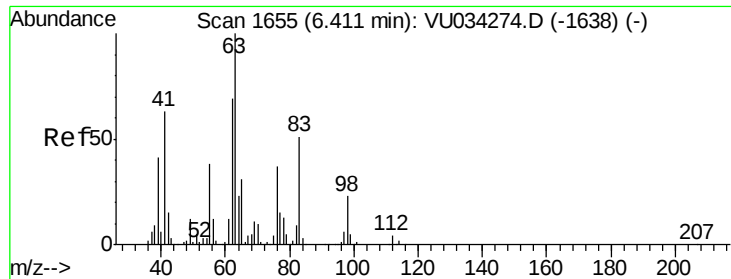
95 95.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034344.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034344.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 47.939 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

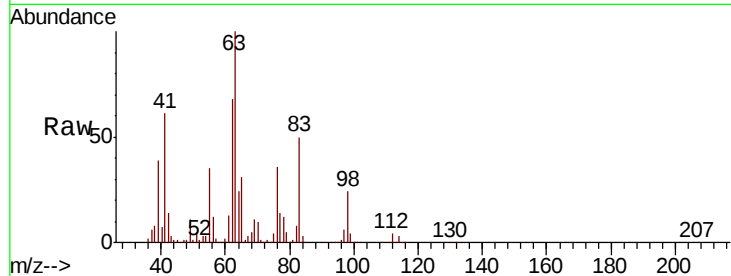
VSTDCCC050EC

Tgt Ion: 63 Resp: 231614

Ion Ratio Lower Upper

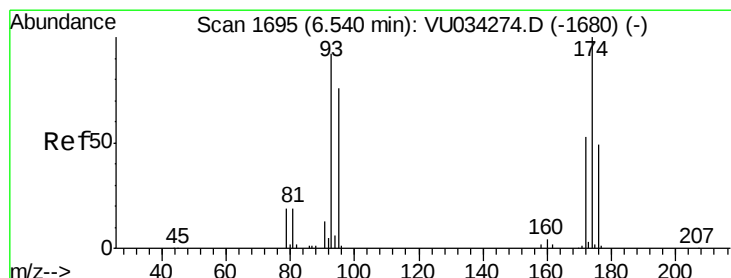
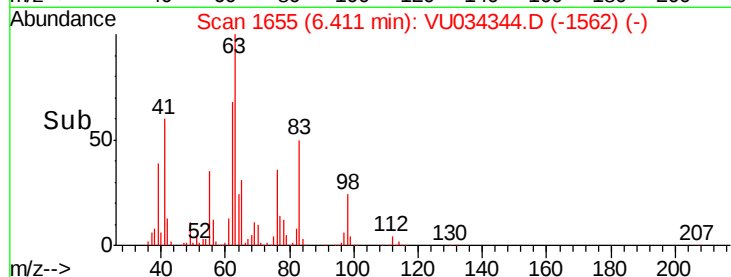
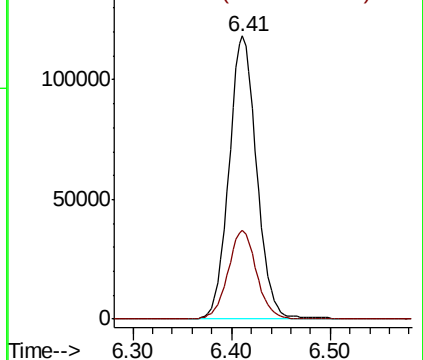
63 100

65 31.4 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1638) (-)

Ion 64.90 (64.60 to 65.60): VU034274.D (-1638) (-)



#46

Dibromomethane

Concen: 47.478 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

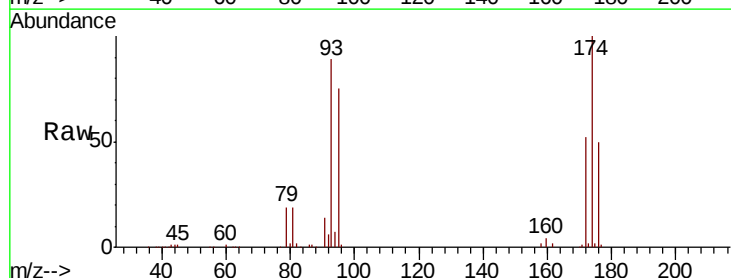
Tgt Ion: 93 Resp: 143987

Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

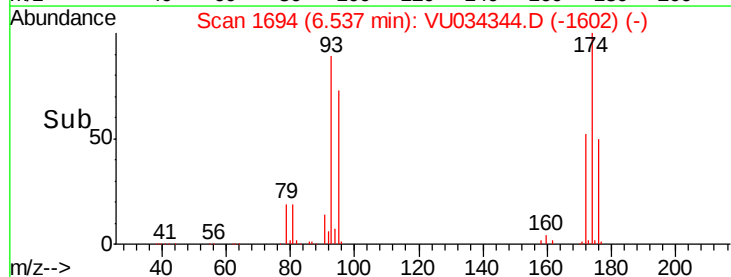
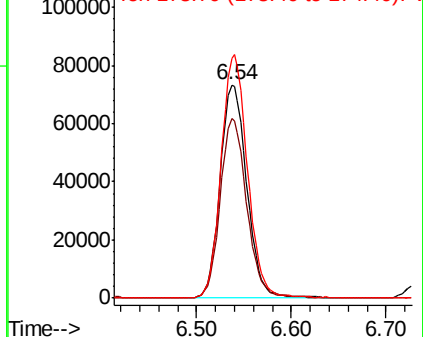
174 112.7 87.8 131.6

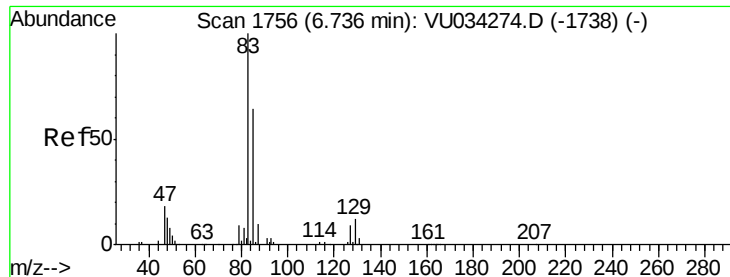


Abundance Ion 92.80 (92.50 to 93.50): VU034274.D (-1680) (-)

Ion 94.80 (94.50 to 95.50): VU034274.D (-1680) (-)

Ion 173.70 (173.40 to 174.40): VU034274.D (-1680) (-)





#47

Bromodichloromethane

Concen: 47.416 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

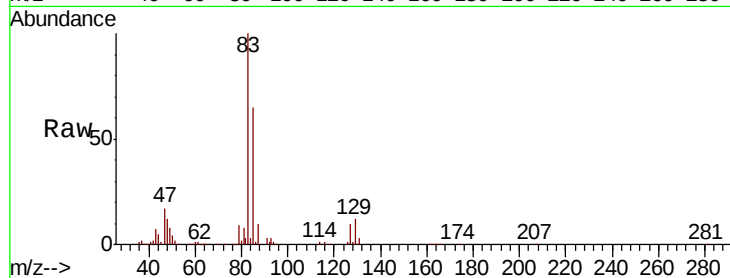
Tgt Ion: 83 Resp: 295999

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

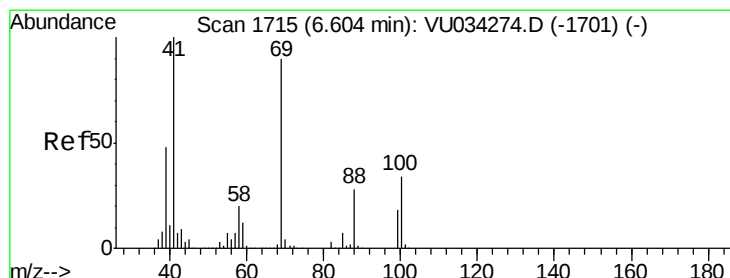
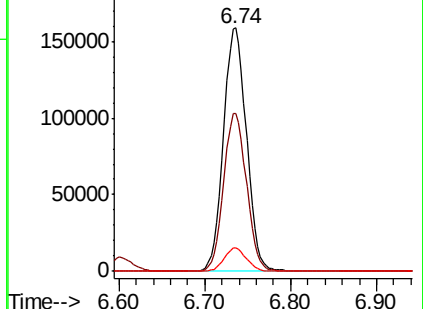
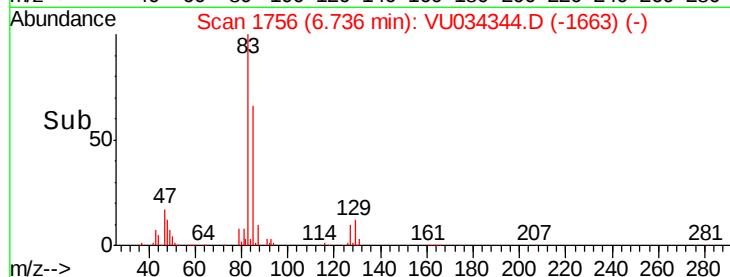
127 9.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034344.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034344.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034344.D (-1663) (-)



#48

Methyl methacrylate

Concen: 50.247 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

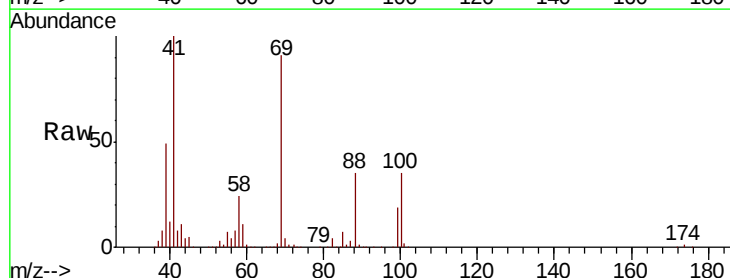
Tgt Ion: 41 Resp: 225443

Ion Ratio Lower Upper

41 100

69 92.9 72.8 109.2

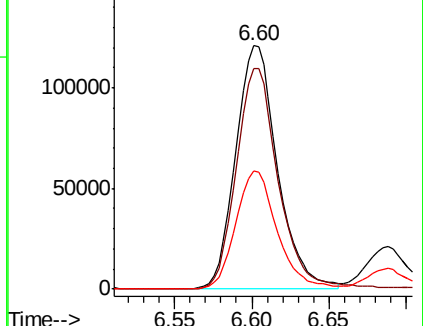
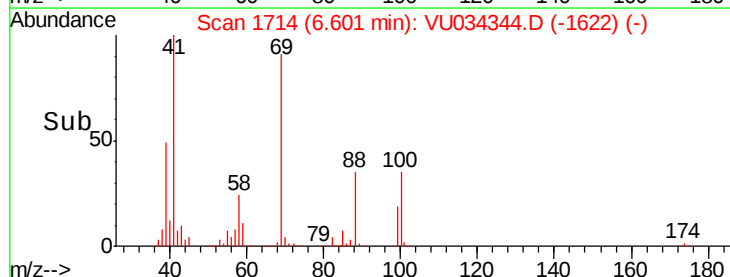
39 48.3 38.6 58.0

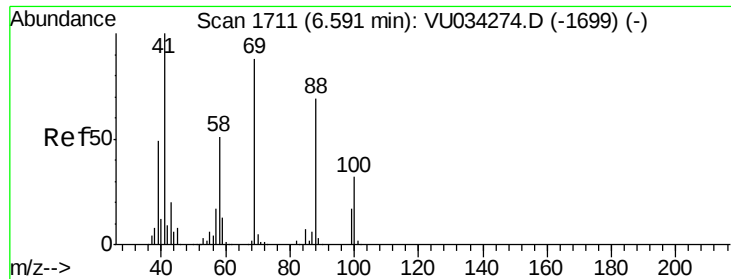


Abundance Ion 41.00 (40.70 to 41.70): VU034344.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034344.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034344.D (-1622) (-)

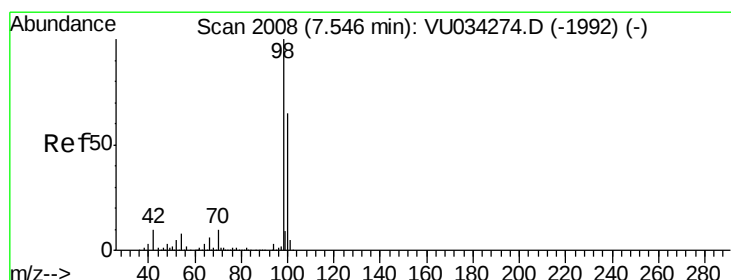
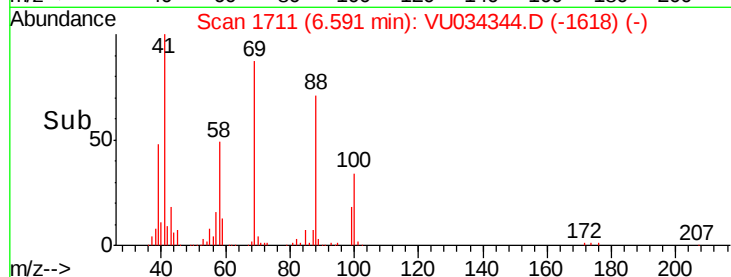
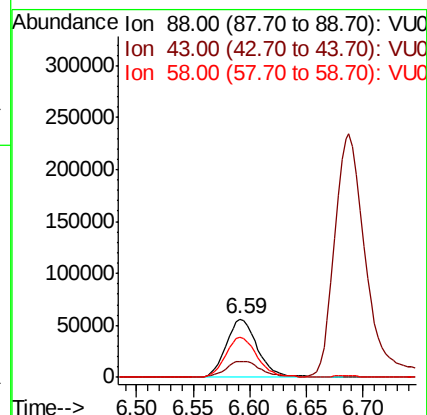
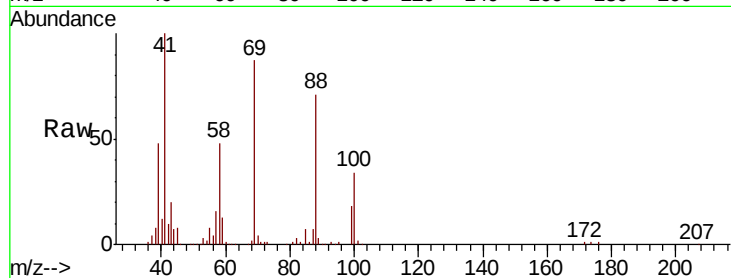




#49
 1,4-Dioxane
 Concen: 1086.416 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

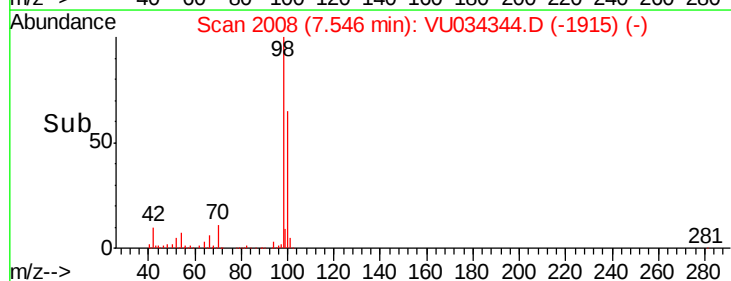
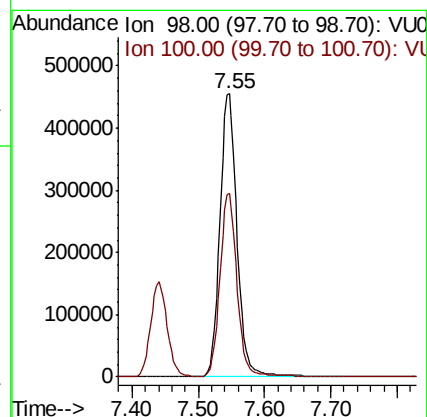
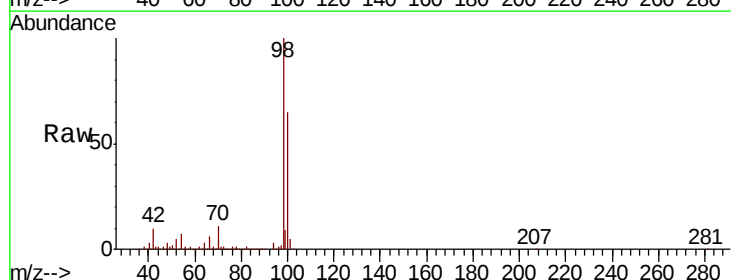
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

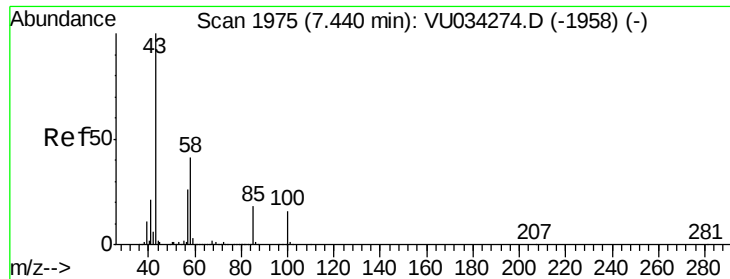
Tgt Ion: 88 Resp: 106441
 Ion Ratio Lower Upper
 88 100
 43 28.6 23.8 35.6
 58 70.7 58.4 87.6



#50
 Toluene-d8
 Concen: 49.509 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 98 Resp: 817398
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.7 77.5

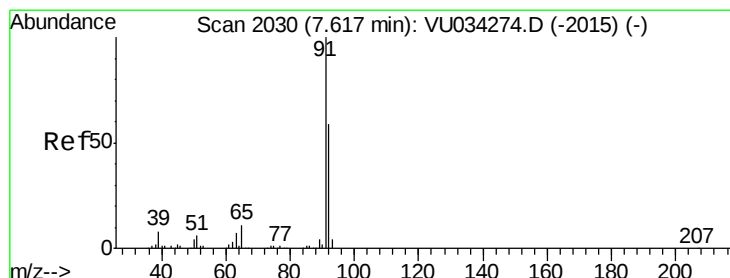
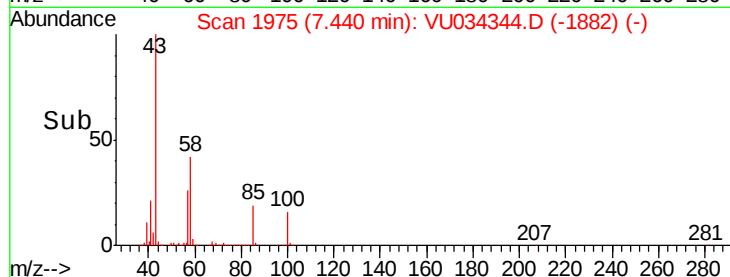
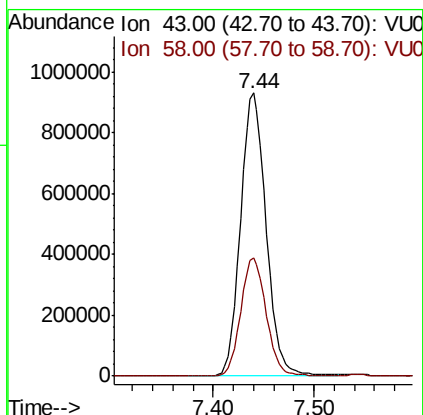
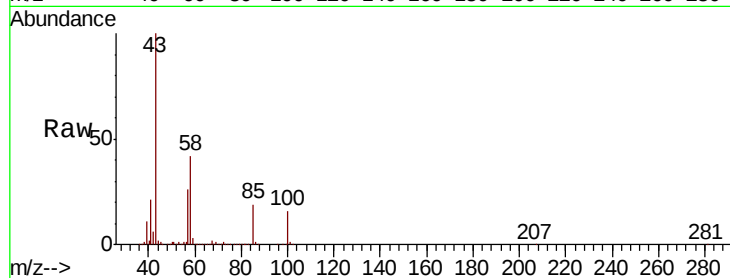




#51
 4-Methyl-2-Pentanone
 Concen: 248.560 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

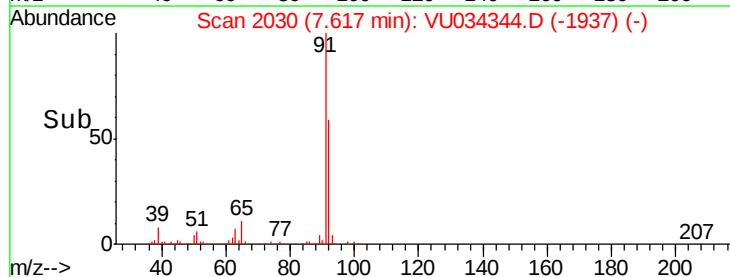
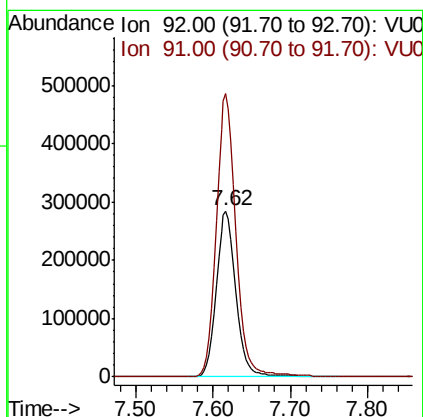
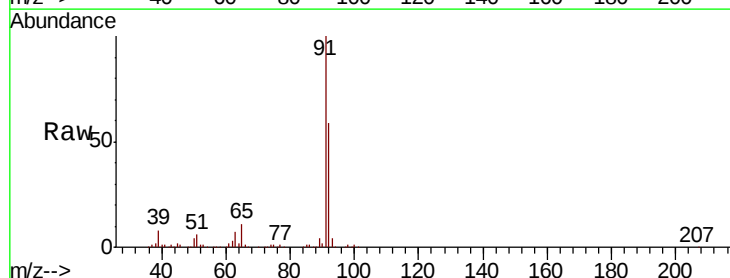
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

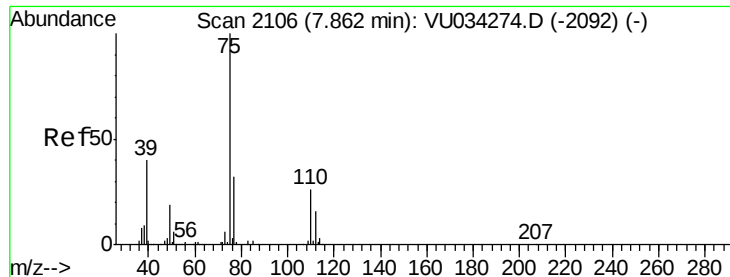
Tgt Ion: 43 Resp: 1625316
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4



#52
 Toluene
 Concen: 49.281 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 92 Resp: 510908
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.252 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

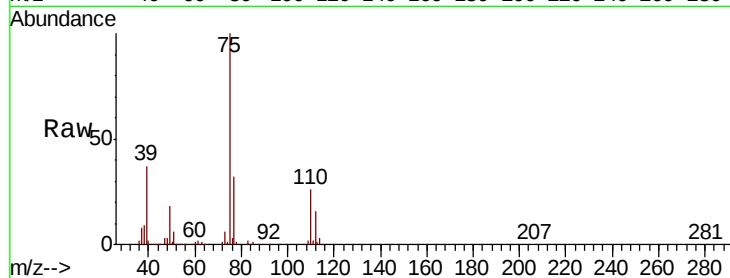
VSTDCCC050EC

Tgt Ion: 75 Resp: 318722

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.86

200000

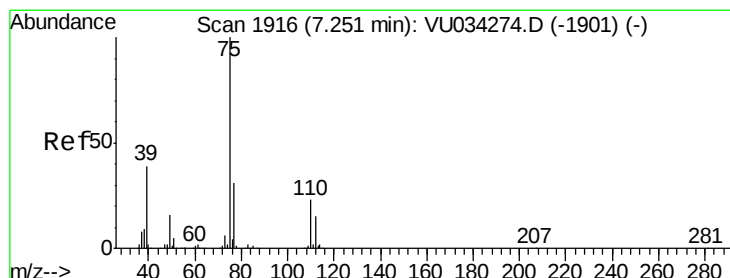
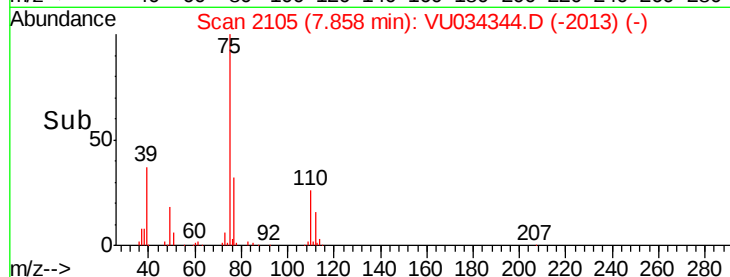
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.574 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

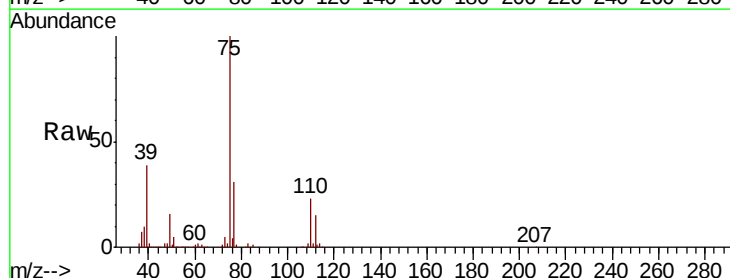
Tgt Ion: 75 Resp: 352092

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 38.7 31.2 46.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

7.25

250000

200000

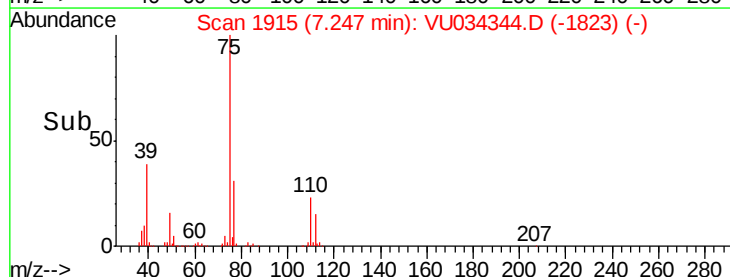
150000

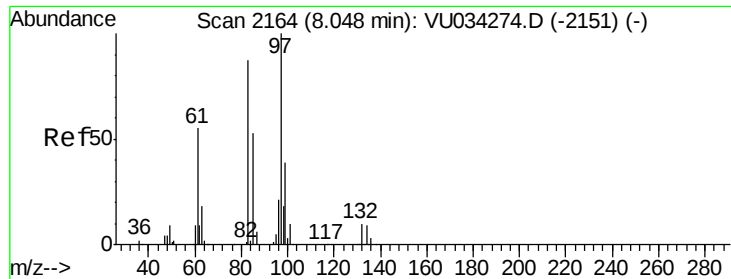
100000

50000

0

Time-->

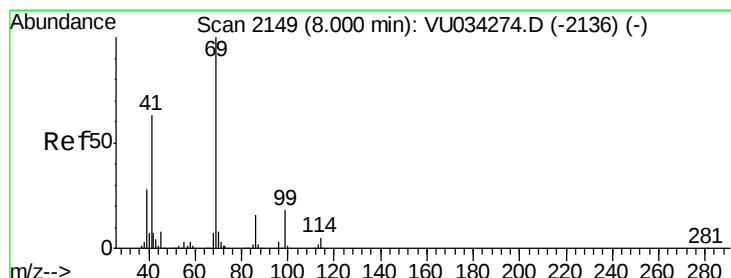
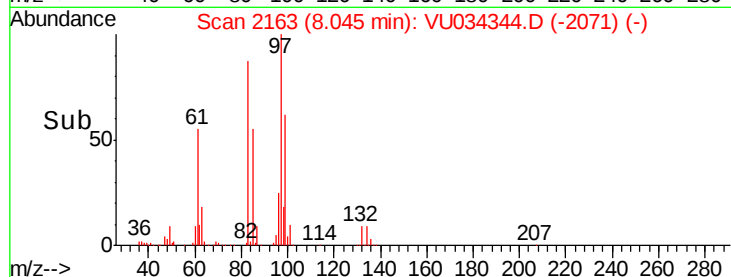
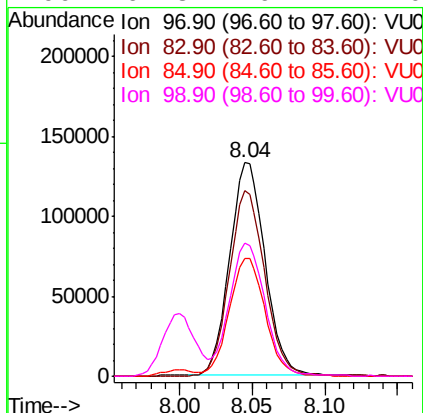
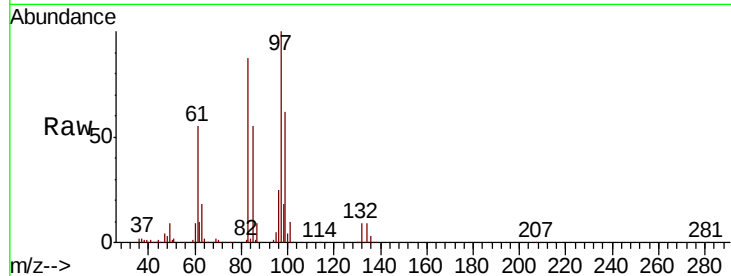




#55
 1,1,2-Trichloroethane
 Concen: 47.630 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

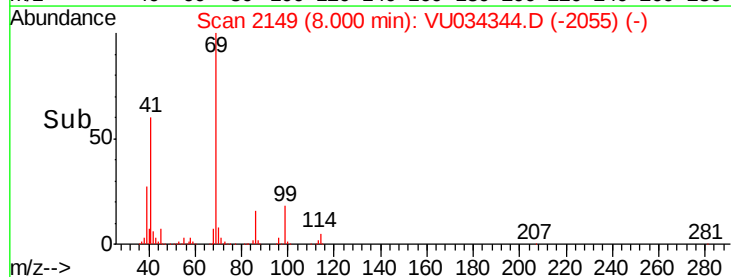
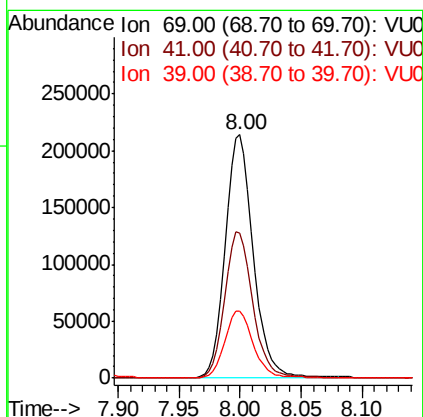
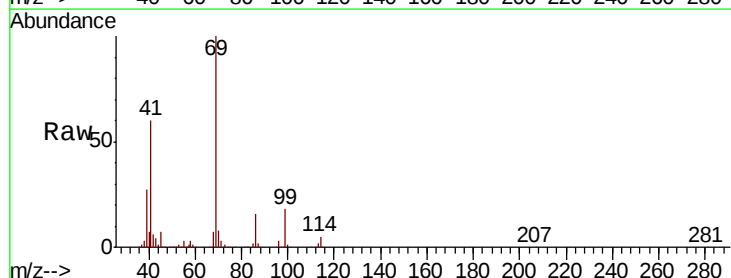
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	224216
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.0	103.6
85	55.3	44.2	66.2
99	62.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 48.414 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion:	69	Resp:	345516
Ion	Ratio	Lower	Upper
69	100		
41	60.7	49.5	74.3
39	27.7	22.5	33.7

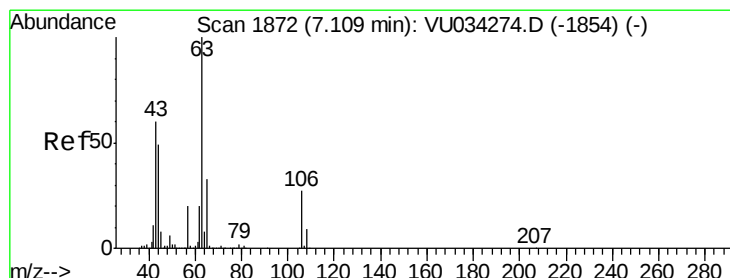
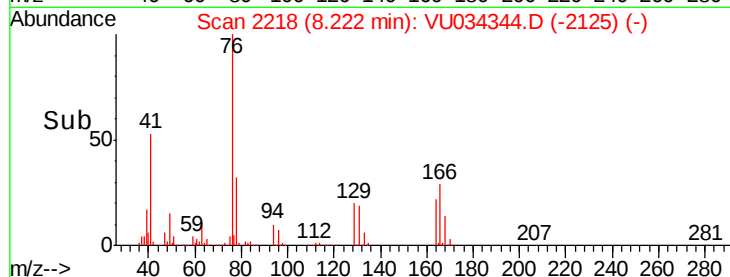
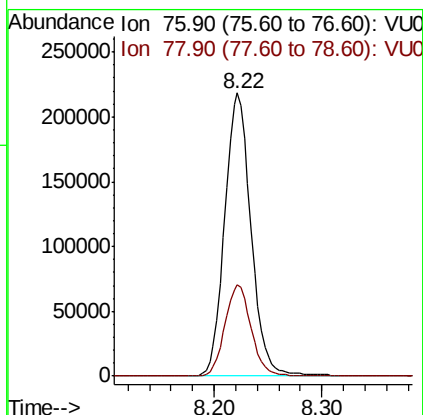
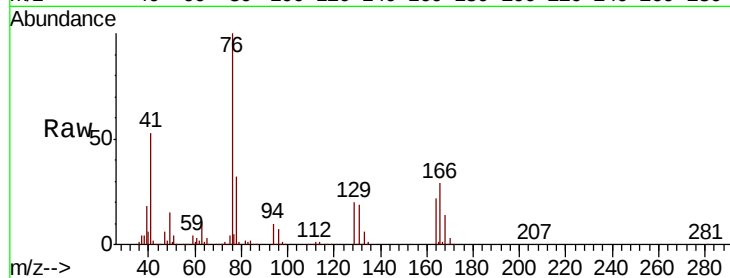




#57
 1,3-Dichloropropane
 Concen: 48.442 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

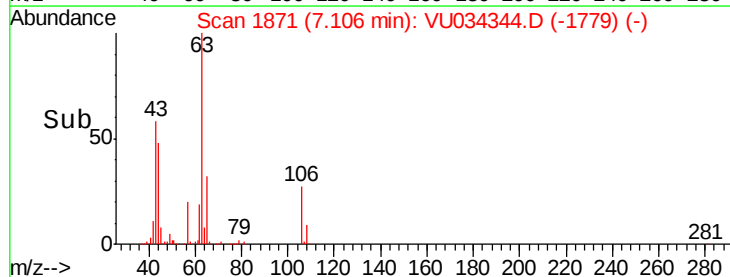
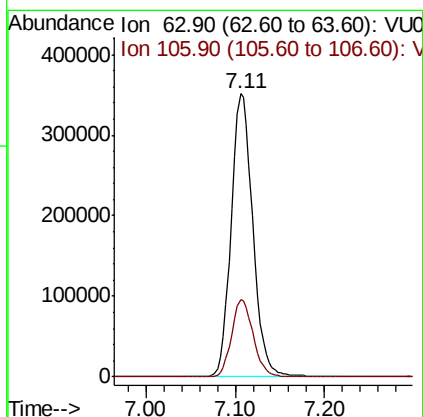
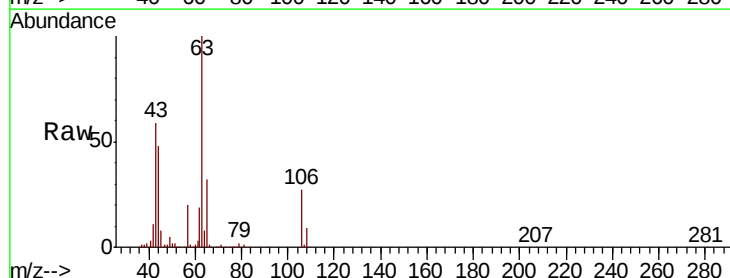
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

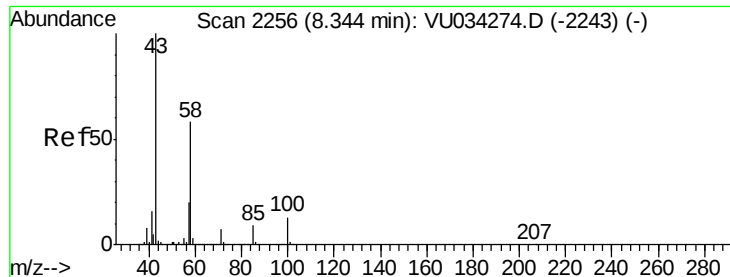
Tgt Ion: 76 Resp: 371331
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.941 ug/l
 RT: 7.11 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 63 Resp: 591810
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

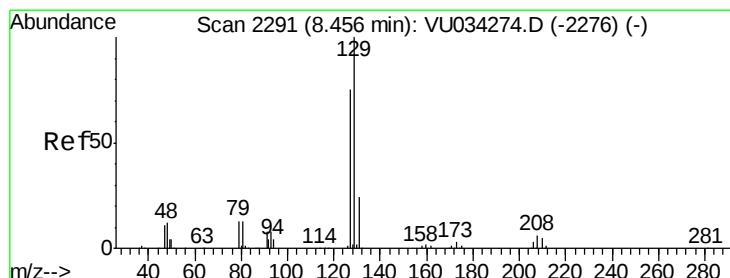
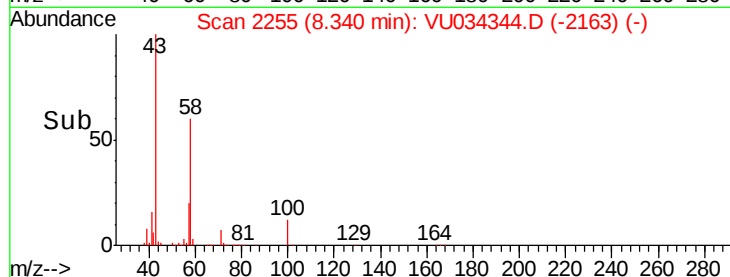
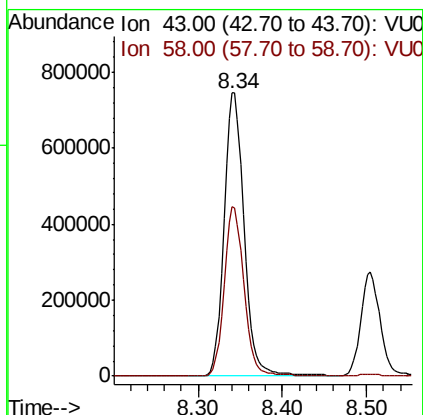
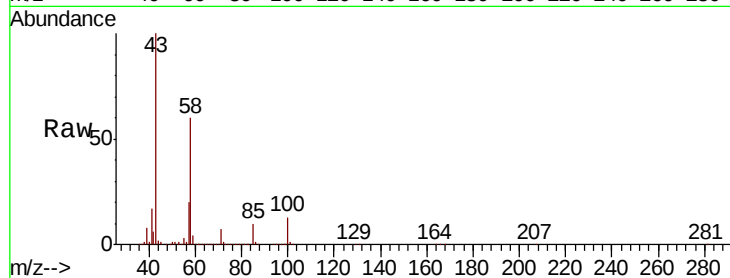




#59
2-Hexanone
Concen: 251.119 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

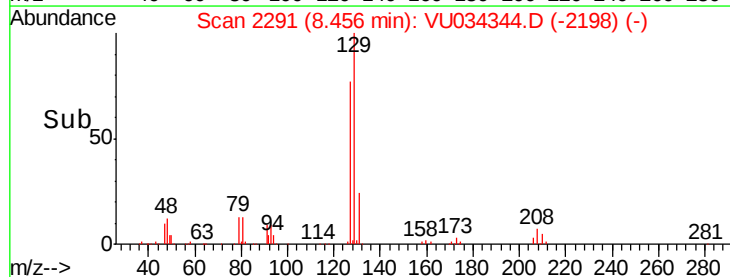
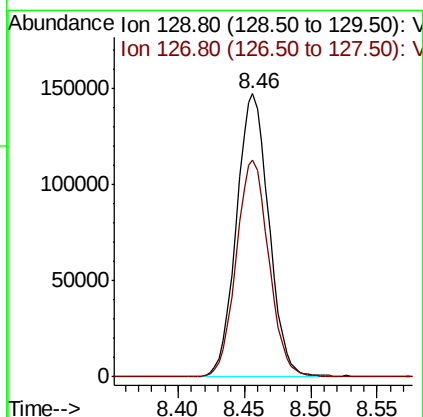
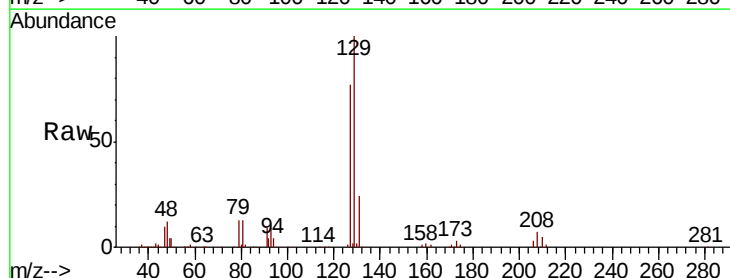
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1226697
Ion Ratio Lower Upper
43 100
58 59.4 28.8 86.5



#60
Dibromochloromethane
Concen: 49.571 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 129 Resp: 250296
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.7





#61

1,2-Dibromoethane

Concen: 49.081 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

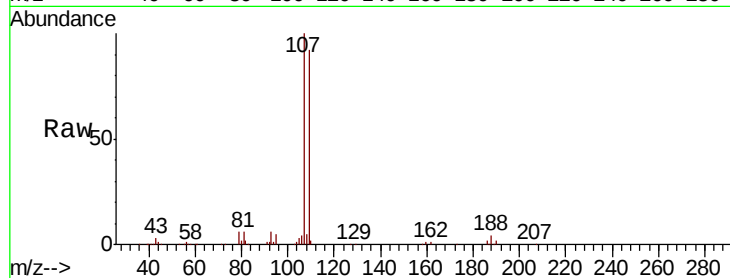
VSTDCCC050EC

Tgt Ion: 107 Resp: 226142

Ion Ratio Lower Upper

107 100

109 94.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

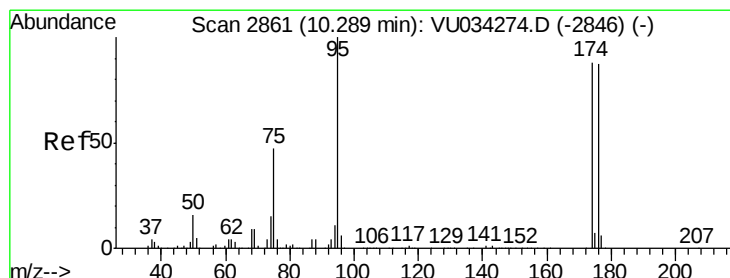
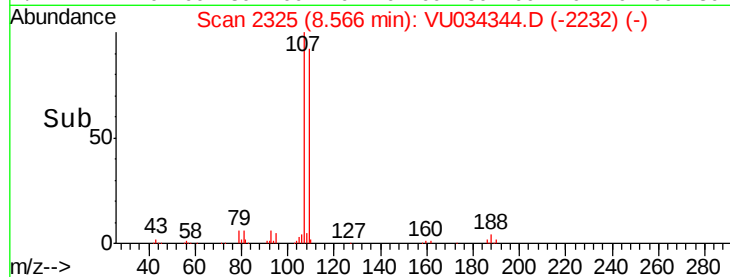
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.984 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

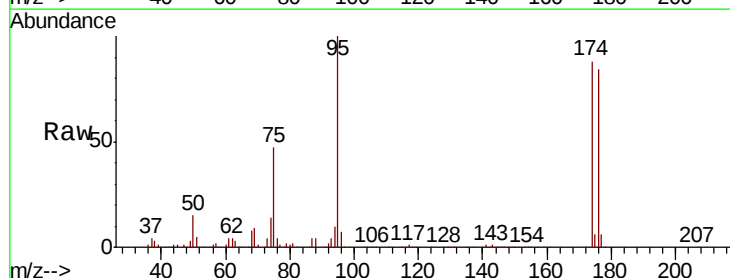
Tgt Ion: 95 Resp: 305870

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.2

176 85.5 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

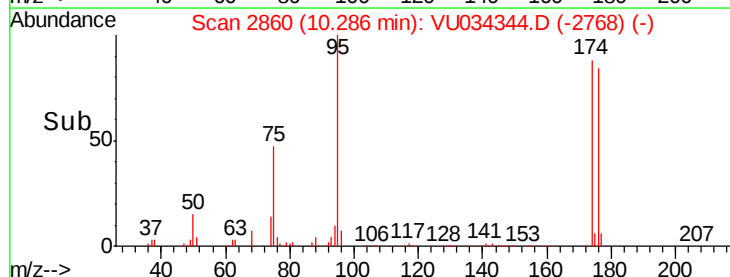
150000

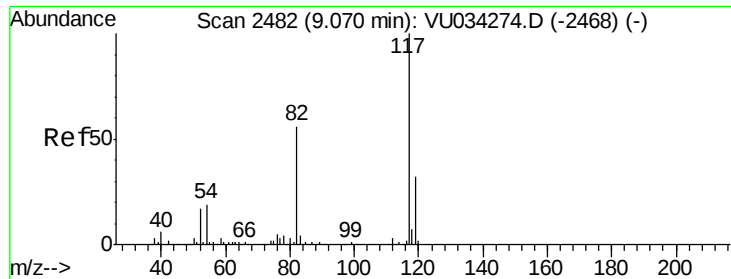
100000

50000

0

Time-->

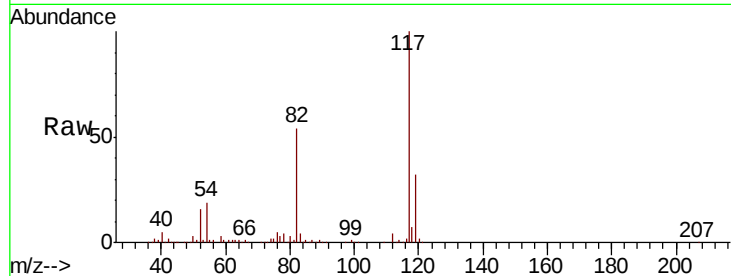




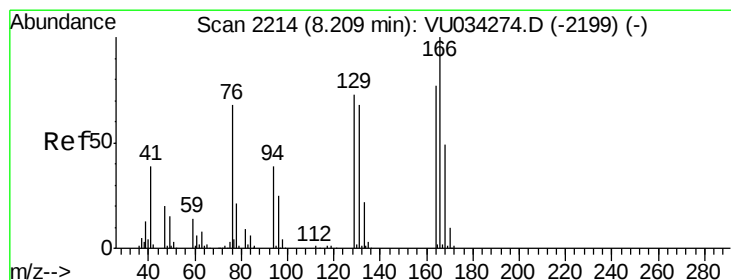
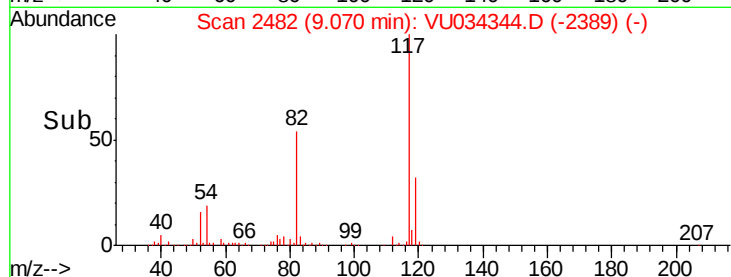
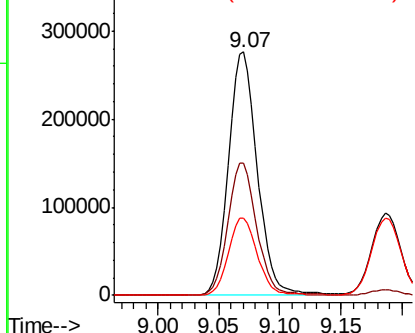
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 458482
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.0 25.9 38.9

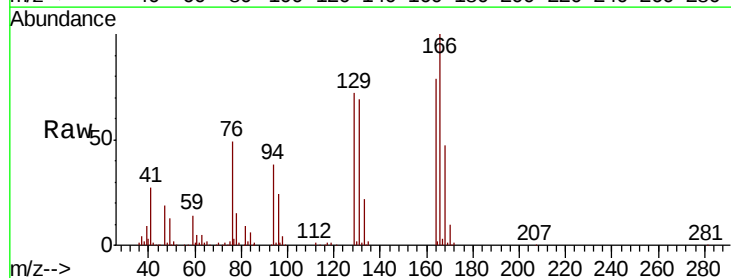


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

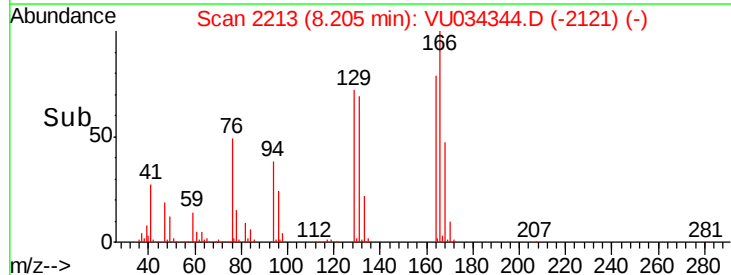
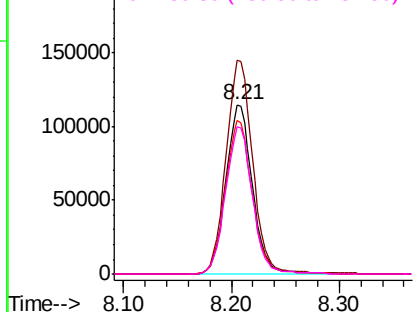


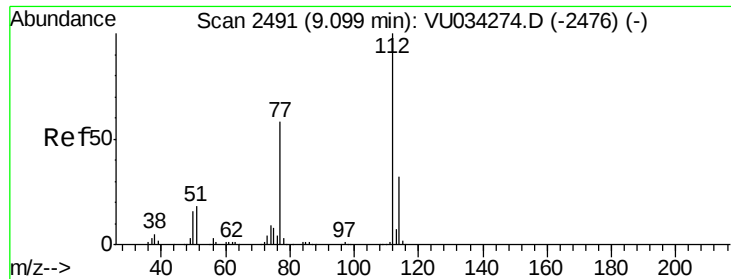
#64
Tetrachloroethene
Concen: 49.454 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion:164 Resp: 196709
Ion Ratio Lower Upper
164 100
166 126.3 103.7 155.5
129 91.0 75.8 113.8
131 86.7 70.7 106.1



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

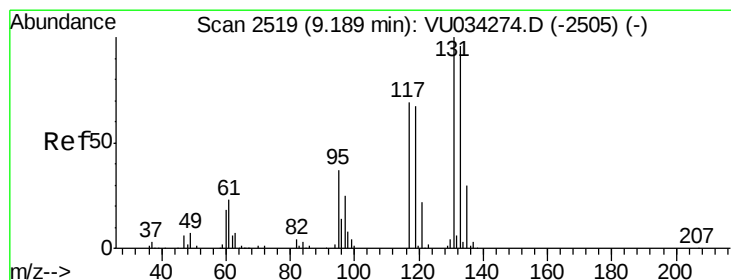
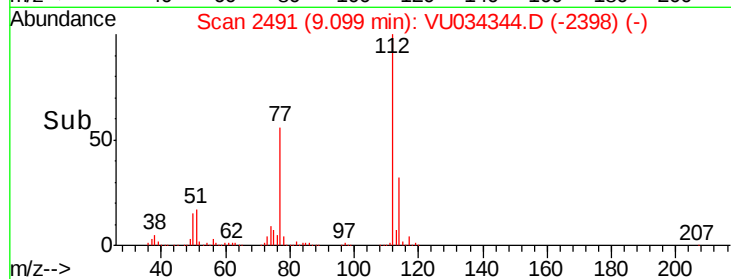
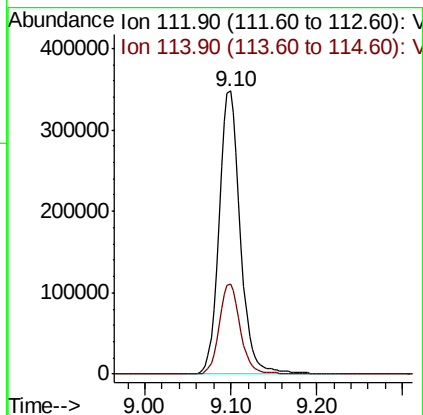
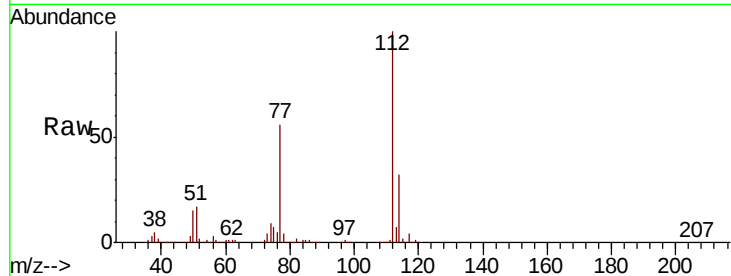




#65
Chlorobenzene
Concen: 51.046 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

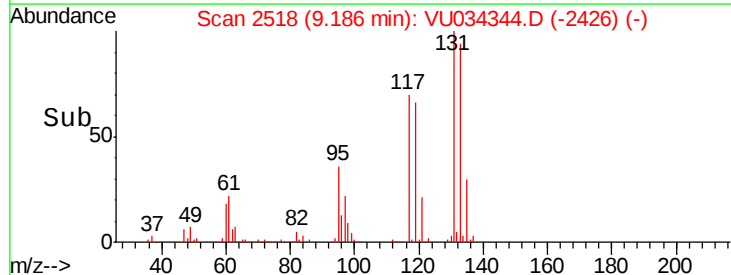
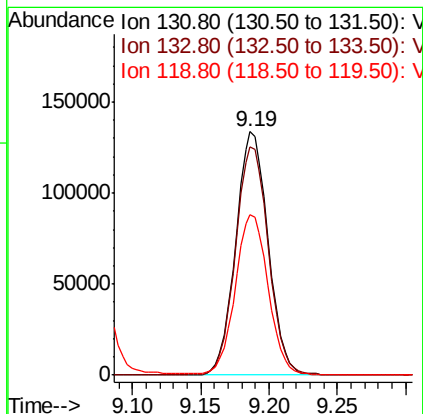
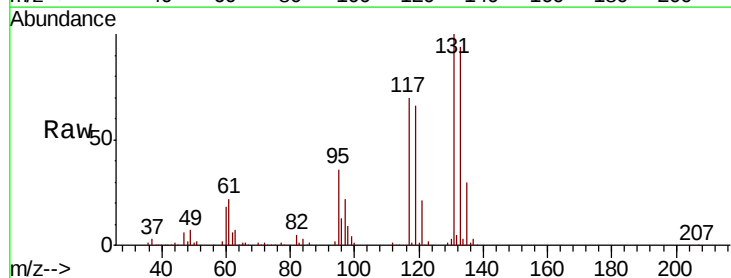
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

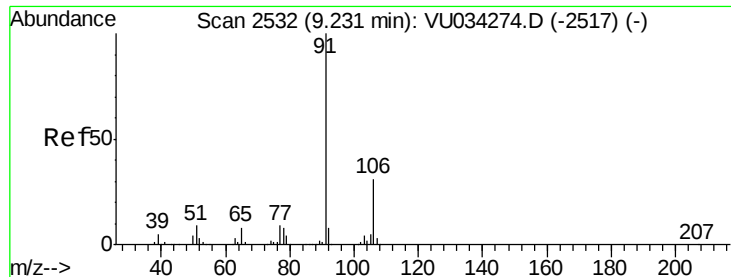
Tgt Ion:112 Resp: 593756
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.694 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion:131 Resp: 220598
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 66.4 33.1 99.5

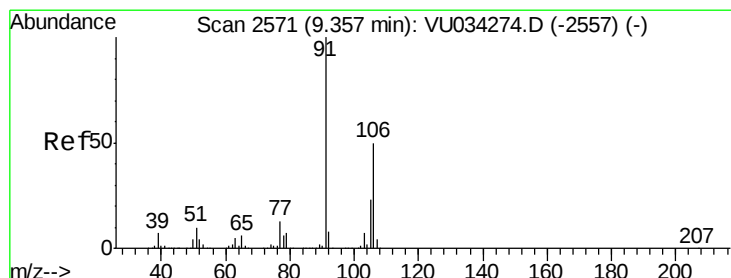
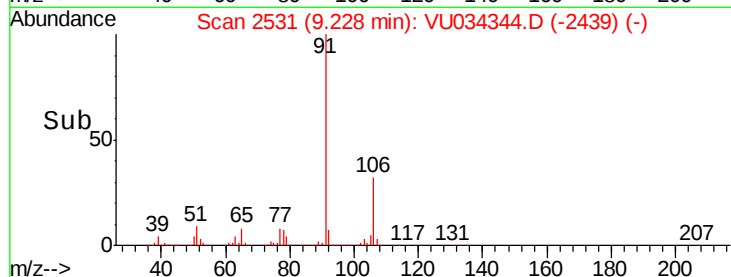
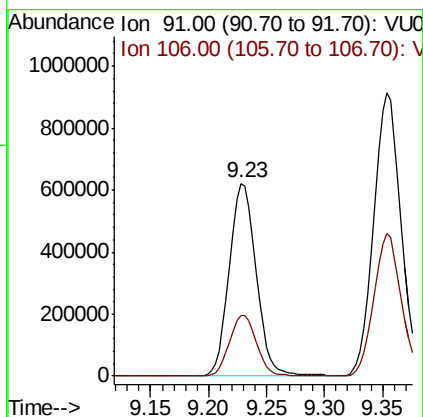
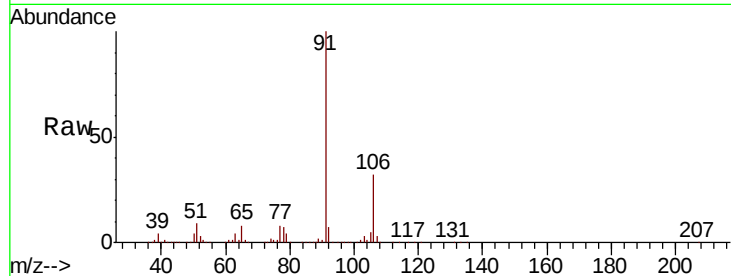




#67
Ethyl Benzene
Concen: 52.581 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

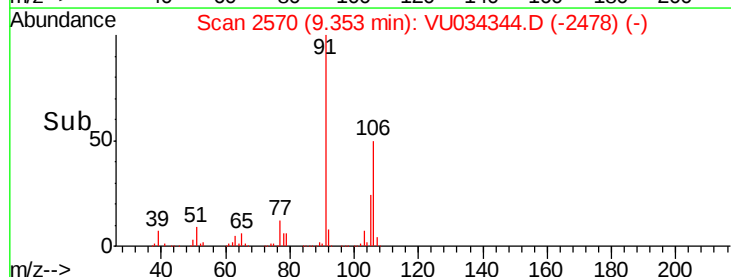
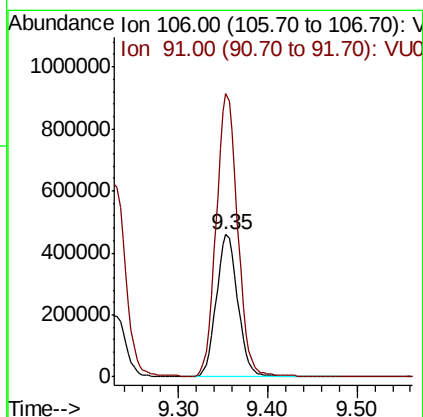
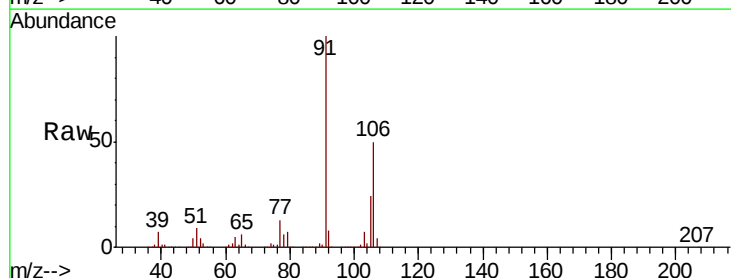
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

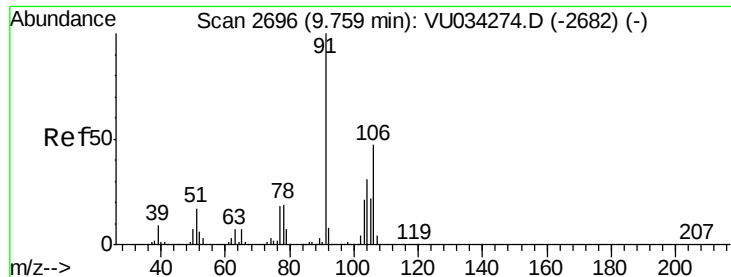
Tgt Ion: 91 Resp: 1000026
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2



#68
m/p-Xylenes
Concen: 107.203 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 106 Resp: 767760
Ion Ratio Lower Upper
106 100
91 198.2 160.1 240.1

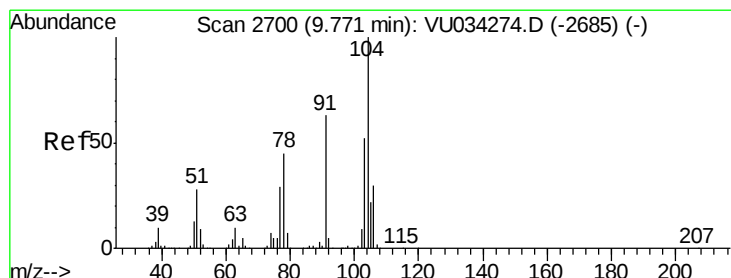
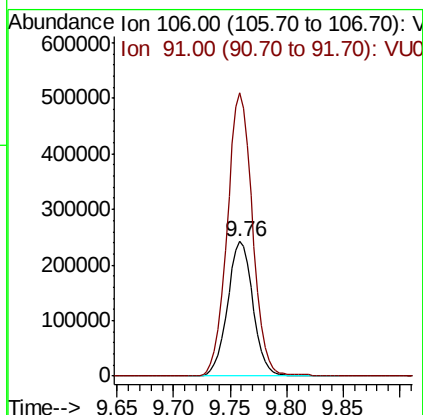
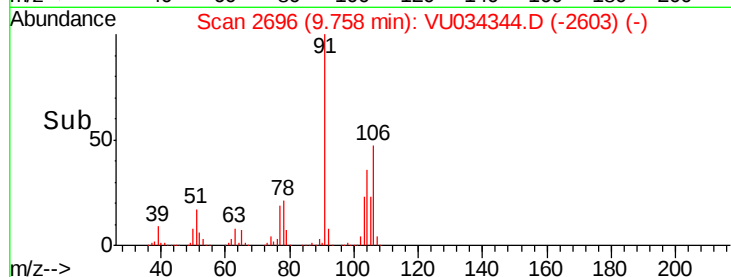
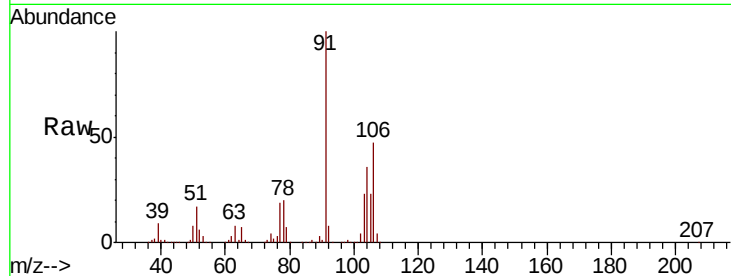




#69
o-Xylene
Concen: 54.228 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

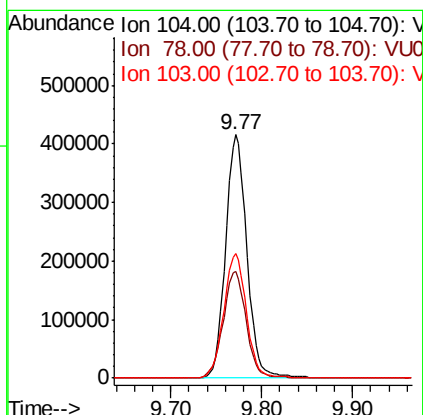
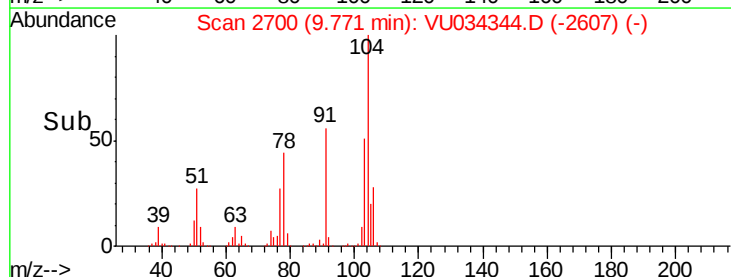
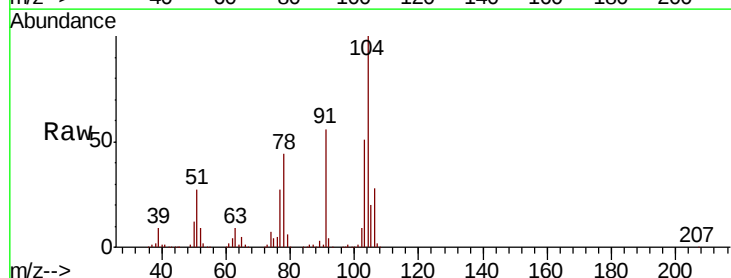
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

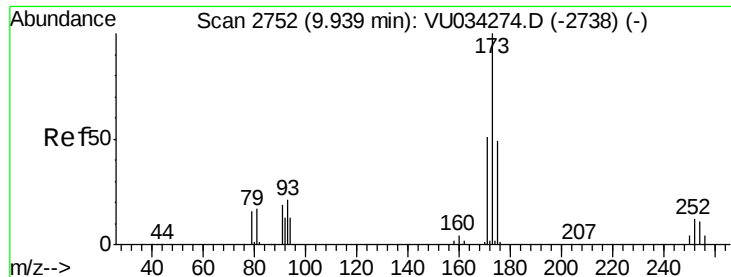
Tgt Ion:106 Resp: 379809
Ion Ratio Lower Upper
106 100
91 209.0 105.1 315.3



#70
Styrene
Concen: 55.135 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion:104 Resp: 677038
Ion Ratio Lower Upper
104 100
78 47.3 38.6 57.8
103 54.5 44.2 66.4

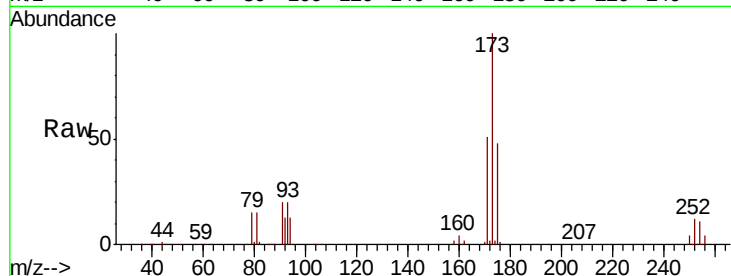




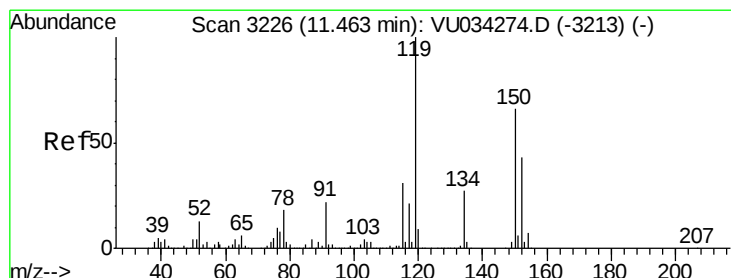
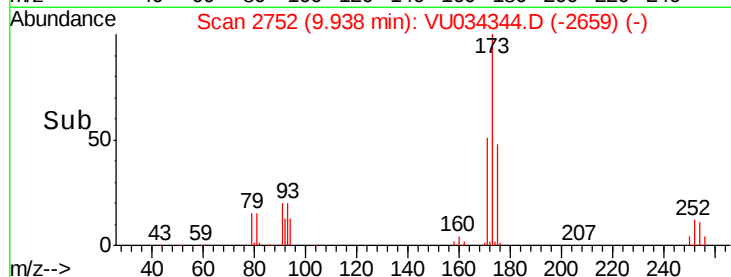
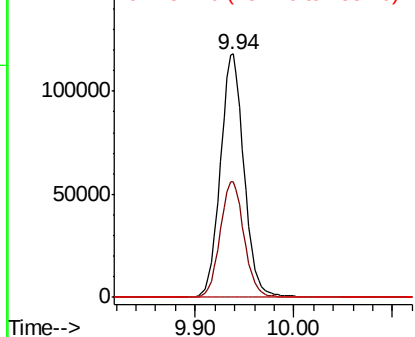
#71
 Bromoform
 Concen: 51.579 ug/l
 RT: 9.94 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:173 Resp: 198438
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.4 73.2
 254 0.1 0.0 0.0#

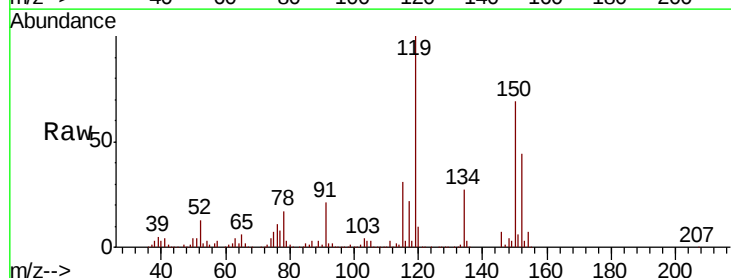


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

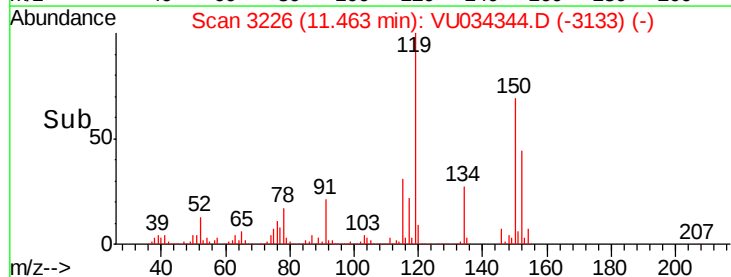
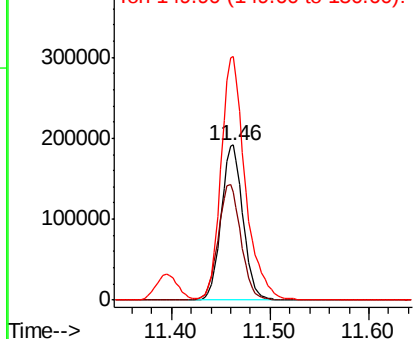


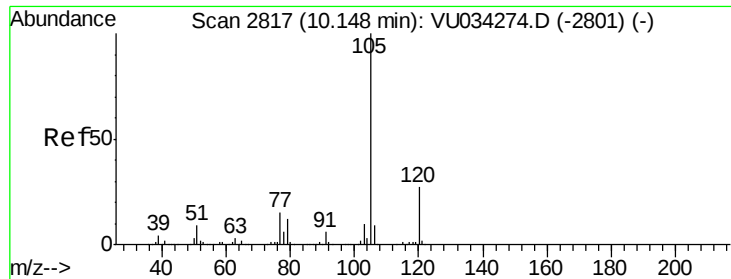
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion:152 Resp: 297444
 Ion Ratio Lower Upper
 152 100
 115 77.8 39.1 117.3
 150 173.7 0.0 345.4



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: 53.552 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

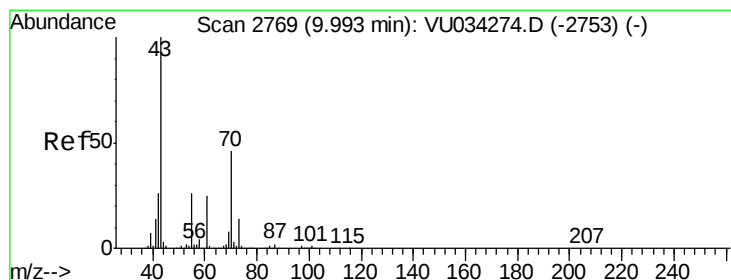
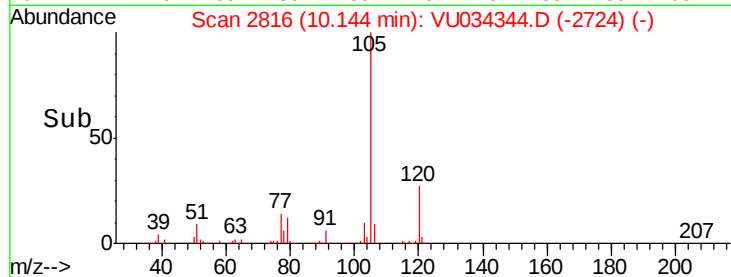
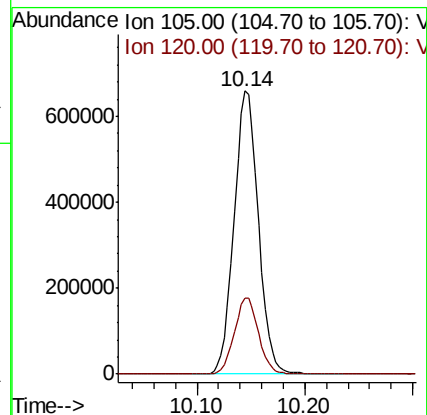
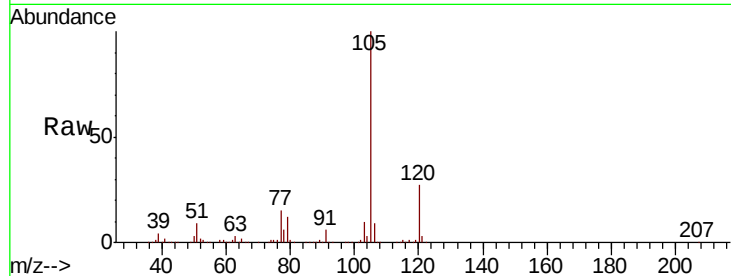
VSTDCCC050EC

Tgt Ion:105 Resp: 1036613

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 56.633 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Tgt Ion: 43 Resp: 441270

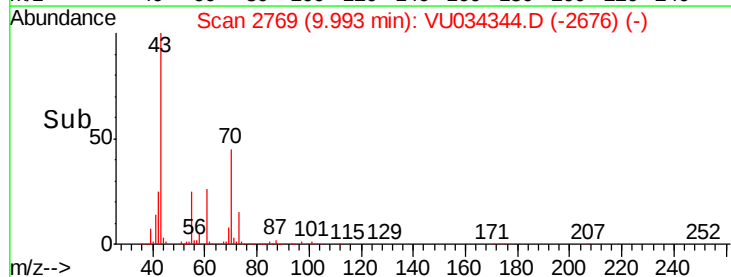
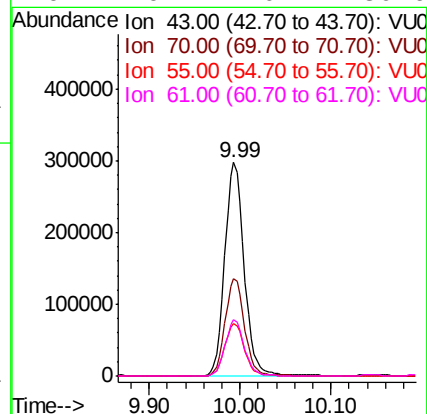
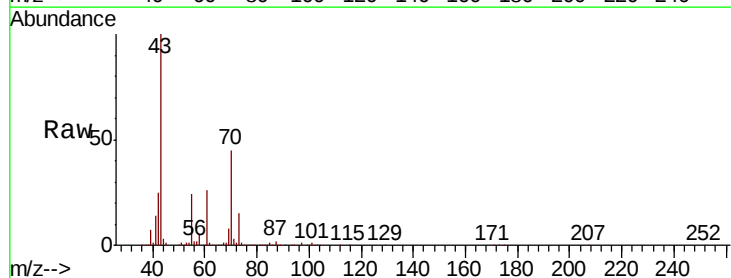
Ion Ratio Lower Upper

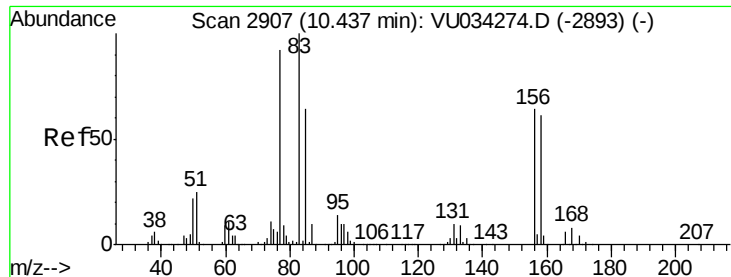
43 100

70 45.9 36.4 54.6

55 25.0 21.2 31.8

61 26.1 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.594 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

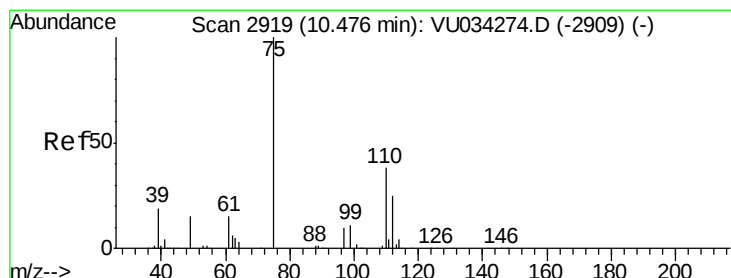
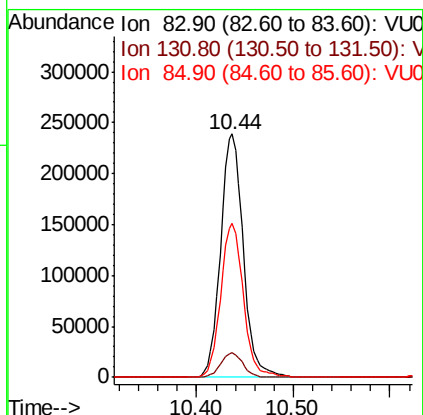
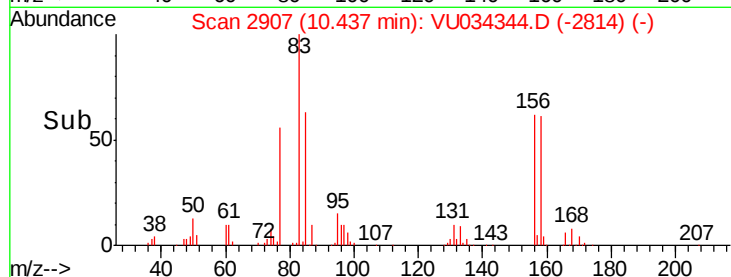
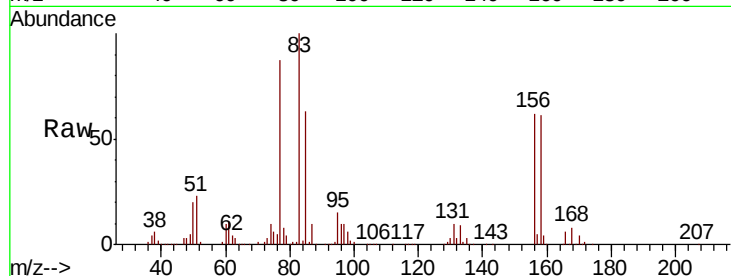
Tgt Ion: 83 Resp: 388581

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 63.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.768 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034344.D

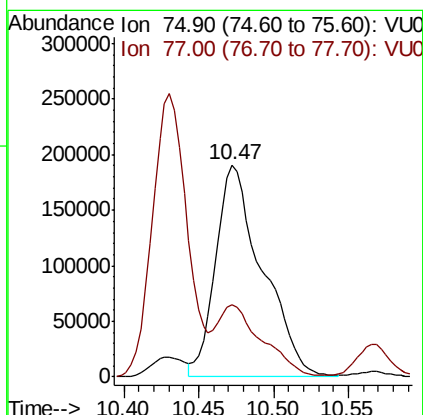
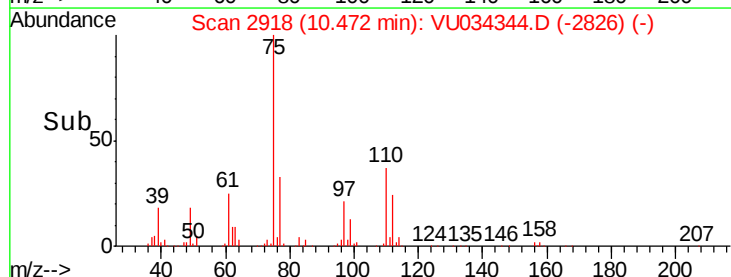
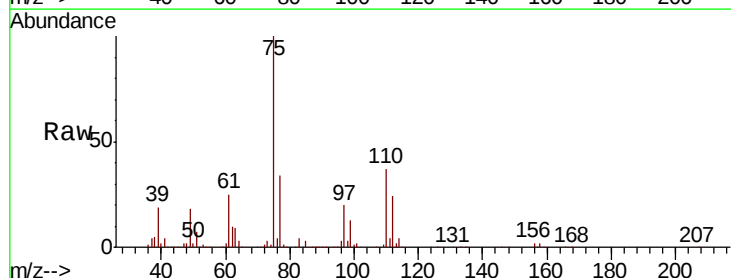
Acq: 06 Sep 2019 20:26

Tgt Ion: 75 Resp: 414022

Ion Ratio Lower Upper

75 100

77 31.3 20.8 62.2





#77

Bromobenzene

Concen: 51.696 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034344.D

Acq: 06 Sep 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

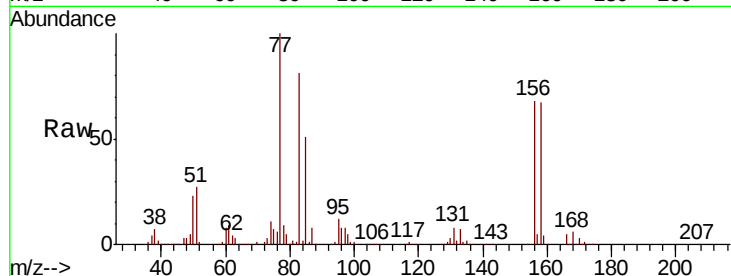
Tgt Ion:156 Resp: 279804

Ion Ratio Lower Upper

156 100

77 147.0 75.6 226.9

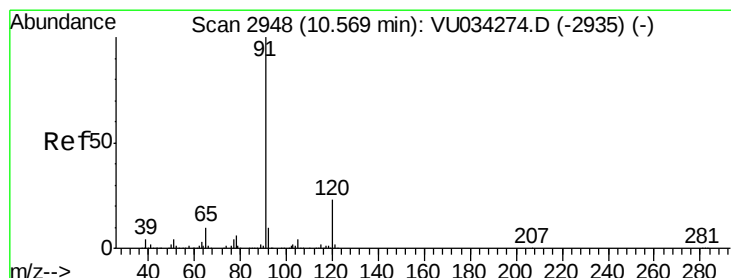
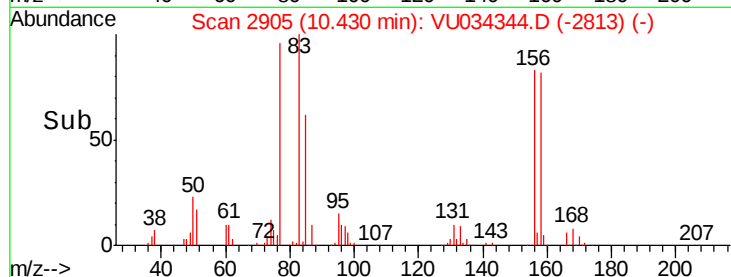
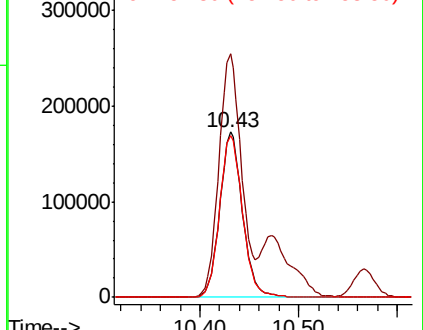
158 99.2 48.2 144.6



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: 52.978 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034344.D

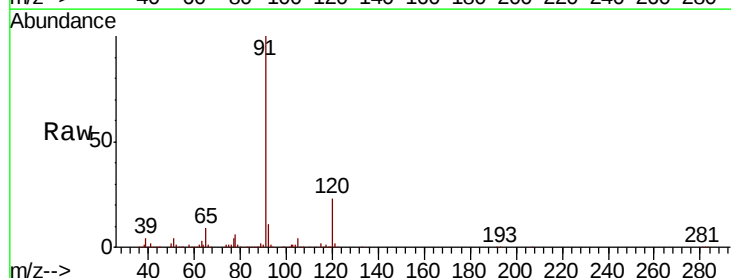
Acq: 06 Sep 2019 20:26

Tgt Ion: 91 Resp: 1184339

Ion Ratio Lower Upper

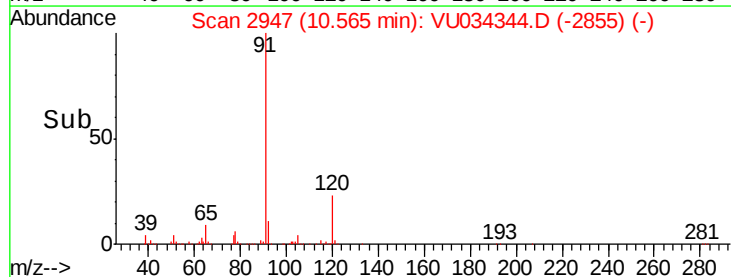
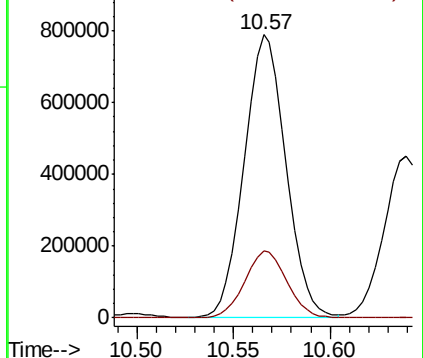
91 100

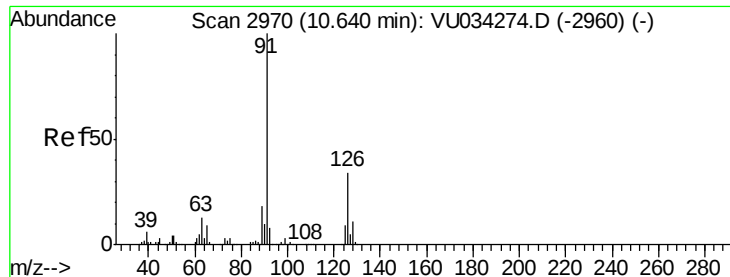
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

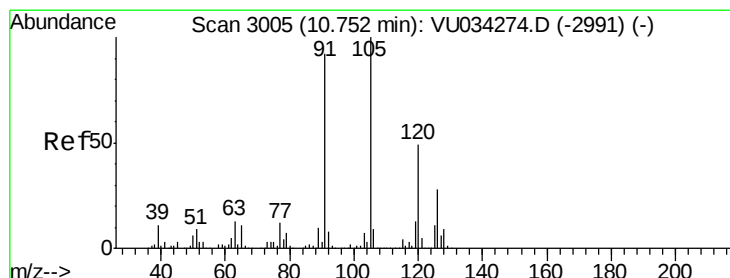
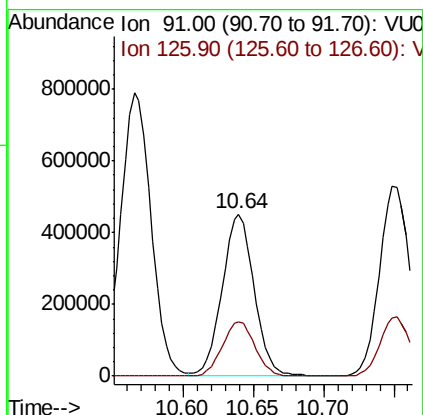
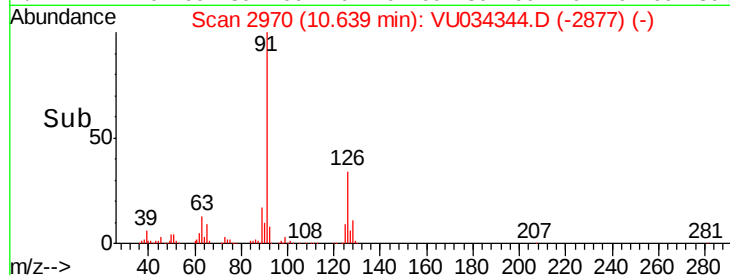
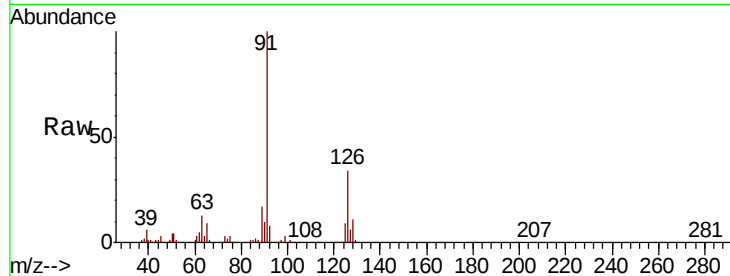




#79
 2-Chlorotoluene
 Concen: 52.107 ug/l
 RT: 10.64 min Scan# 2970
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

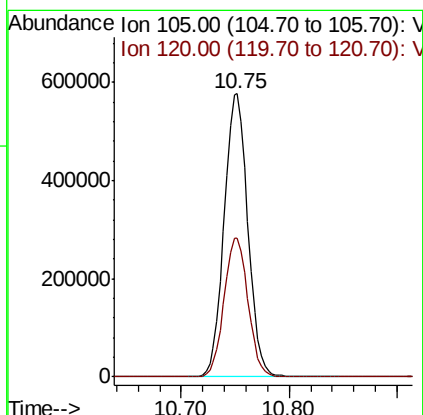
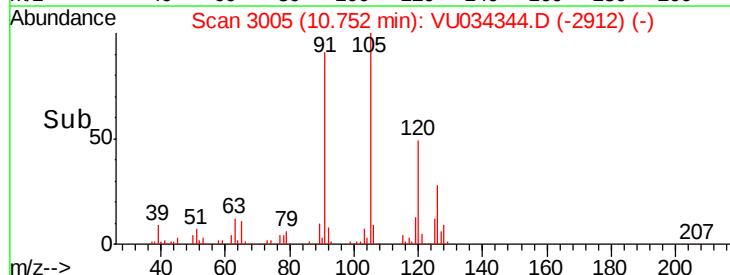
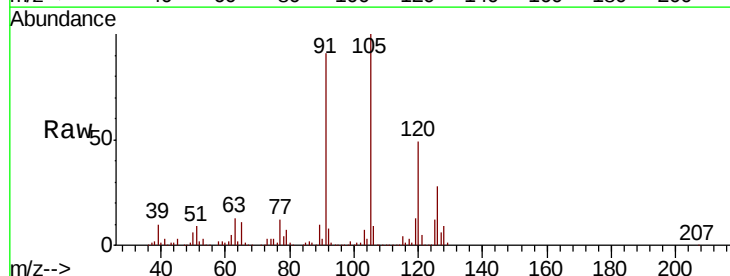
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

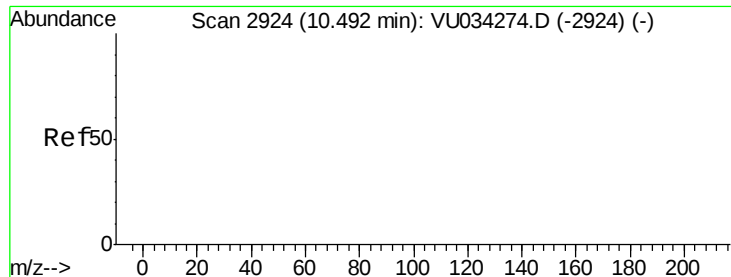
Tgt Ion: 91 Resp: 710758
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 54.395 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 105 Resp: 880605
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.7

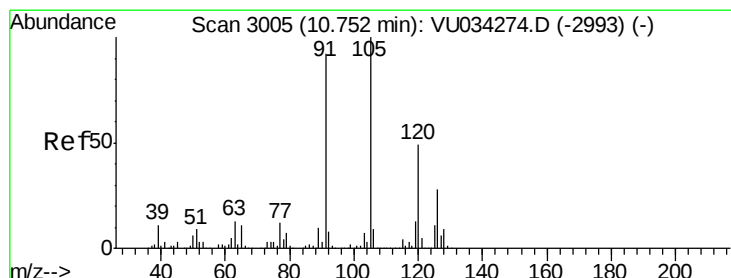
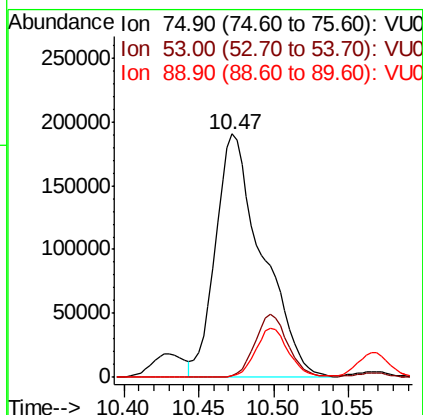
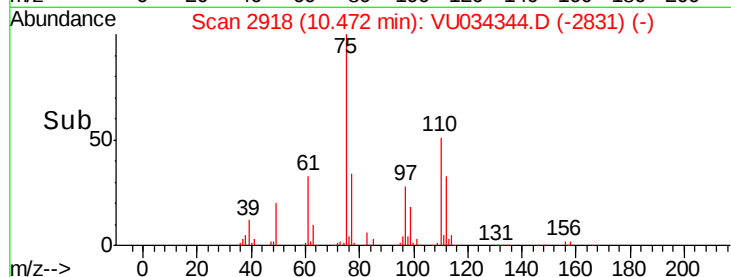
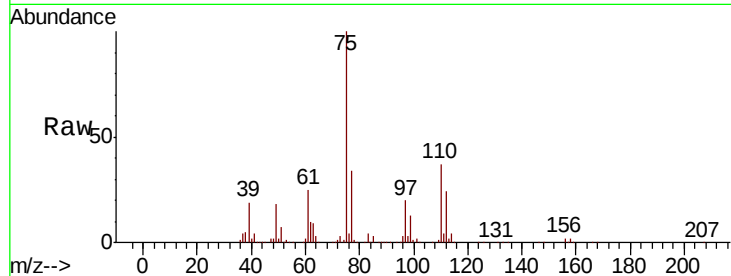




#81
trans-1,4-Dichloro-2-butene
Concen: 214.446 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

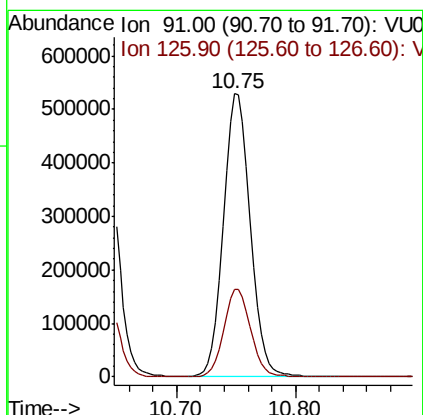
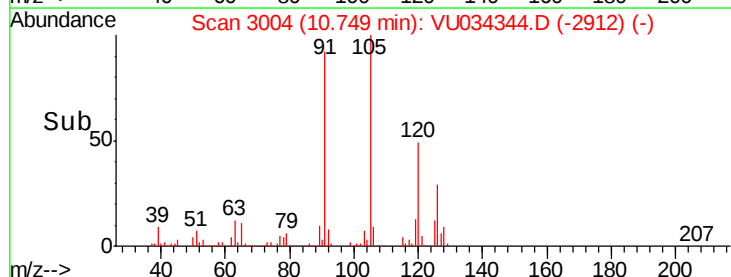
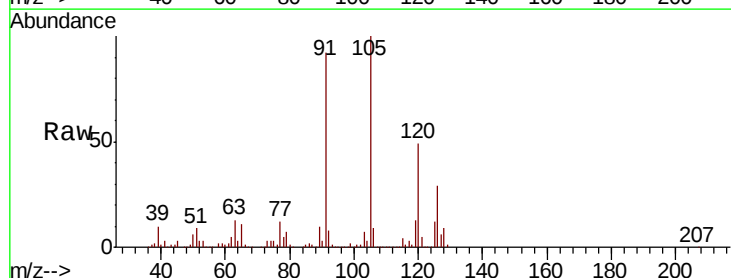
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

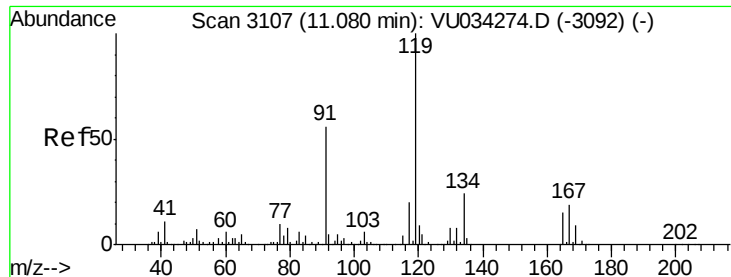
Tgt Ion: 75 Resp: 414022
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 52.388 ug/l
RT: 10.75 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 91 Resp: 822347
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.8

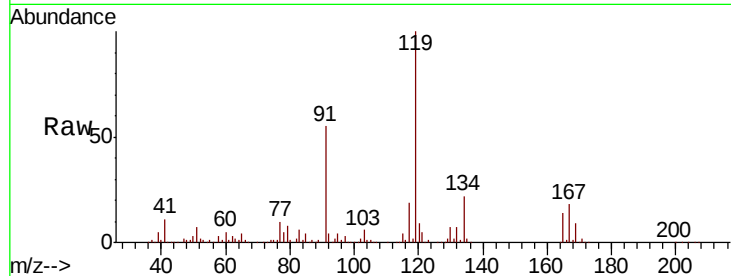




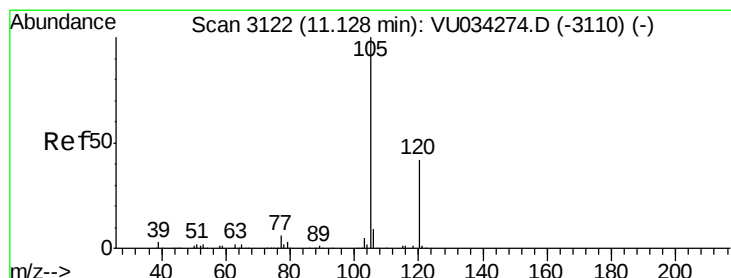
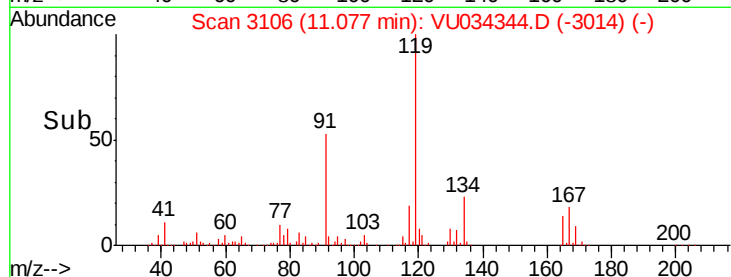
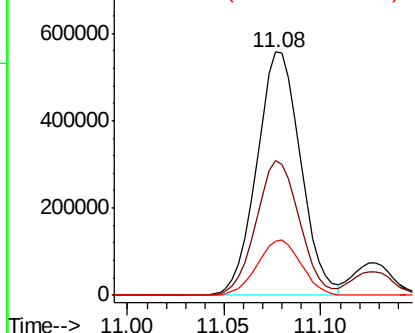
#83
 tert-Butylbenzene
 Concen: 54.236 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 878363
 Ion Ratio Lower Upper
 119 100
 91 54.7 27.8 83.4
 134 22.8 11.7 35.0

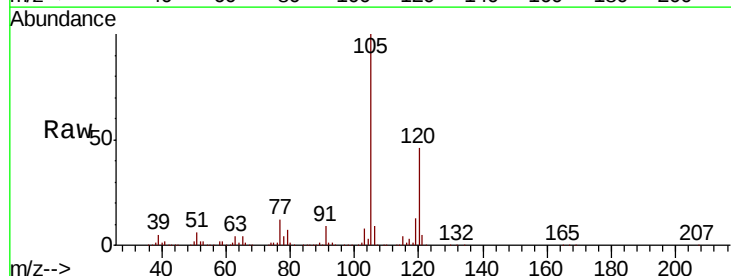


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

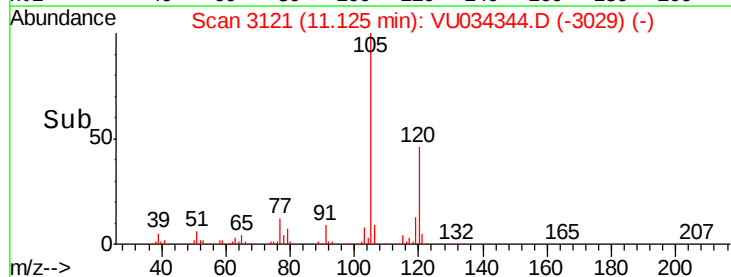
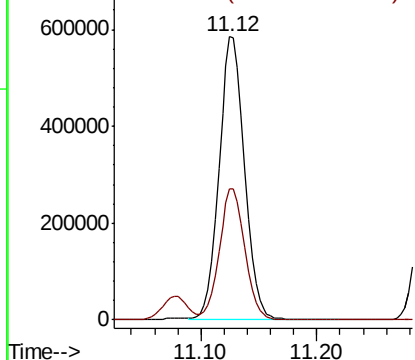


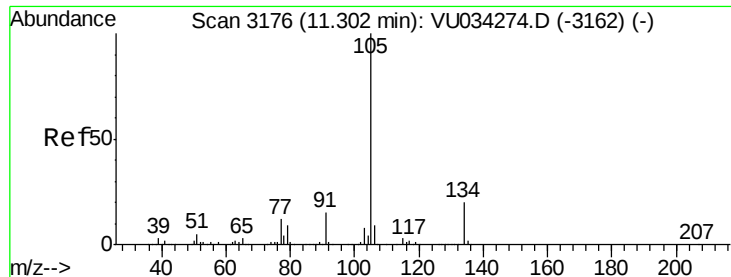
#84
 1,2,4-Trimethylbenzene
 Concen: 54.753 ug/l
 RT: 11.12 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion:105 Resp: 892261
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8



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

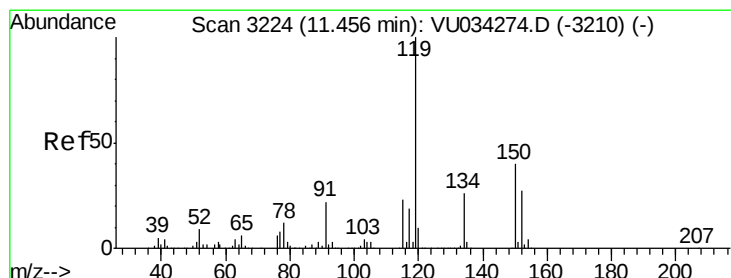
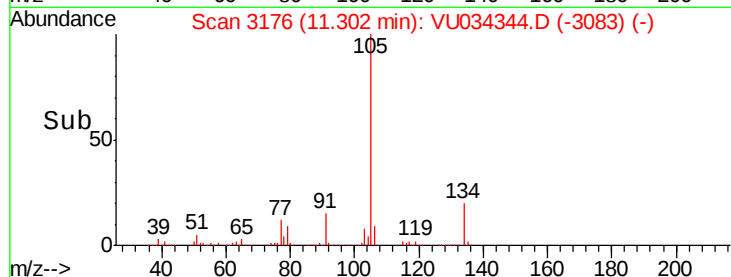
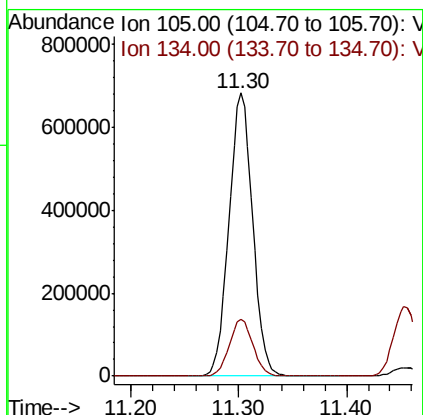
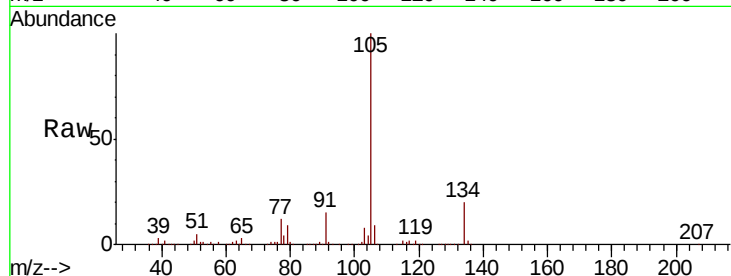




#85
 sec-Butylbenzene
 Concen: 54.497 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

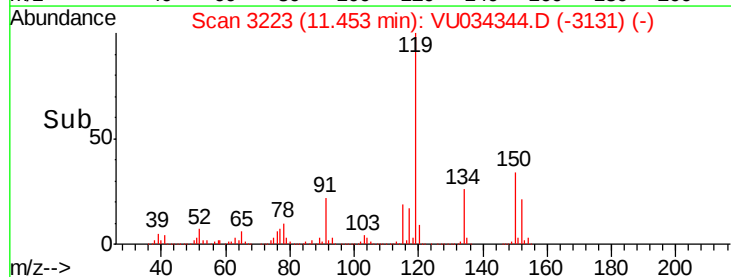
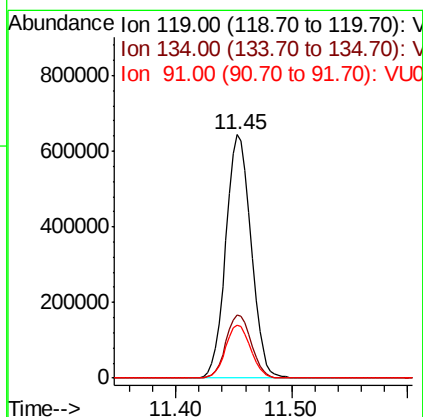
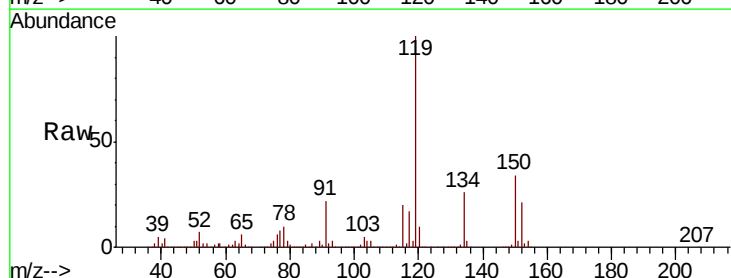
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

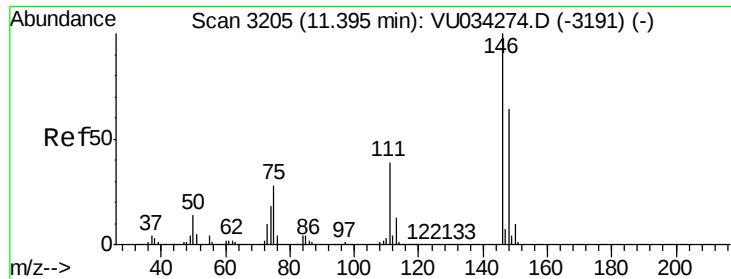
Tgt Ion:105 Resp: 1041957
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 54.835 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion:119 Resp: 967676
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.0 11.2 33.6

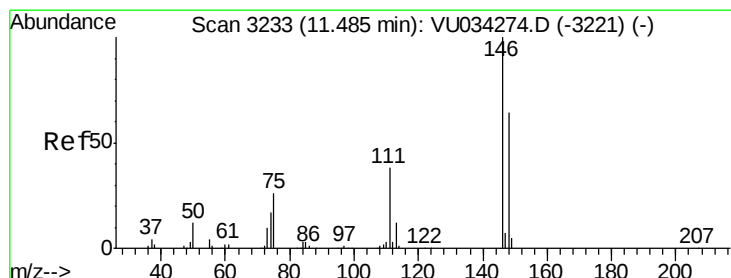
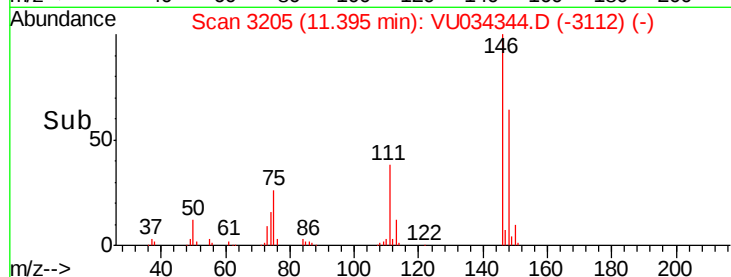
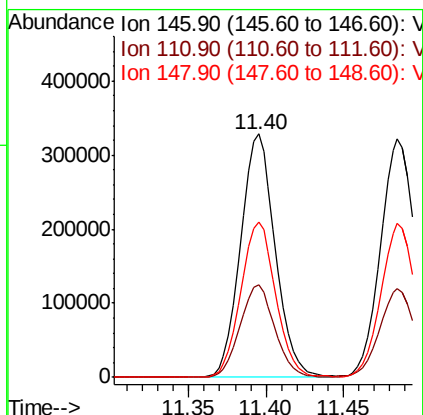
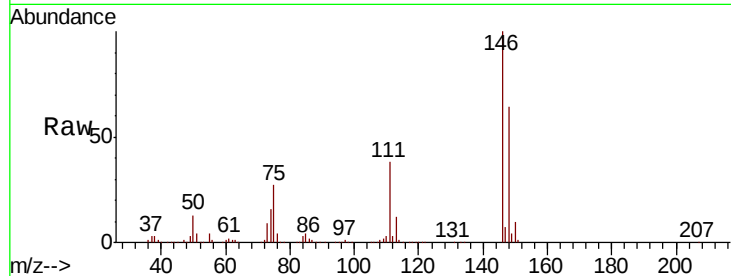




#87
 1,3-Dichlorobenzene
 Concen: 51.778 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

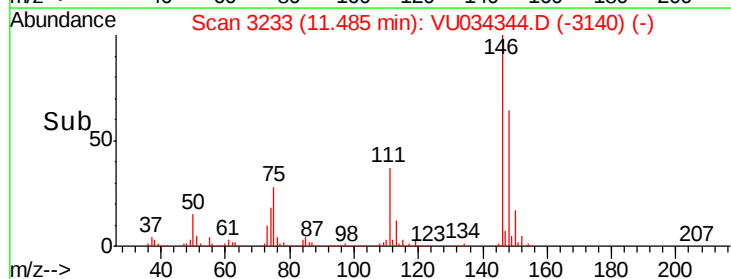
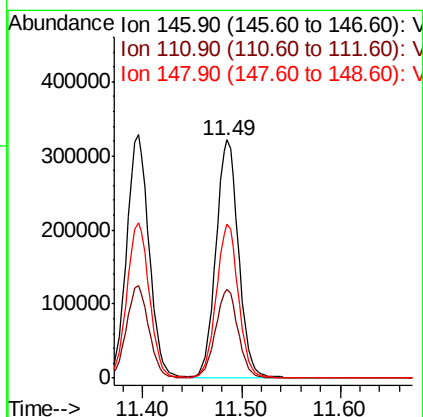
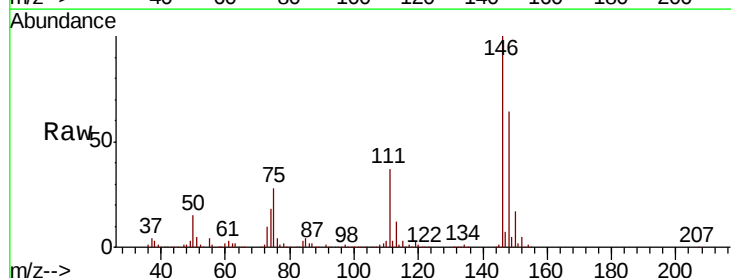
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

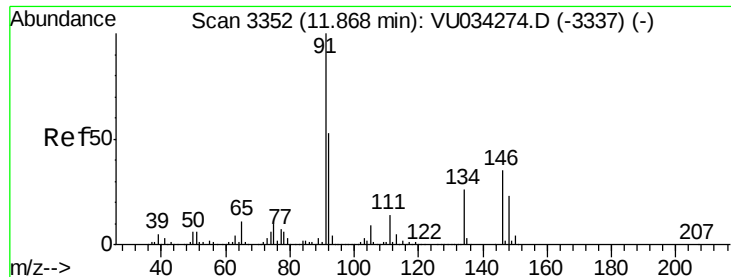
Tgt Ion:146 Resp: 511390
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.5 58.5
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.067 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion:146 Resp: 515770
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.3
 148 63.4 32.0 96.0

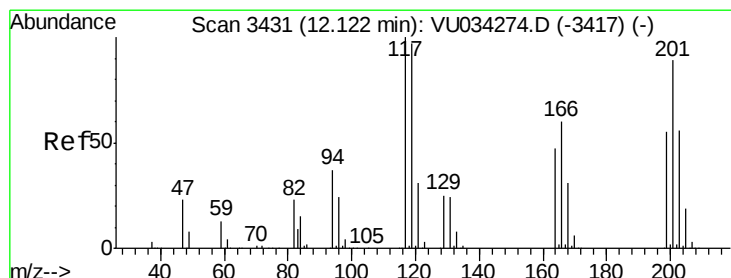
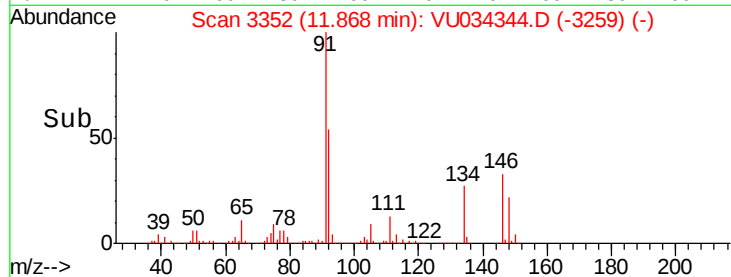
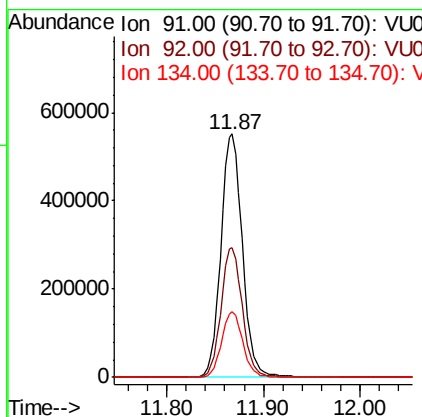
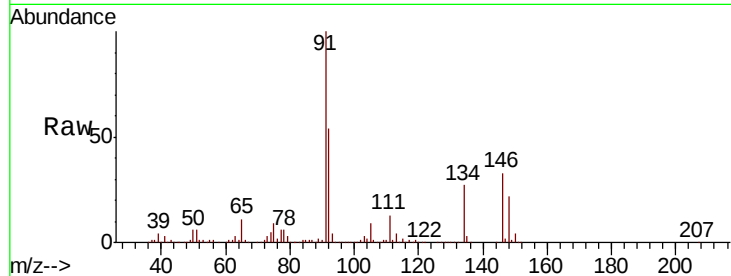




#89
n-Butylbenzene
Concen: 55.489 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

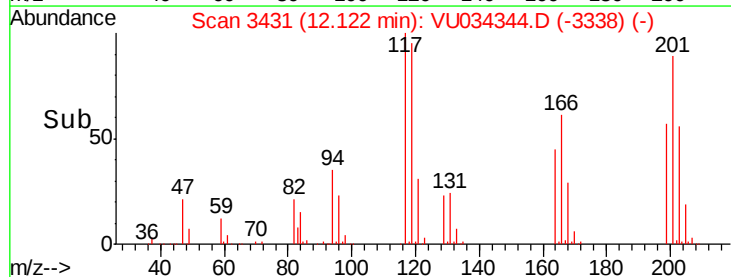
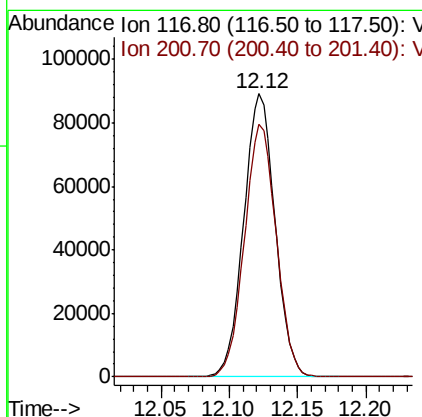
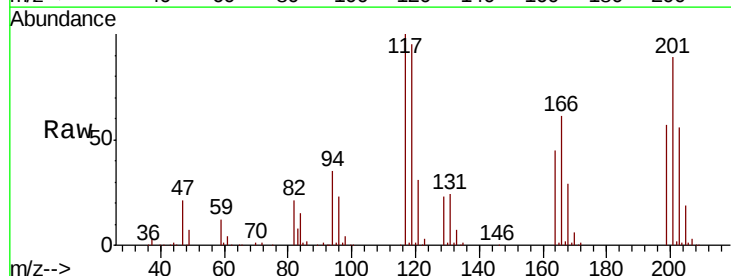
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

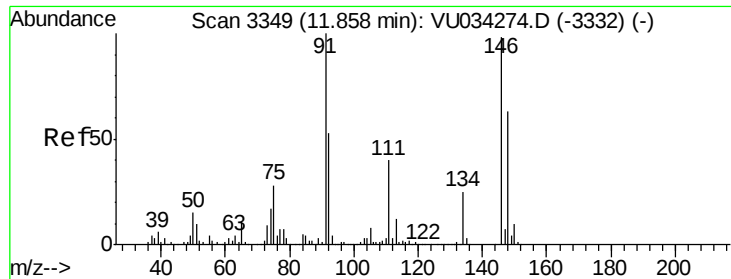
Tgt Ion: 91 Resp: 850956
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 26.8 13.2 39.6



#90
Hexachloroethane
Concen: 50.446 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion: 117 Resp: 142426
Ion Ratio Lower Upper
117 100
201 90.3 44.1 132.4

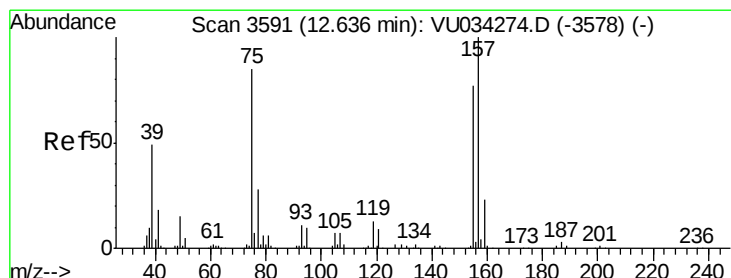
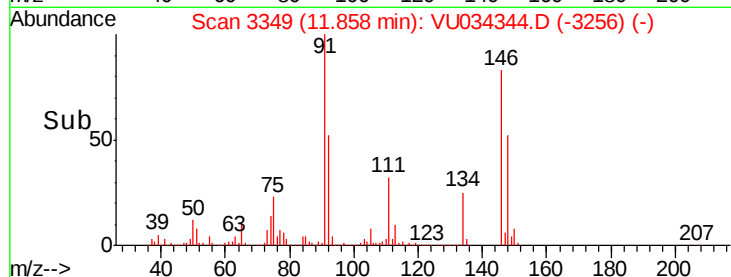
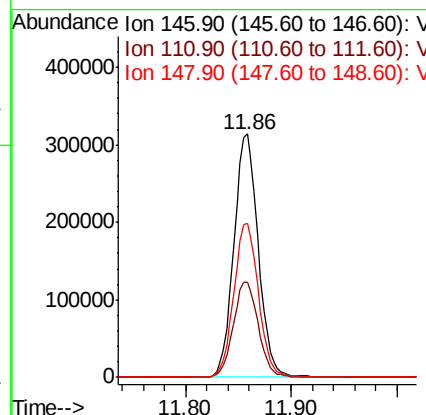
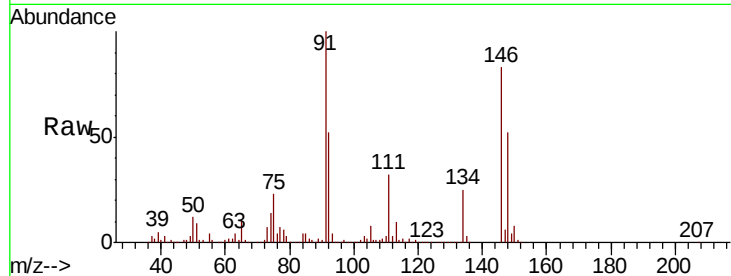




#91
 1,2-Dichlorobenzene
 Concen: 51.539 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

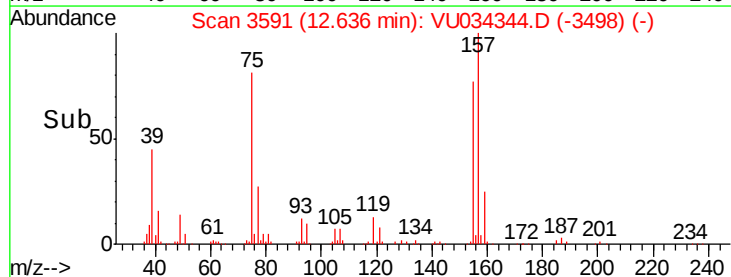
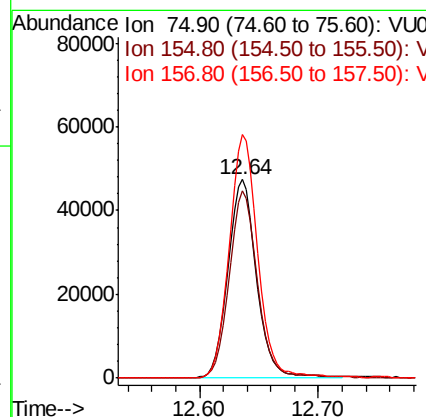
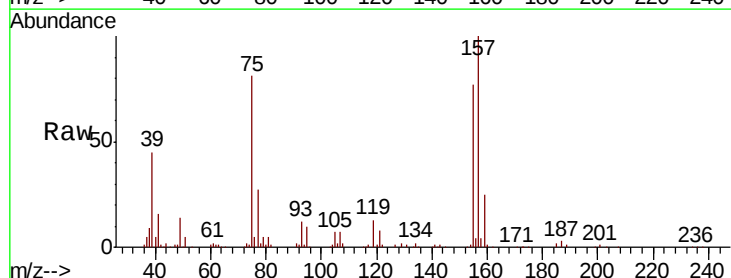
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

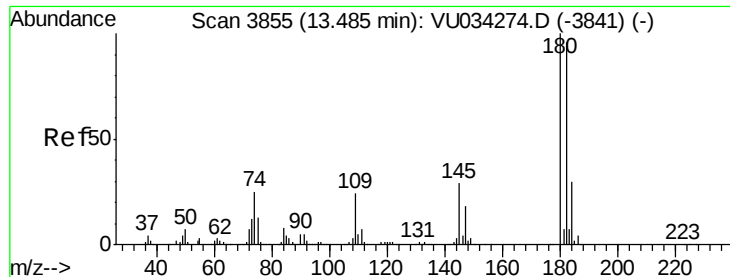
Tgt Ion: 146 Resp: 500261
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 64.2 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.886 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion: 75 Resp: 79024
 Ion Ratio Lower Upper
 75 100
 155 91.9 44.6 134.0
 157 121.7 58.2 174.6

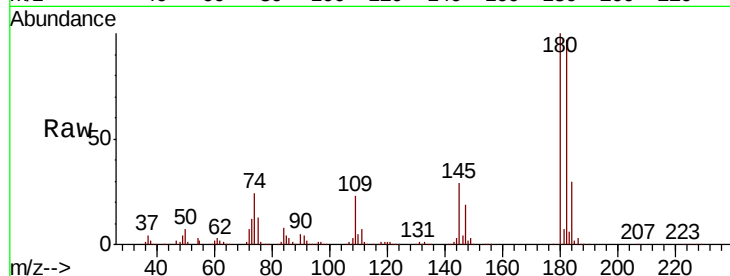




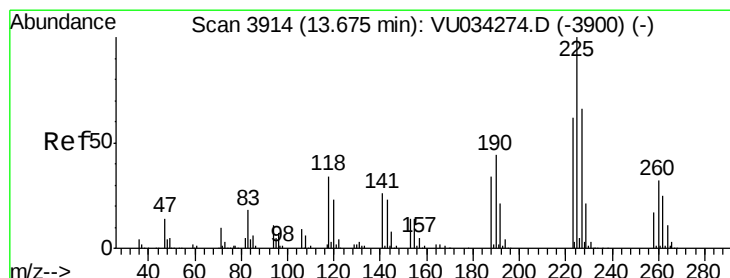
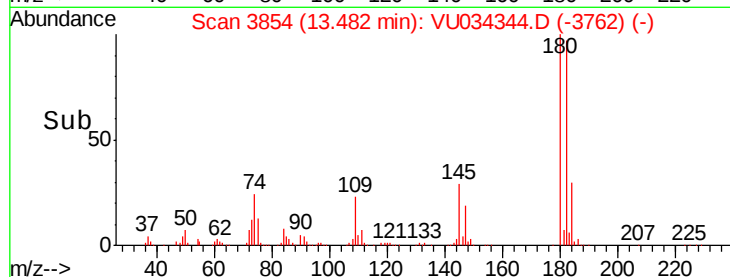
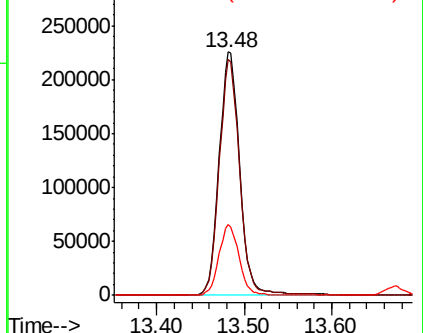
#93
 1,2,4-Trichlorobenzene
 Concen: 52.240 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 368926
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.8
 145 28.3 14.4 43.0

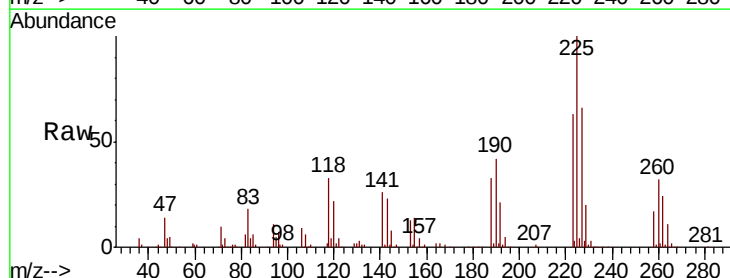


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

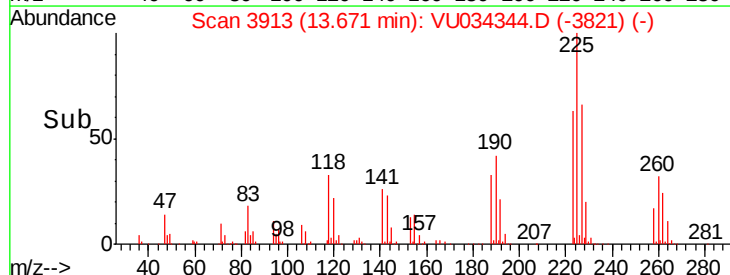
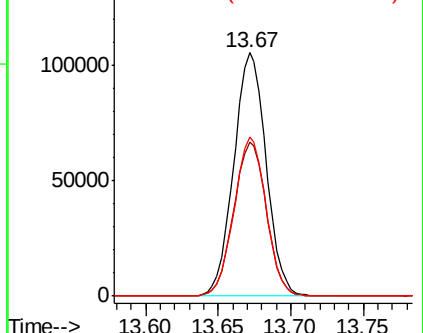


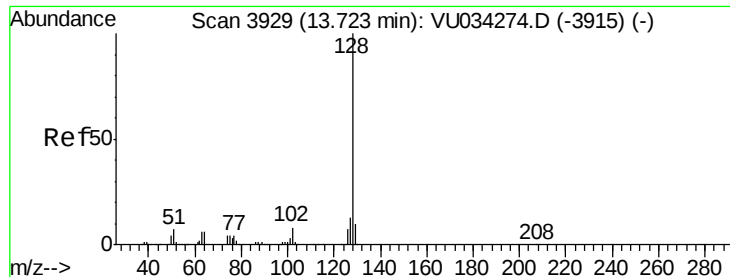
#94
 Hexachlorobutadiene
 Concen: 48.132 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034344.D
 Acq: 06 Sep 2019 20:26

Tgt Ion:225 Resp: 163424
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 94.7
 227 64.7 32.3 96.8



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

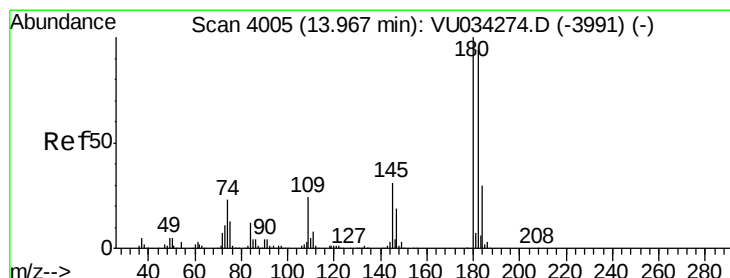
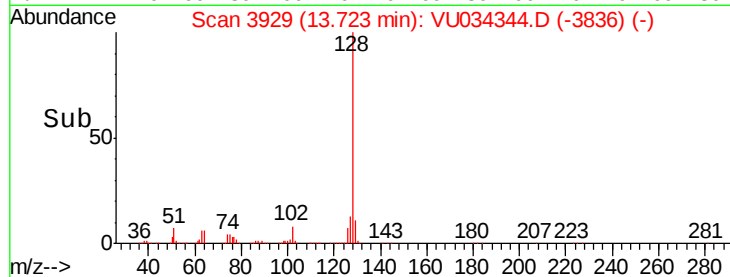
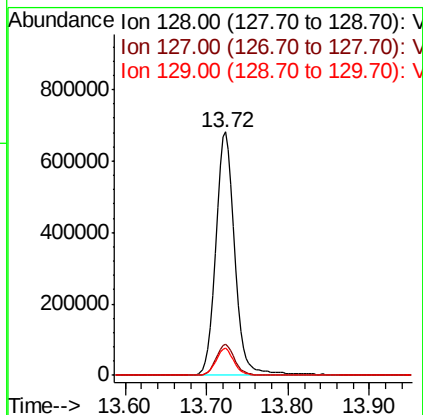
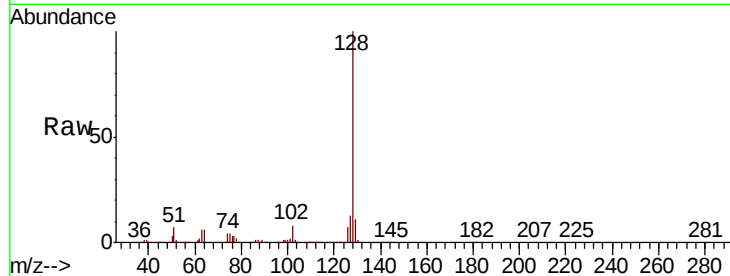




#95
Naphthalene
Concen: 56.252 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1125831
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.313 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034344.D
Acq: 06 Sep 2019 20:26

Tgt Ion:180 Resp: 363761
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.0
145 30.3 15.4 46.4

