

Data File : VU034313.D
Acq On : 06 Sep 2019 02:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 06 07:47:34 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	310279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	465507	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	472291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	311186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	241837	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	4.86	113	214654	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	7.55	98	843771	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	10.29	95	318922	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	147124	45.338	ug/l	98
3) Chloromethane	1.32	50	172025	49.066	ug/l	99
4) Vinyl Chloride	1.40	62	185826	45.954	ug/l	99
5) Bromomethane	1.61	94	107866	52.797	ug/l	99
6) Chloroethane	1.69	64	121493	51.727	ug/l	100
7) Trichlorofluoromethane	1.87	101	255219	47.071	ug/l	99
8) Diethyl Ether	2.09	74	115598	48.470	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	165323	46.037	ug/l	99
10) Methyl Iodide	2.40	142	130076	40.392	ug/l	98
11) Tert butyl alcohol	2.81	59	248932	250.990	ug/l	100
12) 1,1-Dichloroethene	2.27	96	159877	47.359	ug/l	98
13) Acrolein	2.18	56	155923	187.048	ug/l	99
14) Allyl chloride	2.58	41	258095	39.990	ug/l	91
15) Acrylonitrile	2.92	53	638940	258.699	ug/l	98
16) Acetone	2.31	43	501198	206.302	ug/l	99
17) Carbon Disulfide	2.46	76	331943	43.750	ug/l	99
18) Methyl Acetate	2.60	43	283187	47.905	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	627826	51.023	ug/l	99
20) Methylene Chloride	2.68	84	203750	51.213	ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	170504	47.928	ug/l	98
22) Diisopropyl ether	3.55	45	652241	51.822	ug/l	99
23) Vinyl Acetate	3.50	43	2655794	259.045	ug/l	99
24) 1,1-Dichloroethane	3.43	63	362874	48.278	ug/l	99
25) 2-Butanone	4.24	43	827709	255.231	ug/l	100
26) 2,2-Dichloropropane	4.20	77	219356	36.286	ug/l	97
27) cis-1,2-Dichloroethene	4.20	96	214983	49.757	ug/l	97
28) Bromochloromethane	4.52	49	179247	51.847	ug/l	99
29) Tetrahydrofuran	4.61	42	522796	264.925	ug/l	100
30) Chloroform	4.65	83	362144	47.400	ug/l	100
31) Cyclohexane	4.97	56	258248	46.964	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	298959	48.942	ug/l	99
36) 1,1-Dichloropropene	5.12	75	234871	46.523	ug/l	99
37) Ethyl Acetate	4.36	43	295496	49.506	ug/l	100
38) Carbon Tetrachloride	5.11	117	250869	46.540	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	253106	46.899	ug/l	100
40) Benzene	5.37	78	774187	47.525	ug/l	100
41) Methacrylonitrile	4.52	41	164867	51.854	ug/l	99
42) 1,2-Dichloroethane	5.38	62	265440	46.932	ug/l	100
43) Isopropyl Acetate	5.53	43	463506	49.778	ug/l	99
44) Trichloroethene	6.16	130	218123	48.388	ug/l	99
45) 1,2-Dichloropropane	6.41	63	229553	48.202	ug/l	97
46) Dibromomethane	6.54	93	144984	48.501	ug/l	99
47) Bromodichloromethane	6.74	83	292382	47.517	ug/l	99
48) Methyl methacrylate	6.60	41	216507	48.955	ug/l	98
49) 1,4-Dioxane	6.59	88	95085	984.593	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1618201	251.064	ug/l	100
52) Toluene	7.62	92	498714	48.803	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	299520	46.957	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	331812	47.397	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	222517	47.955	ug/l	99
56) Ethyl methacrylate	8.00	69	329355	46.921	ug/l	100
57) 1,3-Dichloropropane	8.22	76	362818	48.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	581862	244.361	ug/l	100
59) 2-Hexanone	8.34	43	1222962	253.988	ug/l	100
60) Dibromochloromethane	8.46	129	242100	48.644	ug/l	98
61) 1,2-Dibromoethane	8.57	107	223046	49.111	ug/l	100
64) Tetrachloroethene	8.21	164	196694	48.005	ug/l	96
65) Chlorobenzene	9.10	112	571695	47.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	212482	46.466	ug/l	99
67) Ethyl Benzene	9.23	91	960521	49.027	ug/l	99
68) m/p-Xylenes	9.36	106	748400	101.444	ug/l	99
69) o-Xylene	9.76	106	366711	50.827	ug/l	99
70) Styrene	9.77	104	653202	51.638	ug/l	100
71) Bromoform	9.94	173	190785	48.140	ug/l #	98
73) Isopropylbenzene	10.15	105	994542	49.110	ug/l	100
74) N-amyl acetate	9.99	43	421311	51.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	378950	46.229	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	403892	59.460	ug/l	84
77) Bromobenzene	10.43	156	268028	47.334	ug/l	99
78) n-propylbenzene	10.57	91	1143711	48.901	ug/l	99
79) 2-Chlorotoluene	10.64	91	693312	48.583	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	857851	50.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	403892	199.961	ug/l #	100
82) 4-Chlorotoluene	10.75	91	798465	48.620	ug/l	100
83) tert-Butylbenzene	11.08	119	833901	49.217	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	870512	51.060	ug/l	100
85) sec-Butylbenzene	11.31	105	1005610	50.273	ug/l	100
86) p-Isopropyltoluene	11.46	119	928894	50.313	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	488765	47.302	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	496572	46.075	ug/l	100
89) n-Butylbenzene	11.87	91	803009	50.050	ug/l	100
90) Hexachloroethane	12.12	117	135856	45.994	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	484830	47.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	77672	51.565	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Quantitation Report (Not Reviewed)

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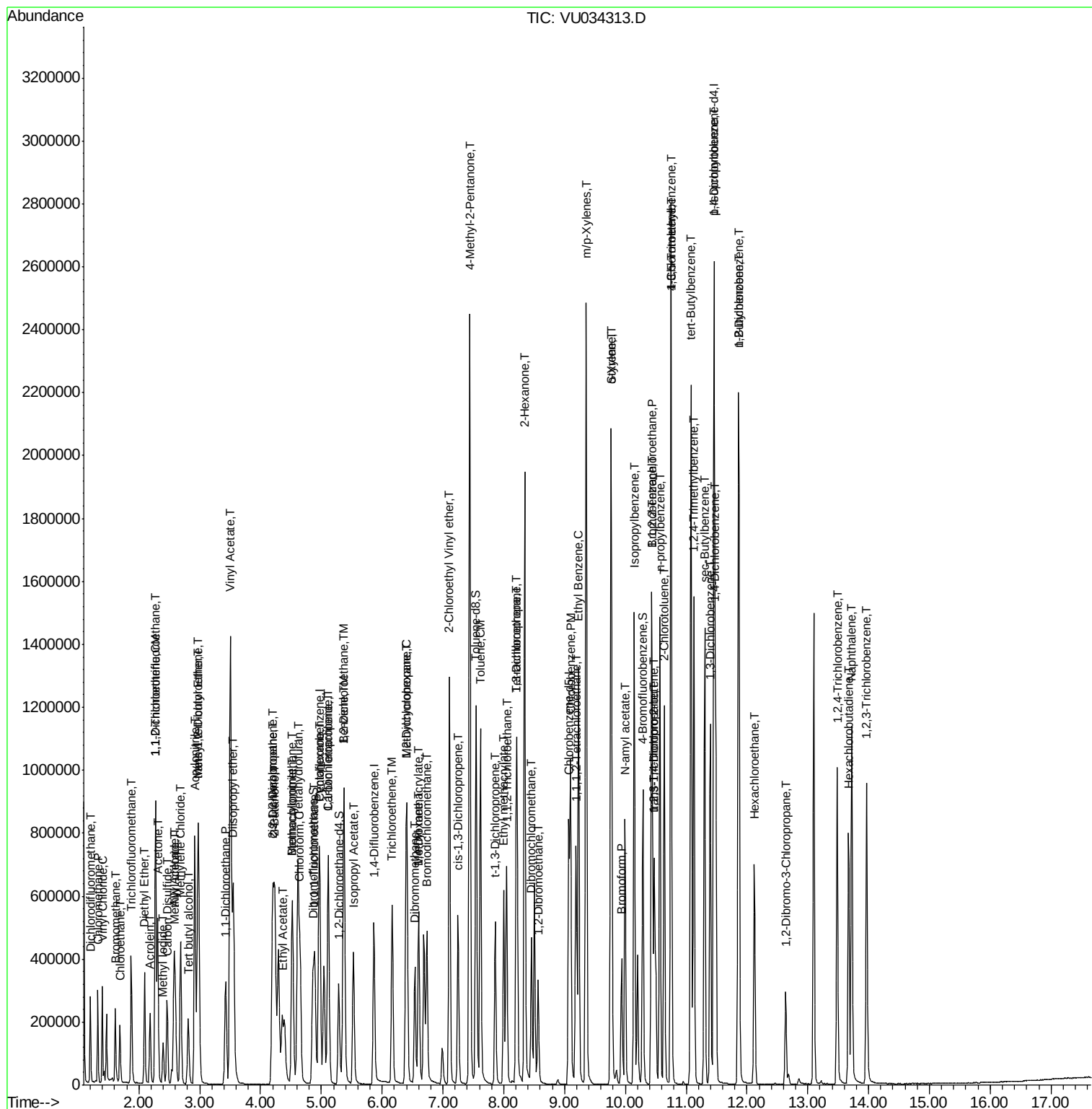
Quant Time: Sep 06 07:47:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
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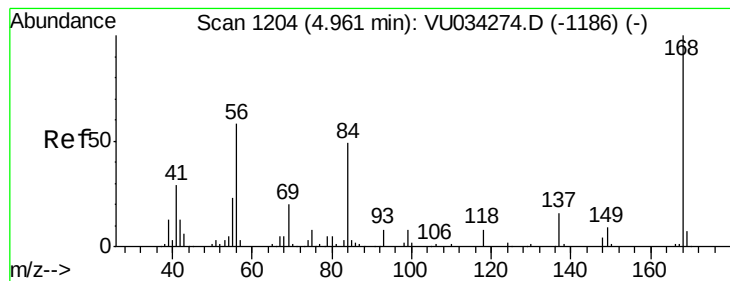
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	340903	46.544	ug/l	99
94) Hexachlorobutadiene	13.67	225	159365	44.864	ug/l	100
95) Naphthalene	13.72	128	952679	46.257	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	333640	47.065	ug/l	100

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

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

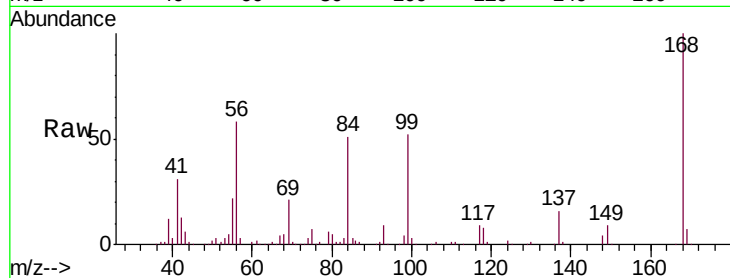
VSTDCCC050EC

Tgt Ion:168 Resp: 310279

Ion Ratio Lower Upper

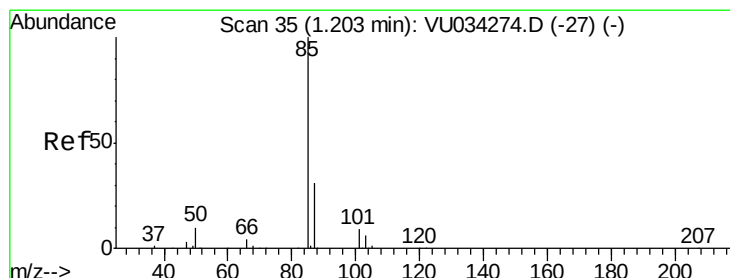
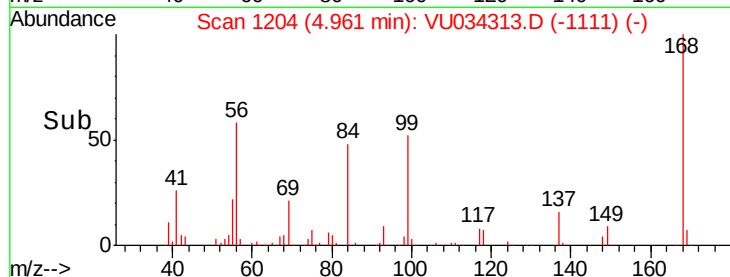
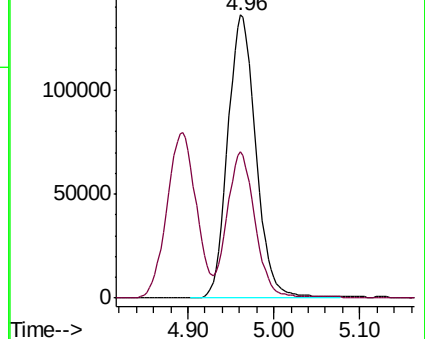
168 100

99 51.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)



#2

Dichlorodifluoromethane

Concen: 45.338 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034313.D

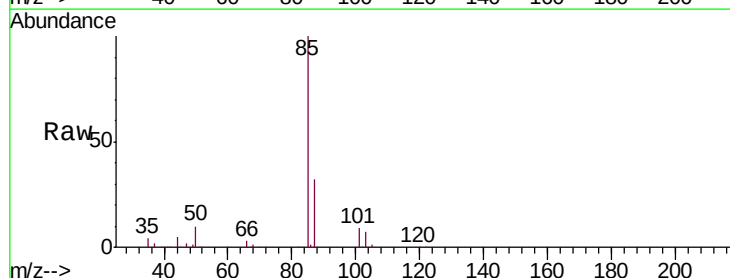
Acq: 06 Sep 2019 02:47

Tgt Ion: 85 Resp: 147124

Ion Ratio Lower Upper

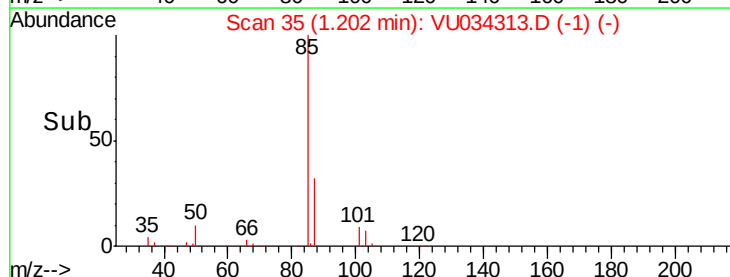
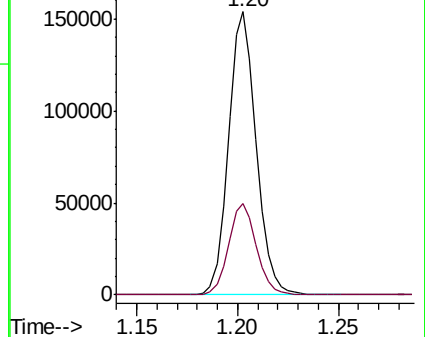
85 100

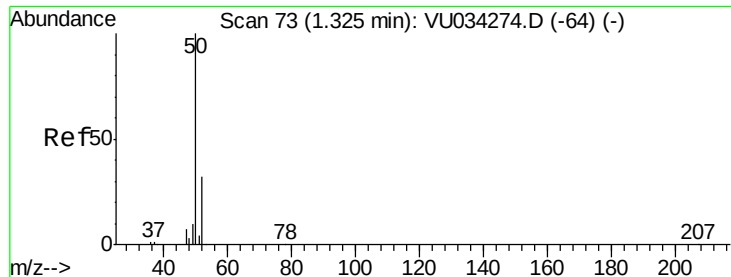
87 32.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034274.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034274.D (-27) (-)





#3

Chloromethane

Concen: 49.066 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

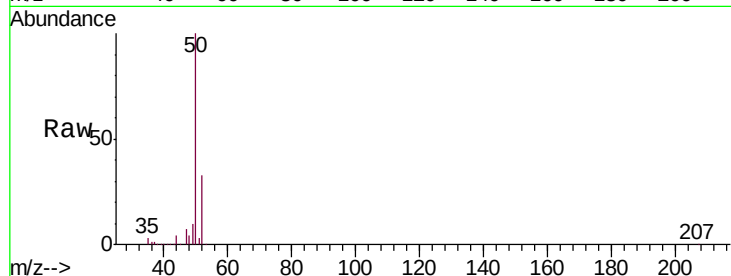
VSTDCCC050EC

Tgt Ion: 50 Resp: 172025

Ion Ratio Lower Upper

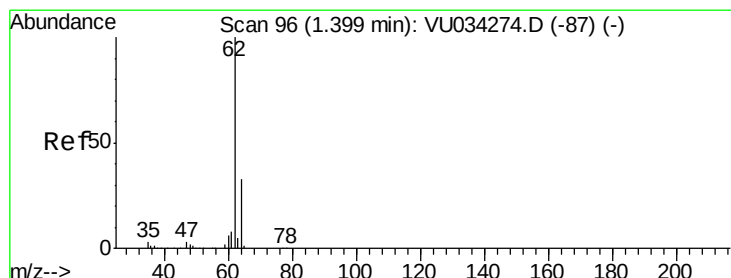
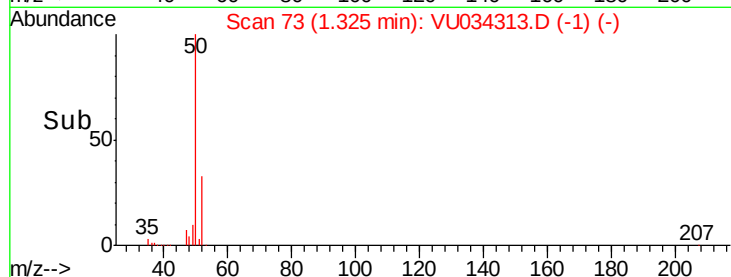
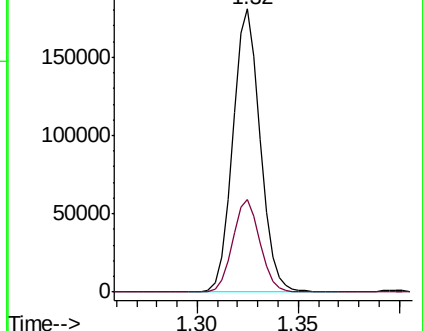
50 100

52 32.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034274.D (-64) (-)

Ion 51.90 (51.60 to 52.60): VU034313.D (-1) (-)



#4

Vinyl Chloride

Concen: 45.954 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034313.D

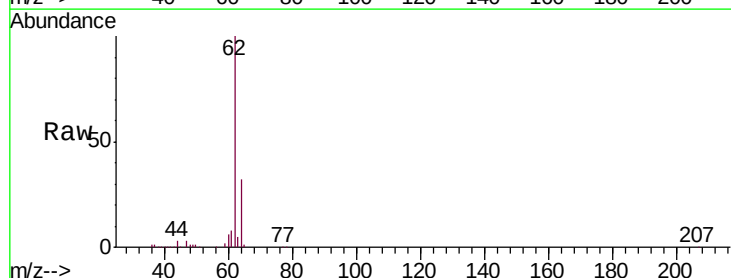
Acq: 06 Sep 2019 02:47

Tgt Ion: 62 Resp: 185826

Ion Ratio Lower Upper

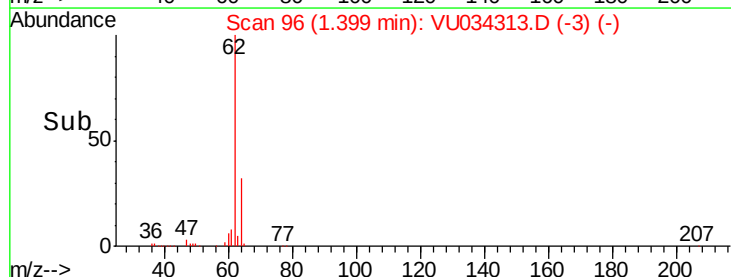
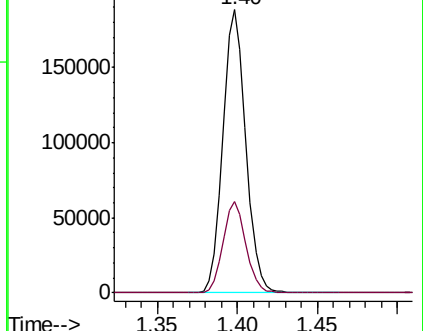
62 100

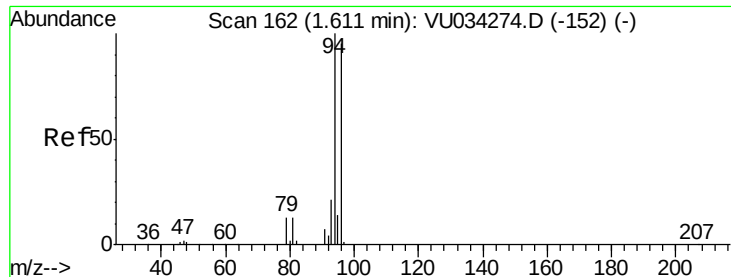
64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034274.D (-87) (-)

Ion 63.90 (63.60 to 64.60): VU034313.D (-3) (-)





#5

Bromomethane

Concen: 52.797 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

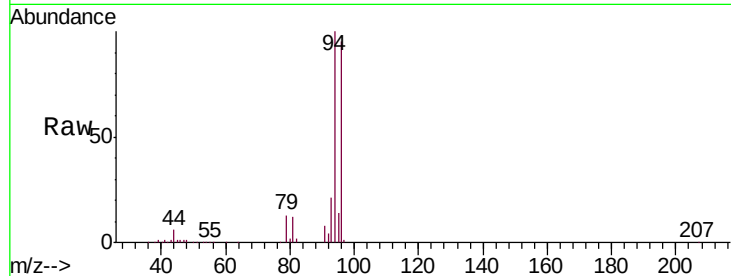
VSTDCCC050EC

Tgt Ion: 94 Resp: 107866

Ion Ratio Lower Upper

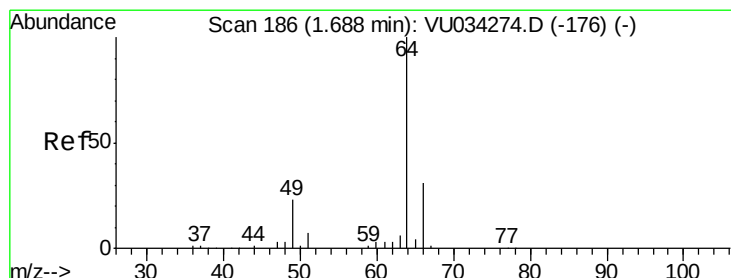
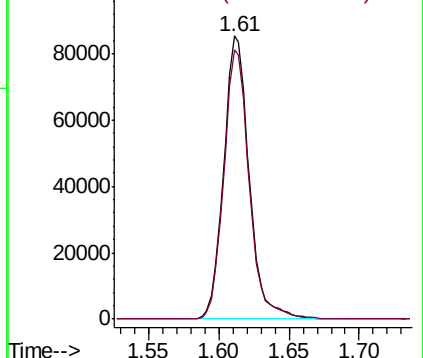
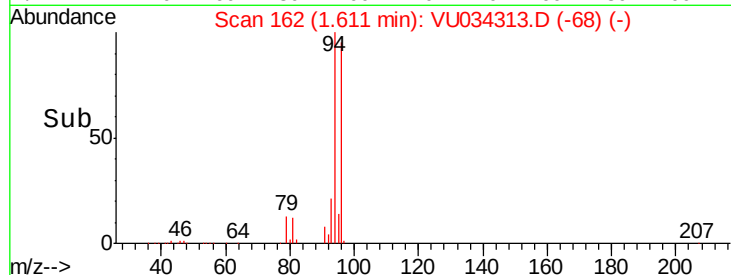
94 100

96 95.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034313.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034313.D (-68) (-)



#6

Chloroethane

Concen: 51.727 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034313.D

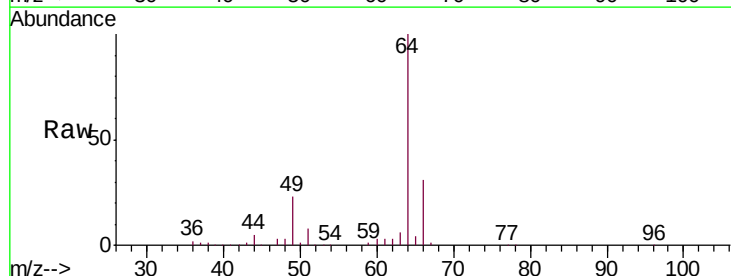
Acq: 06 Sep 2019 02:47

Tgt Ion: 64 Resp: 121493

Ion Ratio Lower Upper

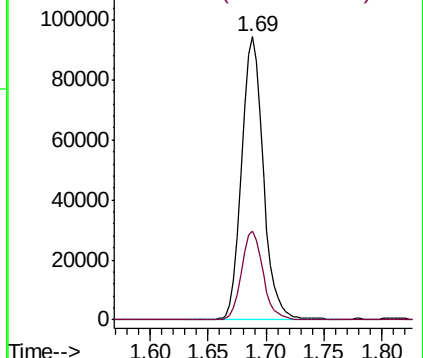
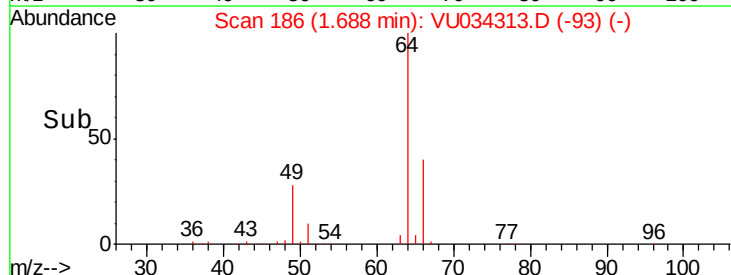
64 100

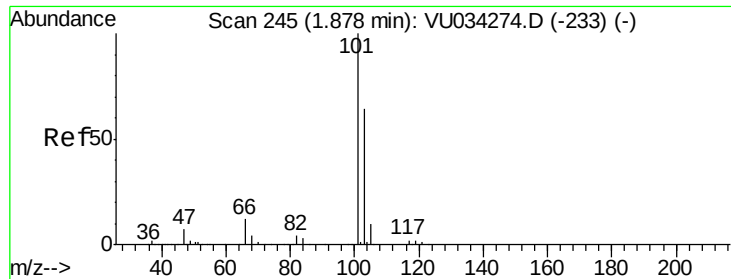
66 31.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034313.D (-93) (-)

Ion 65.90 (65.60 to 66.60): VU034313.D (-93) (-)



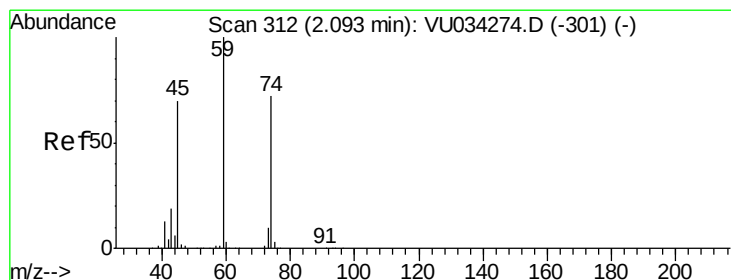
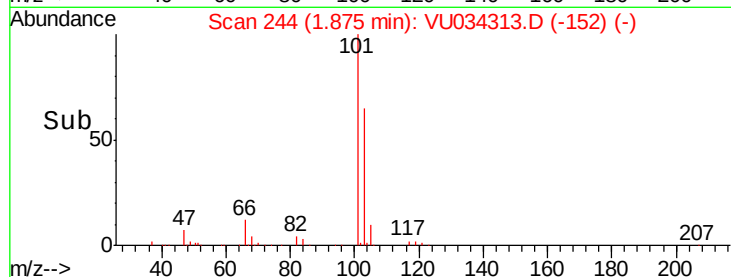
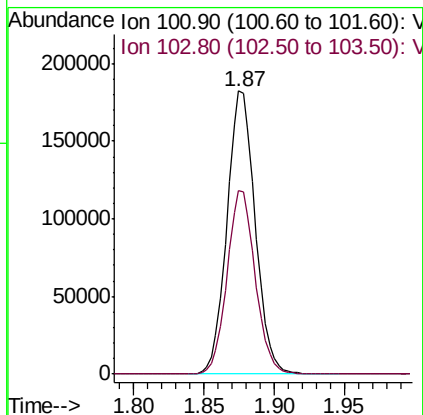
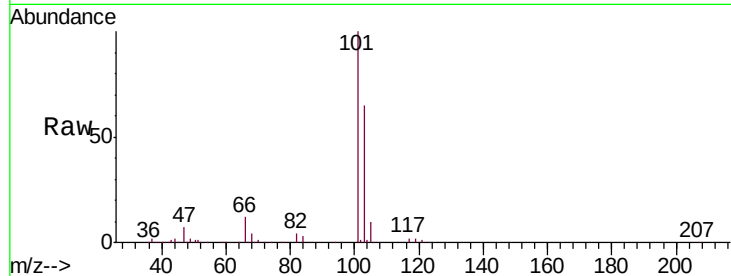


#7

Trichlorofluoromethane
 Concen: 47.071 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Instrument :
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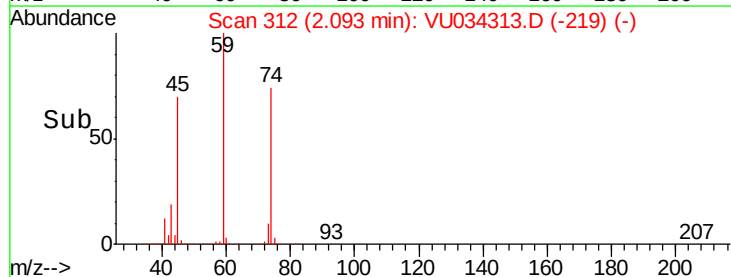
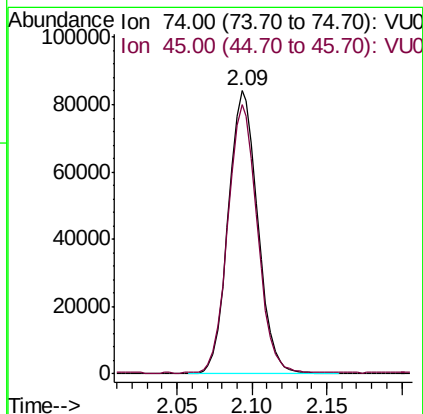
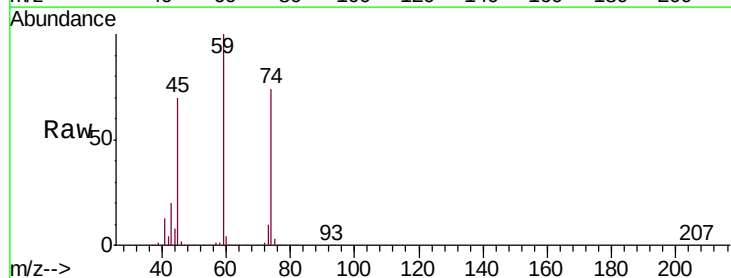
Tgt Ion:101 Resp: 255219
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6

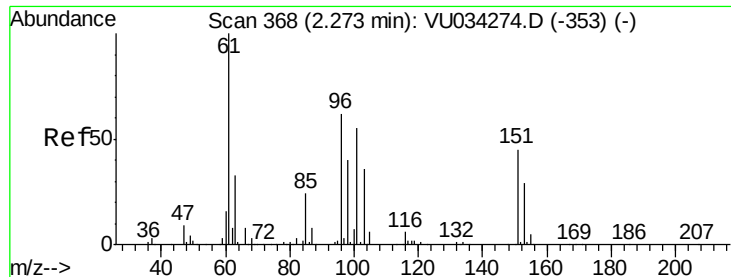


#8

Diethyl Ether
 Concen: 48.470 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 74 Resp: 115598
 Ion Ratio Lower Upper
 74 100
 45 94.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.037 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

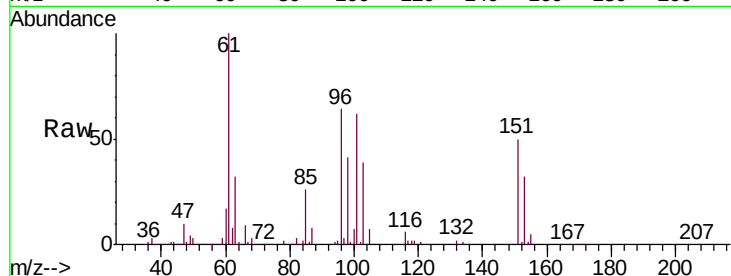
Tgt Ion:101 Resp: 165323

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

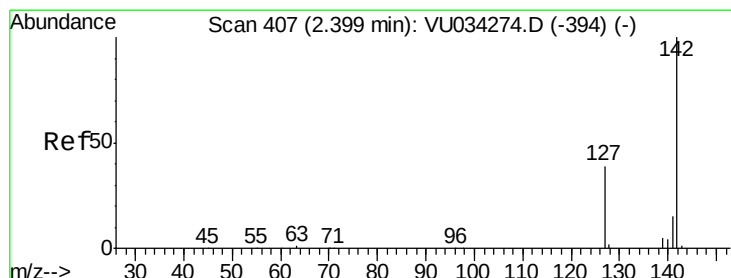
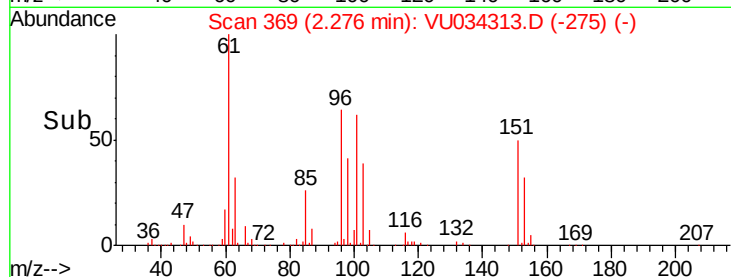
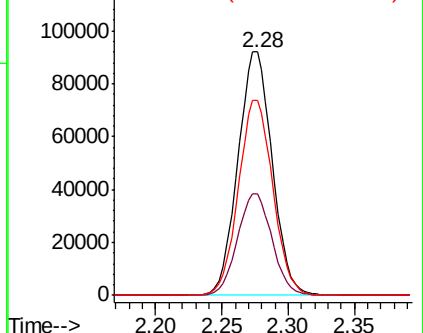
151 80.4 64.4 96.6



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: 40.392 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

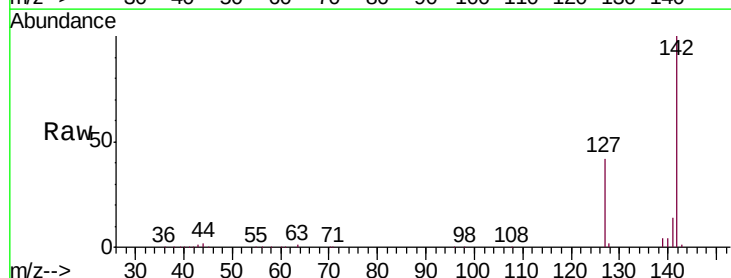
Tgt Ion:142 Resp: 130076

Ion Ratio Lower Upper

142 100

127 41.4 32.1 48.1

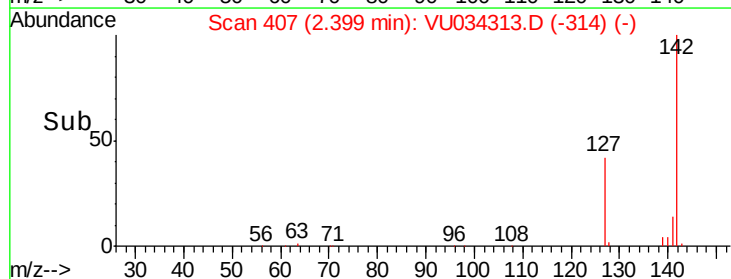
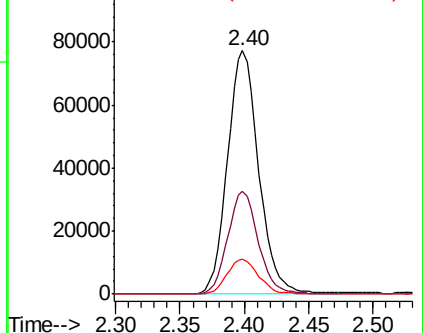
141 14.6 11.5 17.3

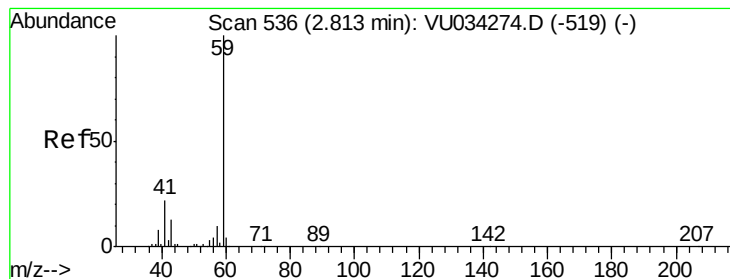


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



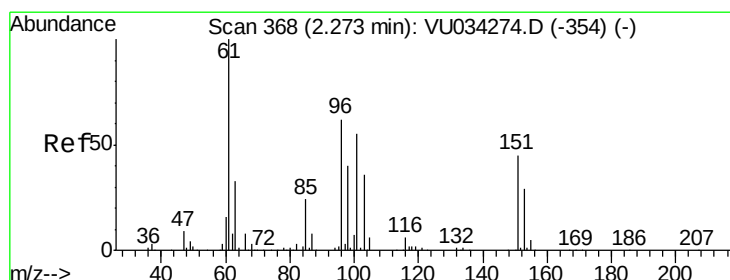
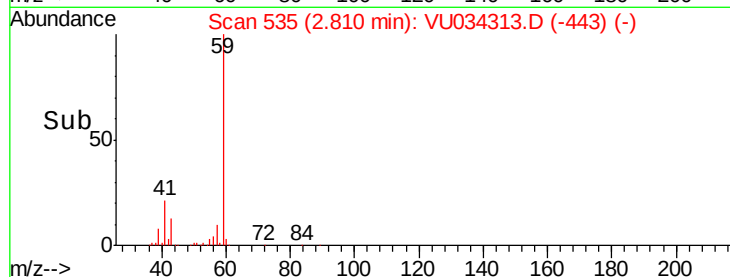
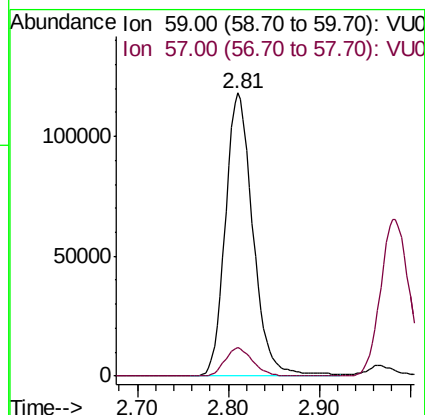
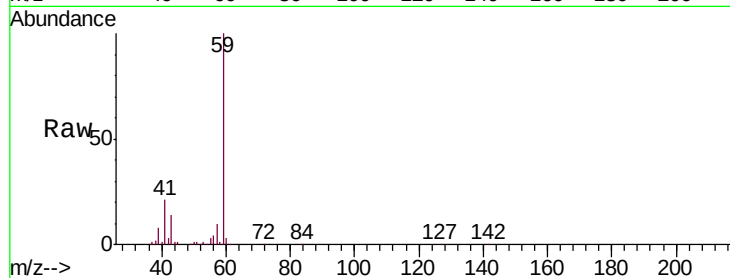


#11

Tert butyl alcohol
 Concen: 250.990 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

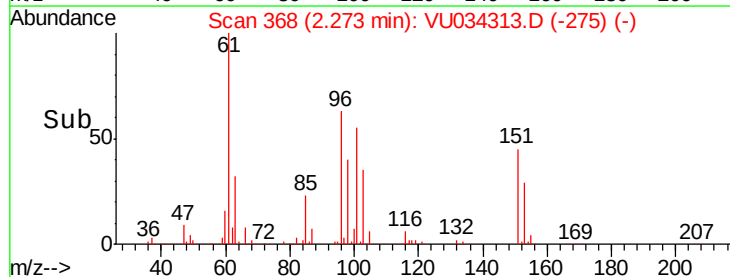
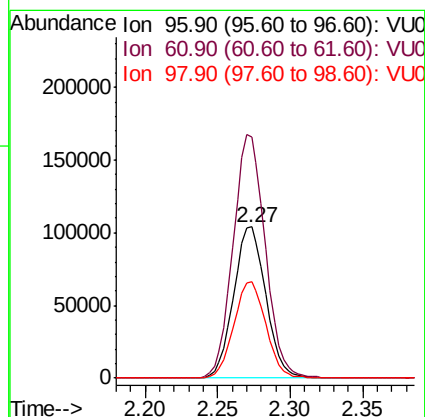
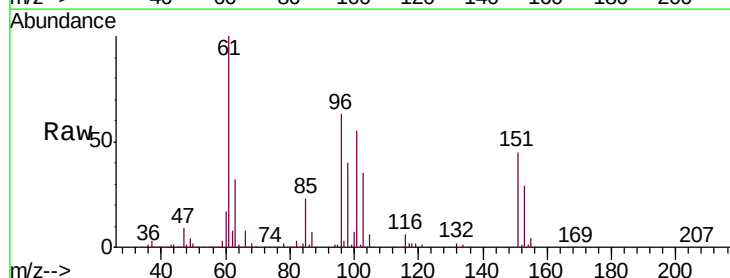
Tgt Ion: 59 Resp: 248932
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.9 11.9

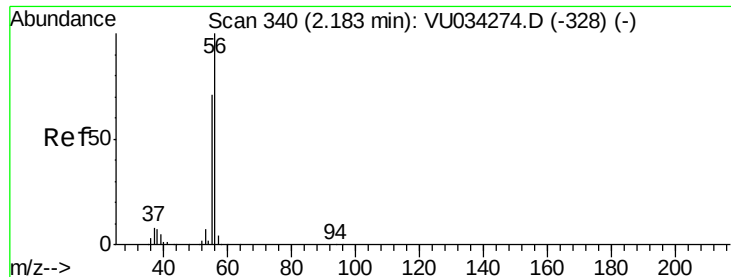


#12

1,1-Dichloroethene
 Concen: 47.359 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 96 Resp: 159877
 Ion Ratio Lower Upper
 96 100
 61 159.6 130.0 195.0
 98 63.3 52.2 78.4





#13

Acrolein

Concen: 187.048 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

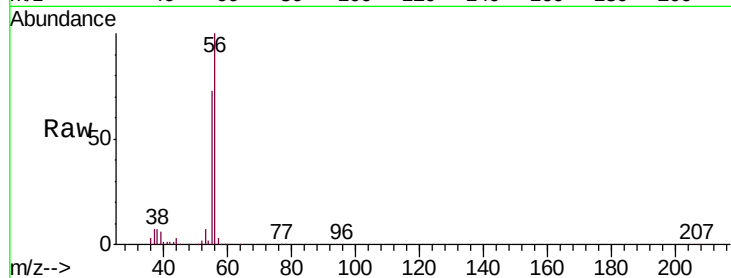
VSTDCCC050EC

Tgt Ion: 56 Resp: 155923

Ion Ratio Lower Upper

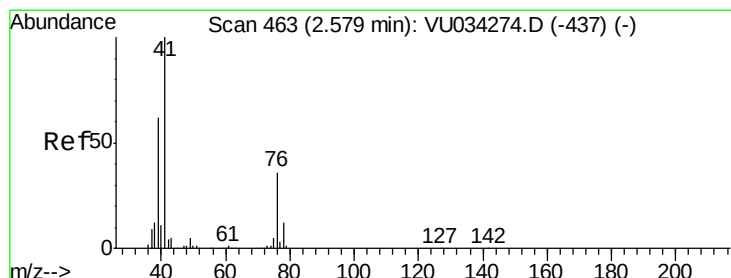
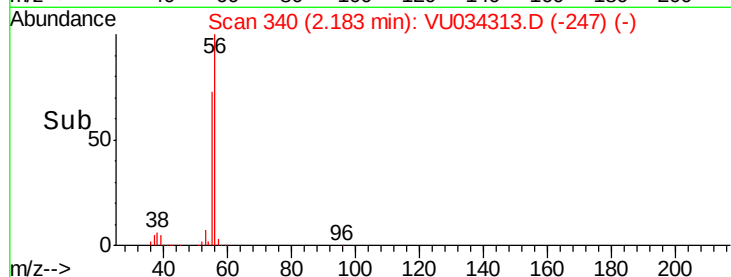
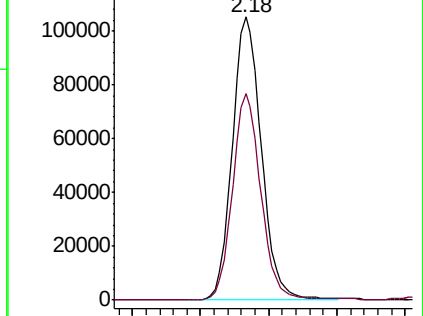
56 100

55 70.6 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034274.D (-328) (-)



#14

Allyl chloride

Concen: 39.990 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

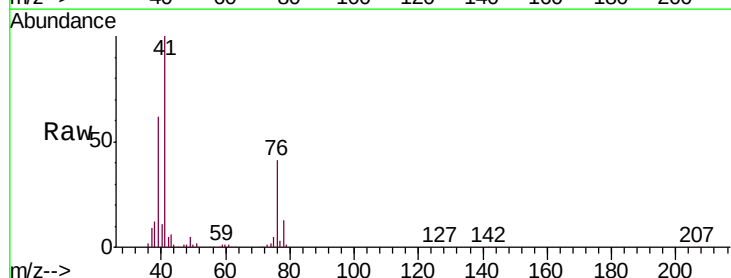
Tgt Ion: 41 Resp: 258095

Ion Ratio Lower Upper

41 100

39 61.6 43.5 65.3

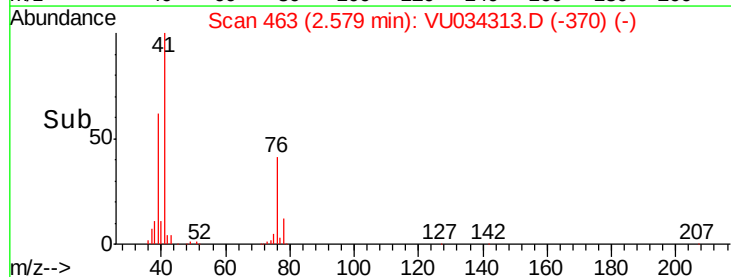
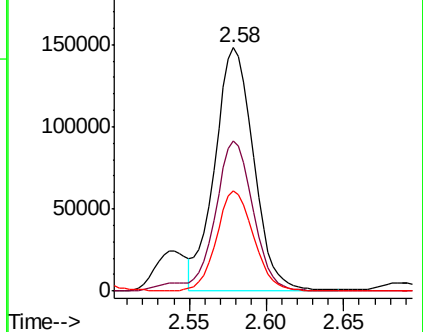
76 38.7 27.0 40.6

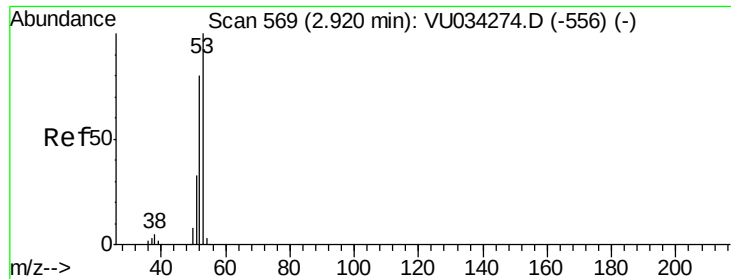


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-437) (-)

Ion 75.90 (75.60 to 76.60): VU034274.D (-437) (-)





#15

Acrylonitrile

Concen: 258.699 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

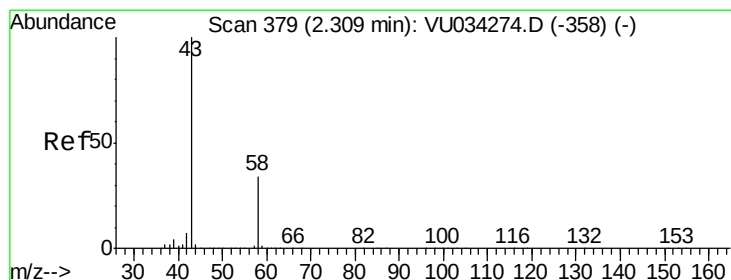
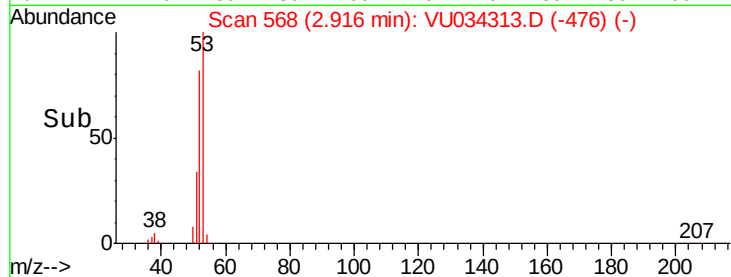
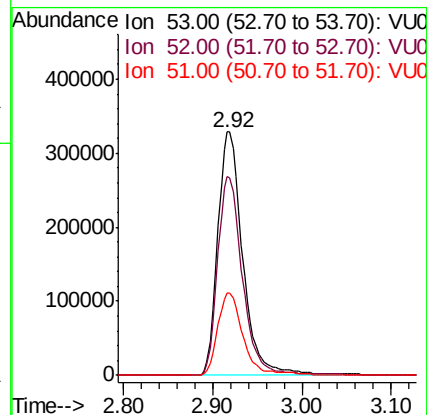
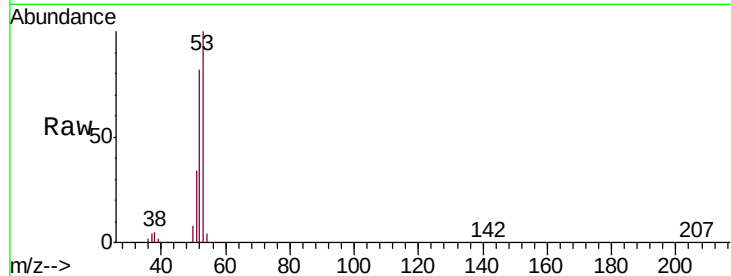
Tgt Ion: 53 Resp: 638940

Ion Ratio Lower Upper

53 100

52 81.8 64.1 96.1

51 34.6 27.4 41.0



#16

Acetone

Concen: 206.302 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034313.D

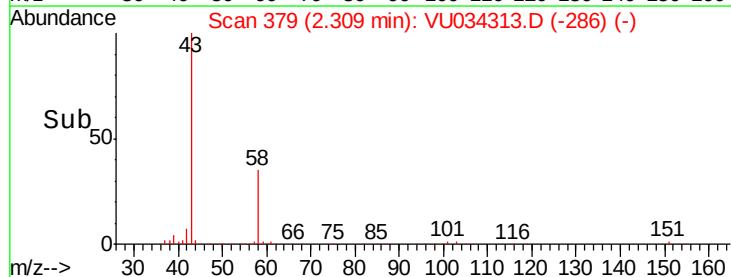
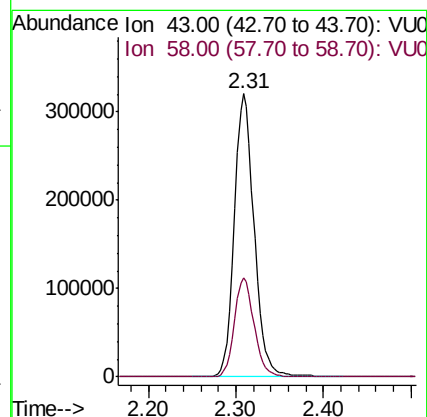
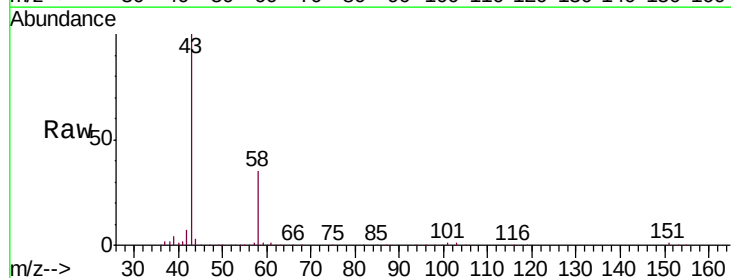
Acq: 06 Sep 2019 02:47

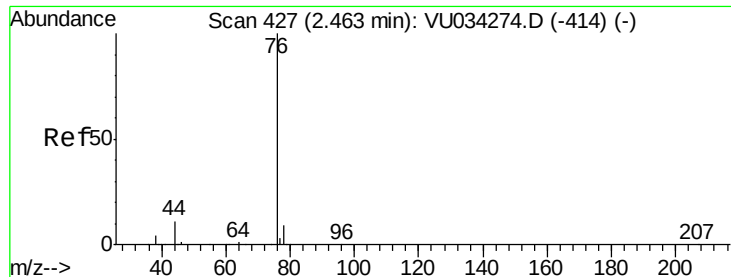
Tgt Ion: 43 Resp: 501198

Ion Ratio Lower Upper

43 100

58 35.2 27.6 41.4





#17

Carbon Disulfide

Concen: 43.750 ug/l

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

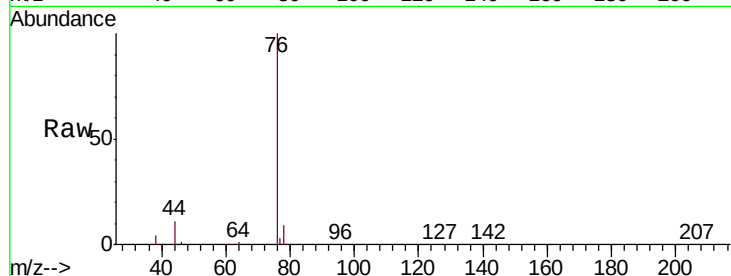
VSTDCCC050EC

Tgt Ion: 76 Resp: 331943

Ion Ratio Lower Upper

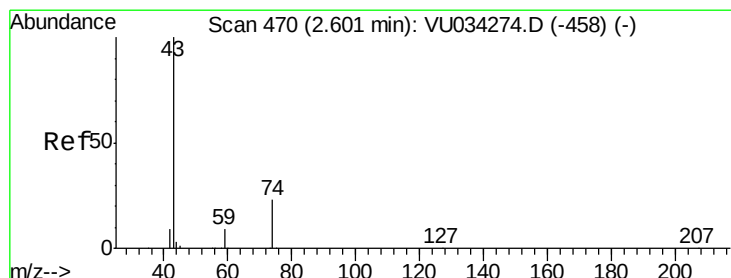
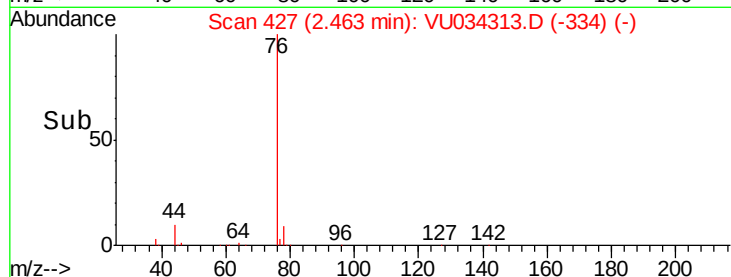
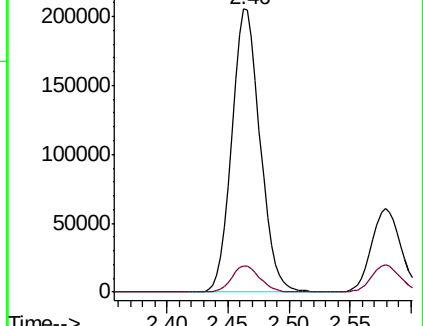
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU034274.D (-414) (-)

Ion 77.90 (77.60 to 78.60): VU034274.D (-414) (-)



#18

Methyl Acetate

Concen: 47.905 ug/l

RT: 2.60 min Scan# 470

Delta R.T. -0.00 min

Lab File: VU034313.D

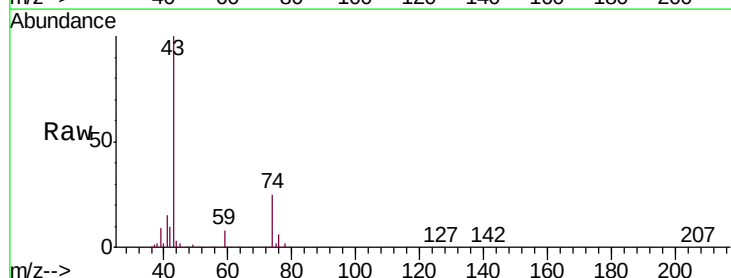
Acq: 06 Sep 2019 02:47

Tgt Ion: 43 Resp: 283187

Ion Ratio Lower Upper

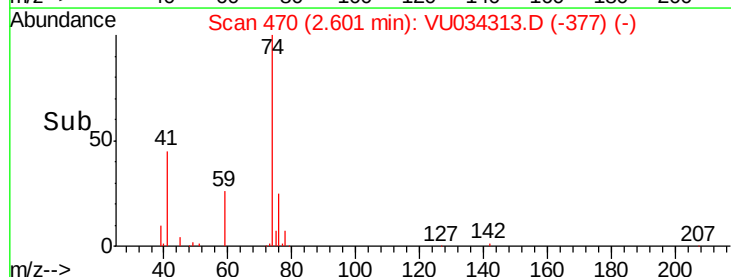
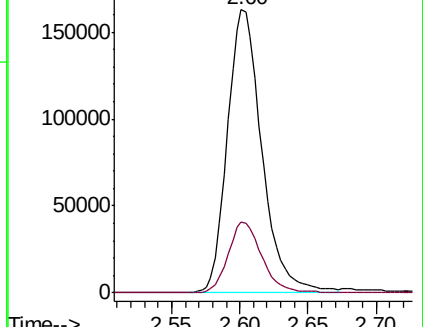
43 100

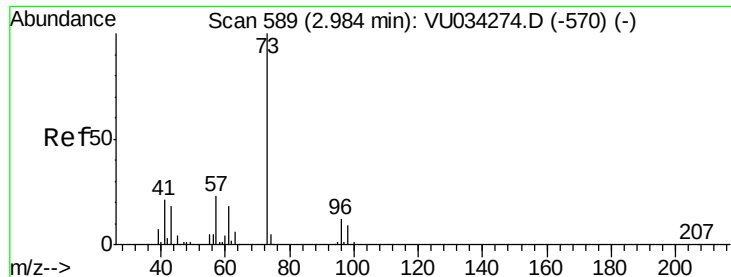
74 25.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-458) (-)

Ion 74.00 (73.70 to 74.70): VU034274.D (-458) (-)

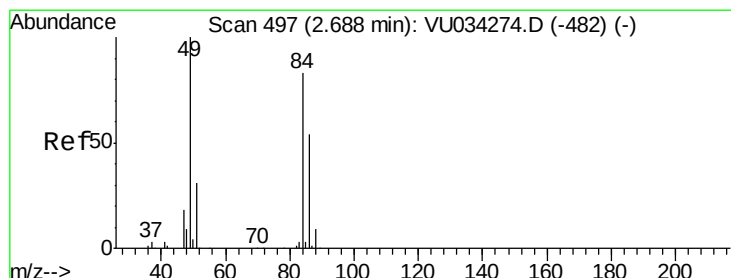
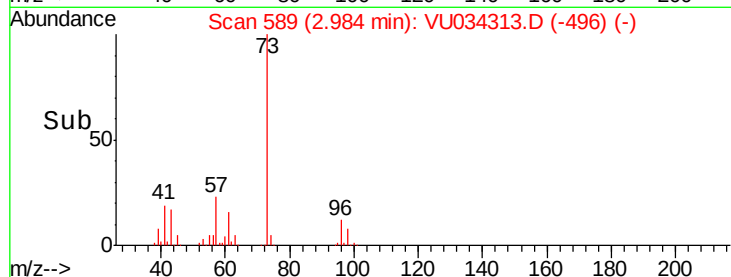
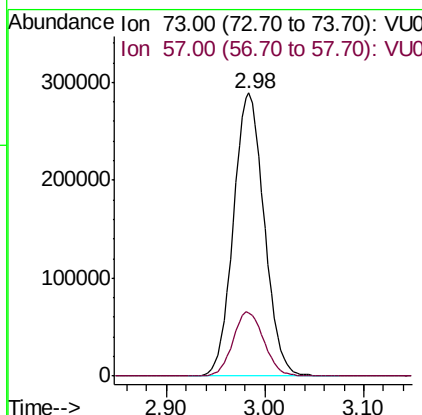
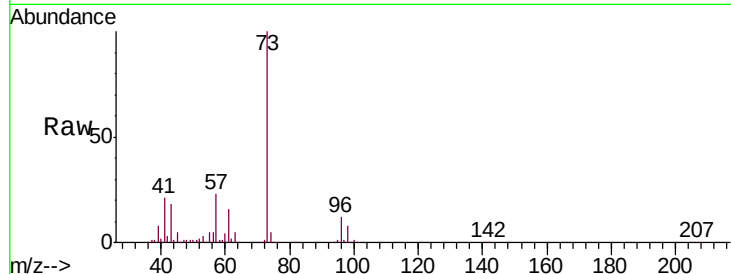




#19
Methyl tert-butyl Ether
Concen: 51.023 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

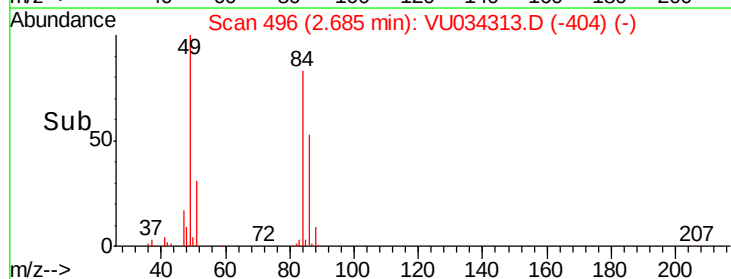
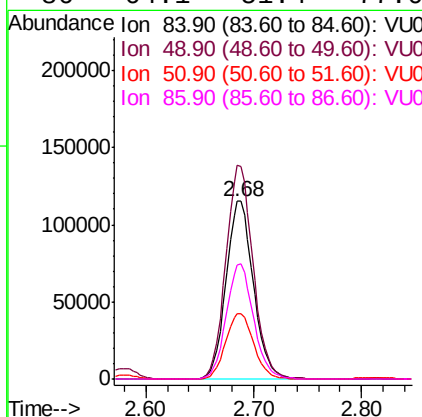
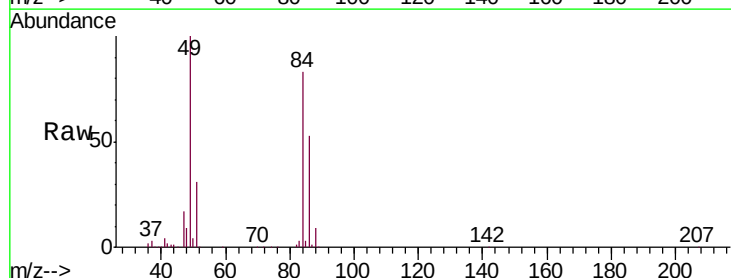
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

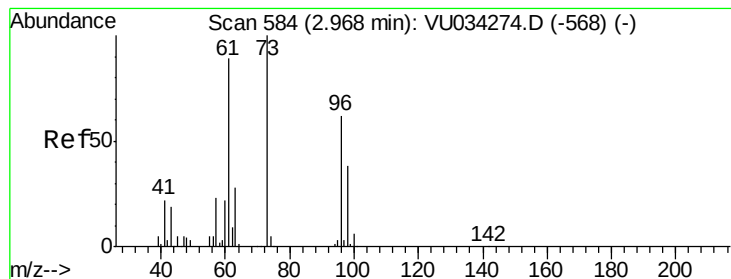
Tgt Ion: 73 Resp: 627826
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 51.213 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 84 Resp: 203750
Ion Ratio Lower Upper
84 100
49 120.1 96.0 144.0
51 37.0 30.0 45.0
86 64.1 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.928 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

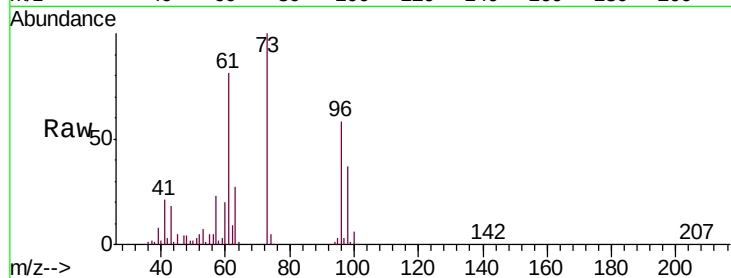
Tgt Ion: 96 Resp: 170504

Ion Ratio Lower Upper

96 100

61 141.3 114.8 172.2

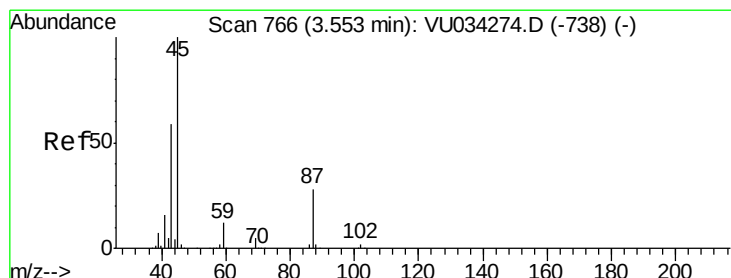
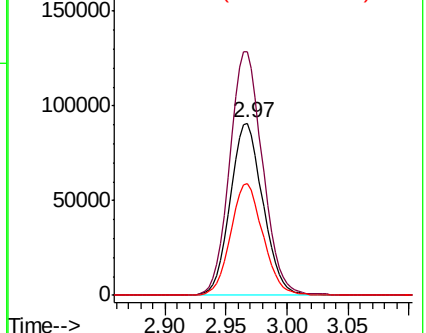
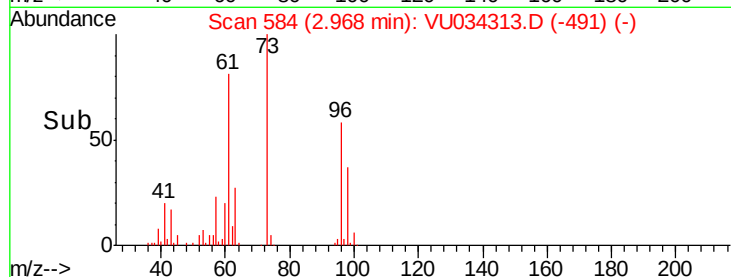
98 65.0 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034313.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034313.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034313.D (-491) (-)



#22

Diisopropyl ether

Concen: 51.822 ug/l

RT: 3.55 min Scan# 766

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Tgt Ion: 45 Resp: 652241

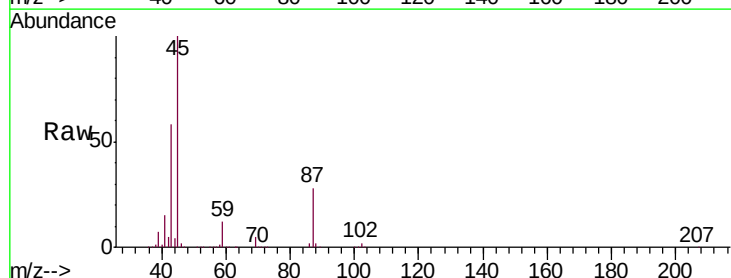
Ion Ratio Lower Upper

45 100

43 58.1 47.5 71.3

87 27.9 22.2 33.4

59 12.1 9.4 14.2

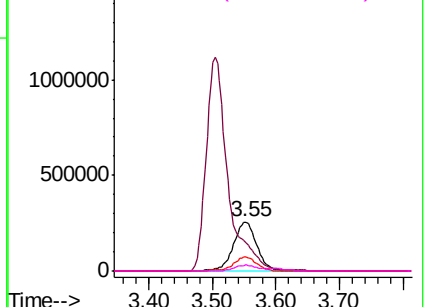
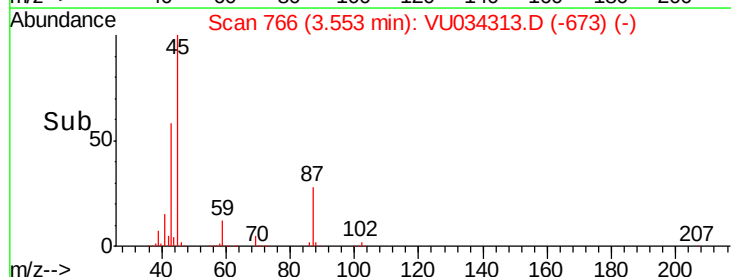


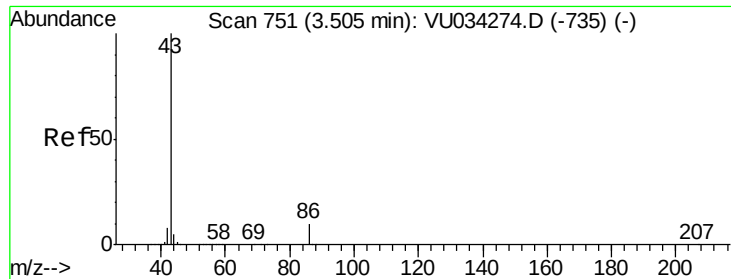
Abundance Ion 45.00 (44.70 to 45.70): VU034313.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034313.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034313.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034313.D (-673) (-)





#23

Vinyl Acetate

Concen: 259.045 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

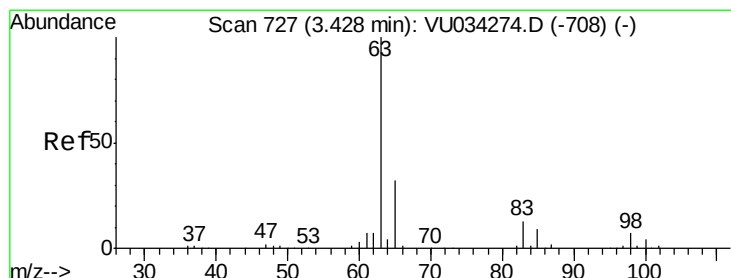
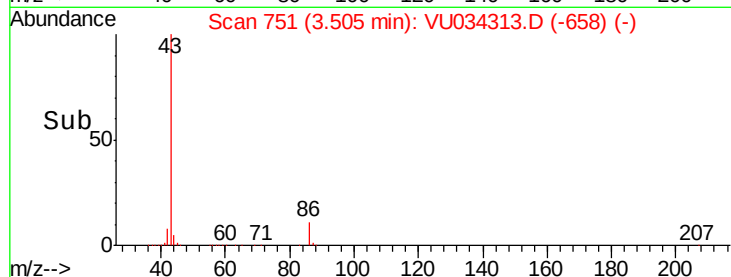
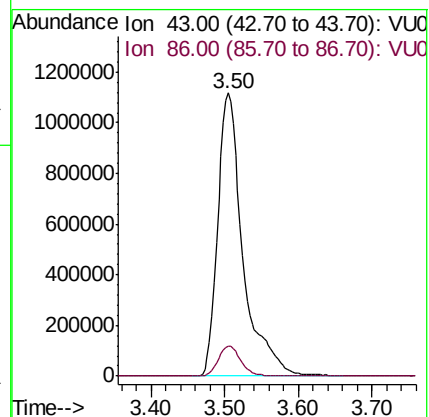
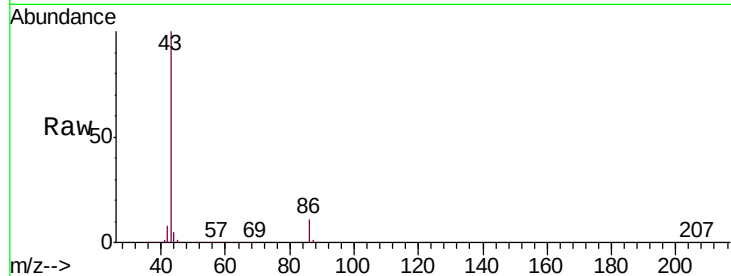
VSTDCCC050EC

Tgt Ion: 43 Resp: 2655794

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



#24

1,1-Dichloroethane

Concen: 48.278 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

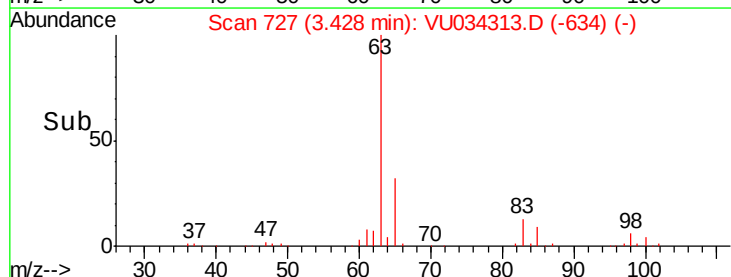
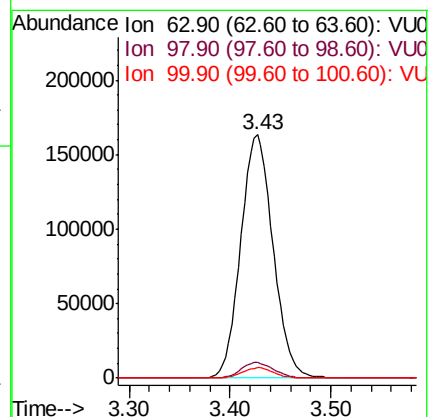
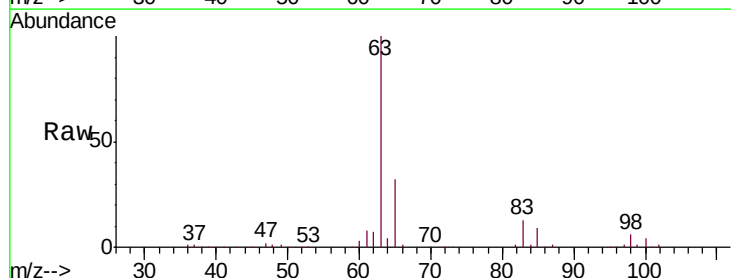
Tgt Ion: 63 Resp: 362874

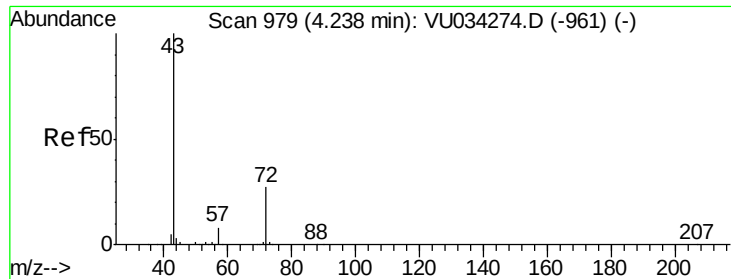
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 255.231 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

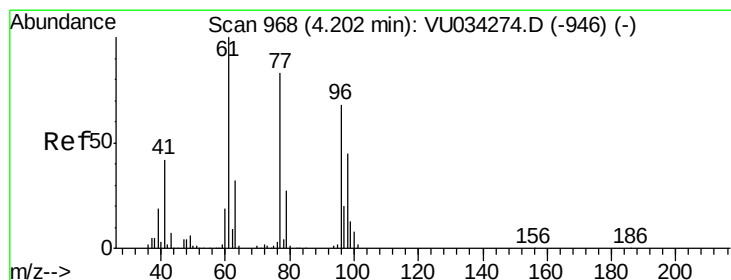
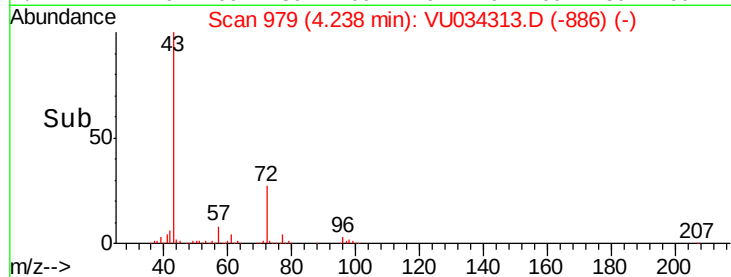
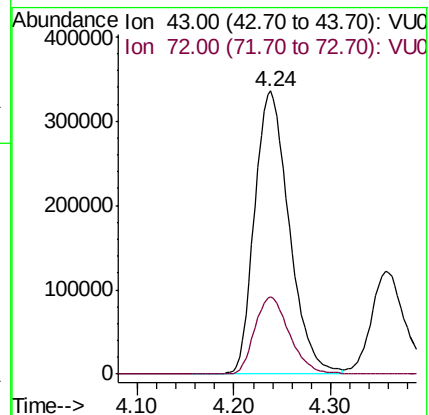
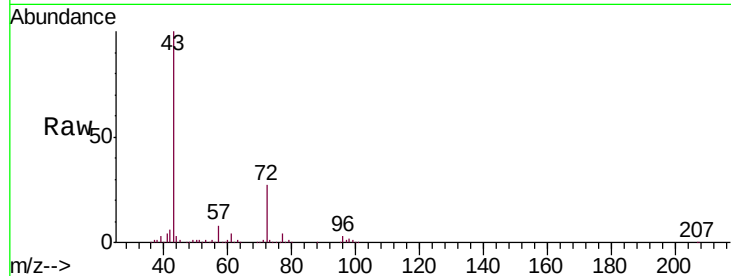
VSTDCCC050EC

Tgt Ion: 43 Resp: 827709

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.6



#26

2,2-Dichloropropane

Concen: 36.286 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034313.D

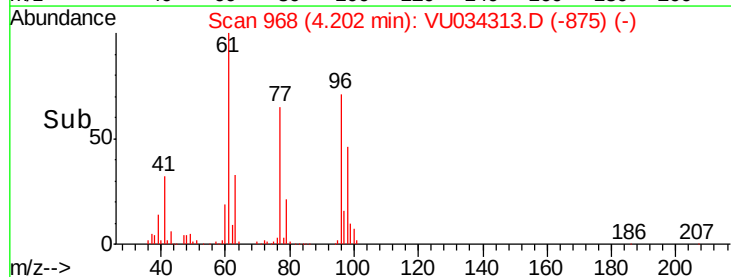
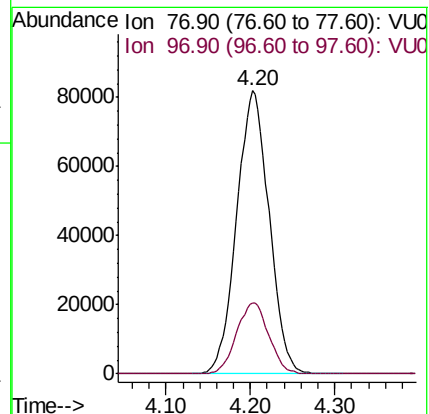
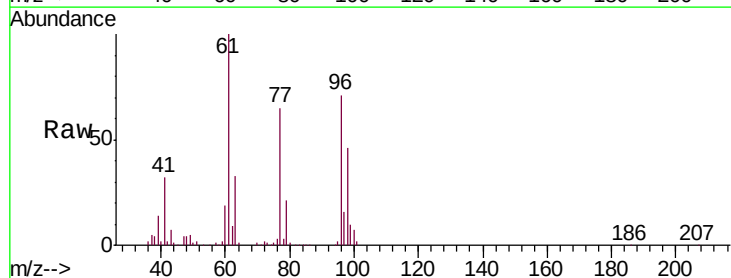
Acq: 06 Sep 2019 02:47

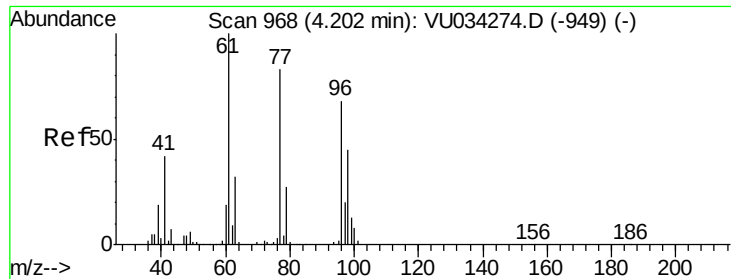
Tgt Ion: 77 Resp: 219356

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.3



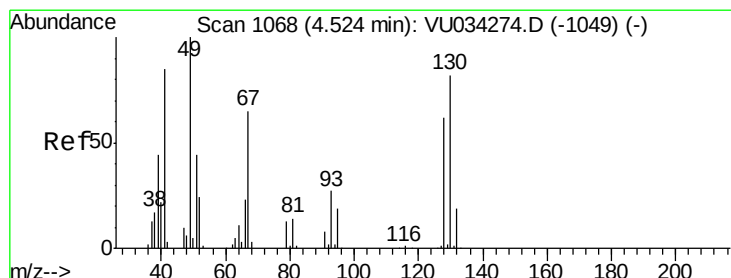
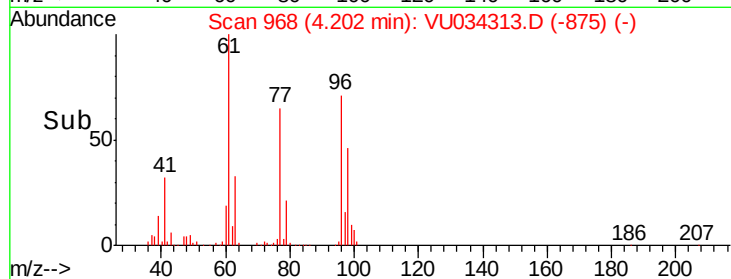
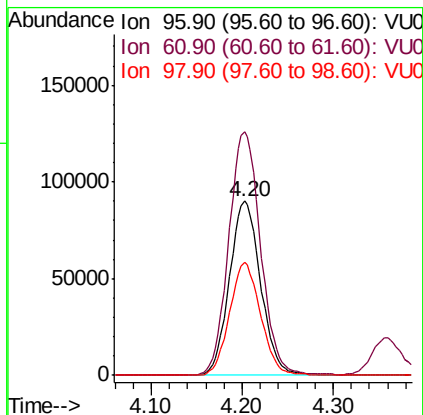
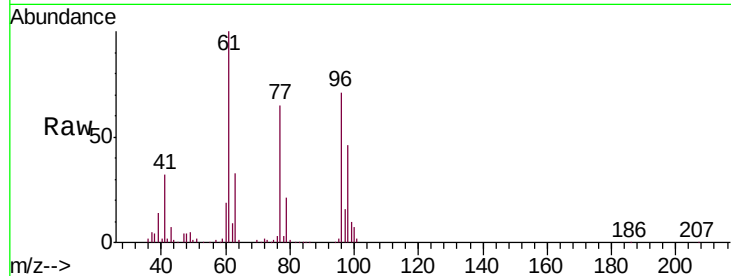


#27

cis-1,2-Dichloroethene
 Concen: 49.757 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

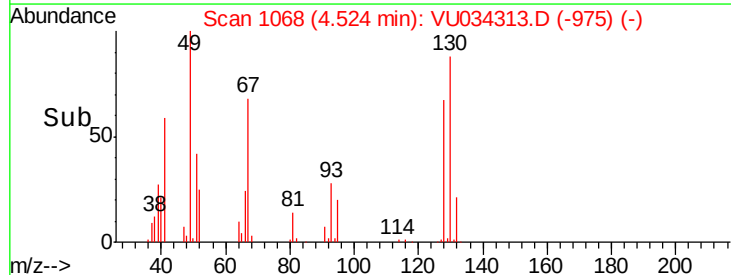
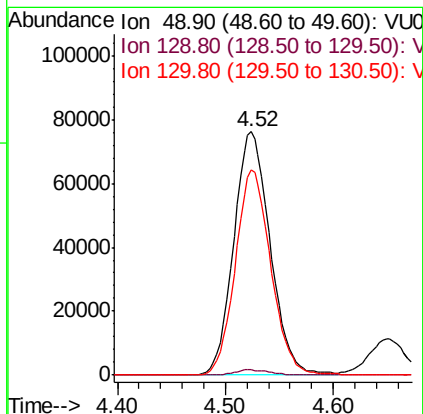
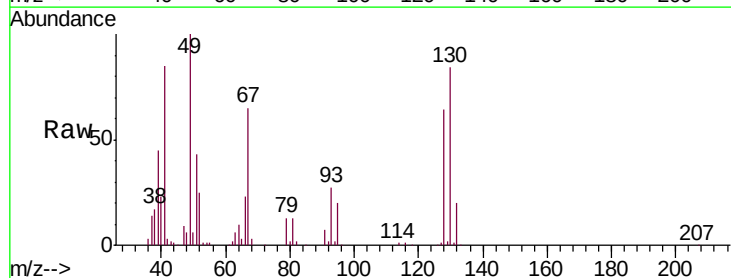
Tgt Ion: 96 Resp: 214983
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 297.4
 98 64.4 0.0 130.0

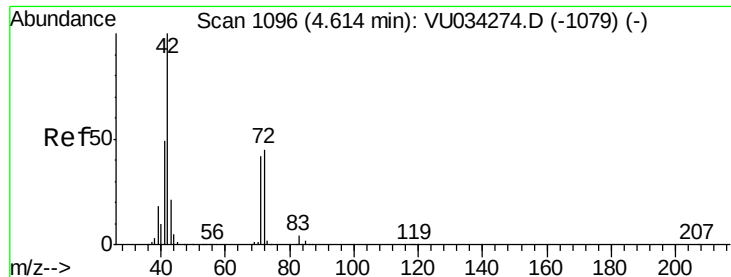


#28

Bromochloromethane
 Concen: 51.847 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 49 Resp: 179247
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 82.5 65.2 97.8





#29

Tetrahydrofuran

Concen: 264.925 ug/l

RT: 4.61 min Scan# 1096

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

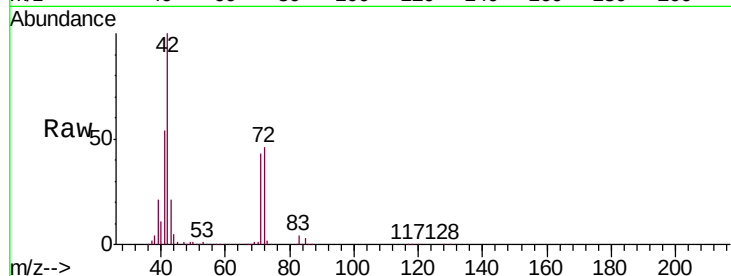
Tgt Ion: 42 Resp: 522796

Ion Ratio Lower Upper

42 100

72 46.1 36.6 54.8

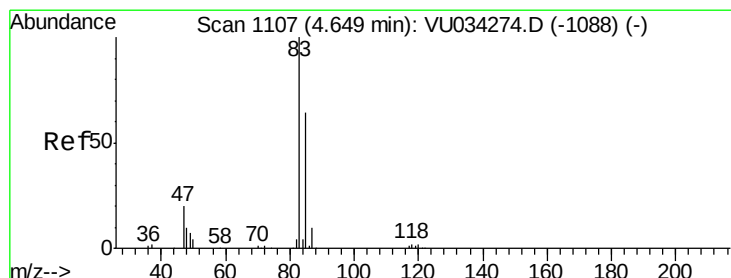
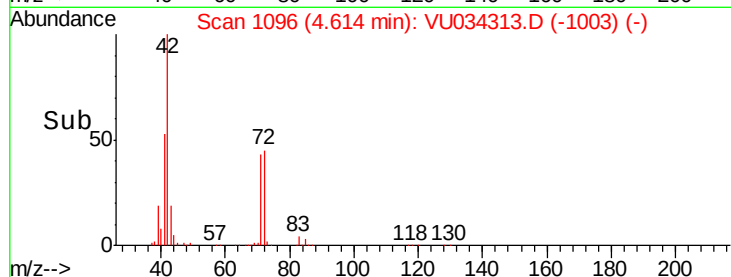
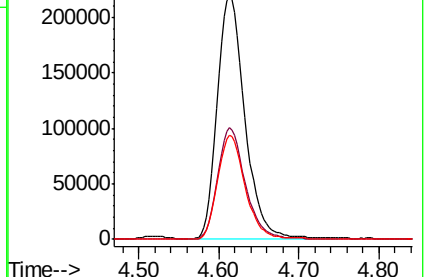
71 42.6 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034313.D (-1096) (-)

Ion 72.00 (71.70 to 72.70): VU034313.D (-1096) (-)

Ion 71.00 (70.70 to 71.70): VU034313.D (-1096) (-)



#30

Chloroform

Concen: 47.400 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034313.D

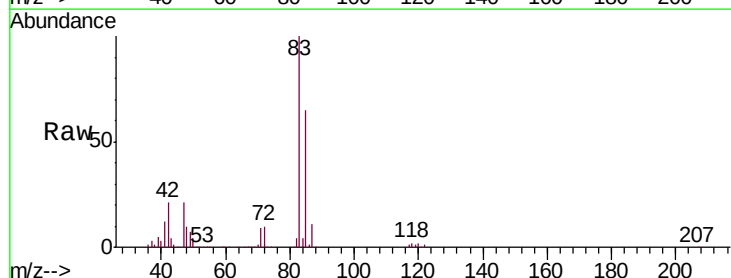
Acq: 06 Sep 2019 02:47

Tgt Ion: 83 Resp: 362144

Ion Ratio Lower Upper

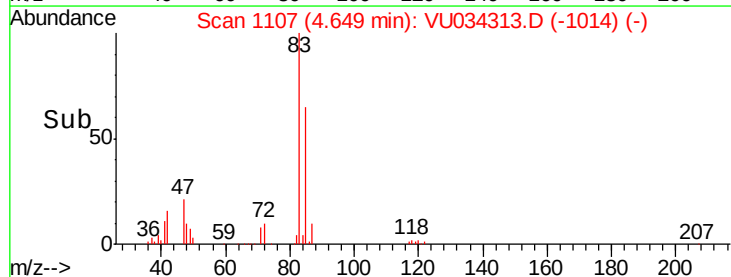
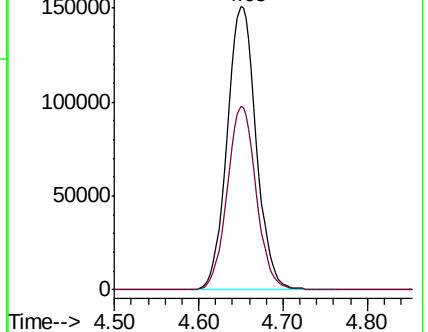
83 100

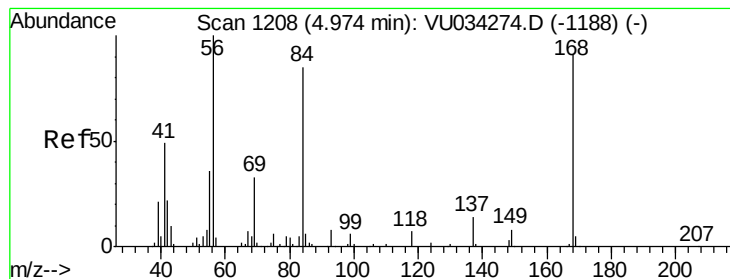
85 64.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034313.D (-1107) (-)

Ion 84.90 (84.60 to 85.60): VU034313.D (-1107) (-)





#31

Cyclohexane

Concen: 46.964 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

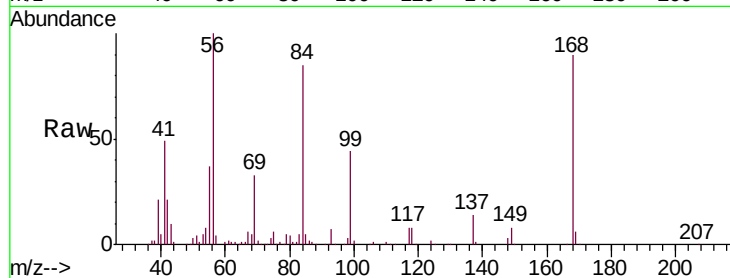
Tgt Ion: 56 Resp: 258248

Ion Ratio Lower Upper

56 100

69 33.0 26.7 40.1

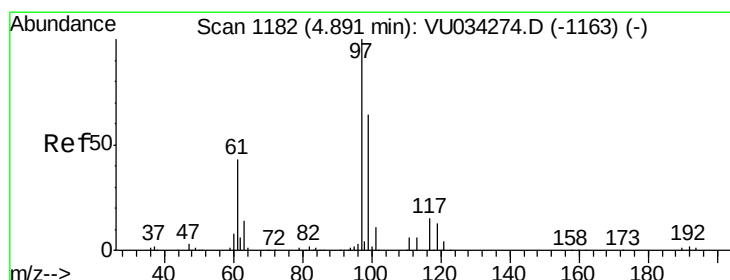
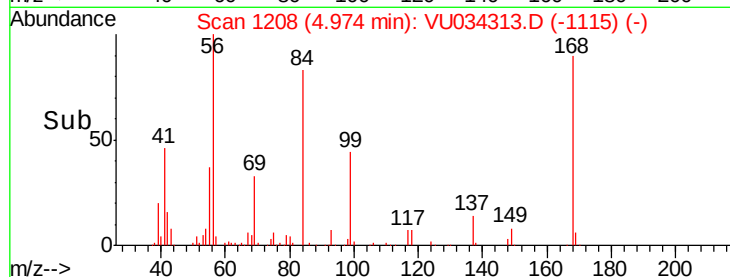
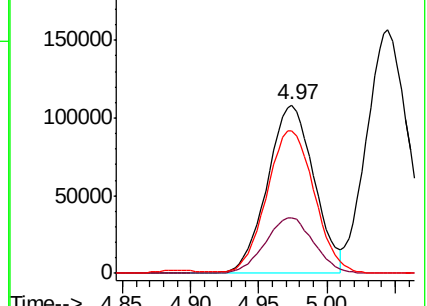
84 83.3 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU034313.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034313.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034313.D (-1188) (-)



#32

1,1,1-Trichloroethane

Concen: 48.942 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

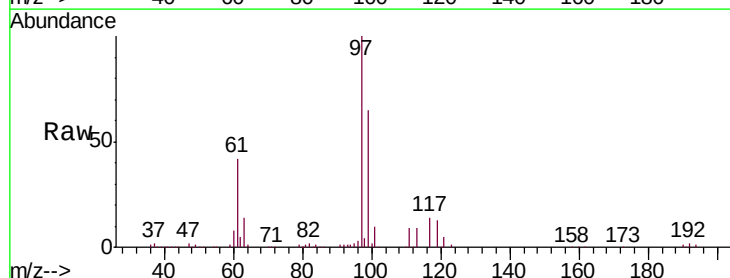
Tgt Ion: 97 Resp: 298959

Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

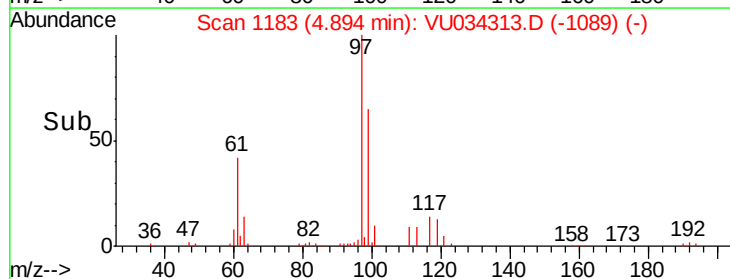
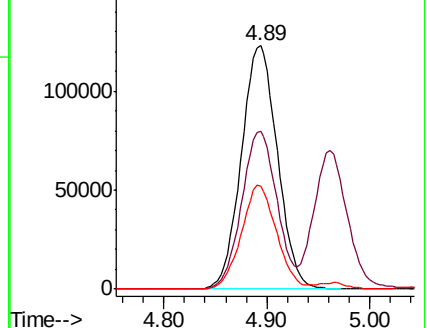
61 41.6 34.7 52.1

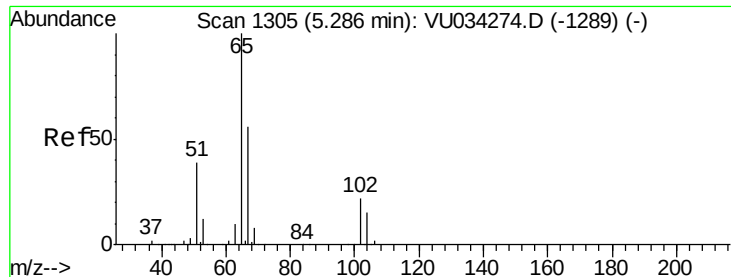


Abundance Ion 96.90 (96.60 to 97.60): VU034313.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU034313.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU034313.D (-1089) (-)

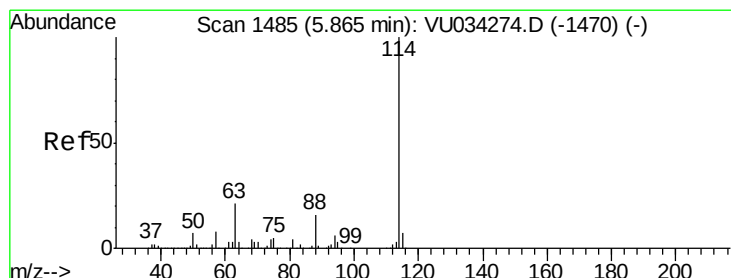
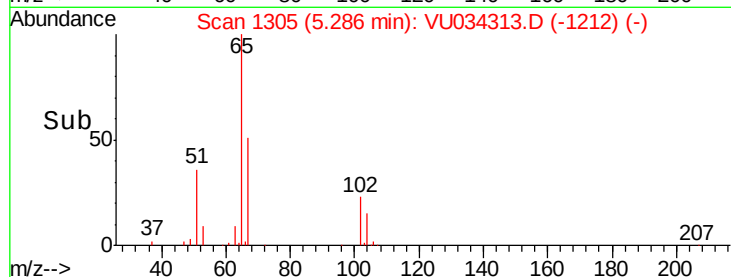
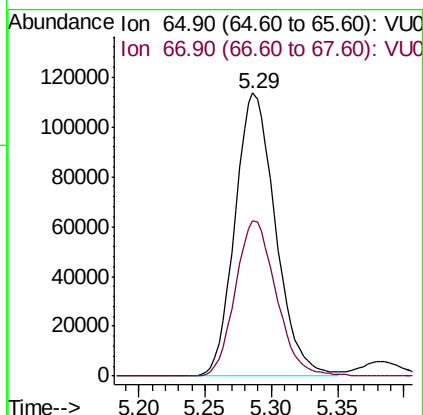
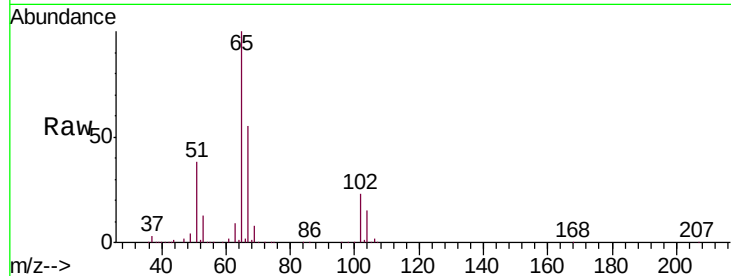




#33
 1,2-Dichloroethane-d4
 Concen: 51.514 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

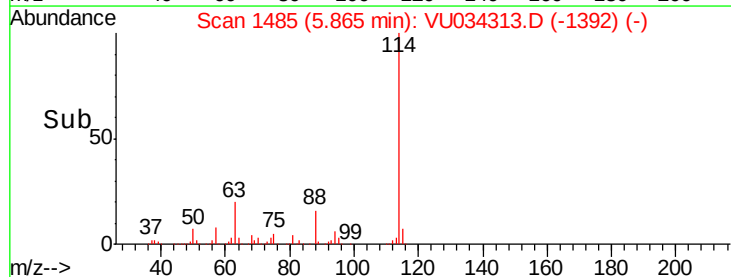
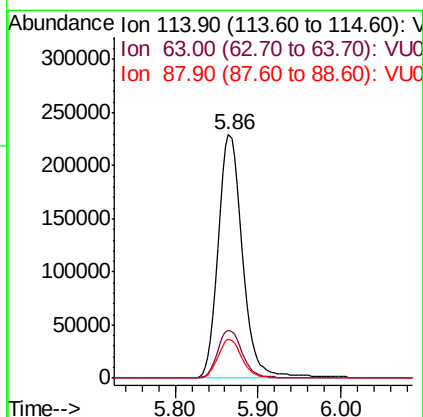
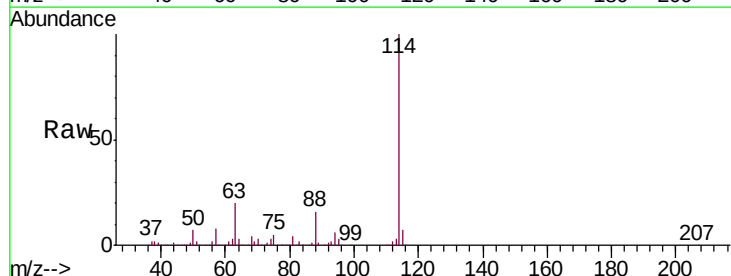
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

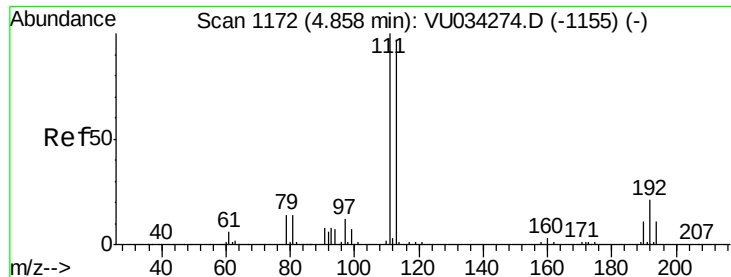
Tgt Ion: 65 Resp: 241837
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 114 Resp: 465507
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.7 0.0 32.4

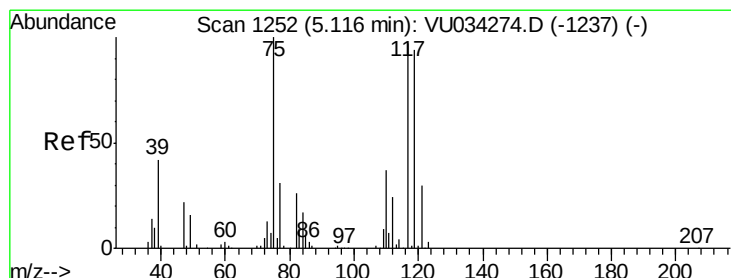
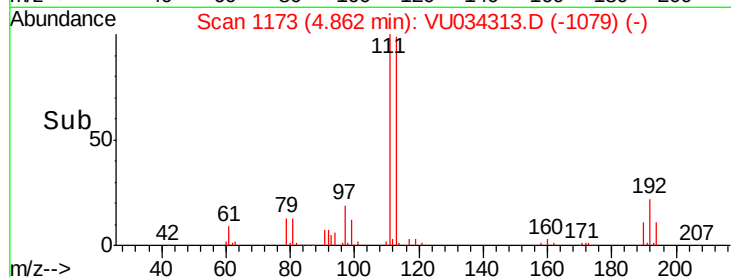
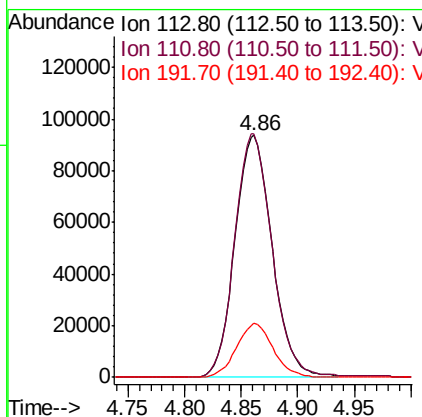
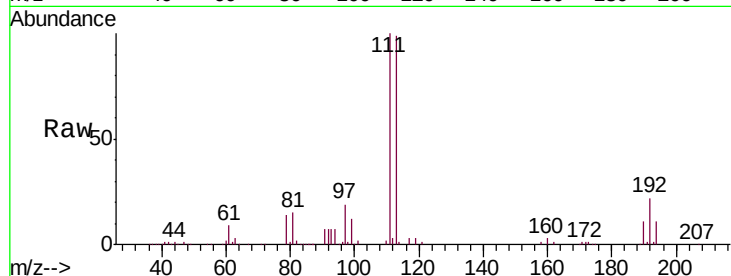




#35
 Dibromofluoromethane
 Concen: 49.556 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

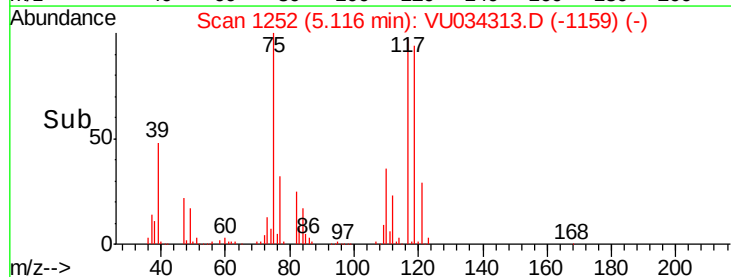
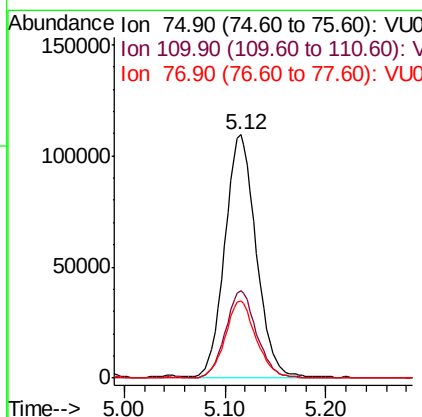
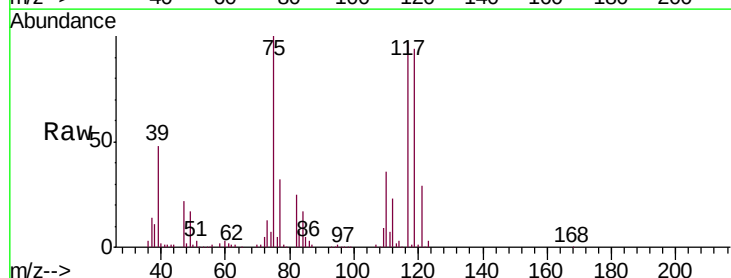
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

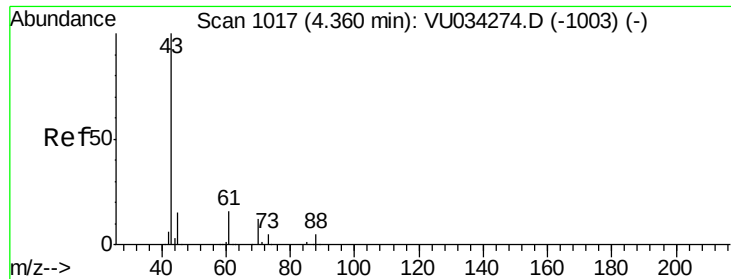
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.5	122.3
192	21.8	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 46.523 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.3	54.9
77	31.4	24.9	37.3

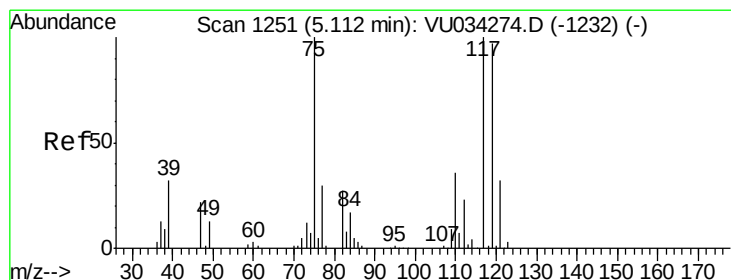
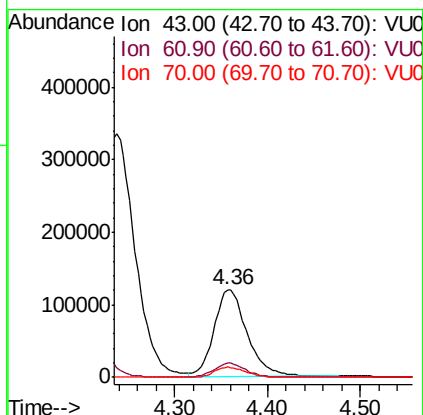
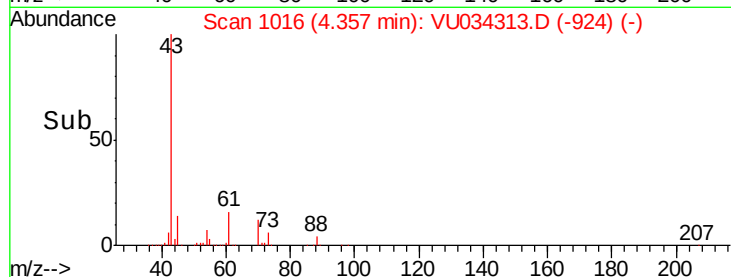
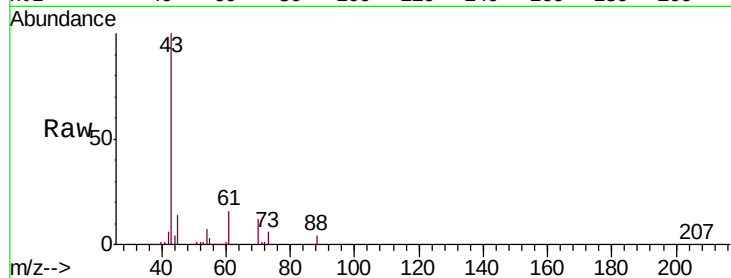




#37
Ethyl Acetate
Concen: 49.506 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

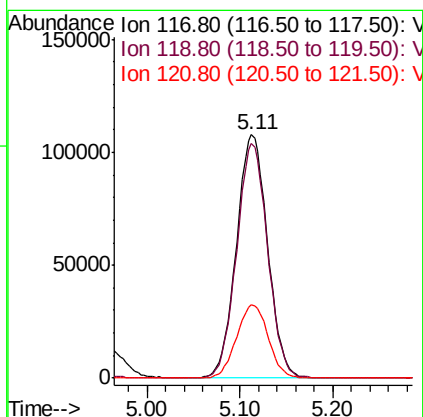
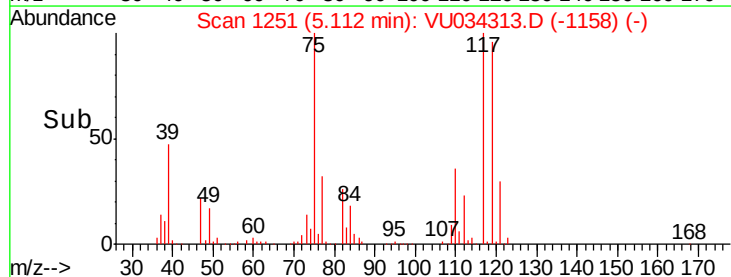
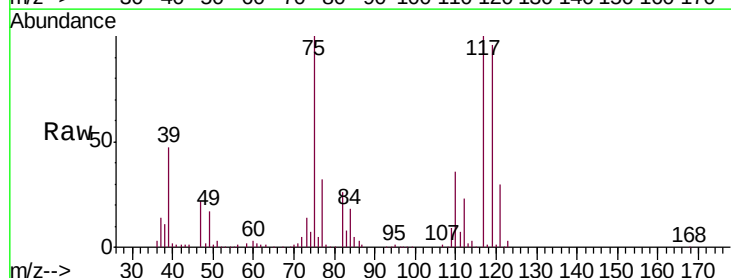
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

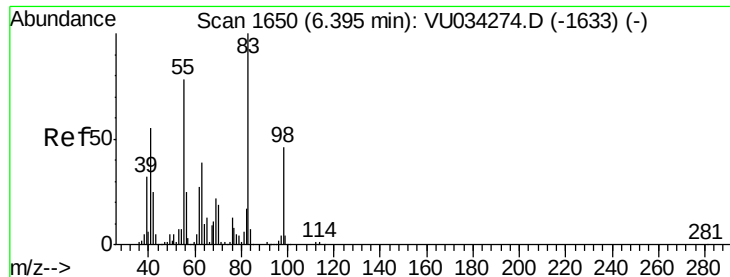
Tgt Ion: 43 Resp: 295496
Ion Ratio Lower Upper
43 100
61 15.2 12.3 18.5
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 46.540 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 117 Resp: 250869
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6
121 30.1 25.2 37.8

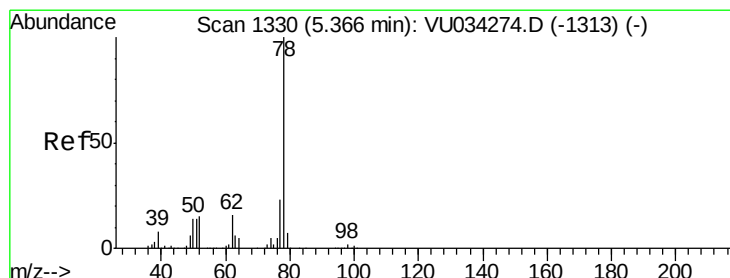
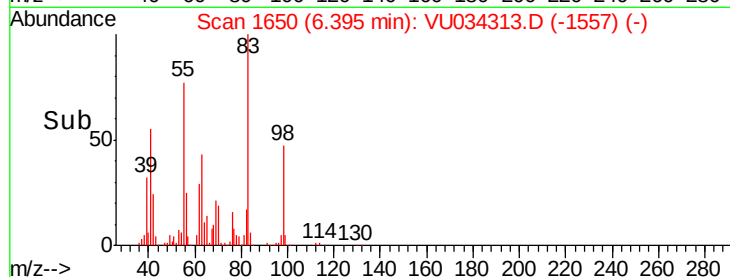
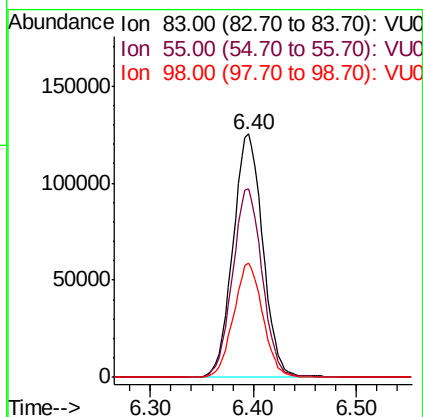
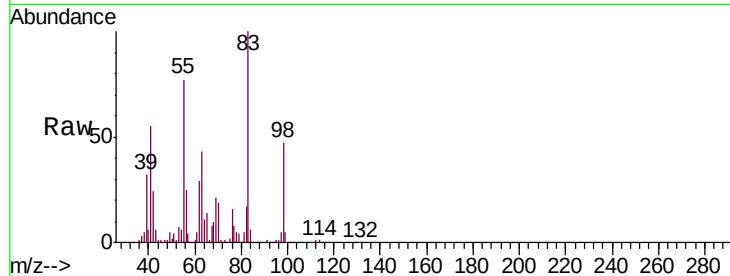




#39
Methylcyclohexane
Concen: 46.899 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

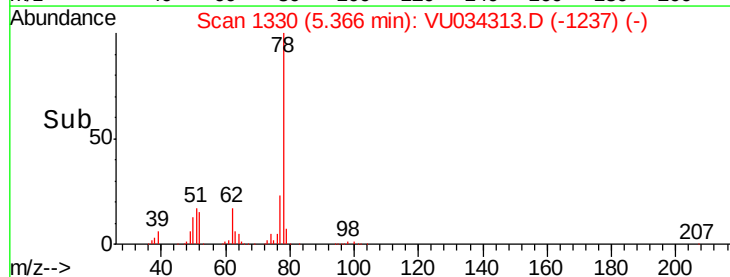
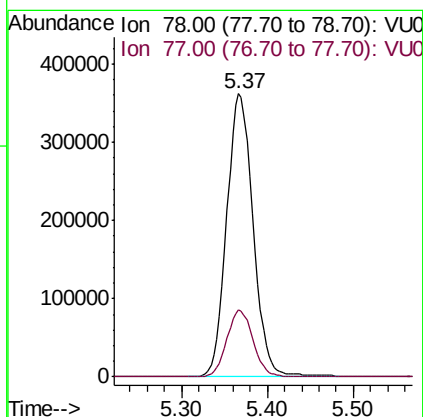
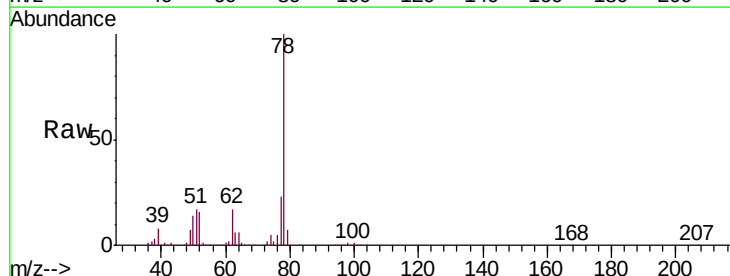
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

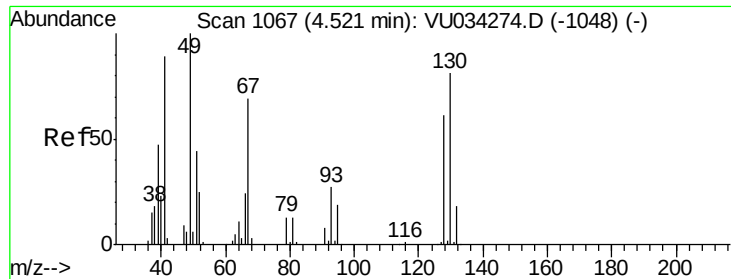
Tgt Ion: 83 Resp: 253106
Ion Ratio Lower Upper
83 100
55 77.3 62.1 93.1
98 46.8 37.0 55.6



#40
Benzene
Concen: 47.525 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 78 Resp: 774187
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

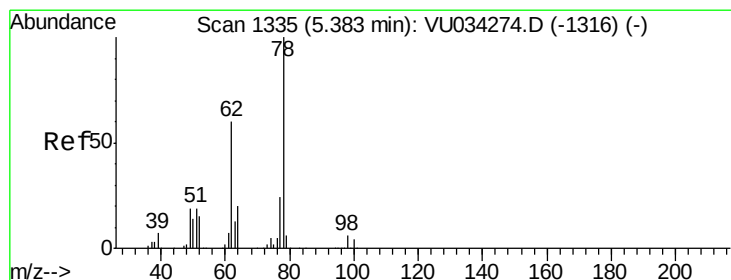
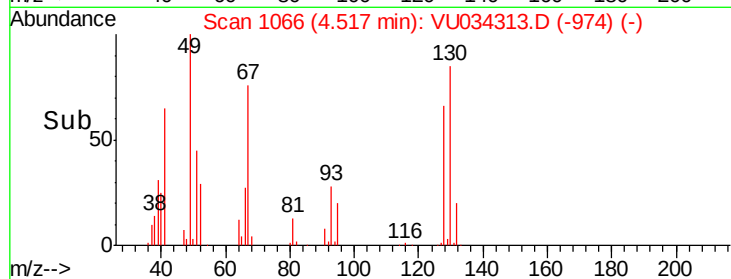
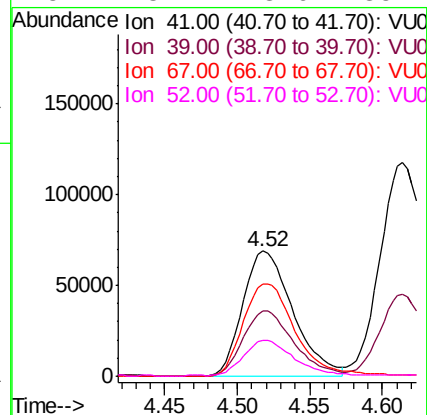
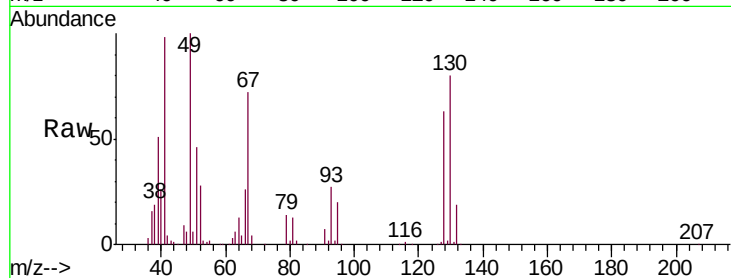




#41
Methacrylonitrile
Concen: 51.854 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

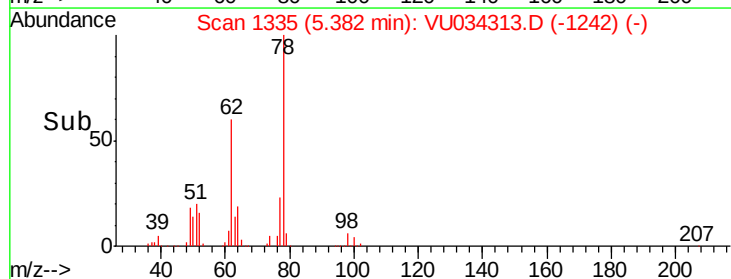
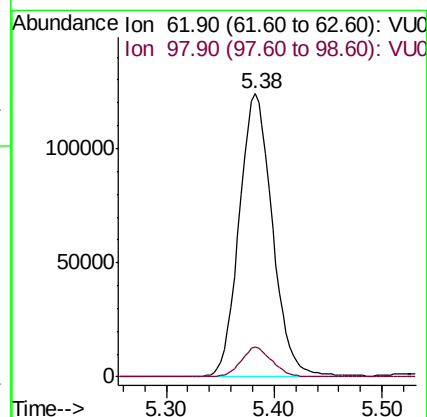
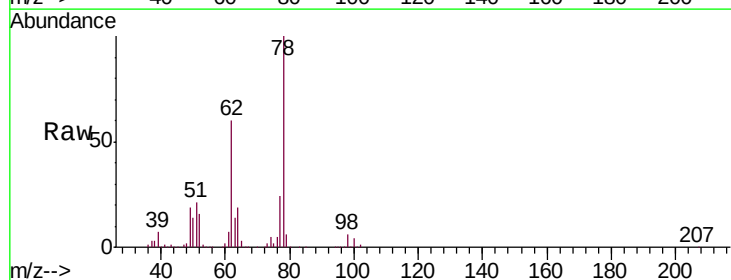
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

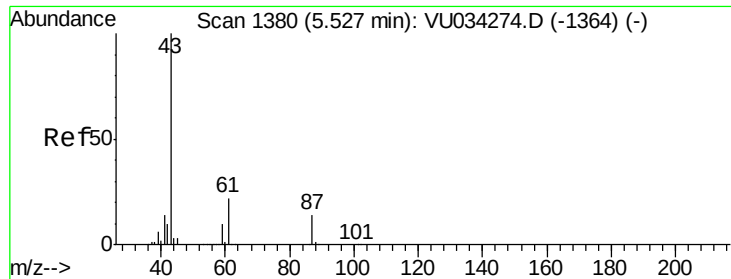
Tgt Ion:	41	Resp:	164867
Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.0	61.4
67	78.1	62.4	93.6
52	28.4	23.6	35.4



#42
1,2-Dichloroethane
Concen: 46.932 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion:	62	Resp:	265440
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 49.778 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

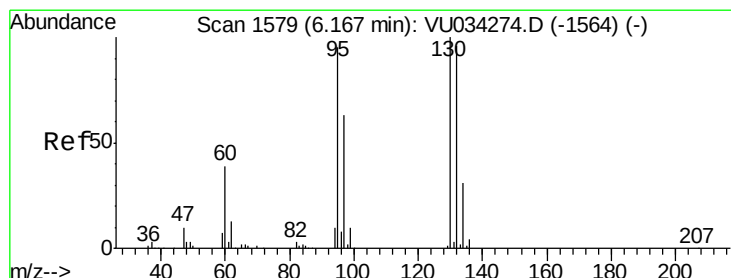
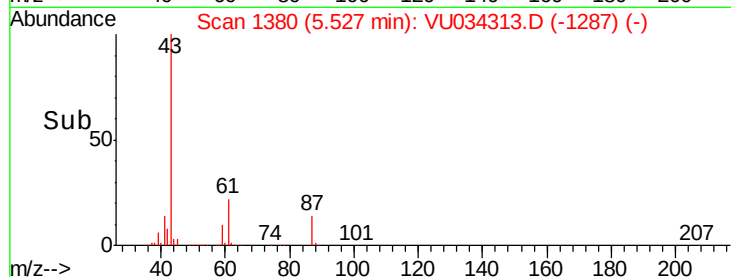
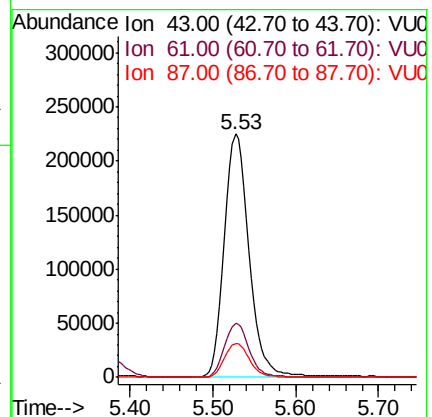
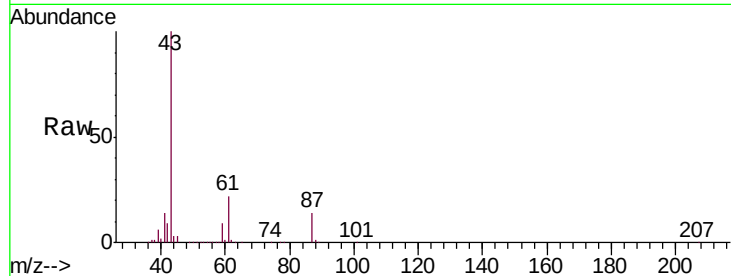
Tgt Ion: 43 Resp: 463506

Ion Ratio Lower Upper

43 100

61 22.0 17.1 25.7

87 14.0 11.1 16.7



#44

Trichloroethene

Concen: 48.388 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034313.D

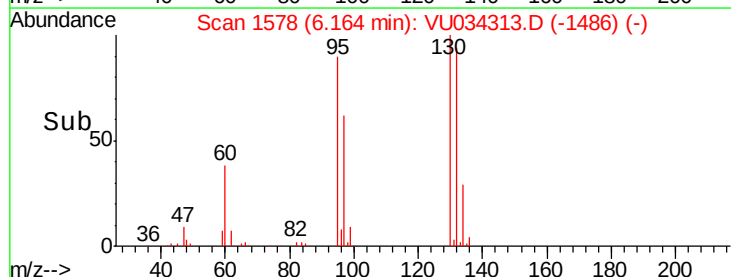
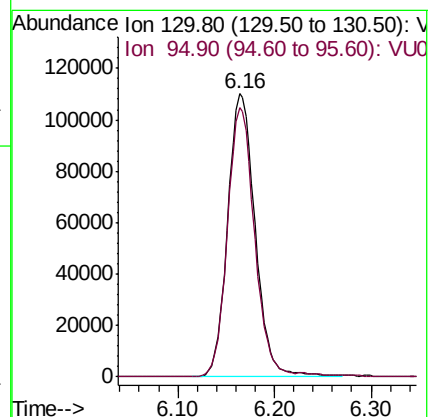
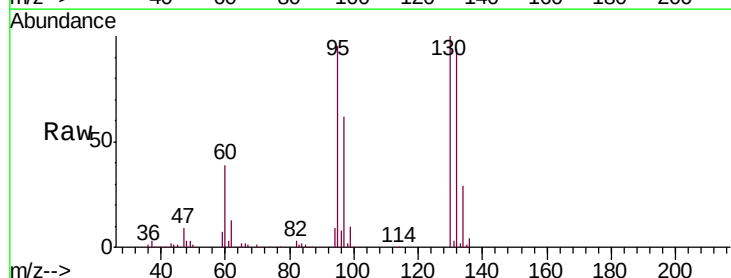
Acq: 06 Sep 2019 02:47

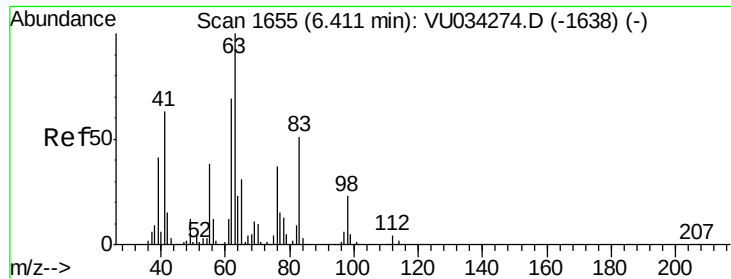
Tgt Ion: 130 Resp: 218123

Ion Ratio Lower Upper

130 100

95 95.1 0.0 189.2

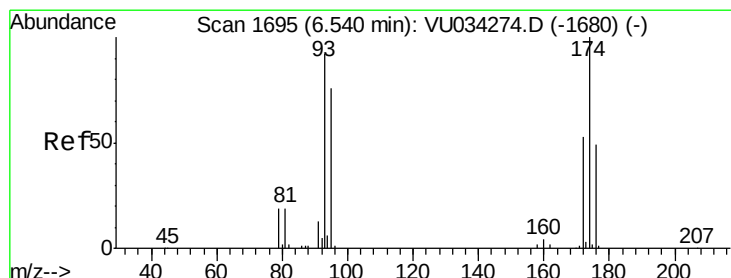
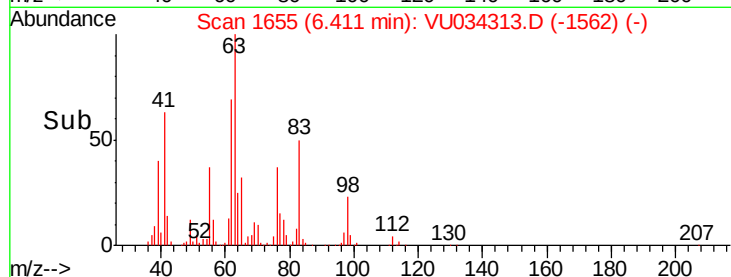
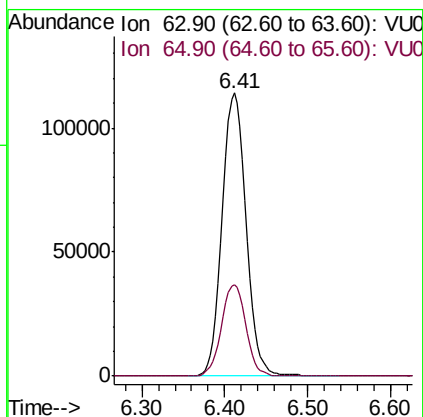
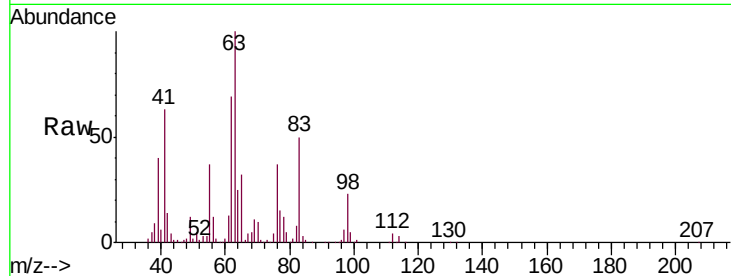




#45
 1,2-Dichloropropane
 Concen: 48.202 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

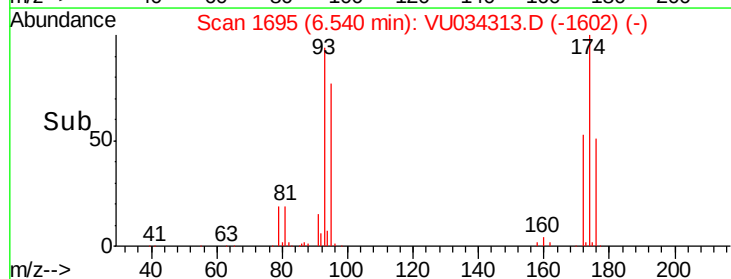
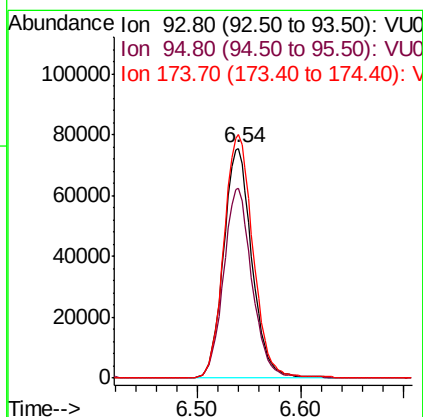
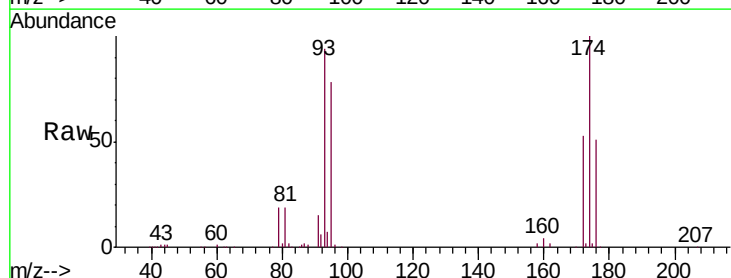
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

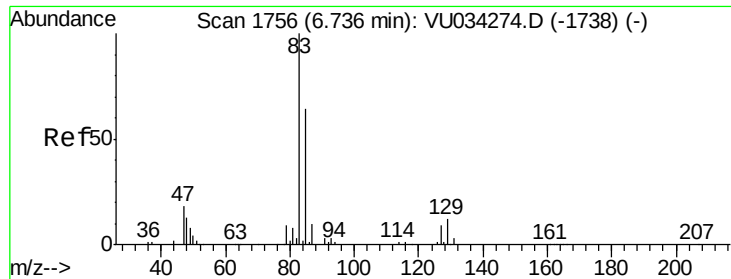
Tgt Ion: 63 Resp: 229553
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0



#46
 Dibromomethane
 Concen: 48.501 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 93 Resp: 144984
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 108.4 87.8 131.6





#47

Bromodichloromethane

Concen: 47.517 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

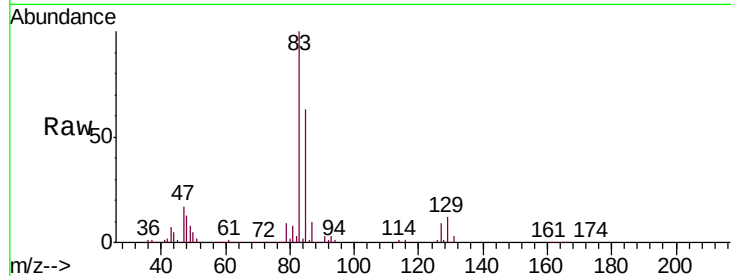
Tgt Ion: 83 Resp: 292382

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

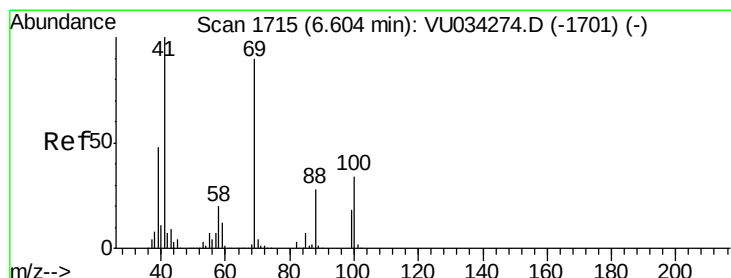
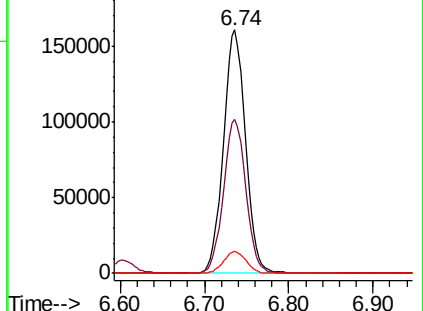
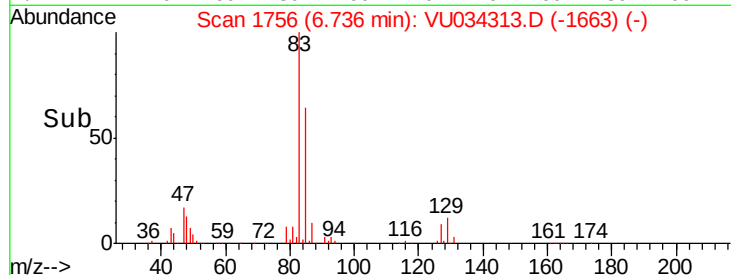
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034313.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034313.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034313.D (-1663) (-)



#48

Methyl methacrylate

Concen: 48.955 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

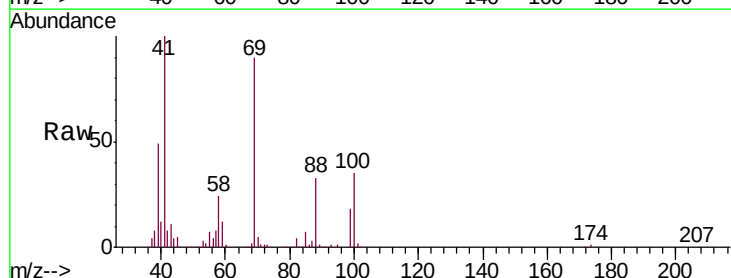
Tgt Ion: 41 Resp: 216507

Ion Ratio Lower Upper

41 100

69 93.2 72.8 109.2

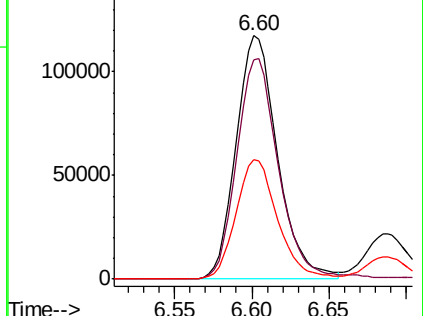
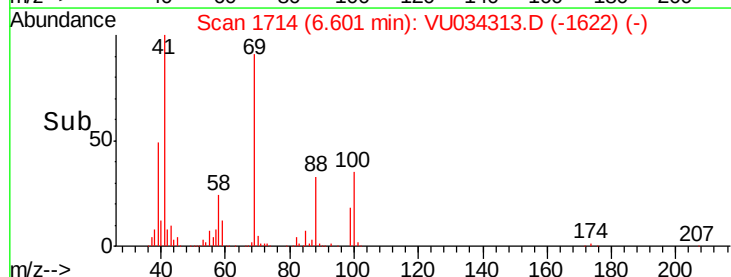
39 49.2 38.6 58.0

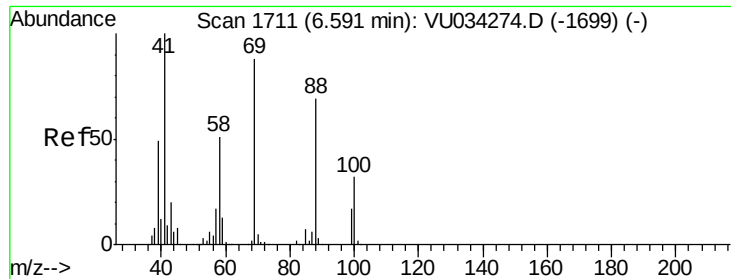


Abundance Ion 41.00 (40.70 to 41.70): VU034313.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034313.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034313.D (-1622) (-)

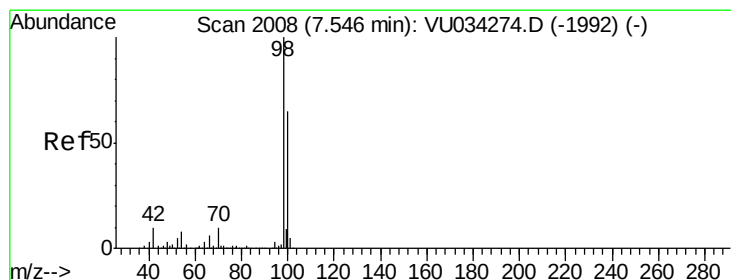
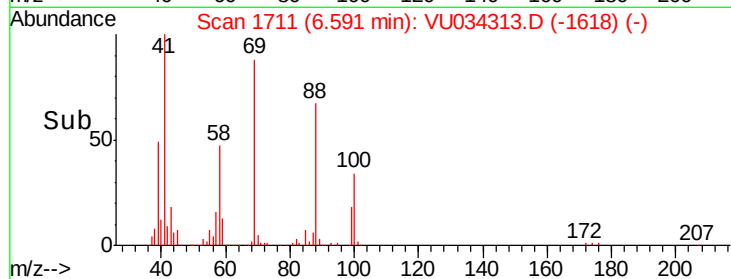
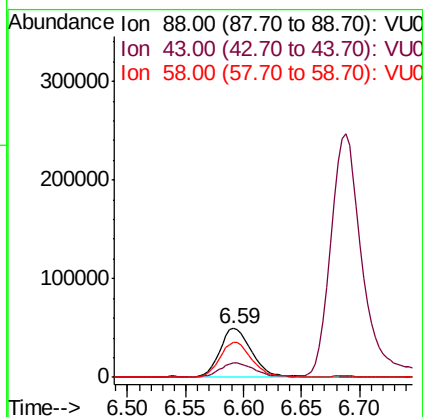
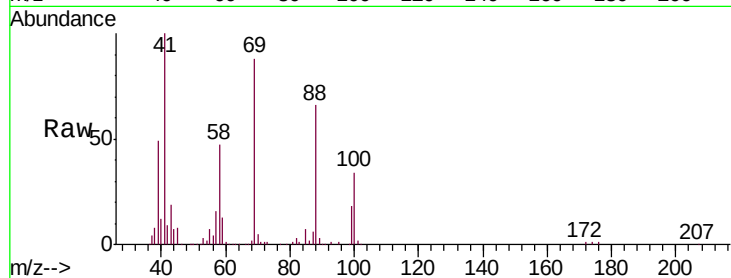




#49
1,4-Dioxane
Concen: 984.593 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

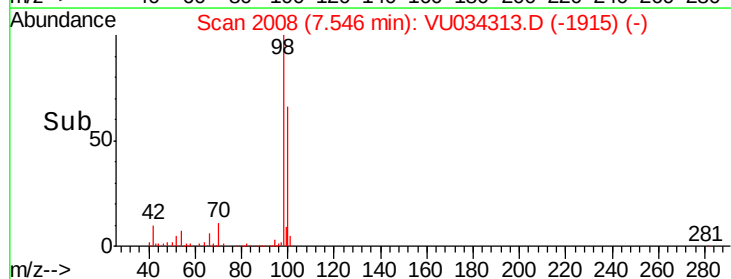
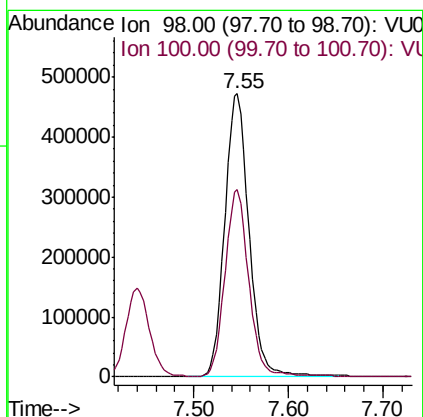
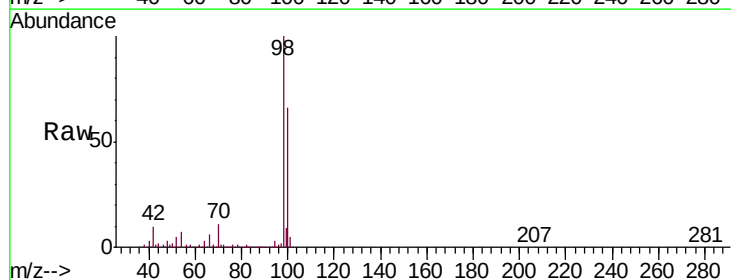
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

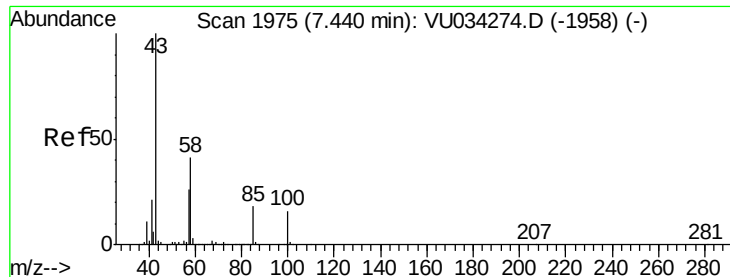
Tgt Ion: 88 Resp: 95085
Ion Ratio Lower Upper
88 100
43 28.6 23.8 35.6
58 72.7 58.4 87.6



#50
Toluene-d8
Concen: 51.849 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 98 Resp: 843771
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

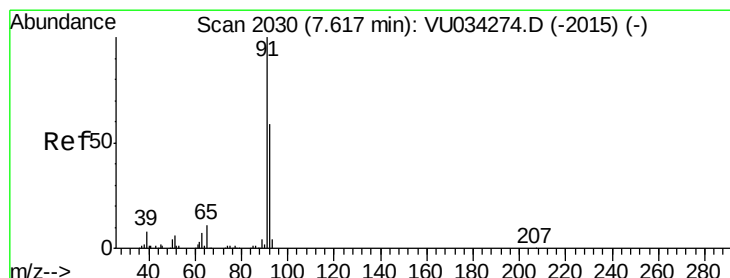
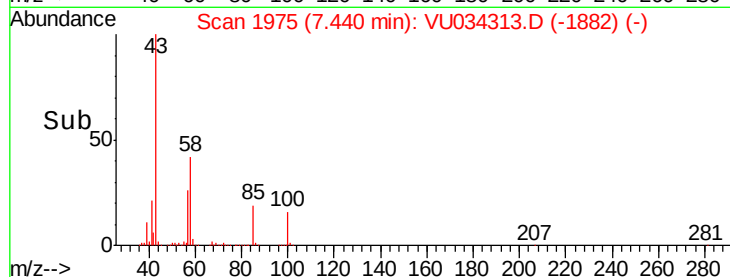
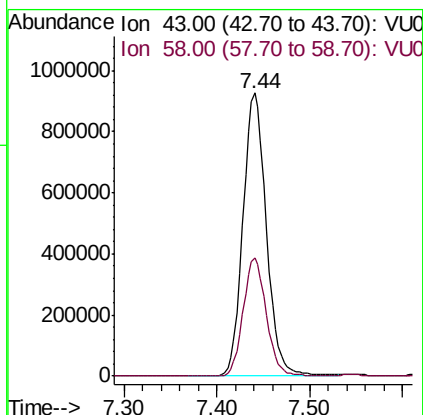
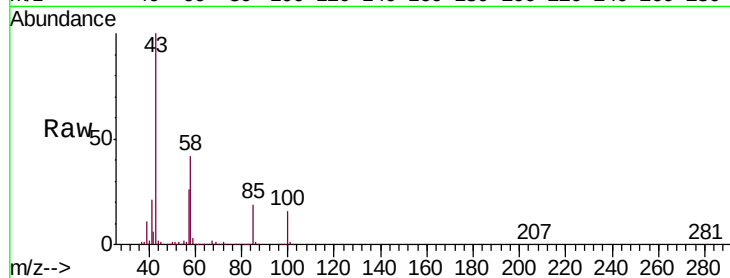




#51
 4-Methyl-2-Pentanone
 Concen: 251.064 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

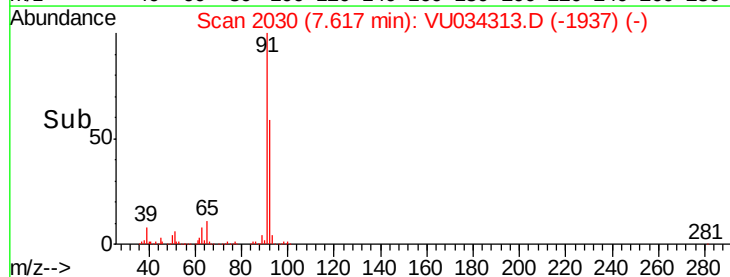
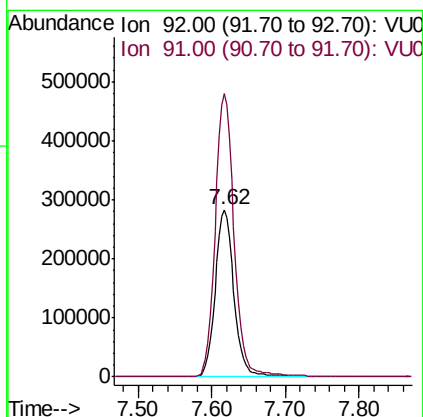
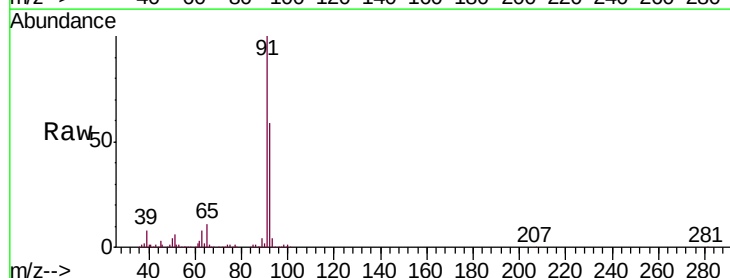
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

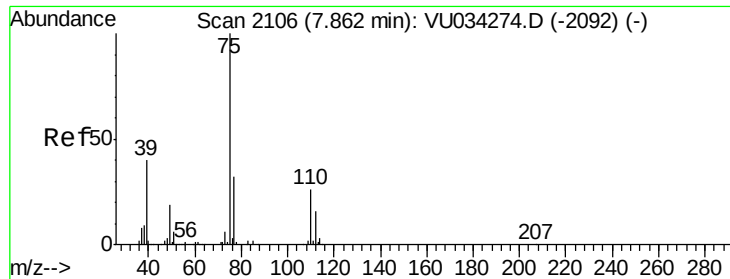
Tgt Ion: 43 Resp: 1618201
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.4



#52
 Toluene
 Concen: 48.803 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 92 Resp: 498714
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.6 205.0

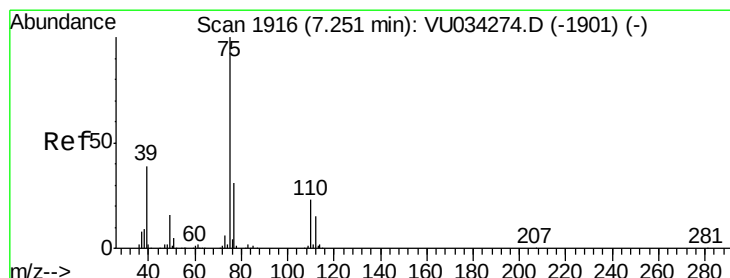
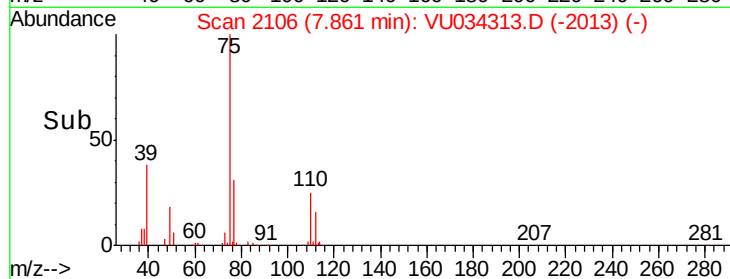
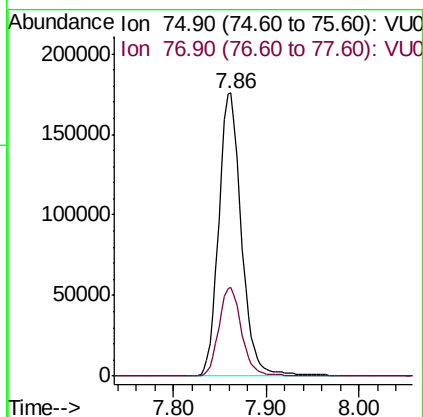
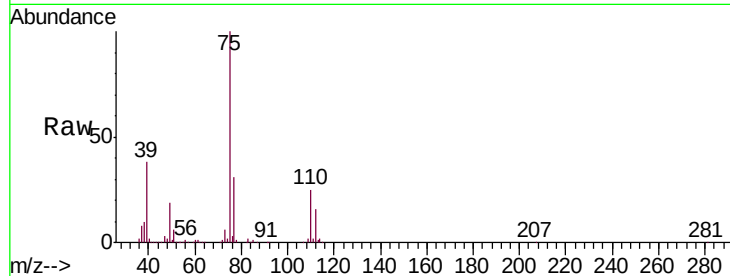




#53
t-1,3-Dichloropropene
Concen: 46.957 ug/l
RT: 7.86 min Scan# 2106
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

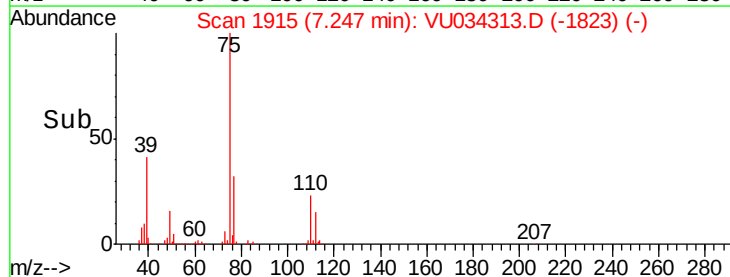
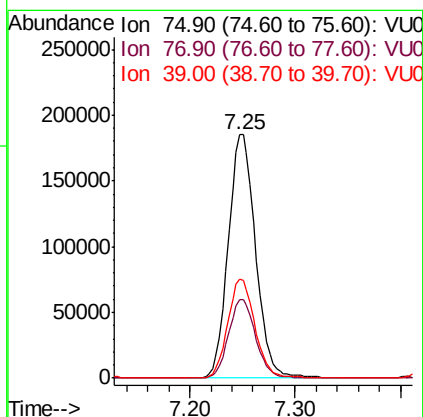
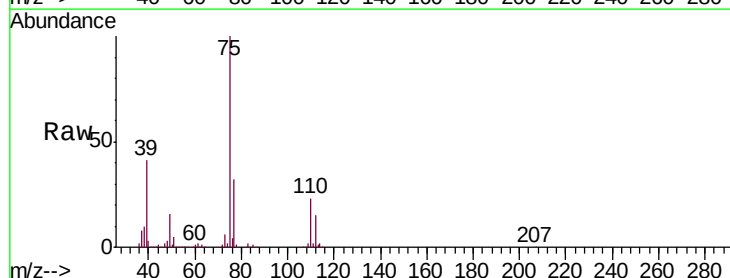
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

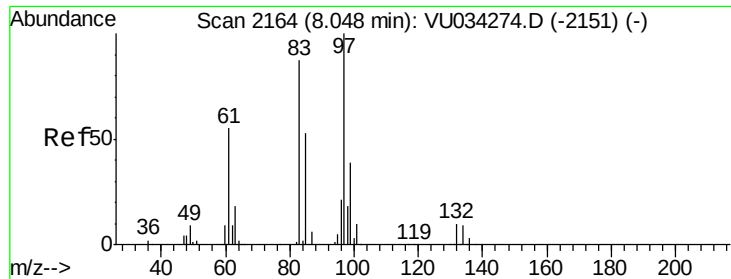
Tgt Ion: 75 Resp: 299520
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.397 ug/l
RT: 7.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 75 Resp: 331812
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7
39 40.7 31.2 46.8

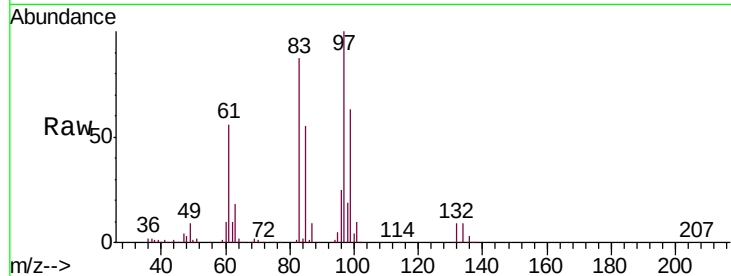




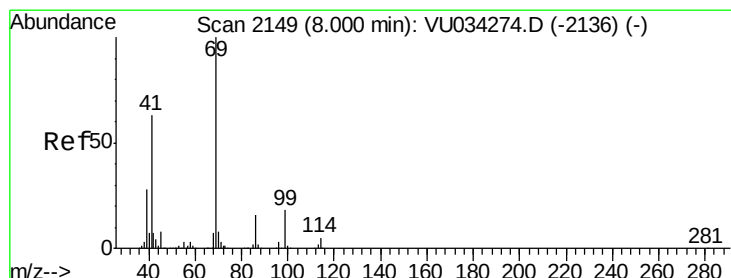
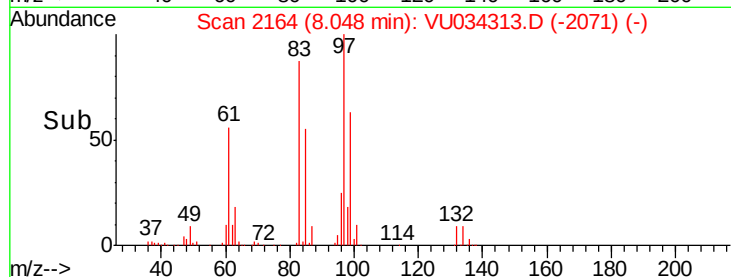
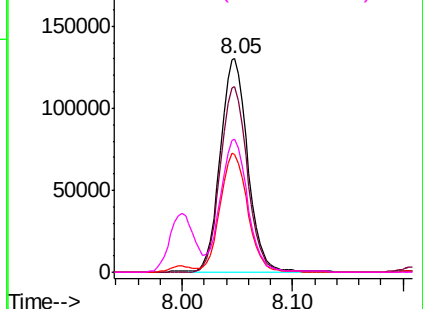
#55
 1,1,2-Trichloroethane
 Concen: 47.955 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	222517
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	55.2	44.2	66.2
99	62.5	49.4	74.0

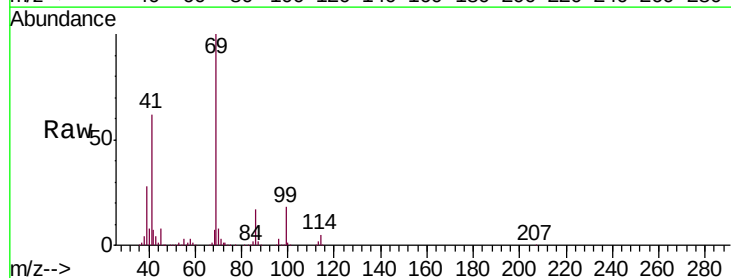


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

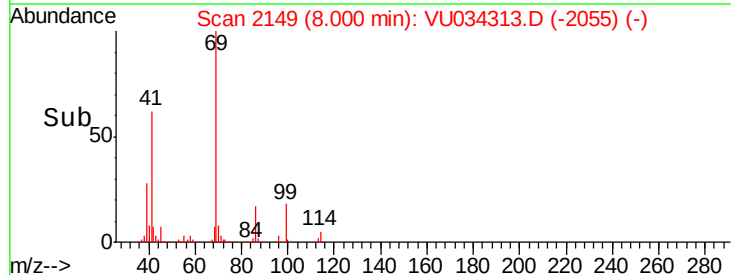
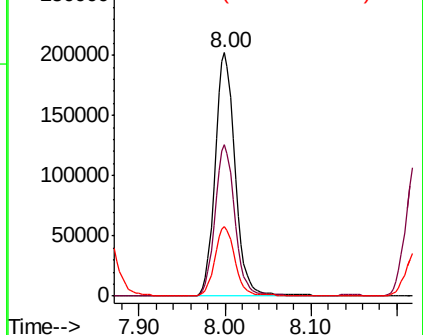


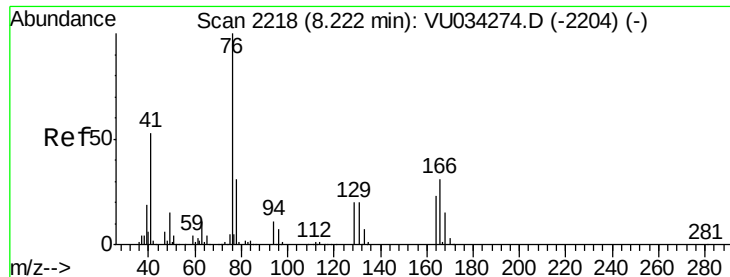
#56
 Ethyl methacrylate
 Concen: 46.921 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion:	69	Resp:	329355
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.5	74.3
39	28.3	22.5	33.7



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

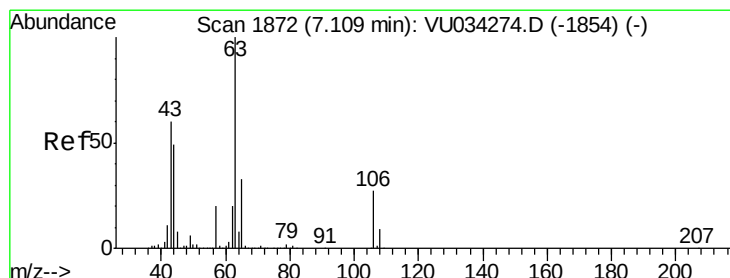
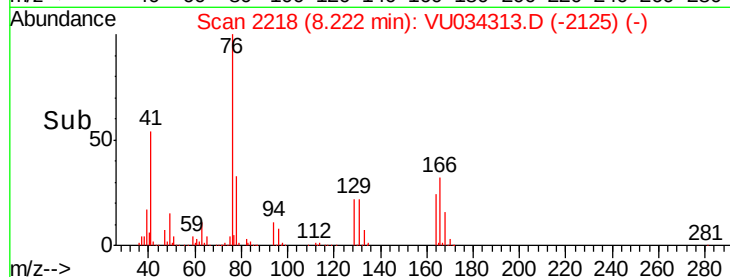
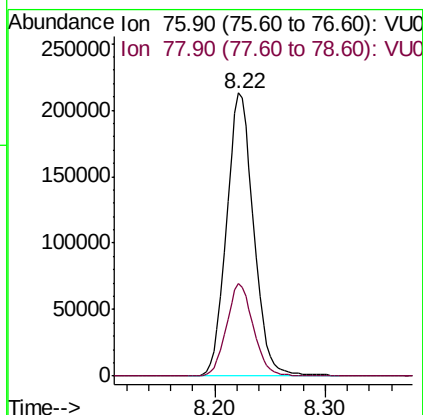
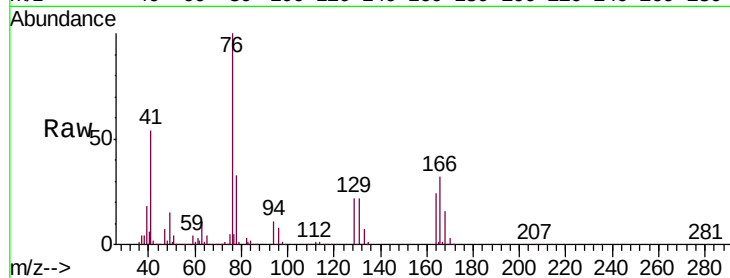




#57
 1,3-Dichloropropane
 Concen: 48.019 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

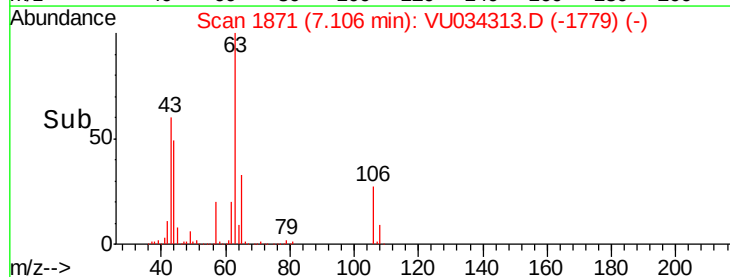
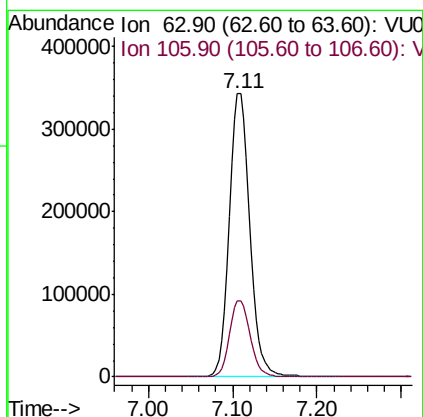
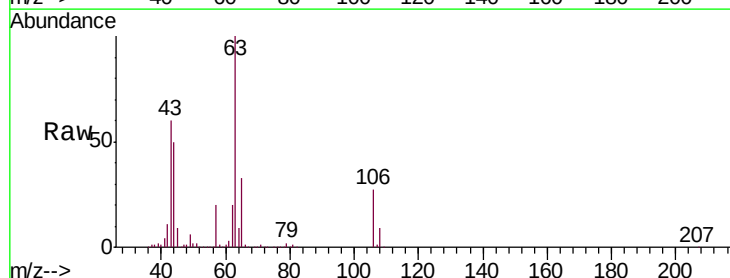
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

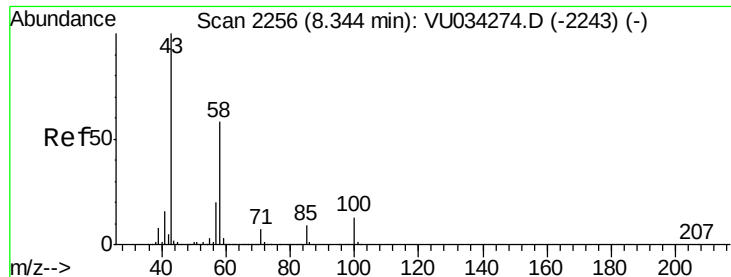
Tgt Ion: 76 Resp: 362818
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.361 ug/l
 RT: 7.11 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 63 Resp: 581862
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.6 32.4

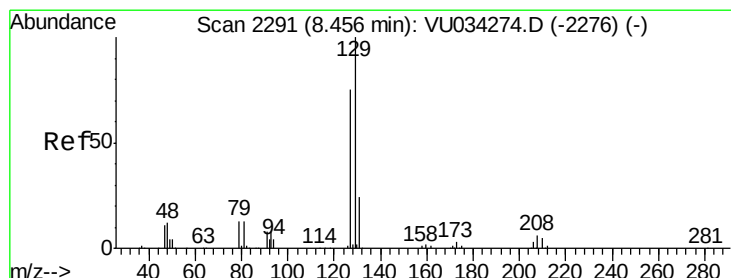
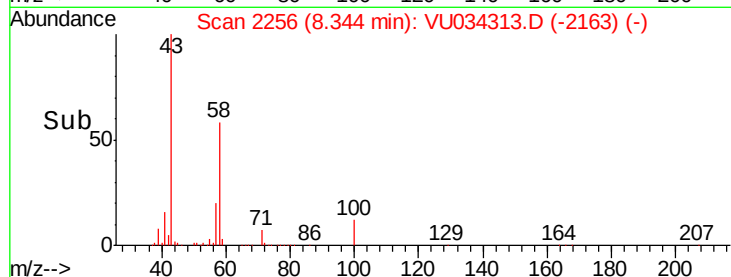
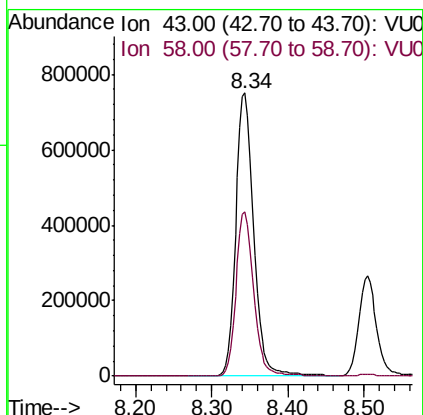
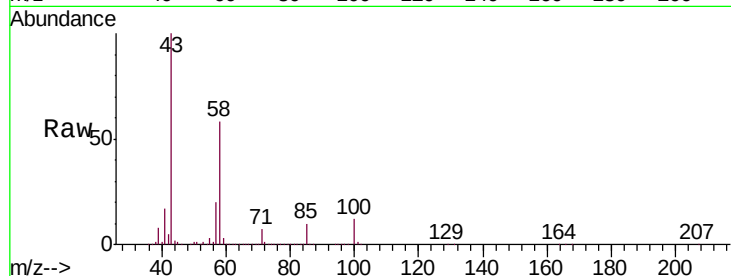




#59
2-Hexanone
Concen: 253.988 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

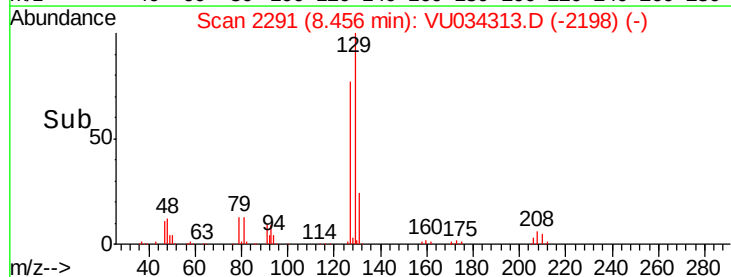
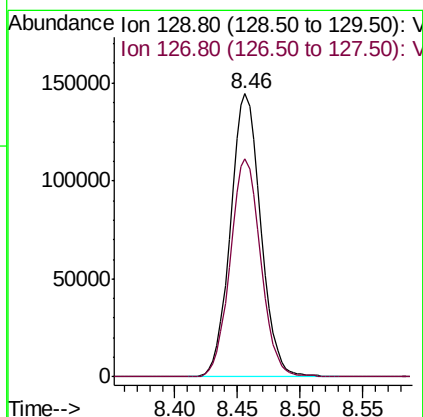
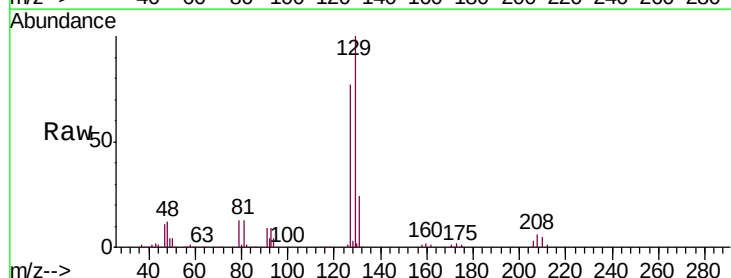
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

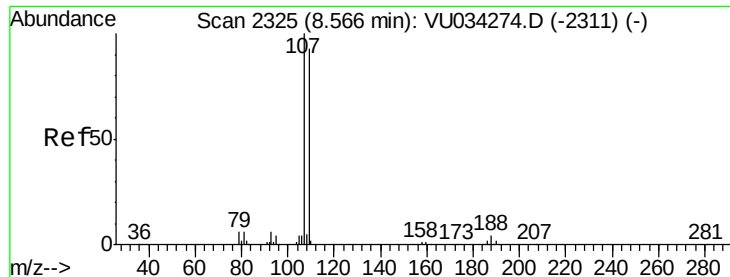
Tgt Ion: 43 Resp: 1222962
Ion Ratio Lower Upper
43 100
58 57.8 28.8 86.5



#60
Dibromochloromethane
Concen: 48.644 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 129 Resp: 242100
Ion Ratio Lower Upper
129 100
127 77.7 37.9 113.7

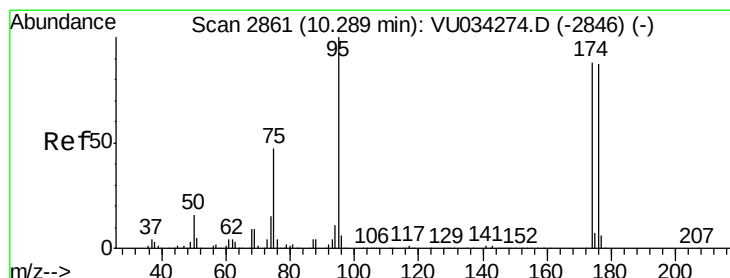
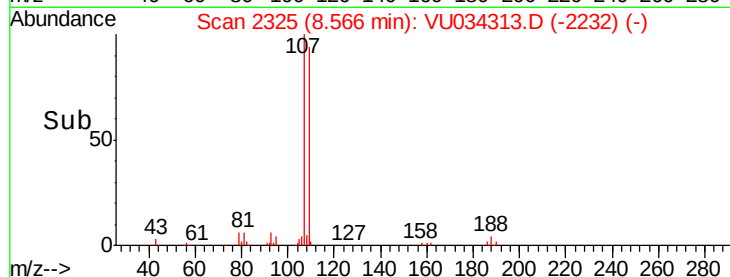
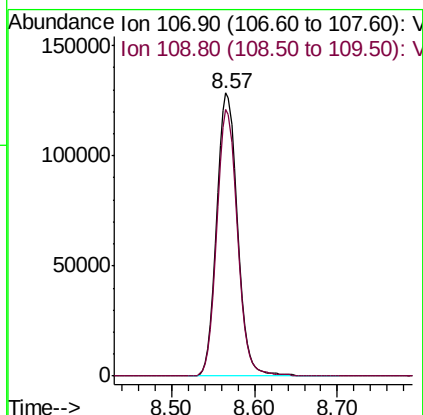
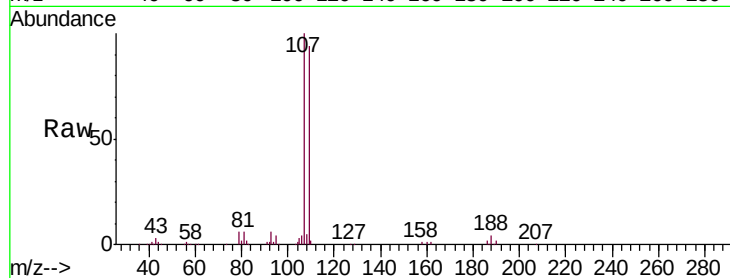




#61
 1,2-Dibromoethane
 Concen: 49.111 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

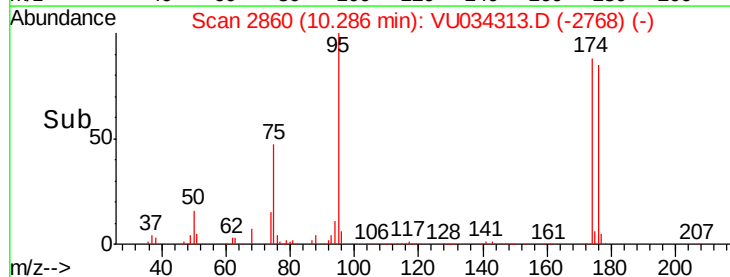
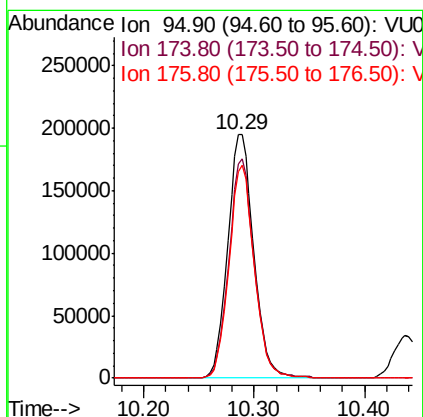
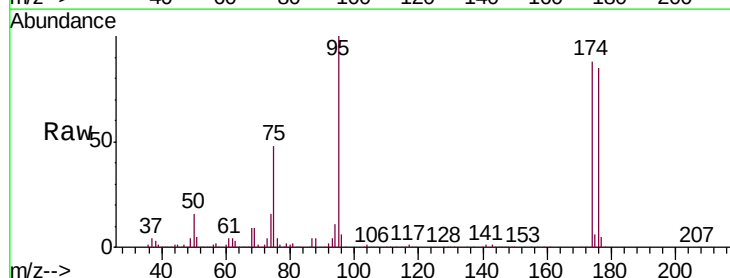
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

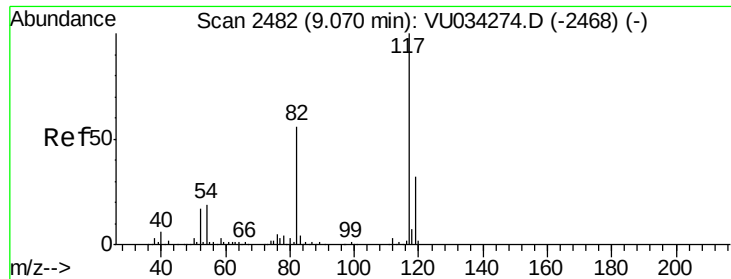
Tgt Ion: 107 Resp: 223046
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.758 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 95 Resp: 318922
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 175.2
 176 85.2 0.0 168.0

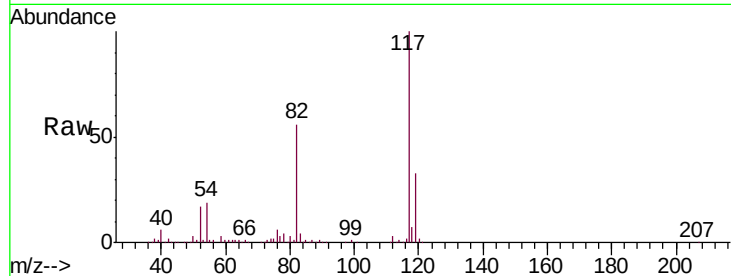




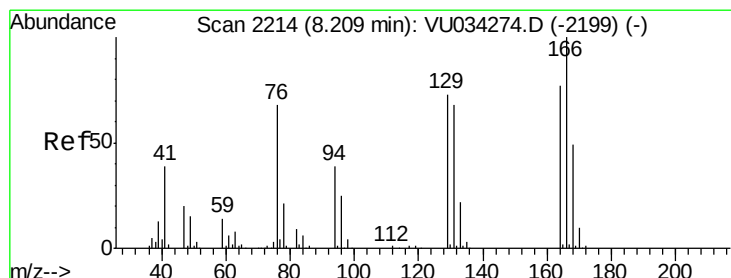
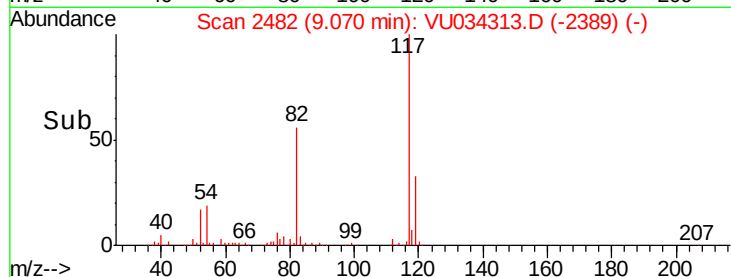
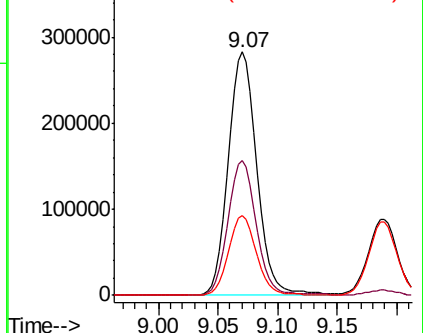
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 472291
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 33.0 25.9 38.9

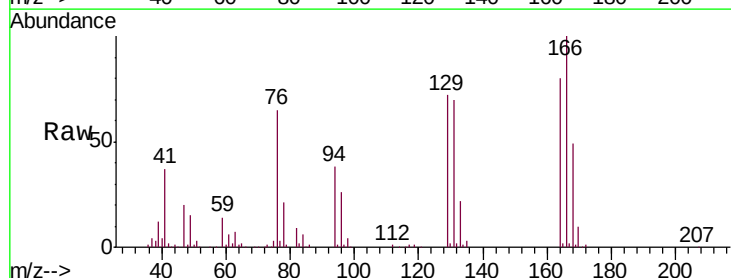


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

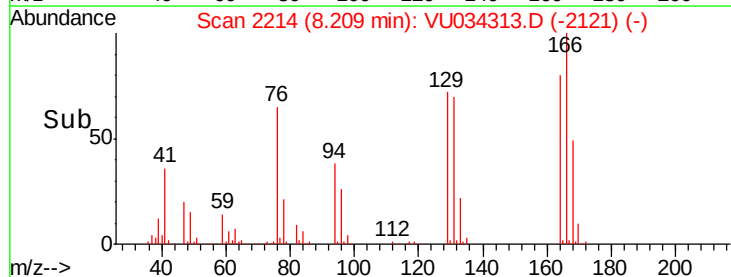
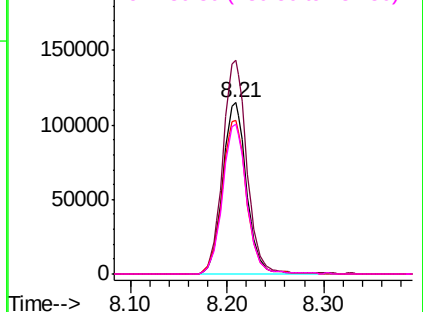


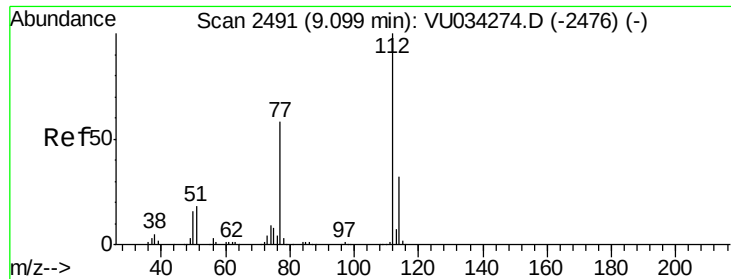
#64
Tetrachloroethene
Concen: 48.005 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion:164 Resp: 196694
Ion Ratio Lower Upper
164 100
166 124.7 103.7 155.5
129 89.4 75.8 113.8
131 87.6 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

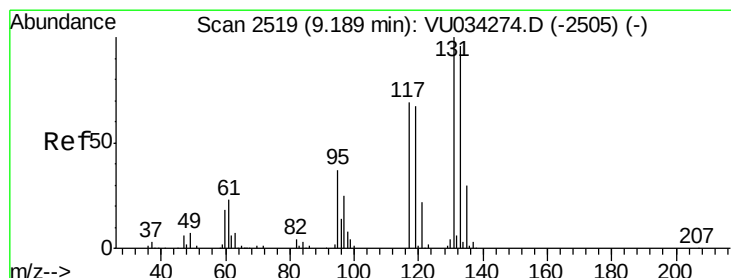
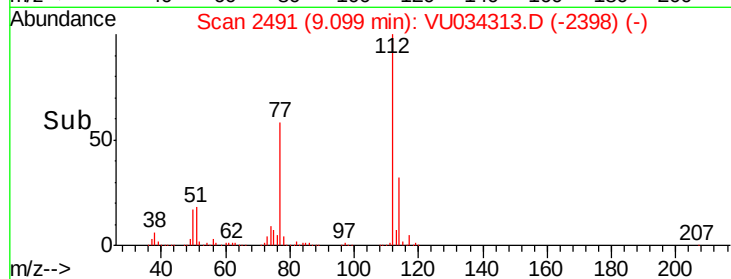
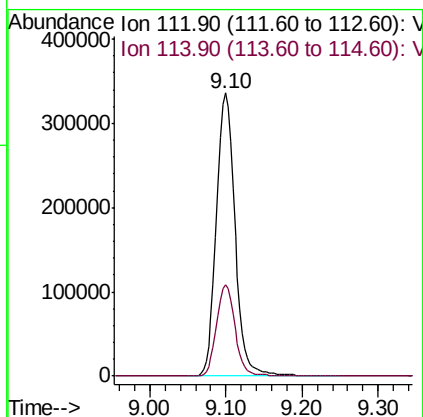
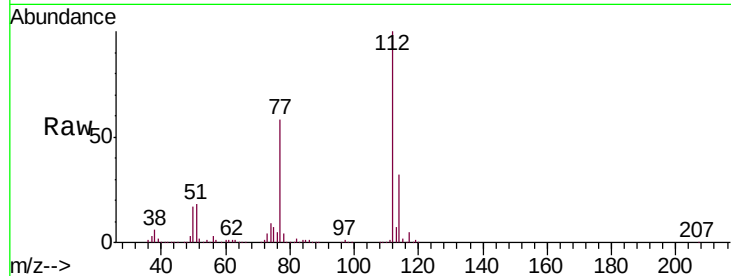




#65
Chlorobenzene
Concen: 47.712 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

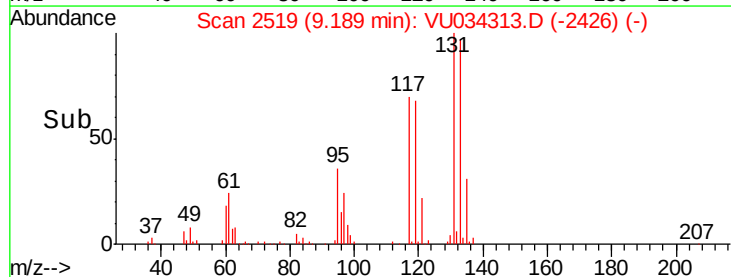
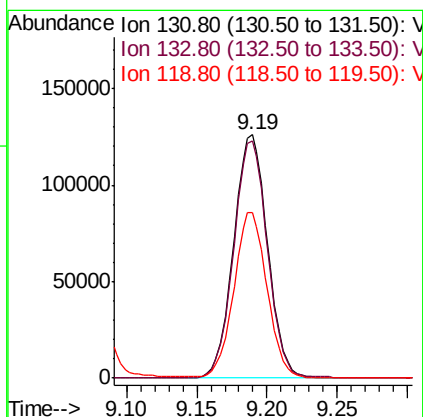
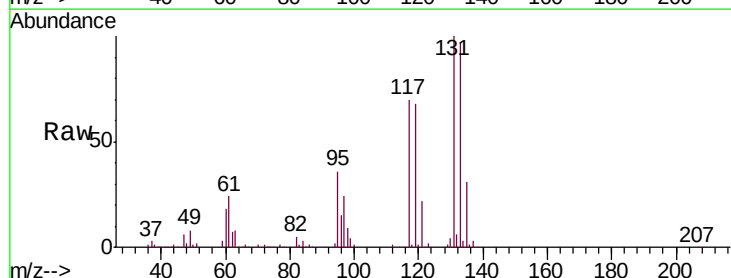
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

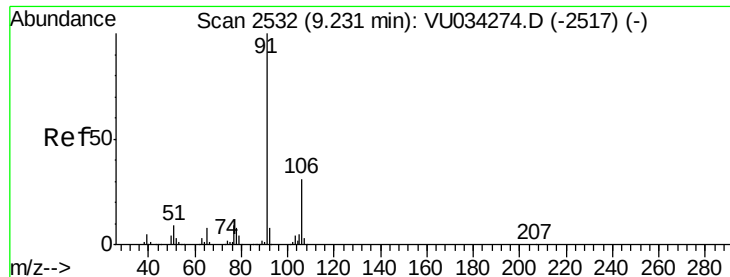
Tgt Ion:112 Resp: 571695
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.466 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion:131 Resp: 212482
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.7
119 66.4 33.1 99.5





#67

Ethyl Benzene

Concen: 49.027 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

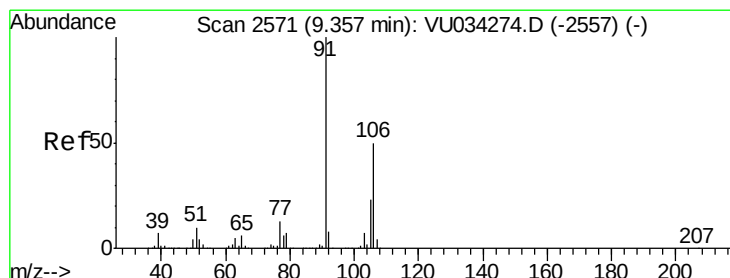
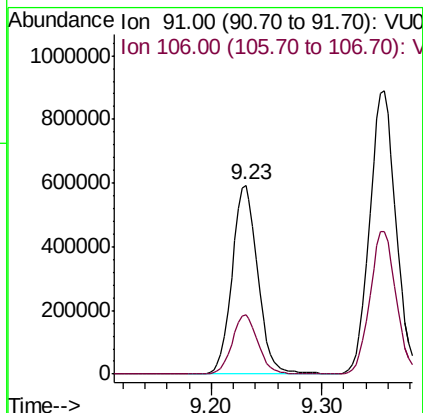
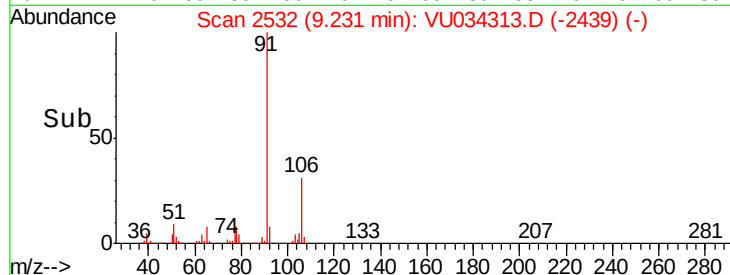
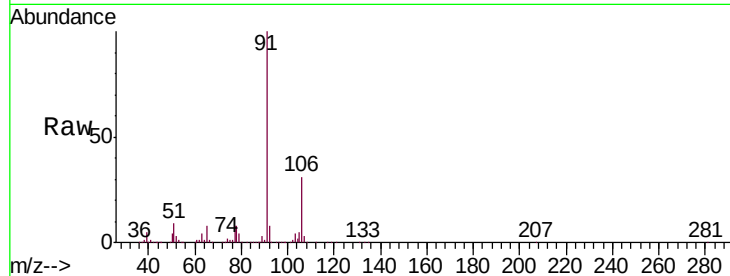
VSTDCCC050EC

Tgt Ion: 91 Resp: 960521

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 101.444 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU034313.D

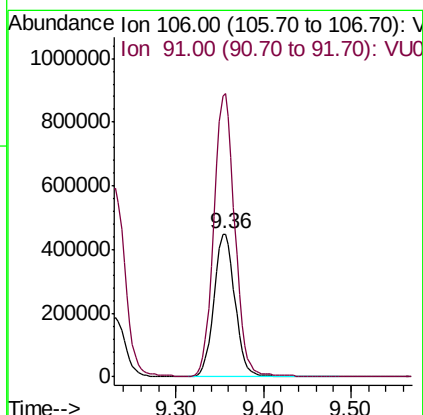
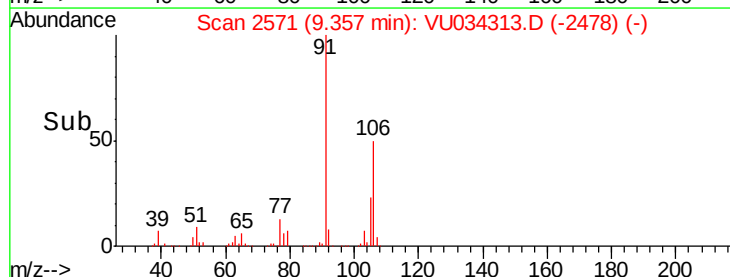
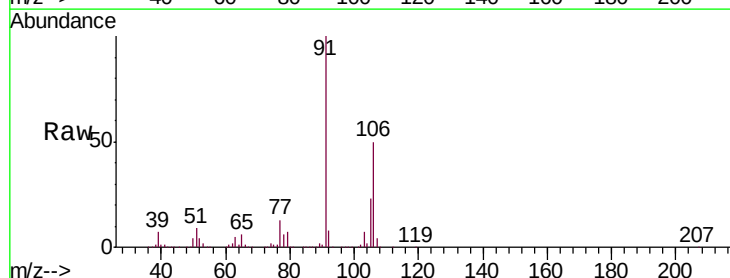
Acq: 06 Sep 2019 02:47

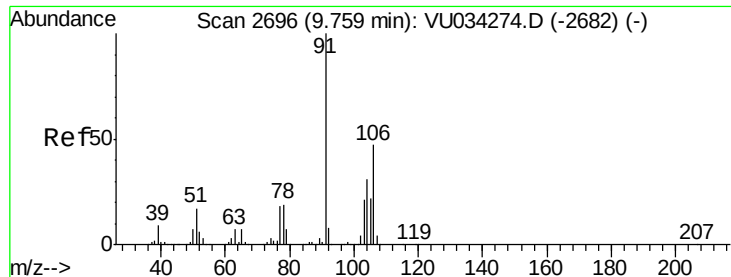
Tgt Ion: 106 Resp: 748400

Ion Ratio Lower Upper

106 100

91 198.8 160.1 240.1

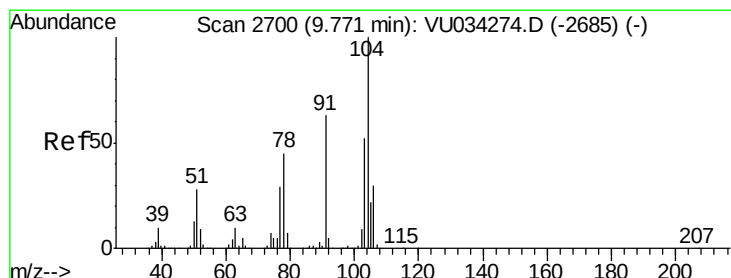
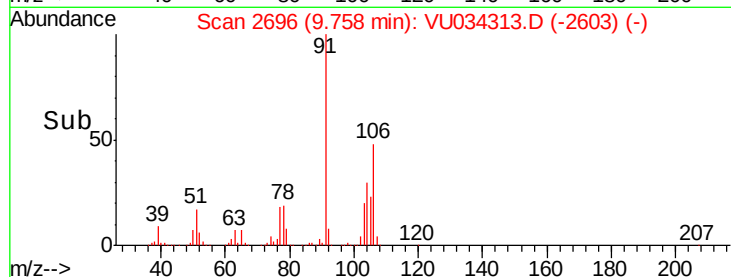
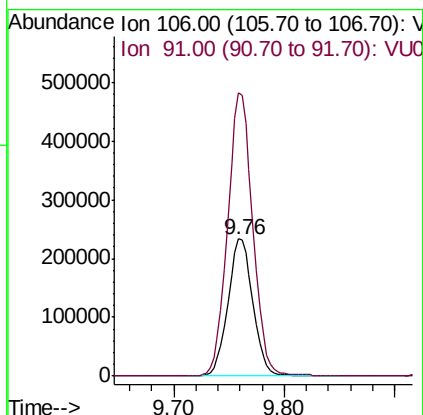
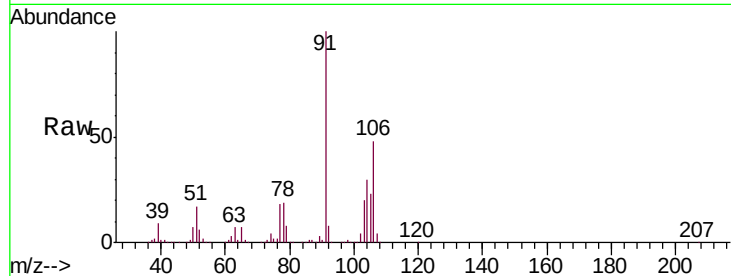




#69
o-Xylene
Concen: 50.827 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

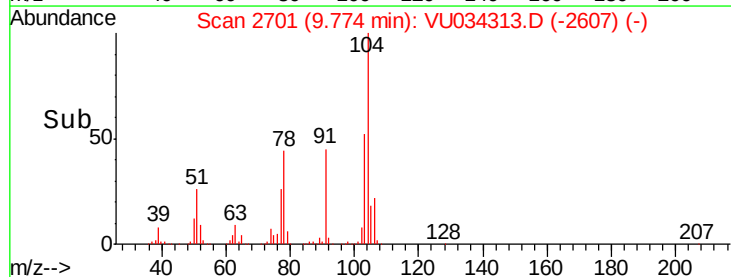
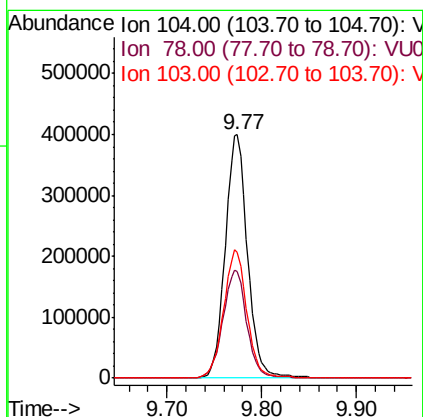
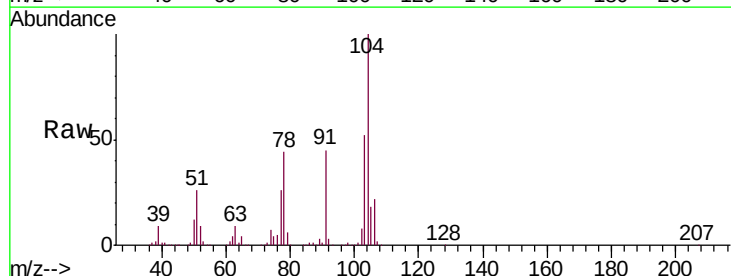
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

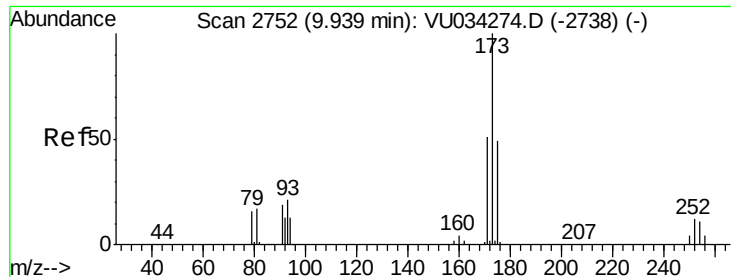
Tgt Ion:106 Resp: 366711
Ion Ratio Lower Upper
106 100
91 208.3 105.1 315.3



#70
Styrene
Concen: 51.638 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion:104 Resp: 653202
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 55.3 44.2 66.4





#71

Bromoform

Concen: 48.140 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

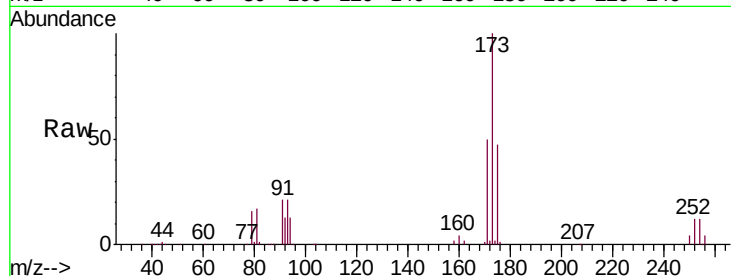
Tgt Ion:173 Resp: 190785

Ion Ratio Lower Upper

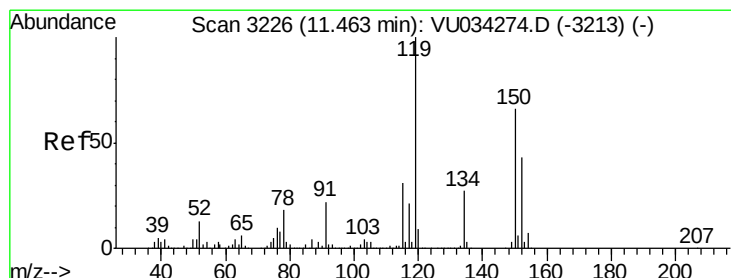
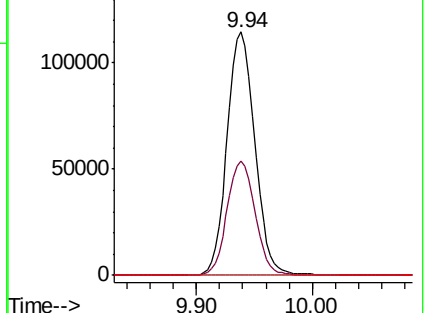
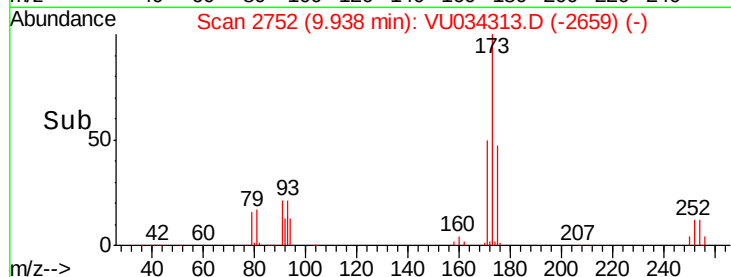
173 100

175 47.3 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: VU034313.D

Acq: 06 Sep 2019 02:47

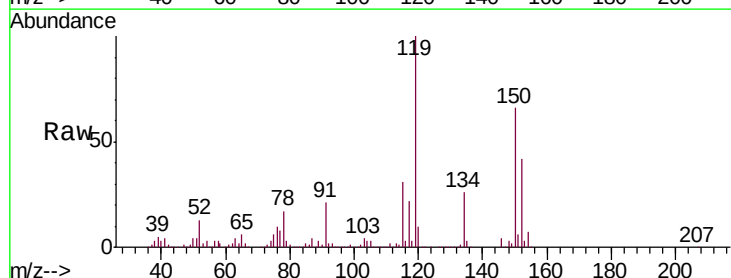
Tgt Ion:152 Resp: 311186

Ion Ratio Lower Upper

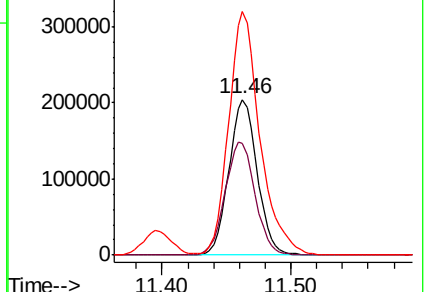
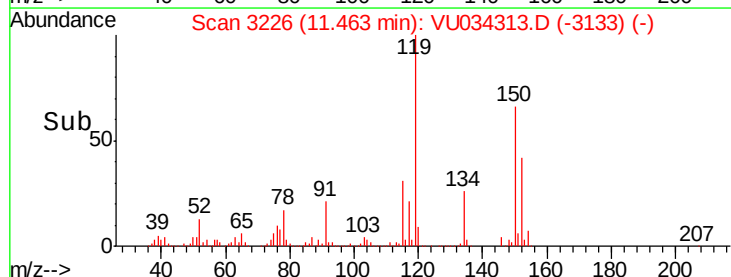
152 100

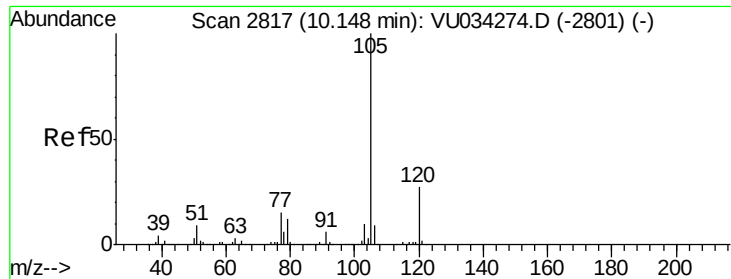
115 76.4 39.1 117.3

150 172.3 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: 49.110 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

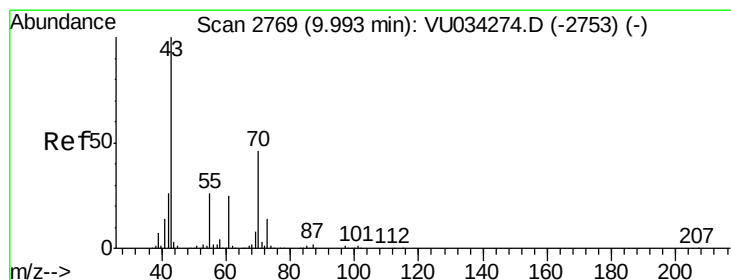
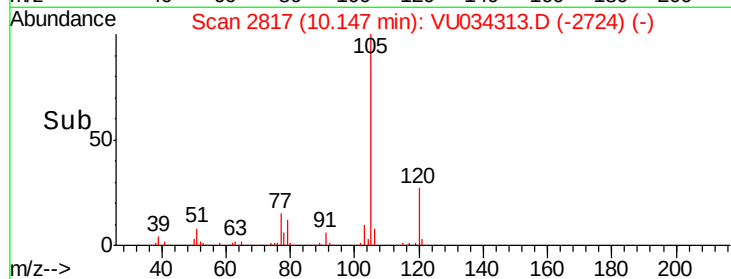
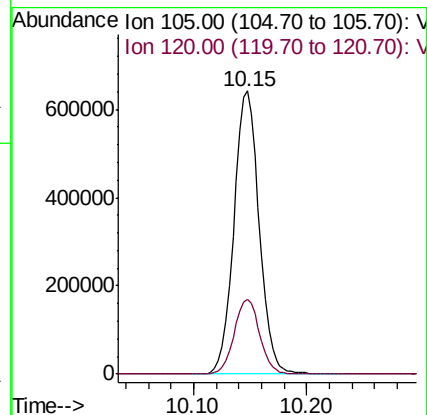
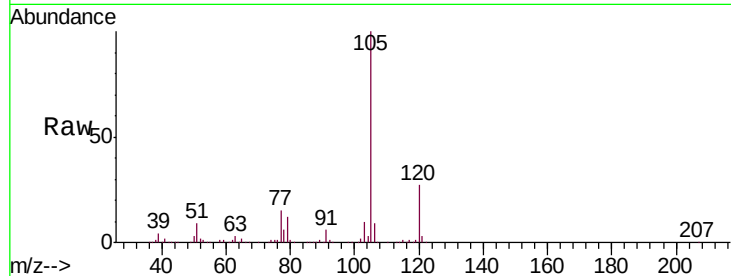
VSTDCCC050EC

Tgt Ion: 105 Resp: 994542

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 51.684 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Tgt Ion: 43 Resp: 421311

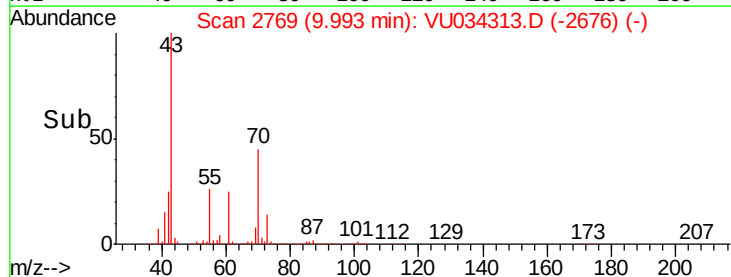
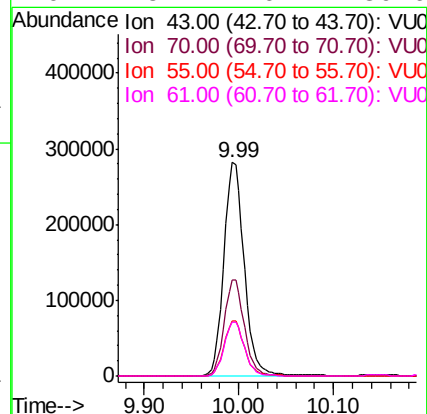
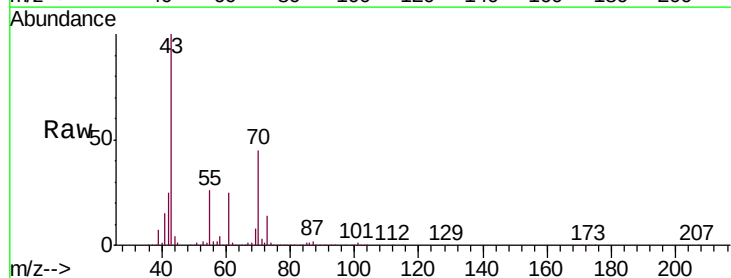
Ion Ratio Lower Upper

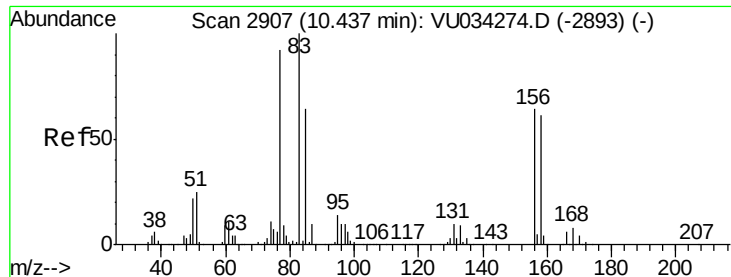
43 100

70 44.7 36.4 54.6

55 25.9 21.2 31.8

61 25.2 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.229 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

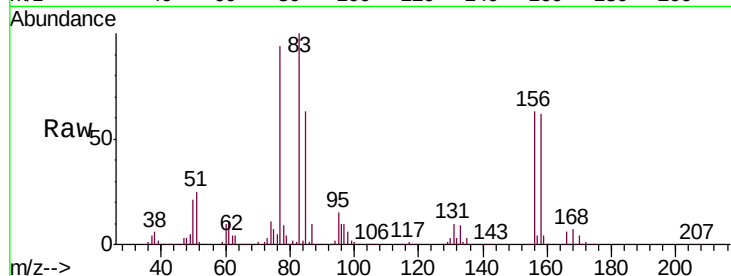
Tgt Ion: 83 Resp: 378950

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

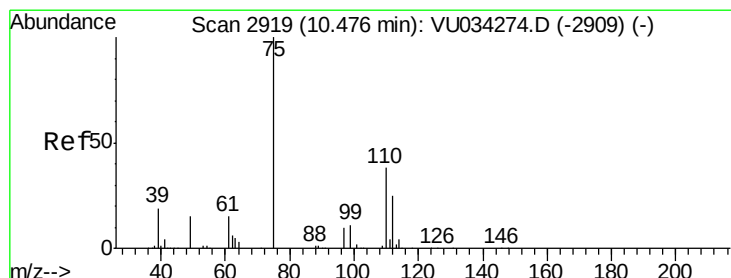
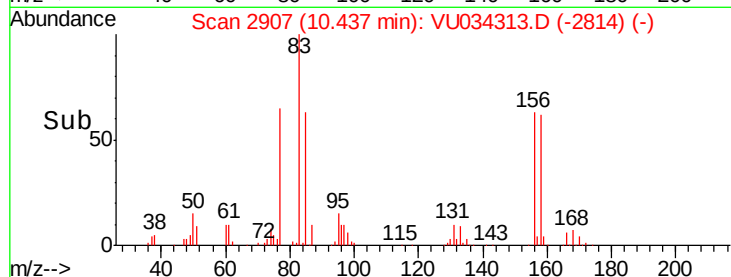
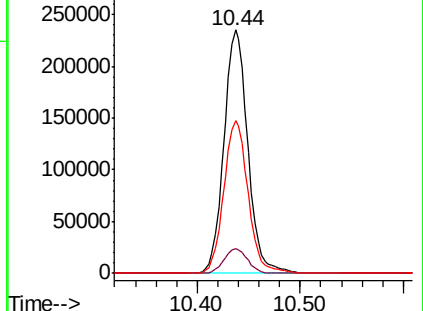
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034313.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034313.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034313.D (-2814) (-)



#76

1,2,3-Trichloropropane

Concen: 59.460 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034313.D

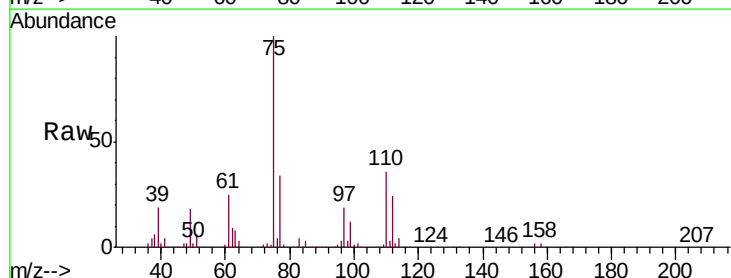
Acq: 06 Sep 2019 02:47

Tgt Ion: 75 Resp: 403892

Ion Ratio Lower Upper

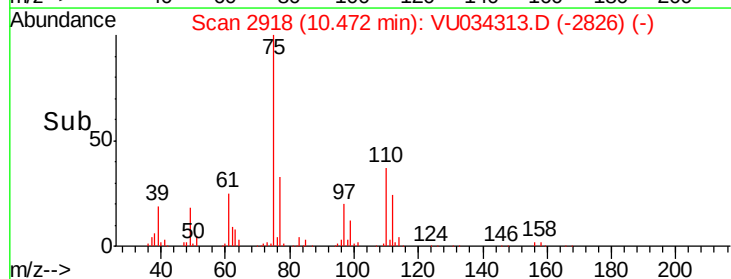
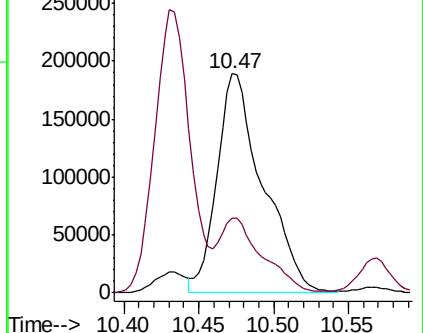
75 100

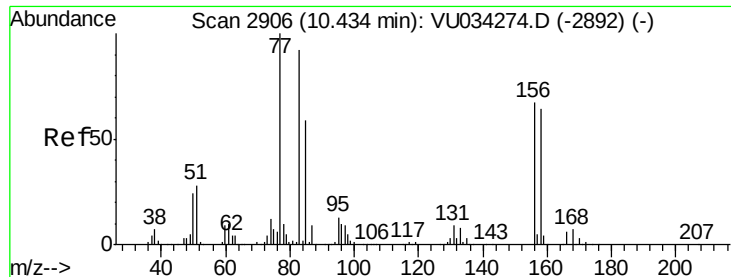
77 31.6 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034313.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034313.D (-2826) (-)





#77

Bromobenzene

Concen: 47.334 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

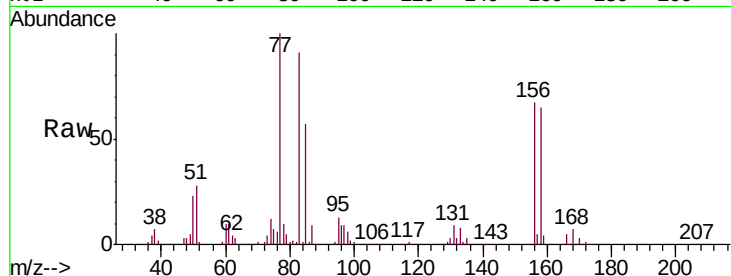
Tgt Ion:156 Resp: 268028

Ion Ratio Lower Upper

156 100

77 151.5 75.6 226.9

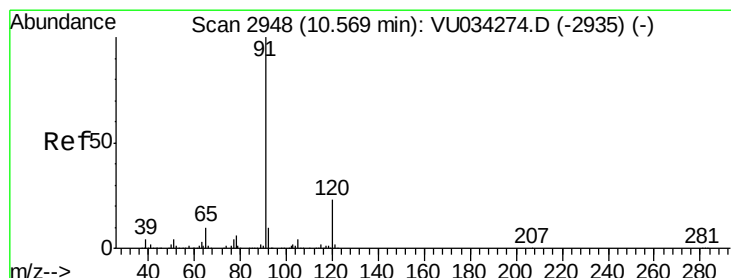
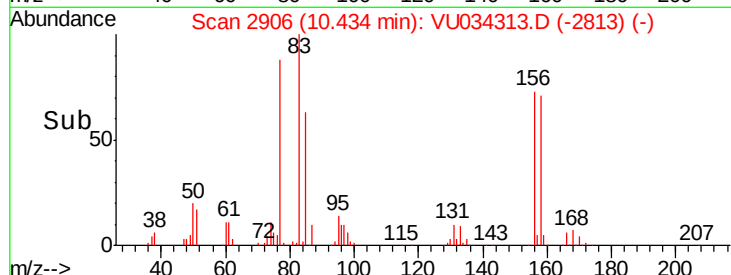
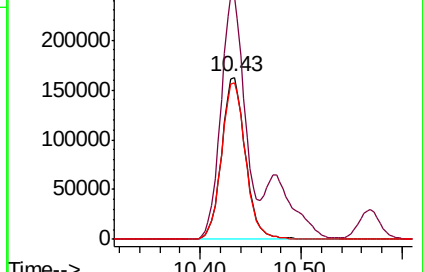
158 98.0 48.2 144.6



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: 48.901 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034313.D

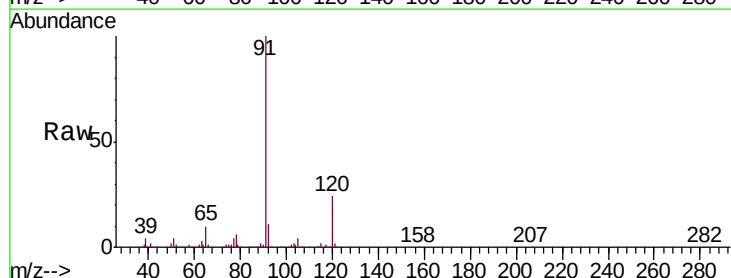
Acq: 06 Sep 2019 02:47

Tgt Ion: 91 Resp: 1143711

Ion Ratio Lower Upper

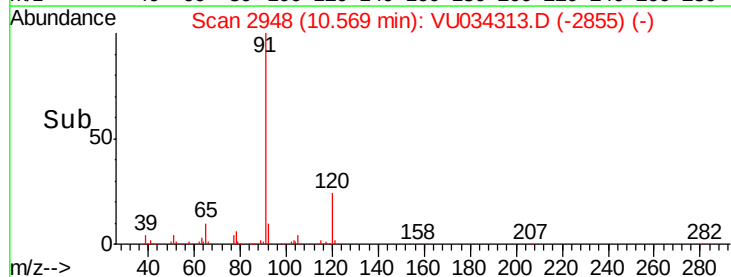
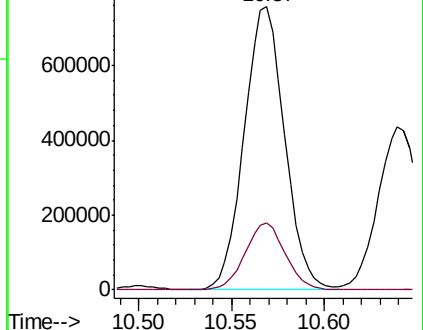
91 100

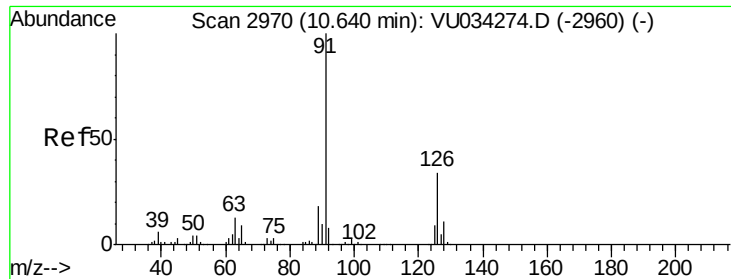
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.583 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

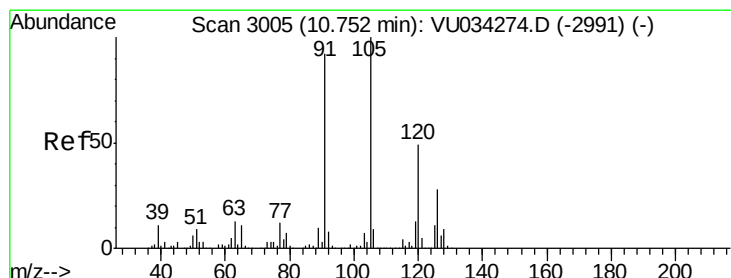
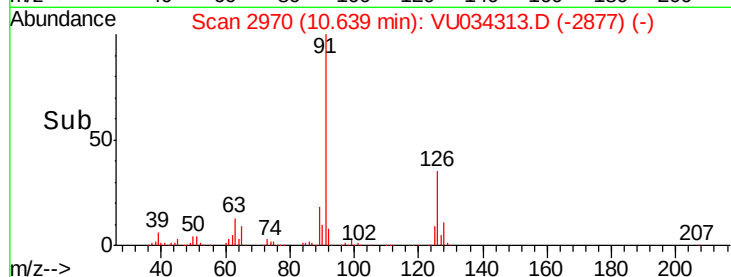
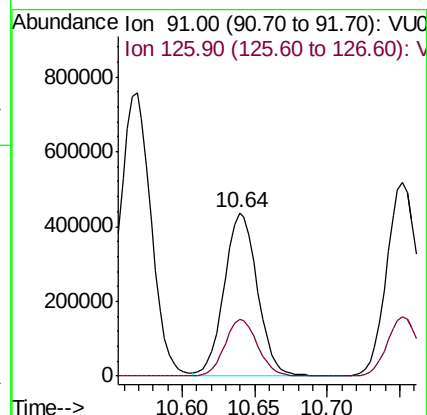
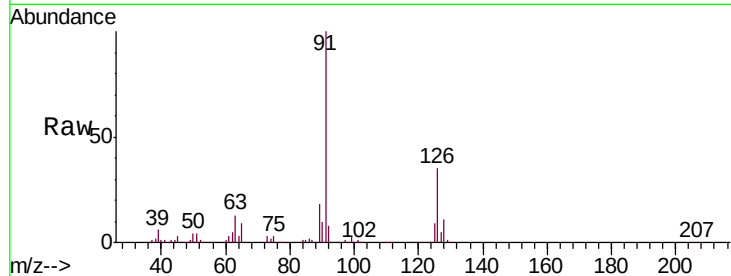
VSTDCCC050EC

Tgt Ion: 91 Resp: 693312

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 50.650 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034313.D

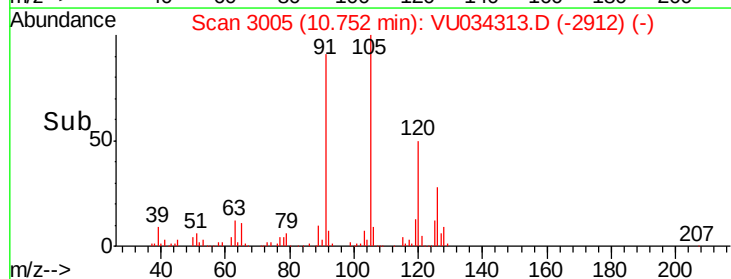
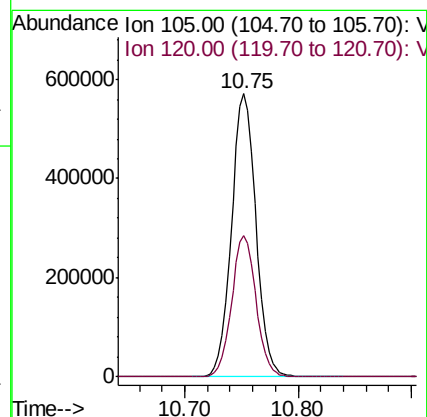
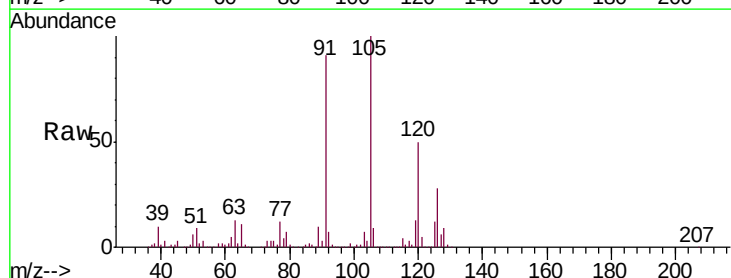
Acq: 06 Sep 2019 02:47

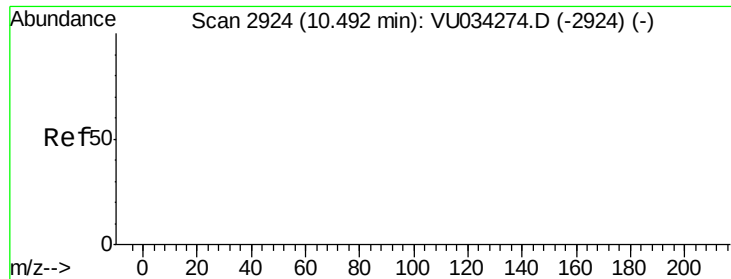
Tgt Ion: 105 Resp: 857851

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7

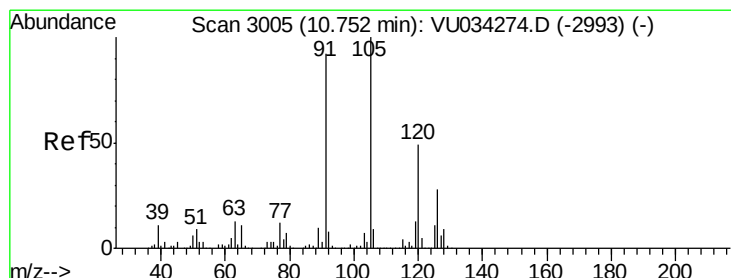
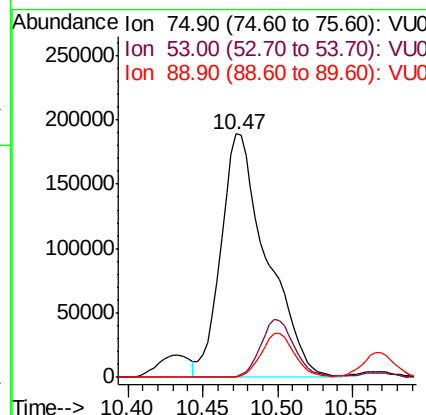
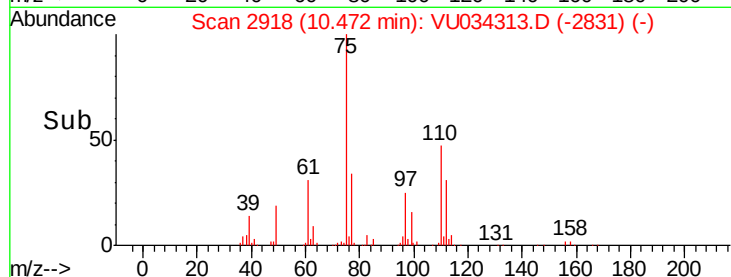
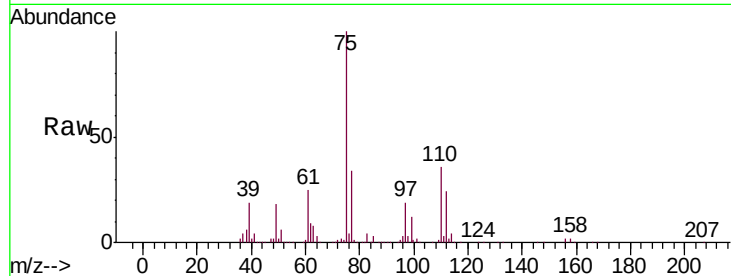




#81
trans-1,4-Dichloro-2-butene
Concen: 199.961 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

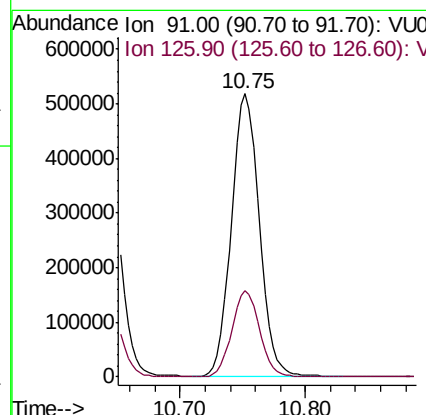
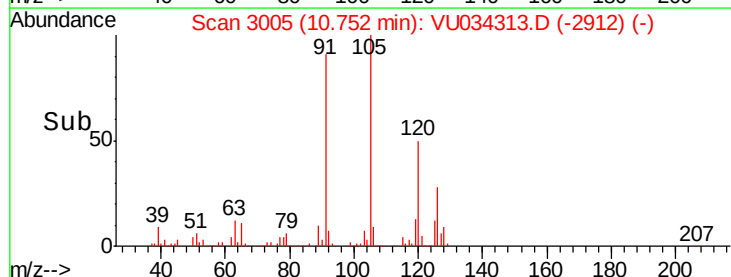
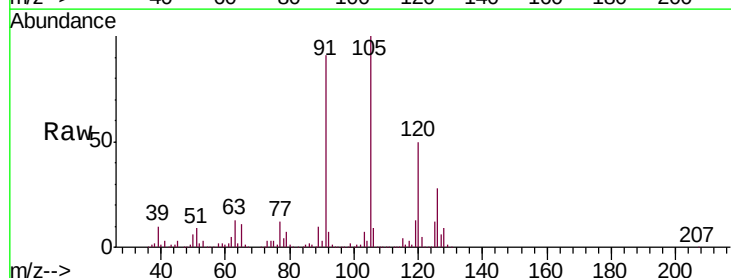
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

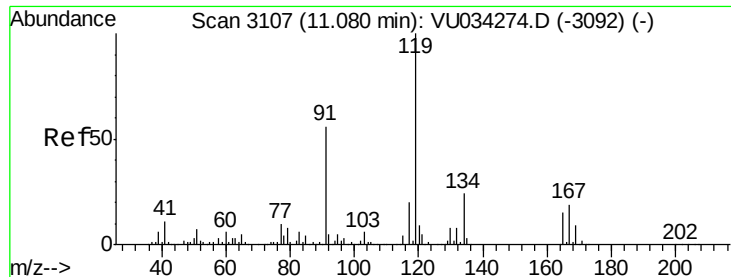
Tgt Ion: 75 Resp: 403892
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.620 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion: 91 Resp: 798465
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.8

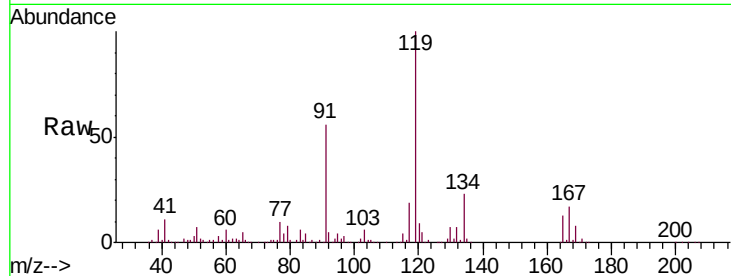




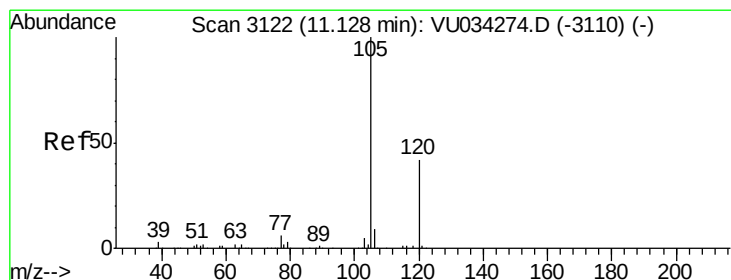
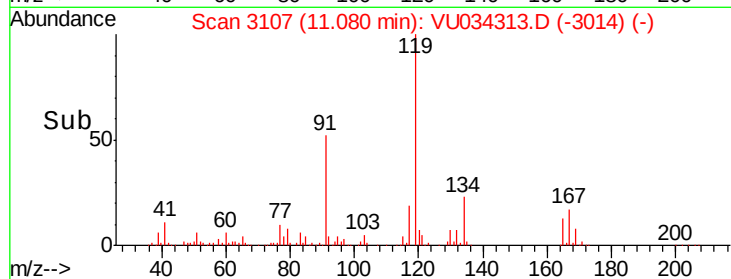
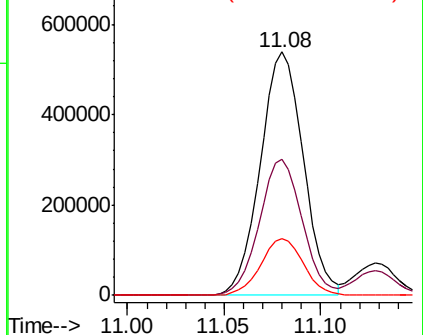
#83
 tert-Butylbenzene
 Concen: 49.217 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 833901
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.8 83.4
 134 23.1 11.7 35.0

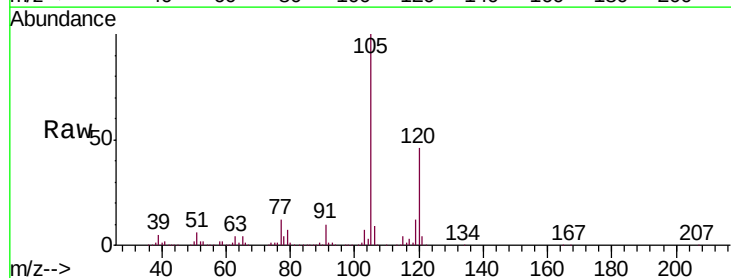


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

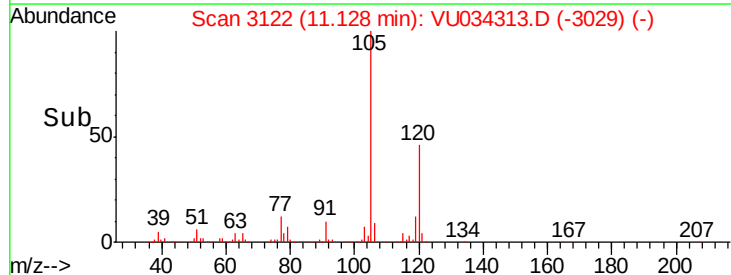
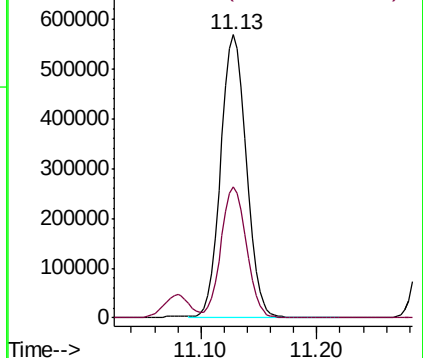


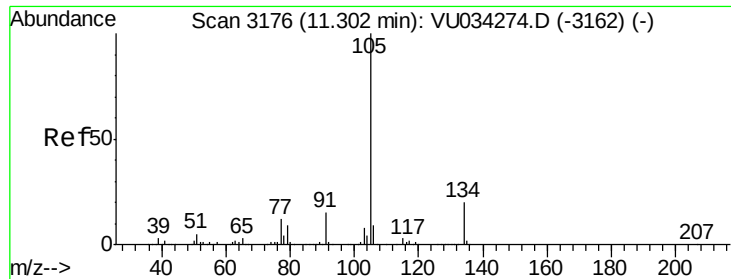
#84
 1,2,4-Trimethylbenzene
 Concen: 51.060 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion:105 Resp: 870512
 Ion Ratio Lower Upper
 105 100
 120 46.2 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: 50.273 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

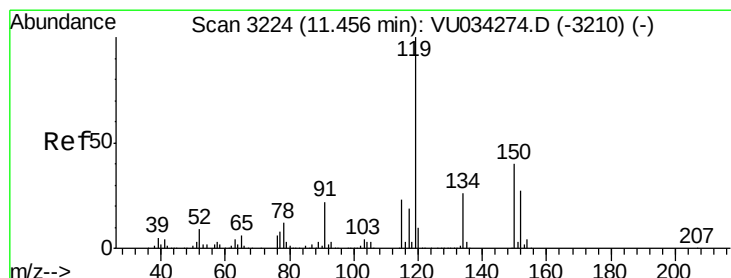
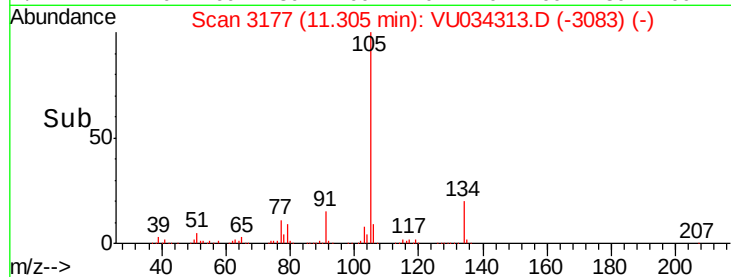
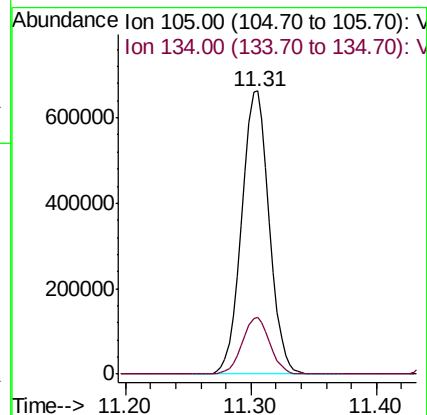
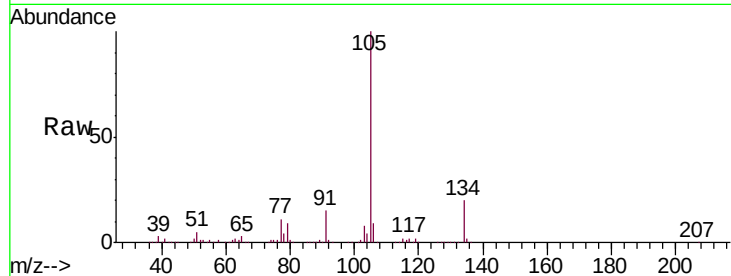
VSTDCCC050EC

Tgt Ion:105 Resp: 1005610

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 50.313 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

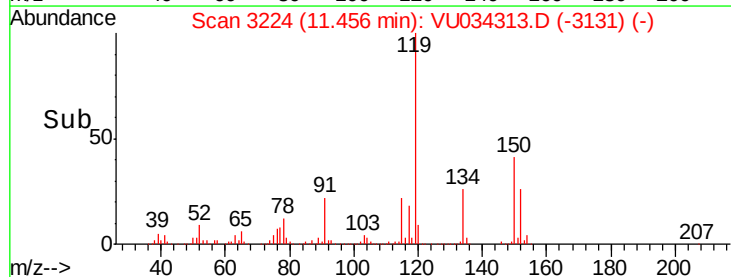
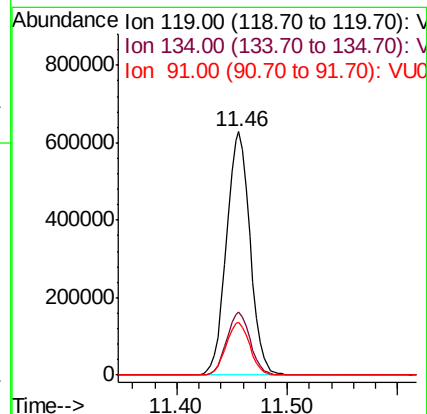
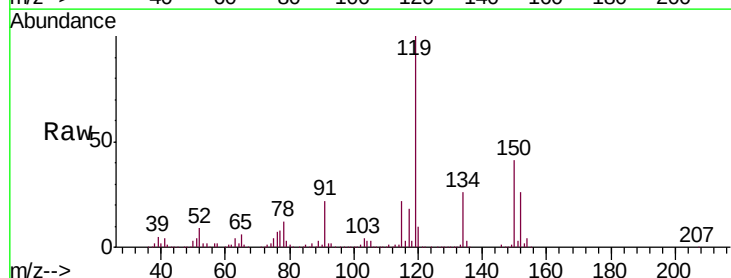
Tgt Ion:119 Resp: 928894

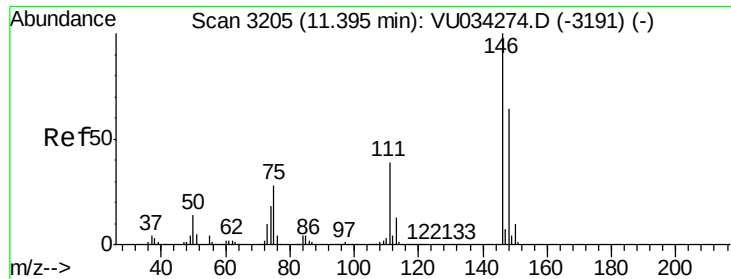
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 21.8 11.2 33.6

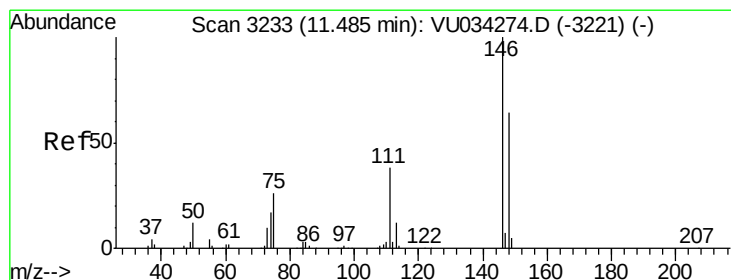
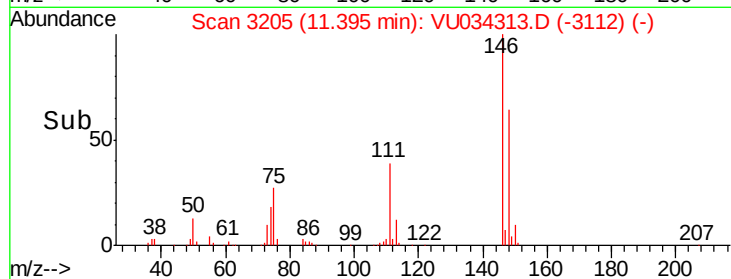
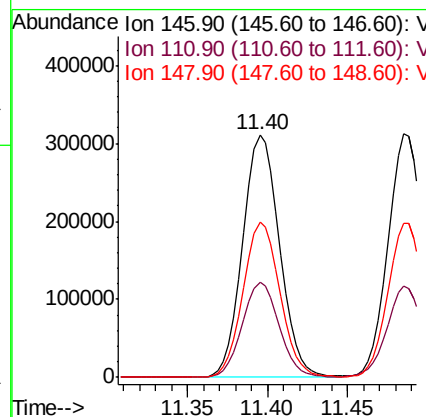
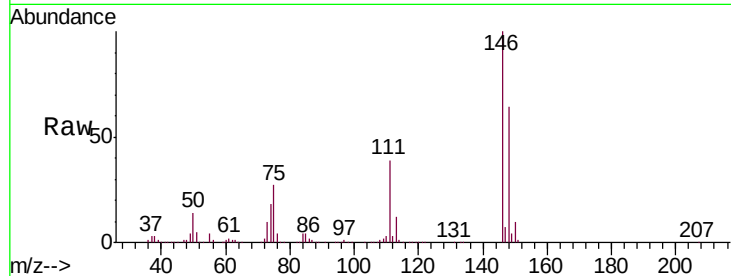




#87
 1,3-Dichlorobenzene
 Concen: 47.302 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

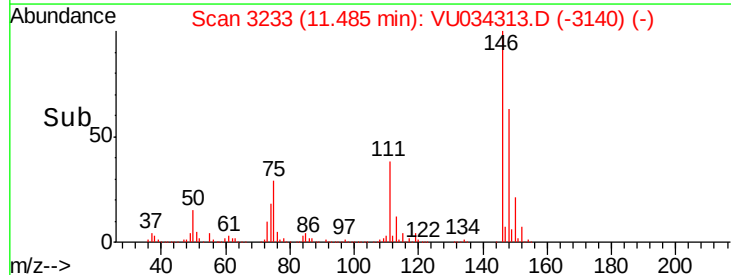
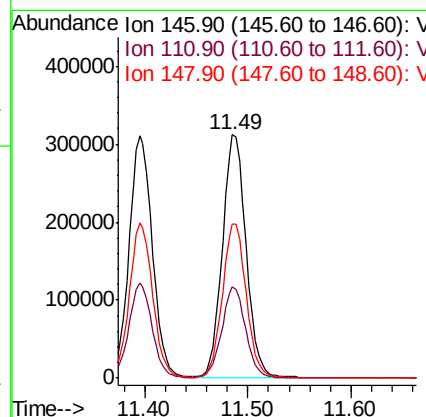
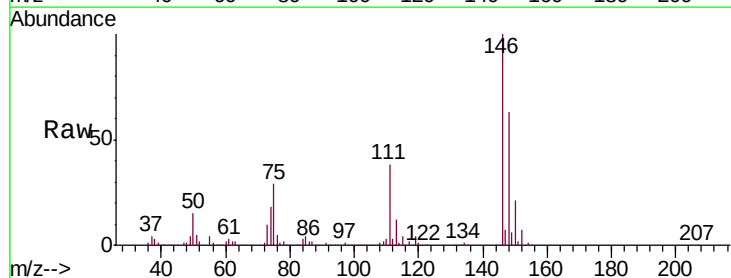
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

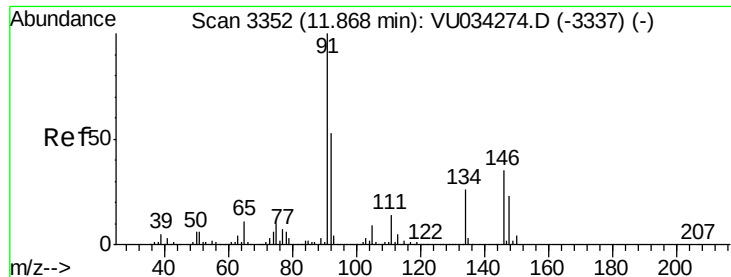
Tgt Ion:146 Resp: 488765
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.075 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion:146 Resp: 496572
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.3
 148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 50.050 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VU034313.D

Acq: 06 Sep 2019 02:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

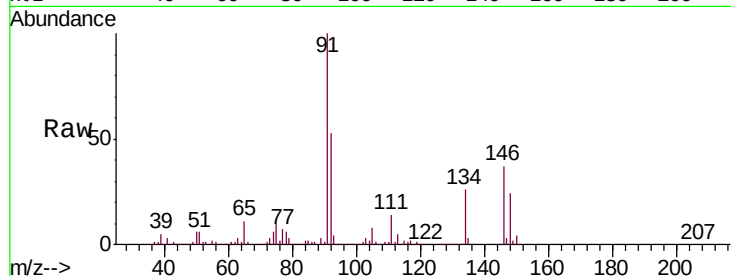
Tgt Ion: 91 Resp: 803009

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.4

134 26.4 13.2 39.6

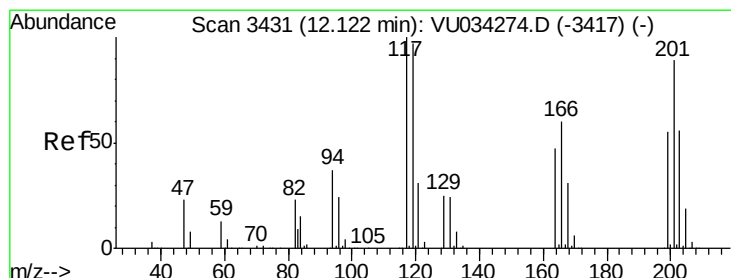
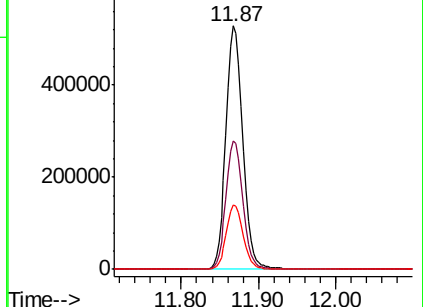
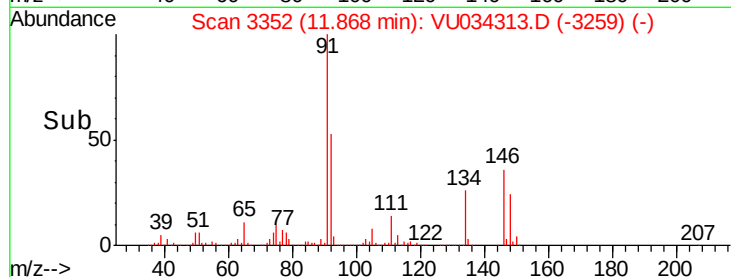


Abundance Ion 91.00 (90.70 to 91.70): VU034313.D (-3259) (-)

Ion 92.00 (91.70 to 92.70): VU034313.D (-3259) (-)

Ion 134.00 (133.70 to 134.70): VU034313.D (-3259) (-)

Time-->



#90

Hexachloroethane

Concen: 45.994 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. -0.00 min

Lab File: VU034313.D

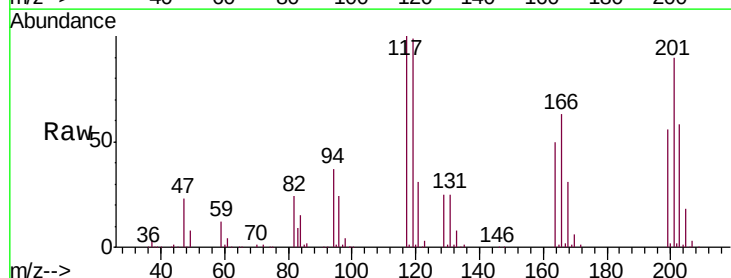
Acq: 06 Sep 2019 02:47

Tgt Ion: 117 Resp: 135856

Ion Ratio Lower Upper

117 100

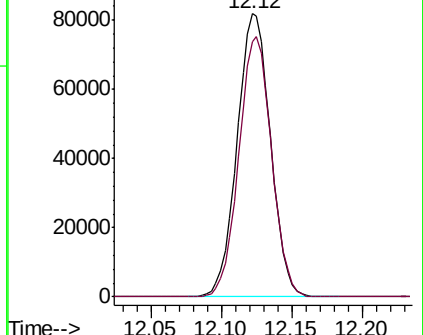
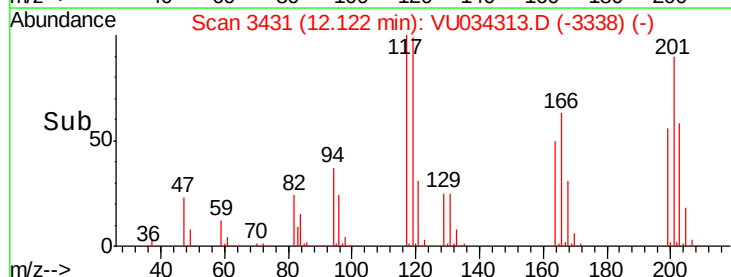
201 90.0 44.1 132.4

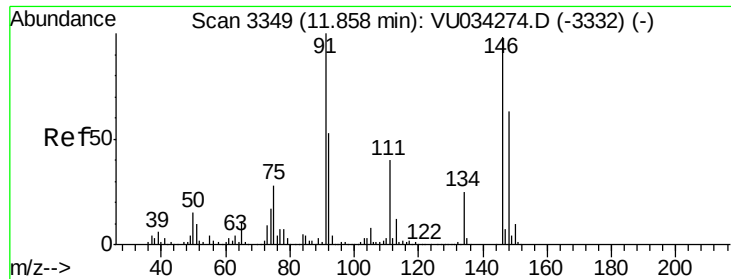


Abundance Ion 116.80 (116.50 to 117.50): VU034313.D (-3338) (-)

Ion 200.70 (200.40 to 201.40): VU034313.D (-3338) (-)

Time-->

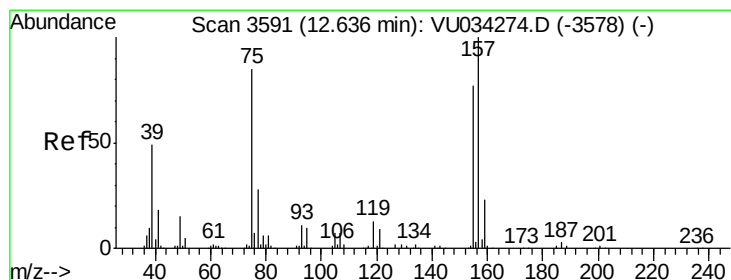
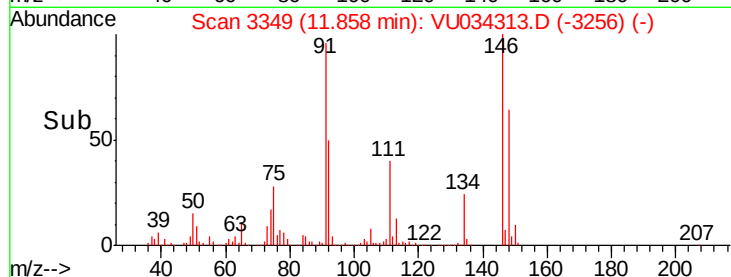
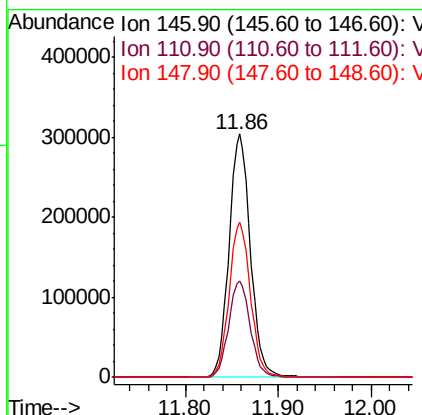
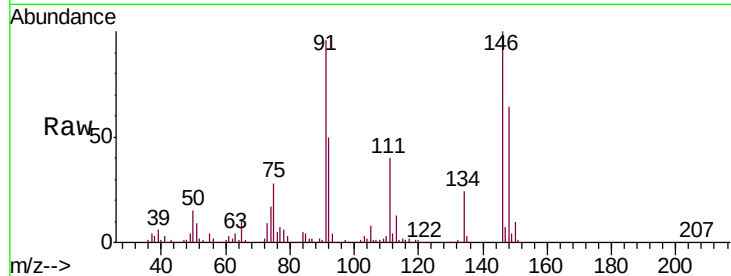




#91
 1,2-Dichlorobenzene
 Concen: 47.743 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

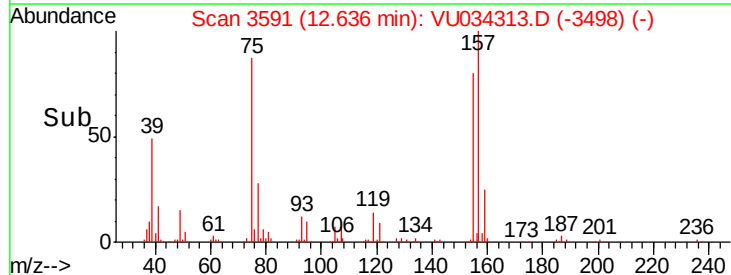
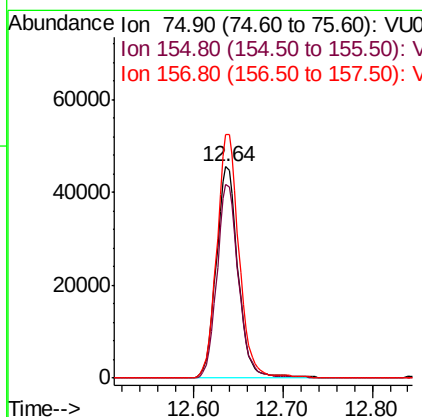
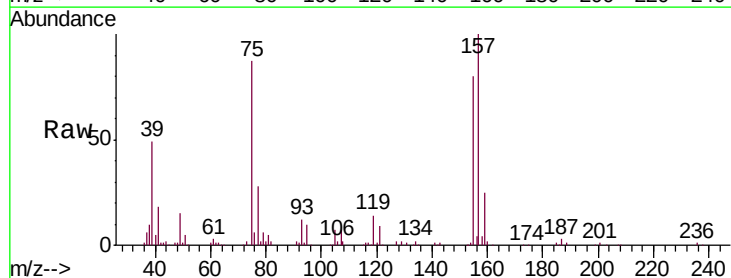
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

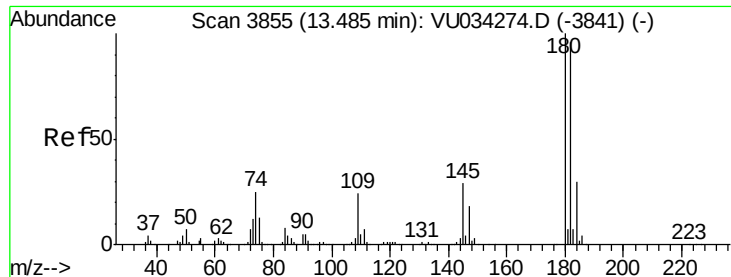
Tgt Ion:146 Resp: 484830
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.0 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.565 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion: 75 Resp: 77672
 Ion Ratio Lower Upper
 75 100
 155 89.4 44.6 134.0
 157 116.1 58.2 174.6

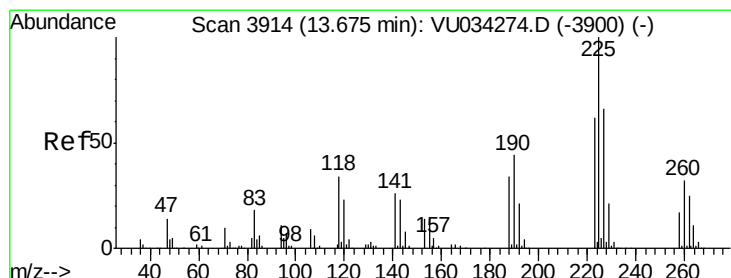
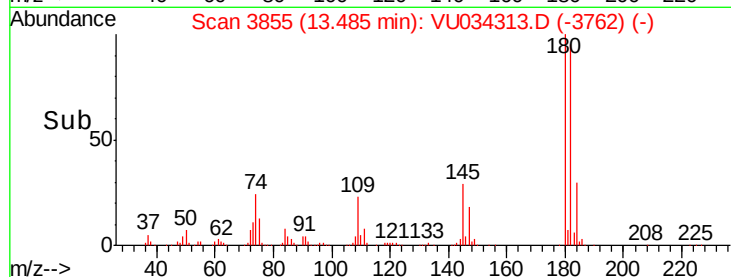
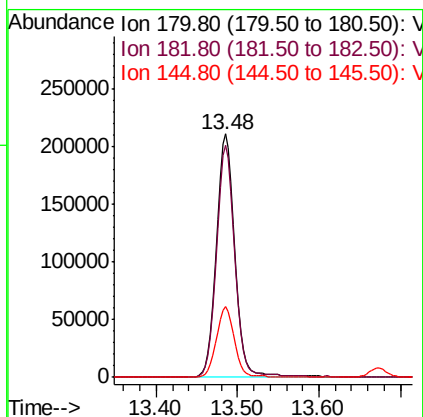
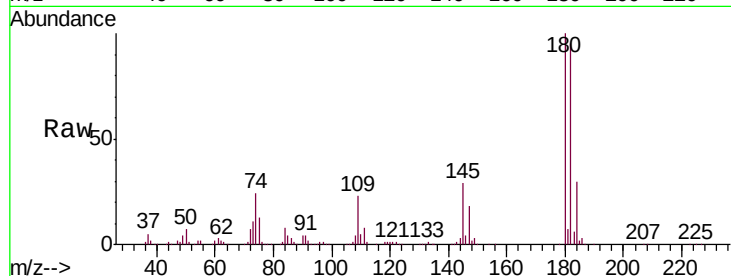




#93
 1,2,4-Trichlorobenzene
 Concen: 46.544 ug/l
 RT: 13.48 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

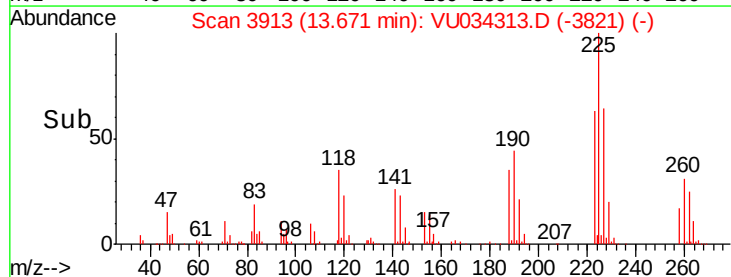
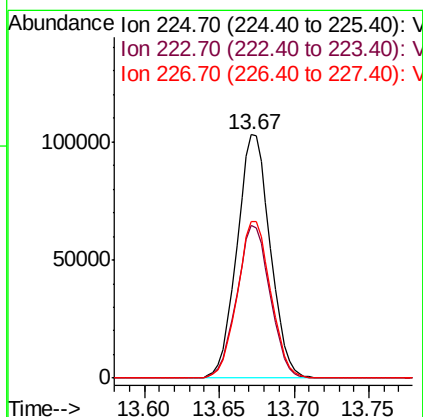
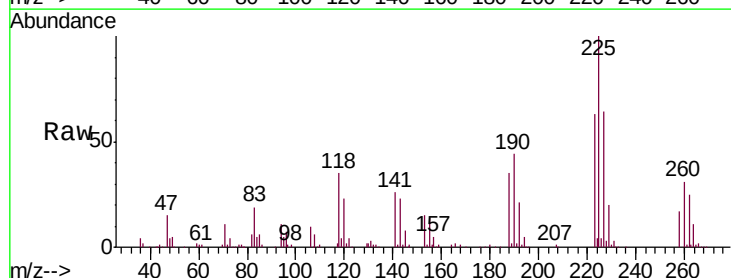
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

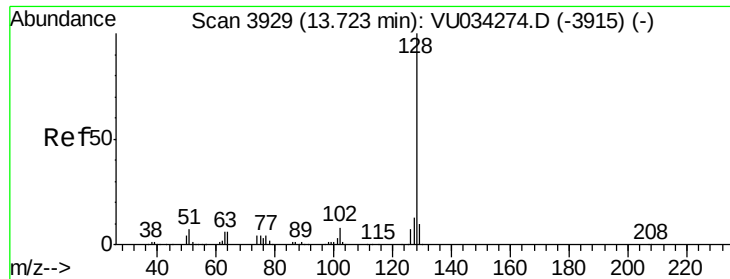
Tgt Ion:180 Resp: 340903
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.8
 145 28.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 44.864 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034313.D
 Acq: 06 Sep 2019 02:47

Tgt Ion:225 Resp: 159365
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.7
 227 64.5 32.3 96.8

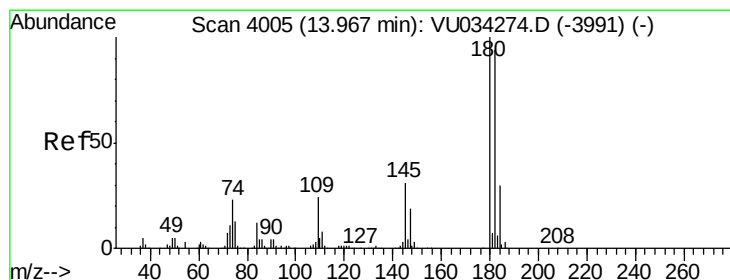
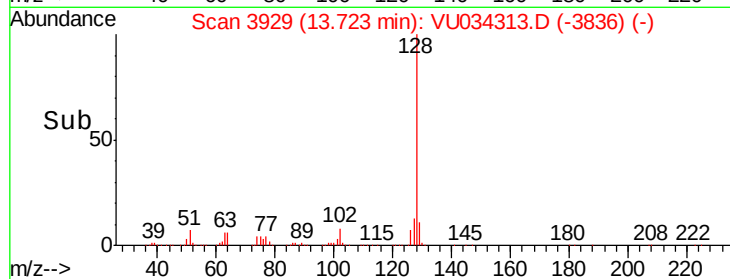
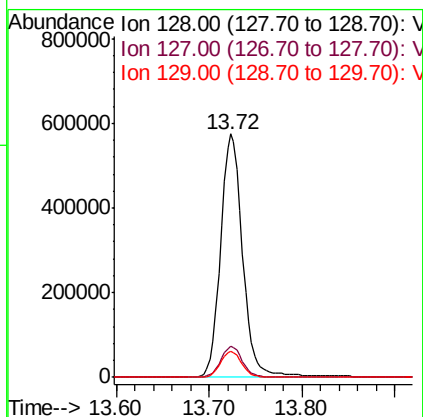
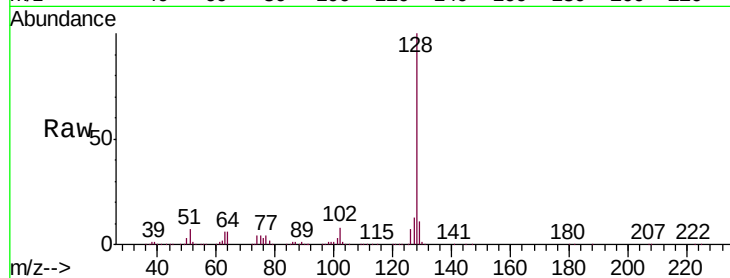




#95
Naphthalene
Concen: 46.257 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 952679
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 47.065 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034313.D
Acq: 06 Sep 2019 02:47

Tgt Ion:180 Resp: 333640
Ion Ratio Lower Upper
180 100
182 96.7 48.4 145.0
145 30.6 15.4 46.4

