

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
 Data File : VU034133.D
 Acq On : 31 Aug 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 01 04:49:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	416732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	653447	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	631960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	338273	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	259510	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	4.86	113	224288	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	7.55	98	866724	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	10.29	95	323387	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	205053	48.925	ug/l	100
3) Chloromethane	1.32	50	248754	44.199	ug/l	99
4) Vinyl Chloride	1.40	62	263363	47.213	ug/l	99
5) Bromomethane	1.61	94	145318	54.663	ug/l	100
6) Chloroethane	1.69	64	159218	46.688	ug/l	98
7) Trichlorofluoromethane	1.87	101	315183	48.764	ug/l	98
8) Diethyl Ether	2.09	74	138494	50.088	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.27	101	200335	48.926	ug/l	99
10) Methyl Iodide	2.40	142	180347	31.049	ug/l	98
11) Tert butyl alcohol	2.81	59	246078	199.840	ug/l	100
12) 1,1-Dichloroethene	2.27	96	203895	48.873	ug/l	99
13) Acrolein	2.18	56	88332	170.523	ug/l	100
14) Allyl chloride	2.58	41	333579	42.527	ug/l	92
15) Acrylonitrile	2.92	53	699291	247.482	ug/l	99
16) Acetone	2.31	43	558471	204.975	ug/l	99
17) Carbon Disulfide	2.46	76	578031	43.777	ug/l	99
18) Methyl Acetate	2.60	43	327562	46.524	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	702630	51.402	ug/l	100
20) Methylene Chloride	2.68	84	246858	47.860	ug/l	97
21) trans-1,2-Dichloroethene	2.96	96	221769	48.980	ug/l	99
22) Diisopropyl ether	3.55	45	741397	51.582	ug/l	98
23) Vinyl Acetate	3.50	43	3118097	252.537	ug/l	100
24) 1,1-Dichloroethane	3.42	63	429140	50.571	ug/l	100
25) 2-Butanone	4.23	43	902371	238.054	ug/l	99
26) 2,2-Dichloropropane	4.20	77	302154	43.759	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	253696	49.920	ug/l	98
28) Bromochloromethane	4.52	49	210783	50.417	ug/l	99
29) Tetrahydrofuran	4.61	42	579109	247.729	ug/l	99
30) Chloroform	4.65	83	412539	48.726	ug/l	100
31) Cyclohexane	4.97	56	365337	45.818	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	342701	49.422	ug/l	100
36) 1,1-Dichloropropene	5.11	75	307122	49.690	ug/l	98
37) Ethyl Acetate	4.36	43	331986	47.965	ug/l	99
38) Carbon Tetrachloride	5.11	117	297985	49.947	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	344064	47.230	ug/l	99
40) Benzene	5.37	78	932282	49.854	ug/l	100
41) Methacrylonitrile	4.52	41	182721	51.476	ug/l	100
42) 1,2-Dichloroethane	5.38	62	322562	49.952	ug/l	98
43) Isopropyl Acetate	5.53	43	520425	49.424	ug/l	100
44) Trichloroethene	6.17	130	251981	51.313	ug/l	95
45) 1,2-Dichloropropane	6.41	63	260437	50.593	ug/l	99
46) Dibromomethane	6.54	93	165075	49.774	ug/l	100
47) Bromodichloromethane	6.74	83	328531	50.632	ug/l	100
48) Methyl methacrylate	6.60	41	251176	49.433	ug/l	98
49) 1,4-Dioxane	6.59	88	96689	759.466	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1748825	240.489	ug/l	99
52) Toluene	7.62	92	591248	51.325	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	353772	49.137	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	394180	50.114	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	241747	49.612	ug/l	99
56) Ethyl methacrylate	8.00	69	363469	45.067	ug/l	99
57) 1,3-Dichloropropane	8.22	76	414551	50.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	622357	230.867	ug/l	98
59) 2-Hexanone	8.34	43	1323520	241.093	ug/l	100
60) Dibromochloromethane	8.46	129	264028	50.478	ug/l	99
61) 1,2-Dibromoethane	8.57	107	251012	48.902	ug/l	100
64) Tetrachloroethene	8.21	164	227308	53.560	ug/l	97
65) Chlorobenzene	9.10	112	656296	50.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	230844	48.951	ug/l	99
67) Ethyl Benzene	9.23	91	1124983	51.030	ug/l	99
68) m/p-Xylenes	9.36	106	871667	103.986	ug/l	100
69) o-Xylene	9.76	106	414033	51.483	ug/l	99
70) Styrene	9.77	104	736467	53.409	ug/l	100
71) Bromoform	9.94	173	198066	48.341	ug/l #	99
73) Isopropylbenzene	10.15	105	1122126	49.386	ug/l	100
74) N-amyl acetate	10.00	43	472970	49.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	399028	45.883	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	434966	57.052	ug/l	87
77) Bromobenzene	10.43	156	295458	48.339	ug/l	99
78) n-propylbenzene	10.57	91	1321167	49.928	ug/l	100
79) 2-Chlorotoluene	10.64	91	768169	48.398	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	968489	50.290	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	436293	192.693	ug/l #	100
82) 4-Chlorotoluene	10.75	91	905142	49.587	ug/l	99
83) tert-Butylbenzene	11.08	119	912137	48.113	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	978098	51.148	ug/l	99
85) sec-Butylbenzene	11.31	105	1111265	48.907	ug/l	100
86) p-Isopropyltoluene	11.46	119	1027983	50.022	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	536309	49.563	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	536977	49.069	ug/l	99
89) n-Butylbenzene	11.87	91	923552	50.973	ug/l	100
90) Hexachloroethane	12.13	117	151494	42.638	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	528091	50.947	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.64	75	81545	47.066	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

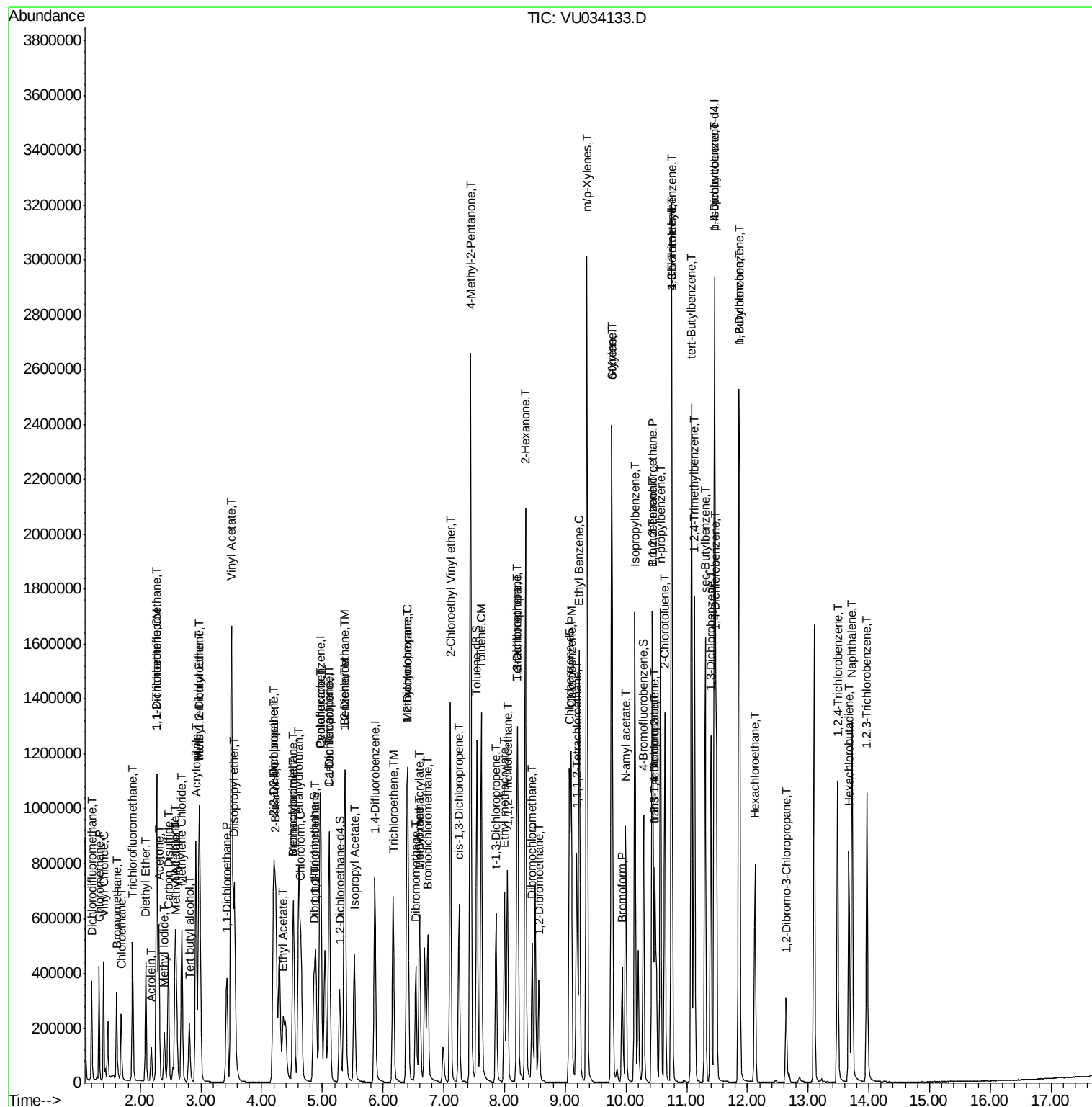
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	367672	49.871	ug/l	99
94) Hexachlorobutadiene	13.67	225	168424	41.536	ug/l	98
95) Naphthalene	13.72	128	1083157	51.253	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	364853	54.948	ug/l	100

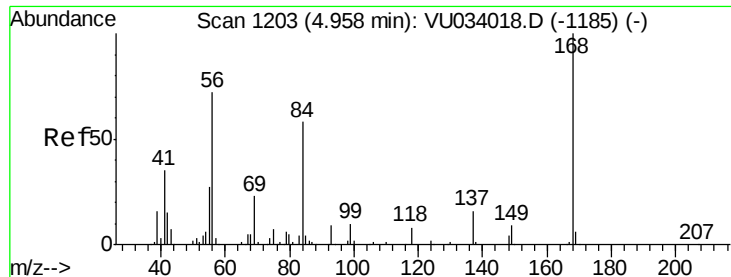
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

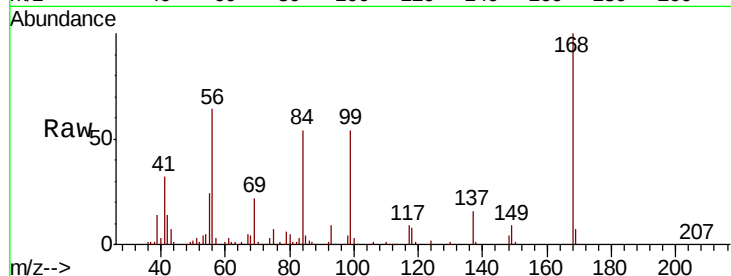
VSTDCCC050

Tgt Ion:168 Resp: 416732

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



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

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

4.96

200000

150000

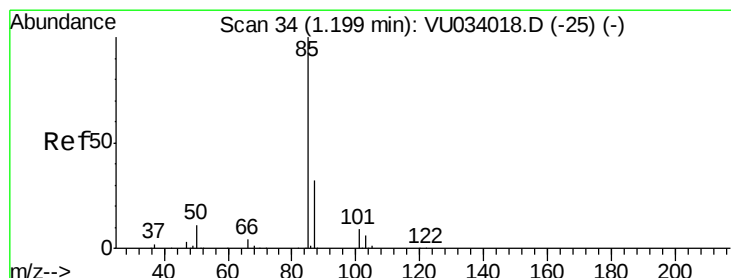
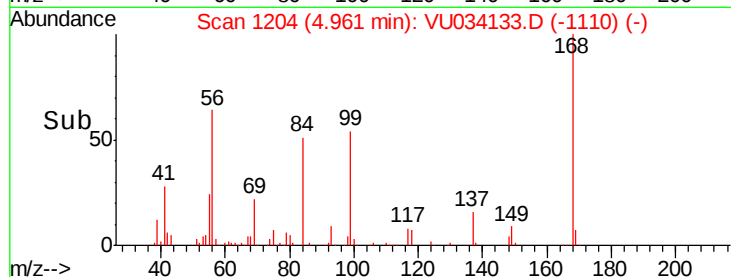
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.925 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034133.D

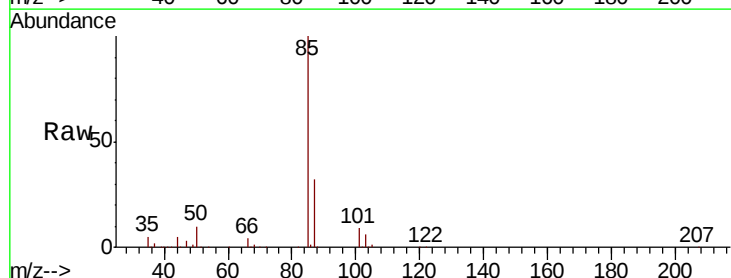
Acq: 31 Aug 2019 19:57

Tgt Ion: 85 Resp: 205053

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



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

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

1.20

200000

150000

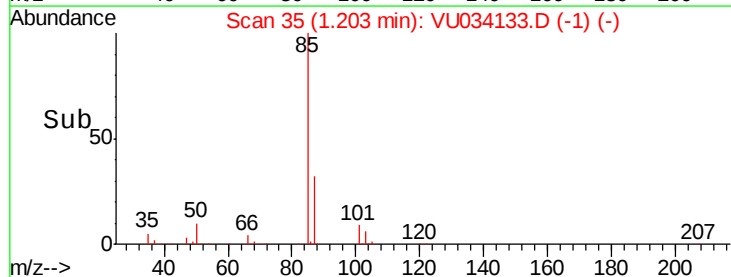
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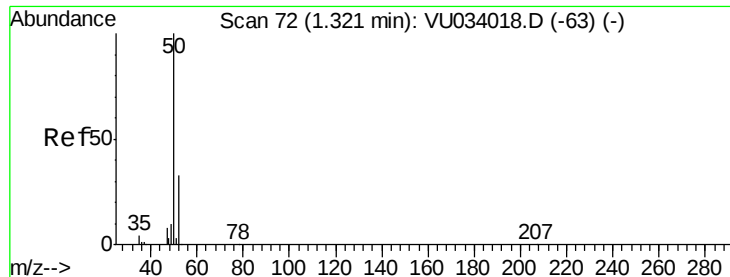
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 44.199 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

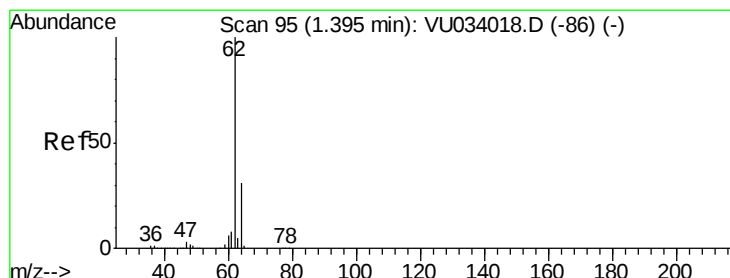
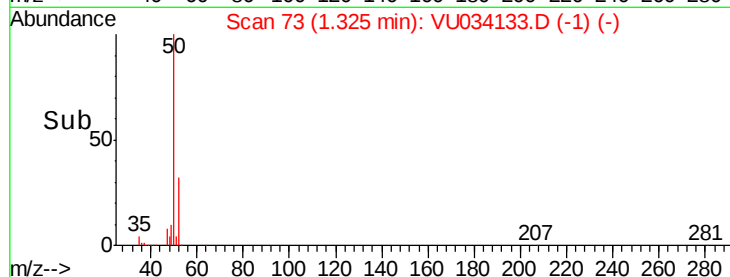
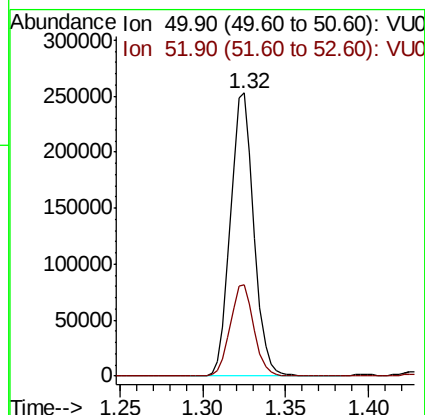
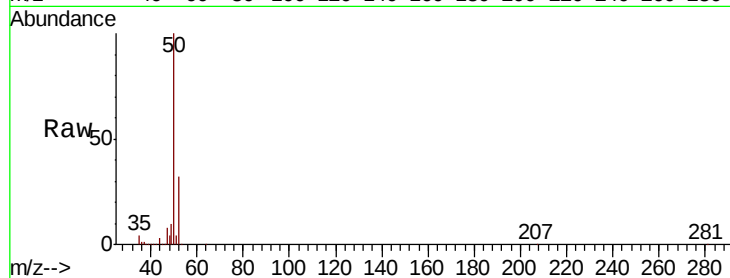
VSTDCCC050

Tgt Ion: 50 Resp: 248754

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



#4

Vinyl Chloride

Concen: 47.213 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034133.D

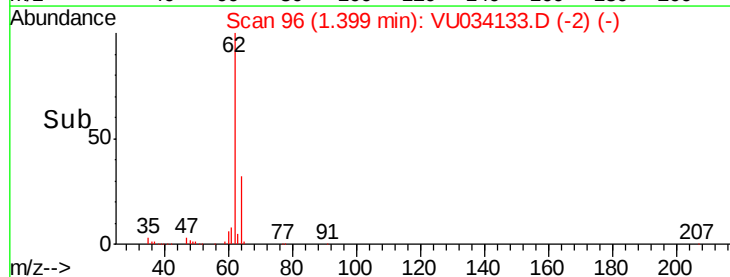
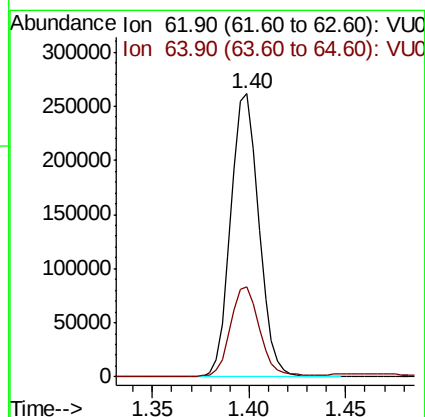
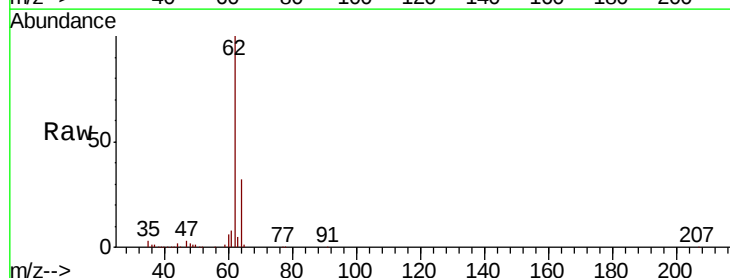
Acq: 31 Aug 2019 19:57

Tgt Ion: 62 Resp: 263363

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.6





#5

Bromomethane

Concen: 54.663 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

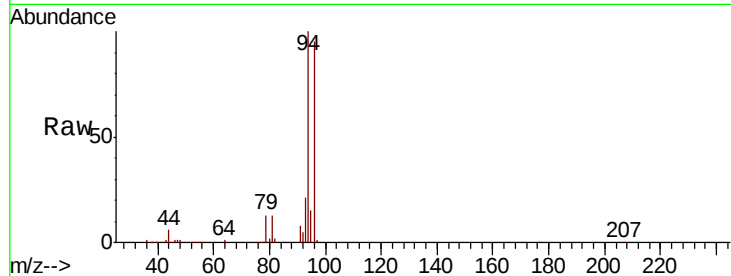
VSTDCCC050

Tgt Ion: 94 Resp: 145318

Ion Ratio Lower Upper

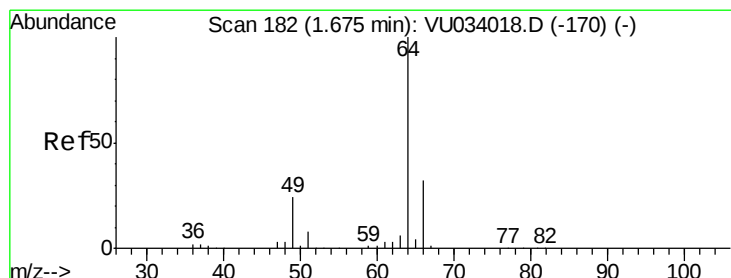
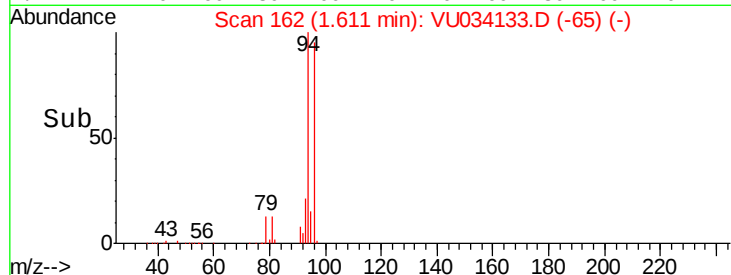
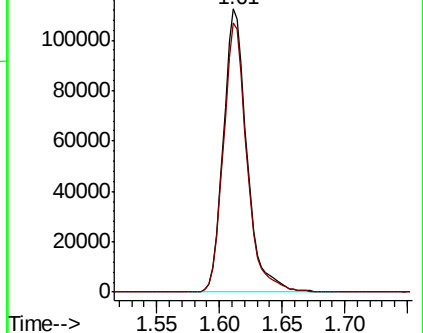
94 100

96 95.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034133.D (-65) (-)

Ion 95.90 (95.60 to 96.60): VU034133.D (-65) (-)



#6

Chloroethane

Concen: 46.688 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034133.D

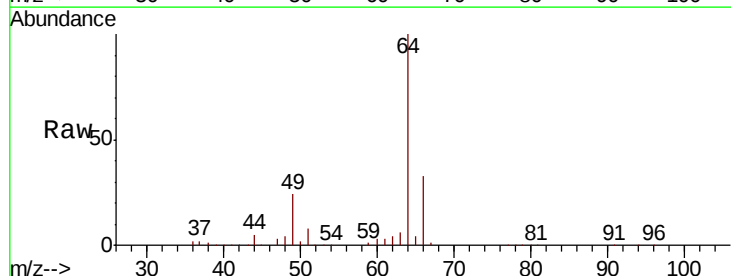
Acq: 31 Aug 2019 19:57

Tgt Ion: 64 Resp: 159218

Ion Ratio Lower Upper

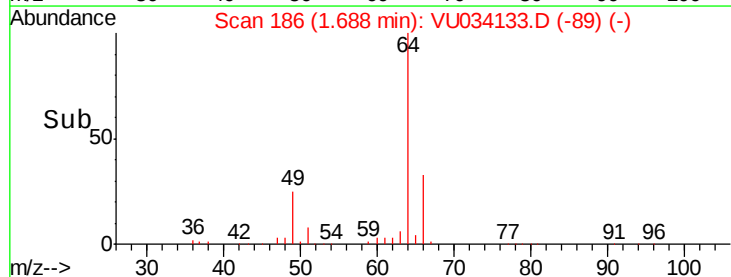
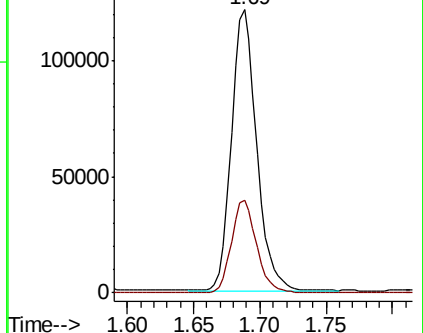
64 100

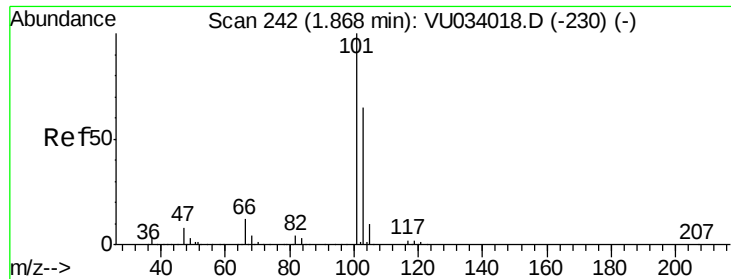
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034133.D (-89) (-)

Ion 65.90 (65.60 to 66.60): VU034133.D (-89) (-)



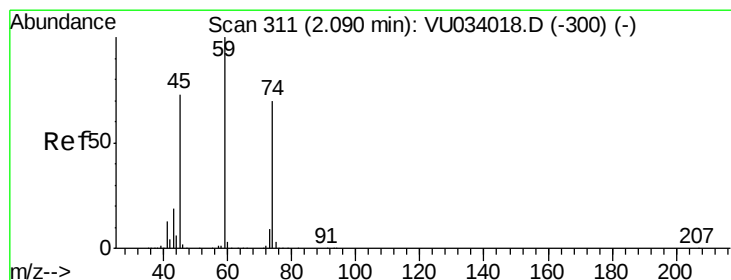
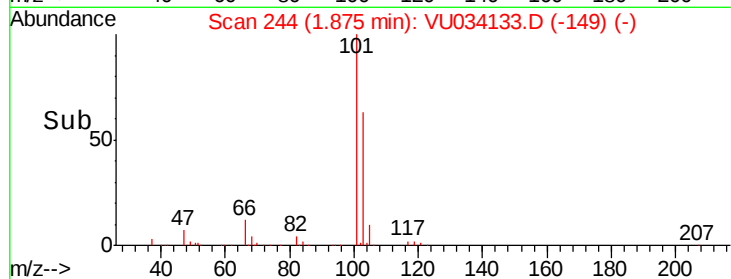
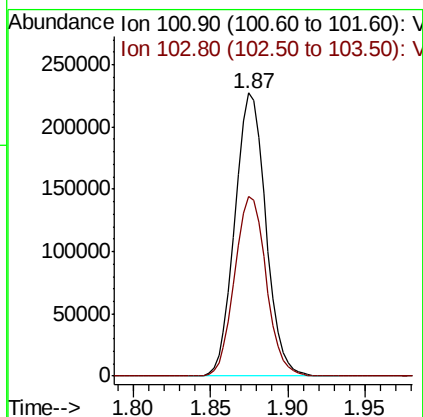
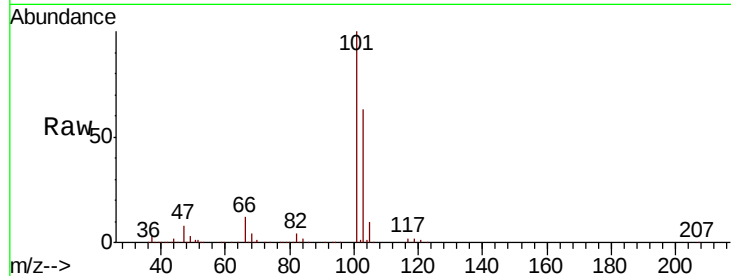


#7

Trichlorofluoromethane
 Concen: 48.764 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

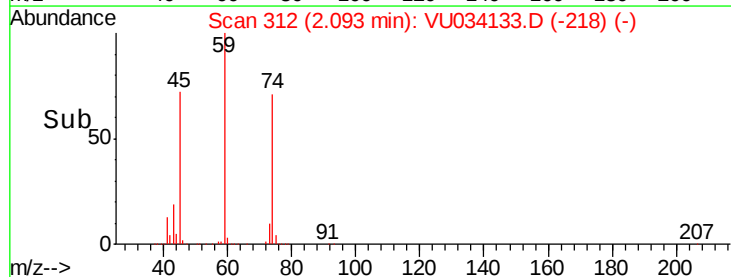
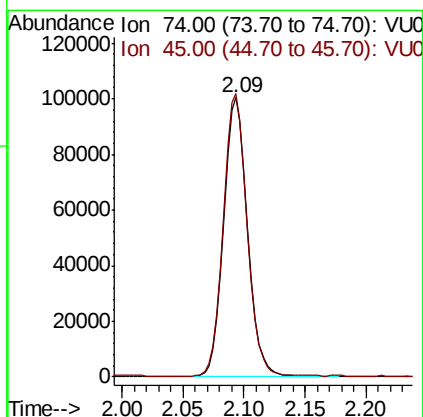
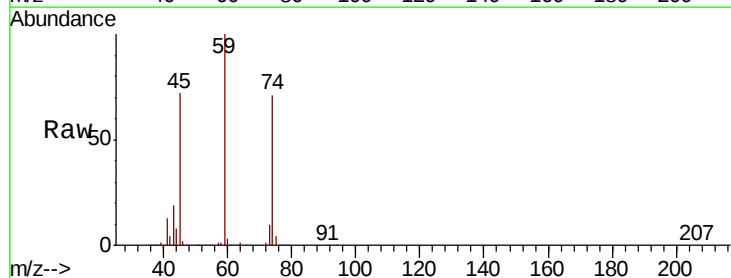
Tgt Ion: 101 Resp: 315183
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.1 78.1



#8

Diethyl Ether
 Concen: 50.088 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 74 Resp: 138494
 Ion Ratio Lower Upper
 74 100
 45 101.1 51.8 155.5

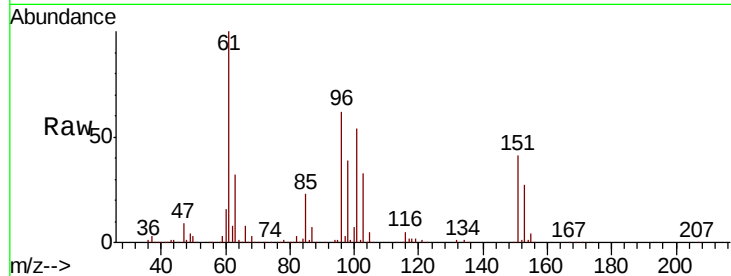




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.926 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

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 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.2	51.2
151	78.0	61.4	92.2

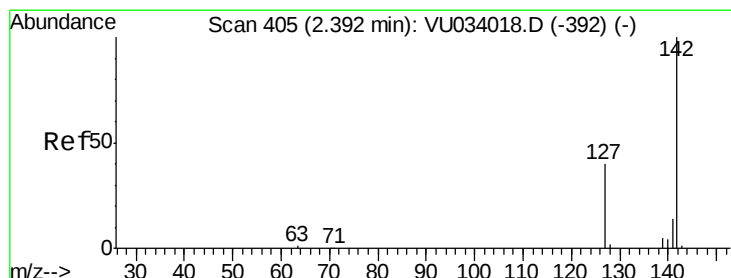
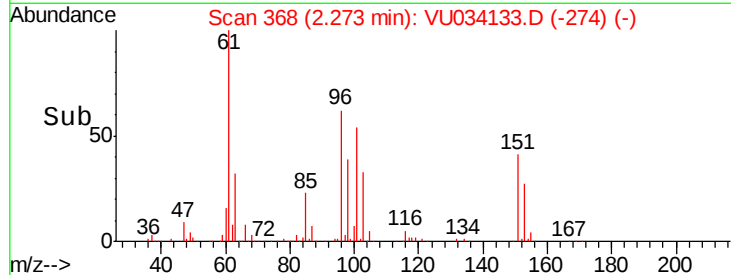
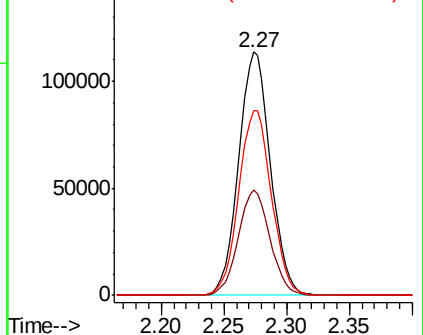


Abundance

Ion 100.90 (100.60 to 101.60): V

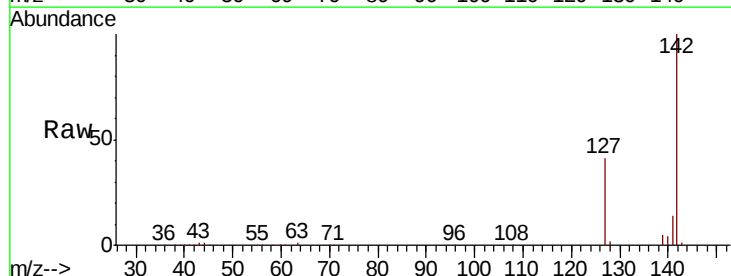
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 31.049 ug/l
 RT: 2.40 min Scan# 407
 Delta R.T. 0.01 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	32.6	48.8
141	14.6	11.3	16.9

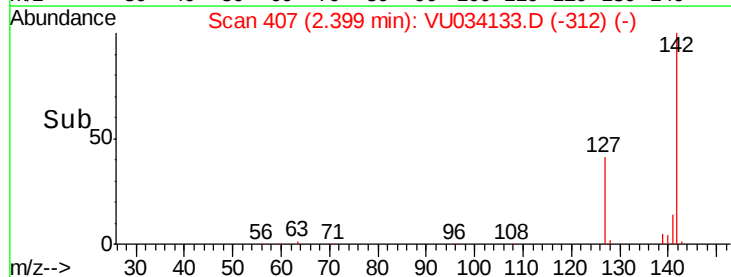
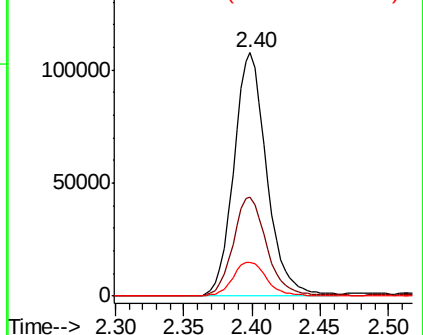


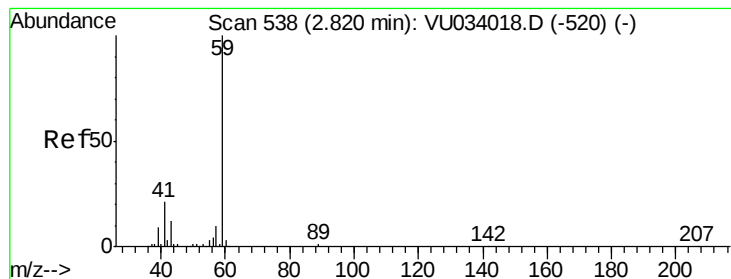
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



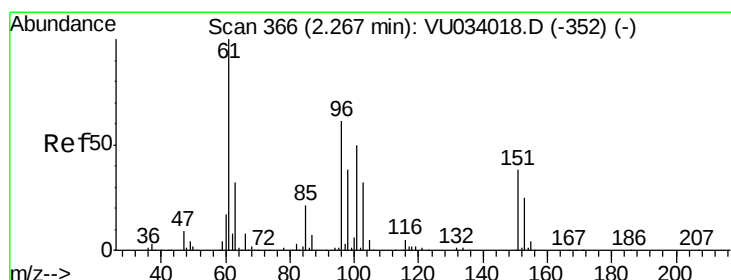
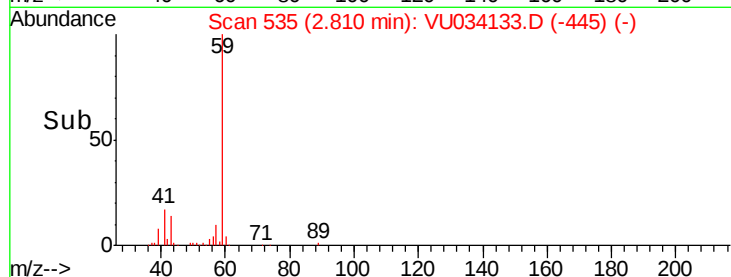
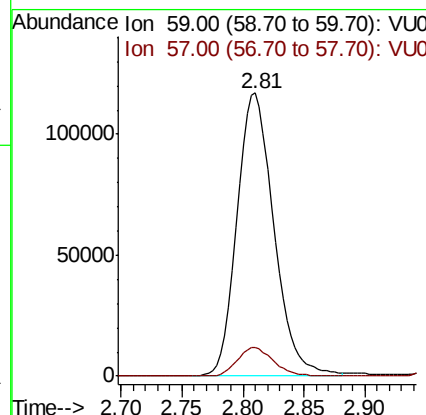
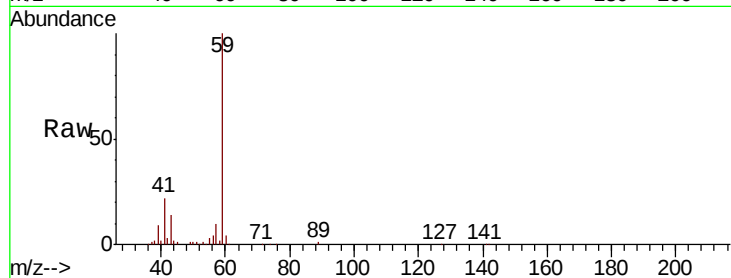


#11

Tert butyl alcohol
 Concen: 199.840 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

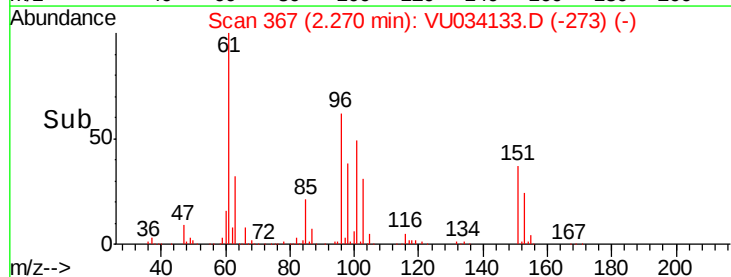
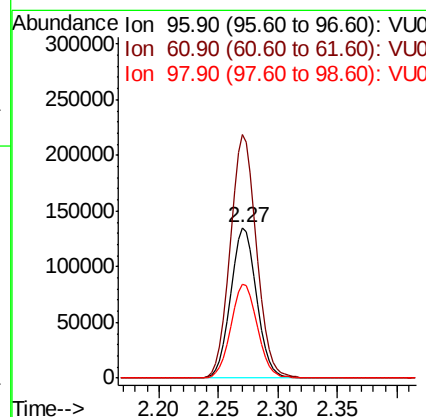
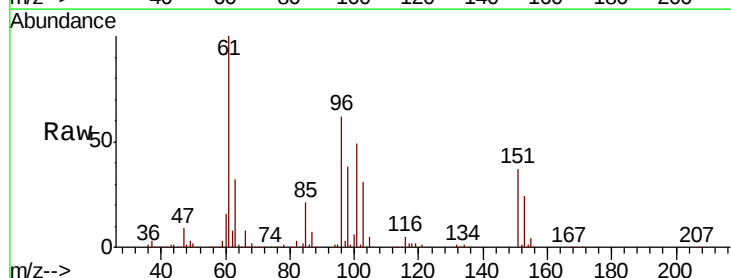
Tgt Ion: 59 Resp: 246078
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

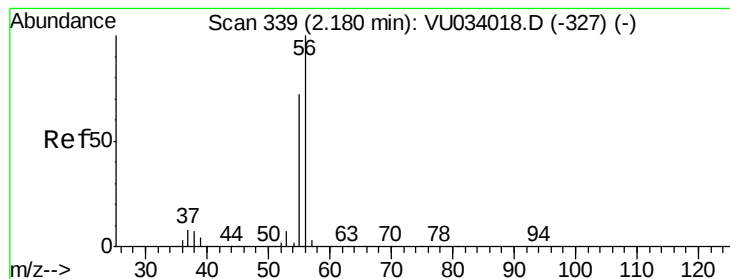


#12

1,1-Dichloroethene
 Concen: 48.873 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 96 Resp: 203895
 Ion Ratio Lower Upper
 96 100
 61 162.0 131.3 196.9
 98 62.4 50.3 75.5





#13

Acrolein

Concen: 170.523 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

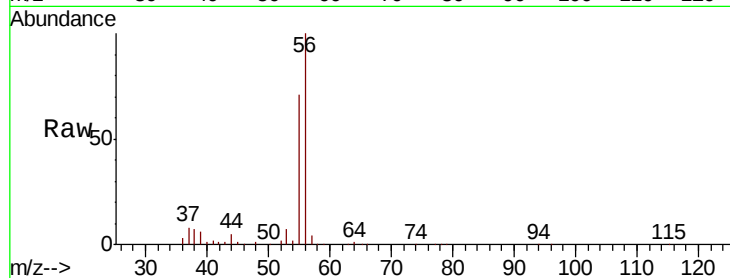
VSTDCCC050

Tgt Ion: 56 Resp: 88332

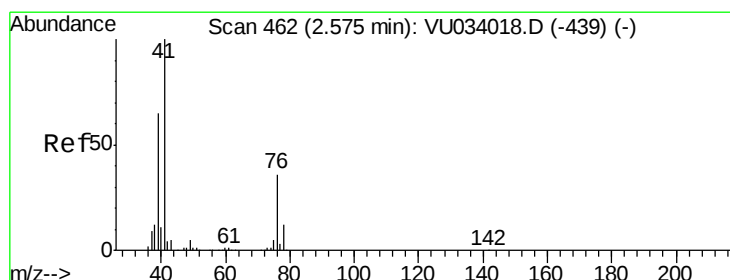
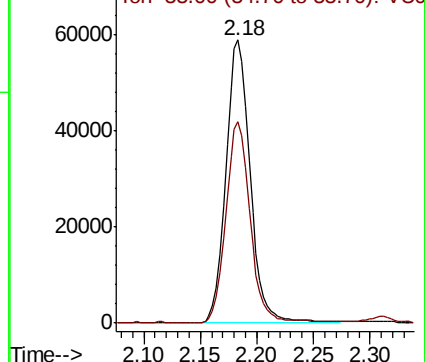
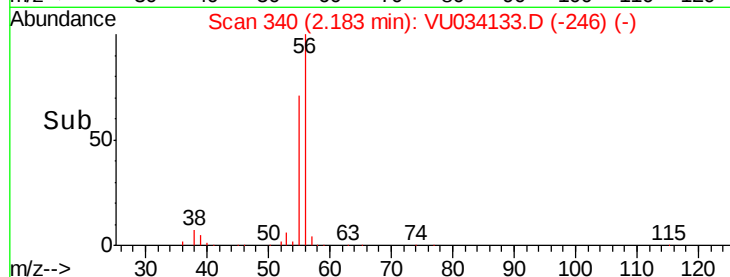
Ion Ratio Lower Upper

56 100

55 71.3 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU034133.D (-246) (-)



#14

Allyl chloride

Concen: 42.527 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

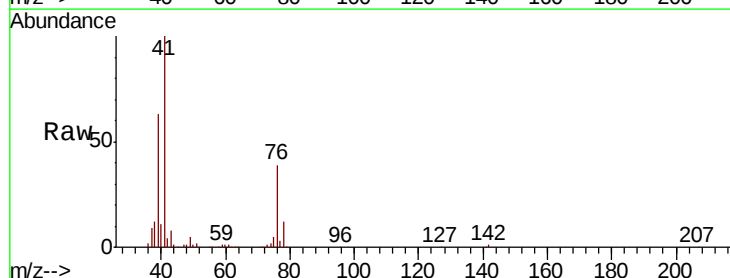
Tgt Ion: 41 Resp: 333579

Ion Ratio Lower Upper

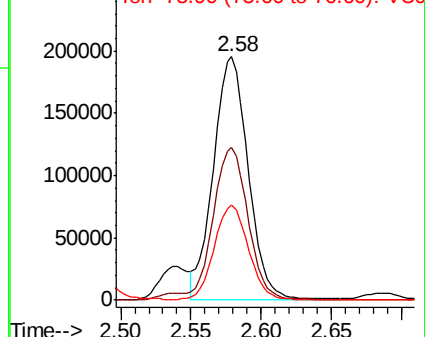
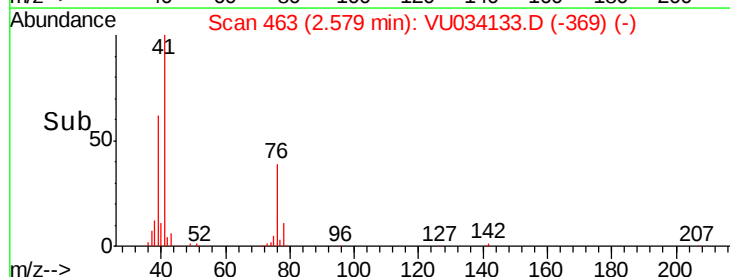
41 100

39 64.8 46.8 70.2

76 38.2 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU034133.D (-369) (-)





#15

Acrylonitrile

Concen: 247.482 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

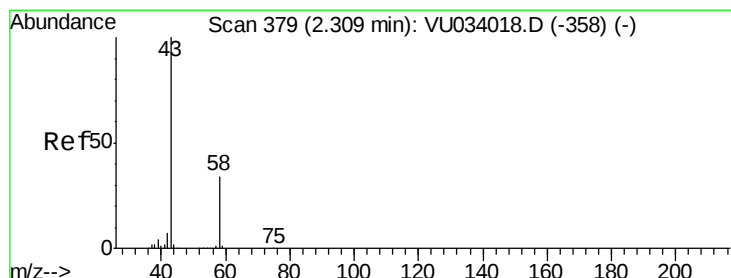
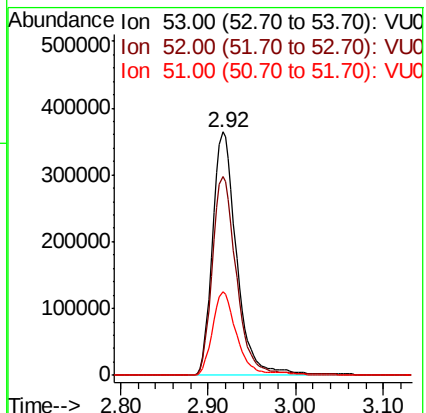
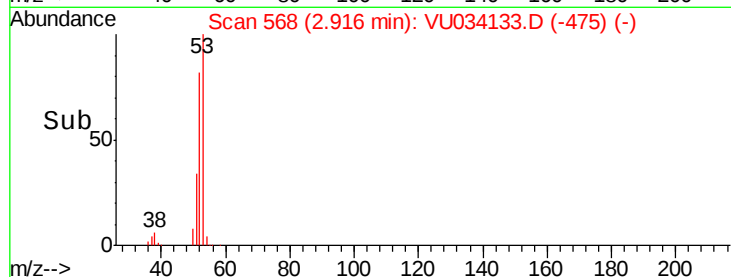
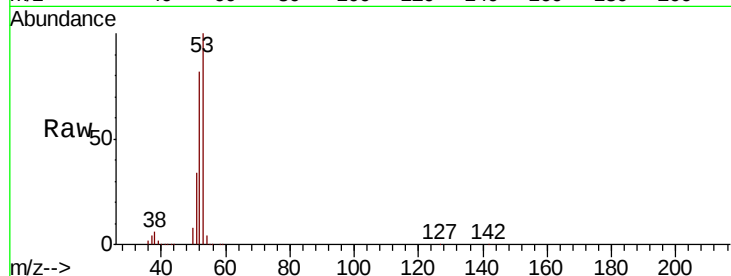
Tgt Ion: 53 Resp: 699291

Ion Ratio Lower Upper

53 100

52 81.5 65.7 98.5

51 35.1 27.9 41.9



#16

Acetone

Concen: 204.975 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034133.D

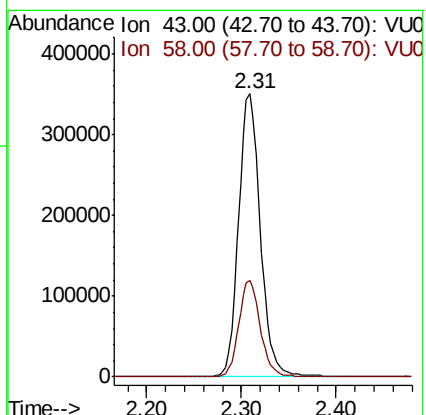
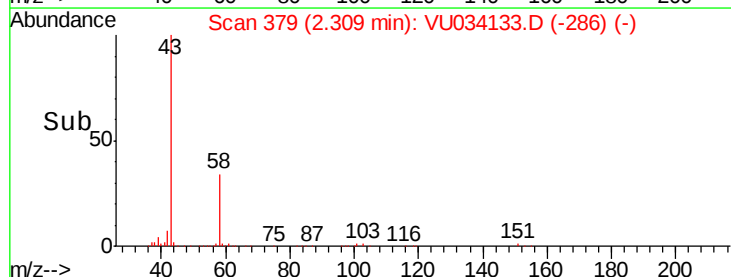
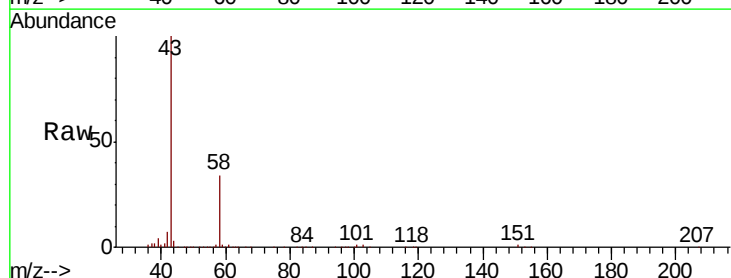
Acq: 31 Aug 2019 19:57

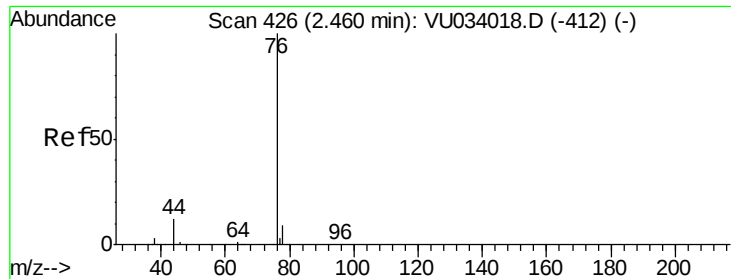
Tgt Ion: 43 Resp: 558471

Ion Ratio Lower Upper

43 100

58 34.1 26.8 40.2

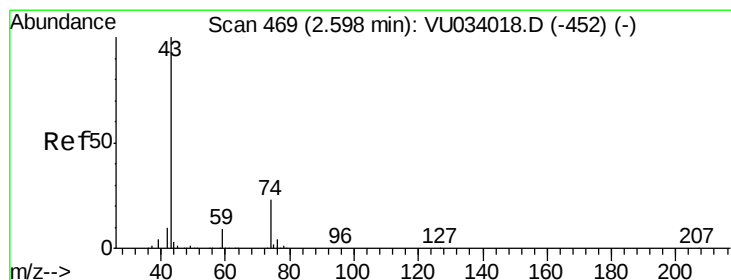
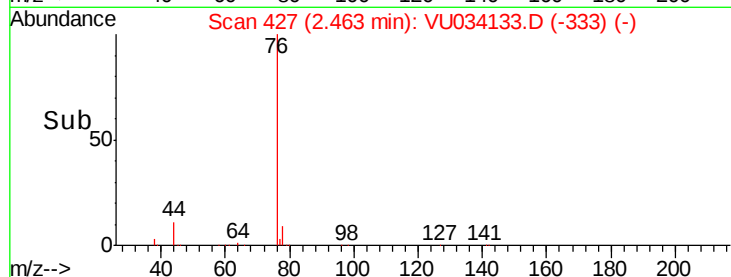
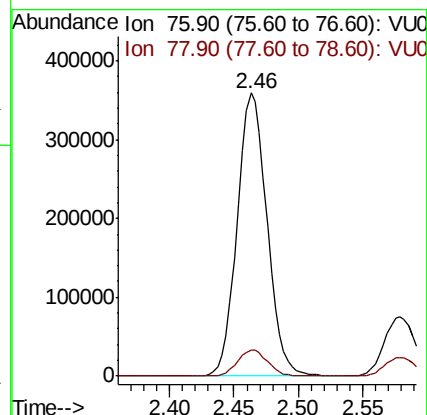
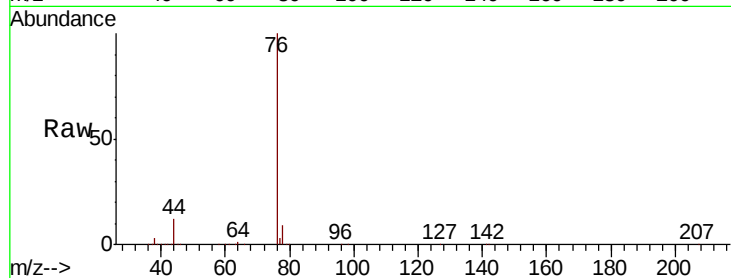




#17
Carbon Disulfide
Concen: 43.777 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

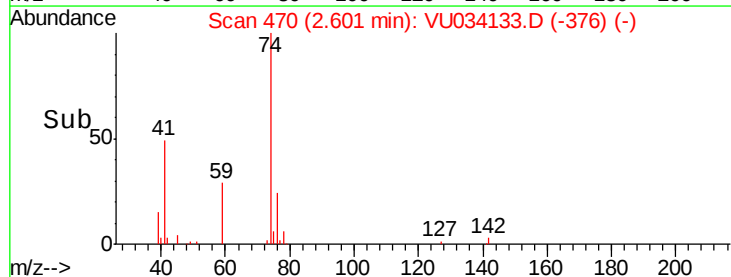
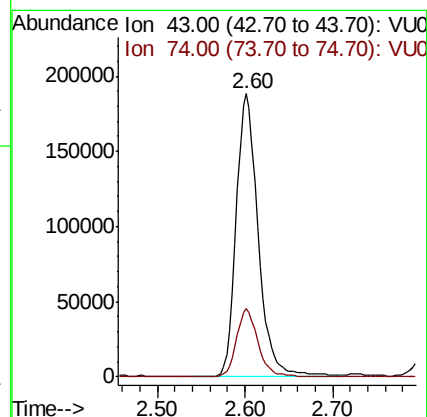
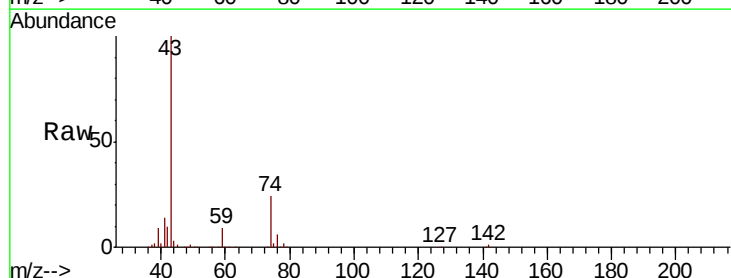
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

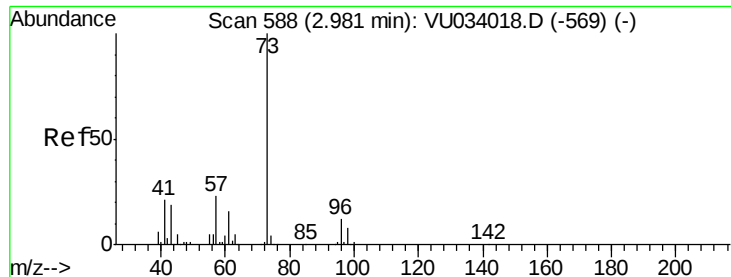
Tgt Ion: 76 Resp: 578031
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 46.524 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 43 Resp: 327562
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

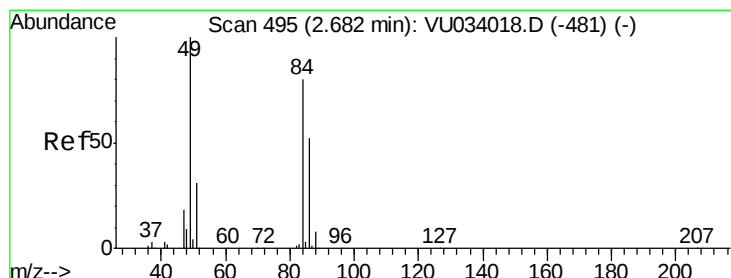
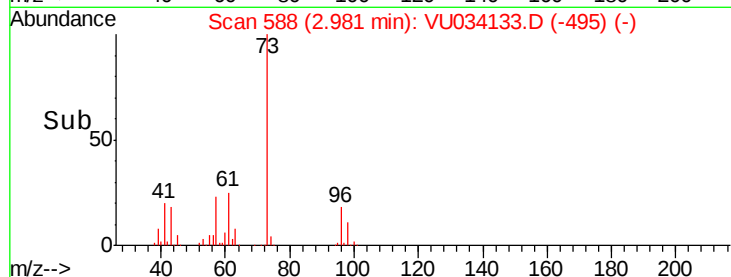
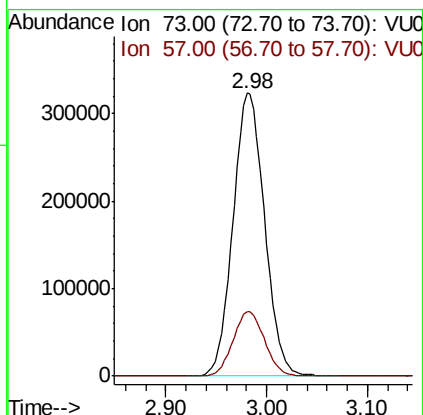
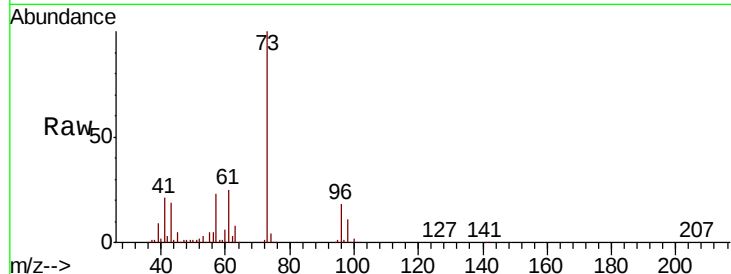




#19
Methyl tert-butyl Ether
Concen: 51.402 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

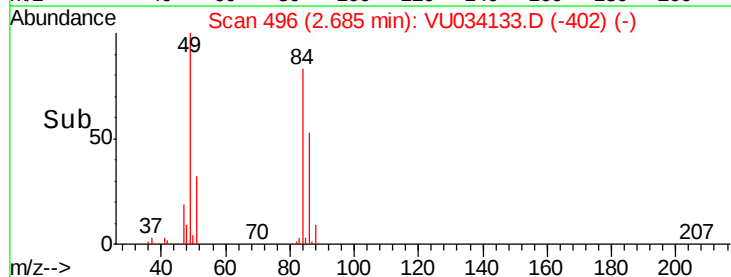
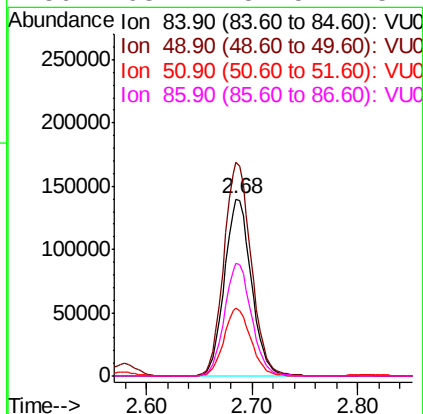
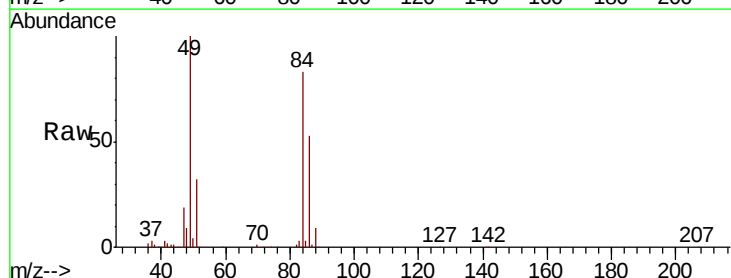
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

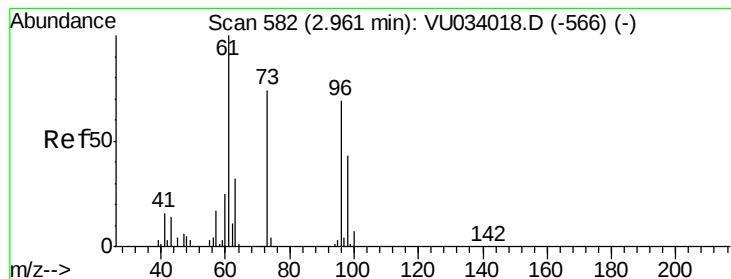
Tgt Ion: 73 Resp: 702630
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 47.860 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 84 Resp: 246858
Ion Ratio Lower Upper
84 100
49 120.8 100.2 150.4
51 38.3 30.8 46.2
86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.980 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

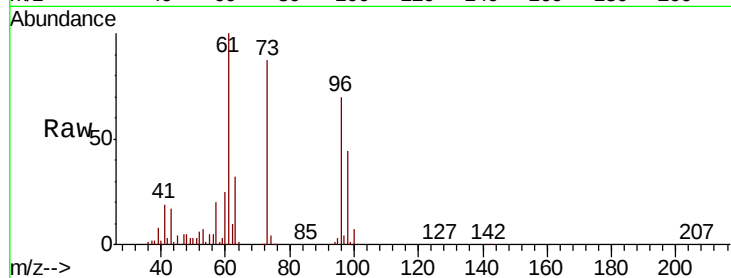
Tgt Ion: 96 Resp: 221769

Ion Ratio Lower Upper

96 100

61 143.7 115.5 173.3

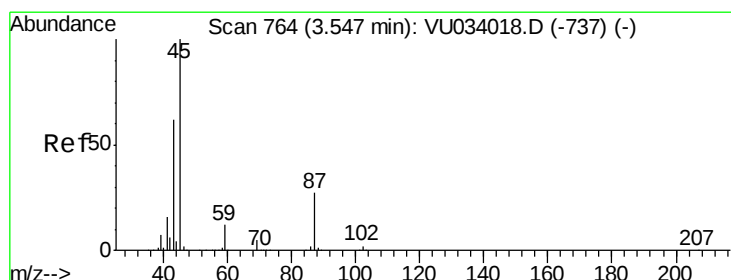
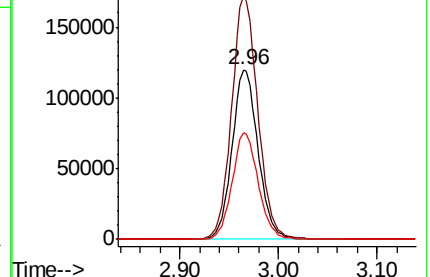
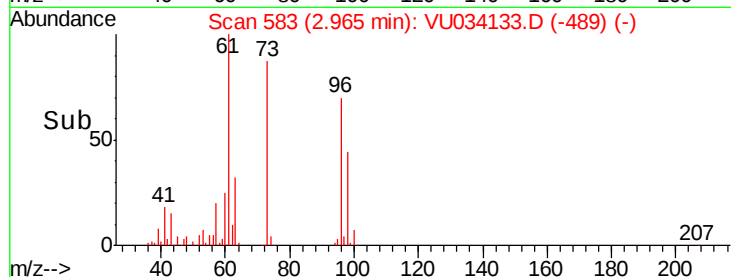
98 63.3 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034133.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU034133.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU034133.D (-489) (-)



#22

Diisopropyl ether

Concen: 51.582 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Tgt Ion: 45 Resp: 741397

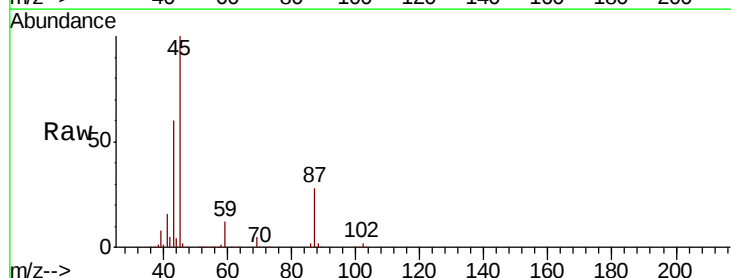
Ion Ratio Lower Upper

45 100

43 59.8 49.7 74.5

87 27.4 21.8 32.8

59 11.9 9.3 13.9

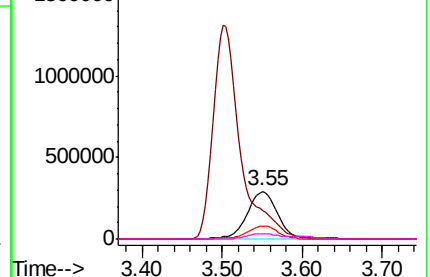
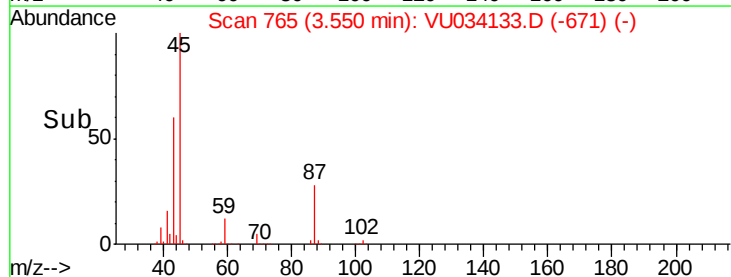


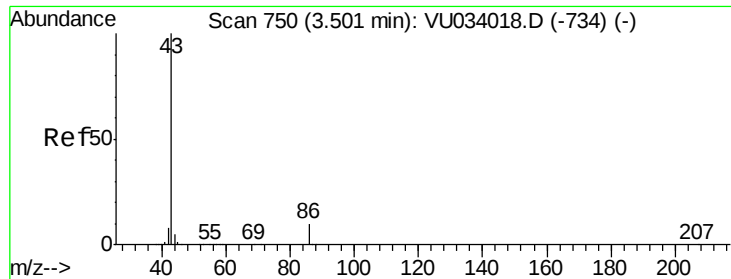
Abundance Ion 45.00 (44.70 to 45.70): VU034133.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VU034133.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VU034133.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VU034133.D (-671) (-)





#23

Vinyl Acetate

Concen: 252.537 ug/l

RT: 3.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

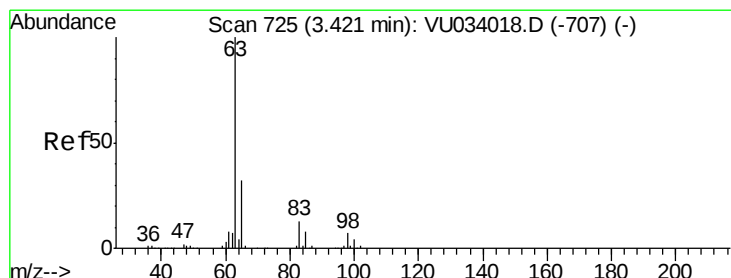
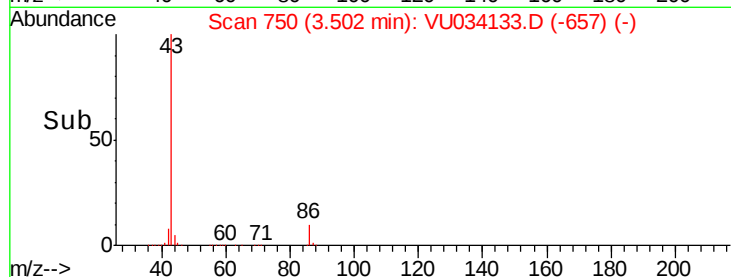
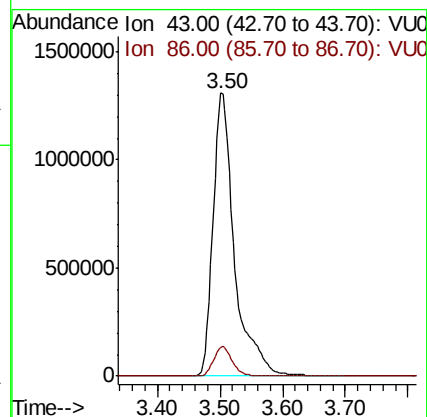
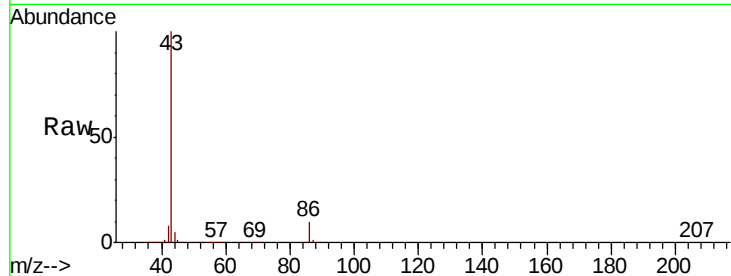
VSTDCCC050

Tgt Ion: 43 Resp: 3118097

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



#24

1,1-Dichloroethane

Concen: 50.571 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

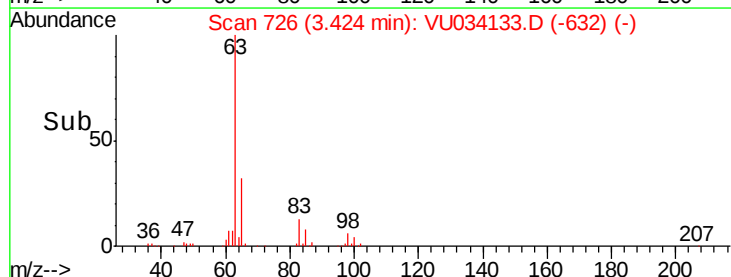
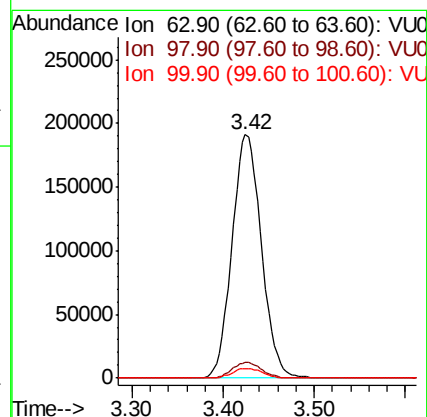
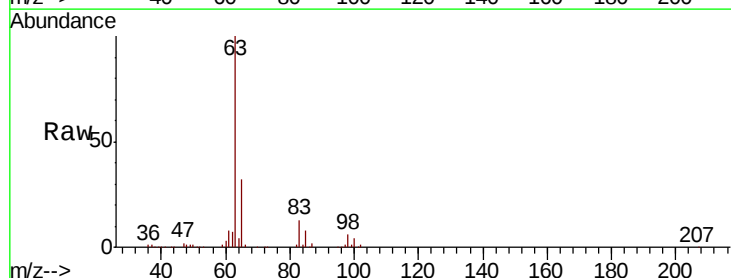
Tgt Ion: 63 Resp: 429140

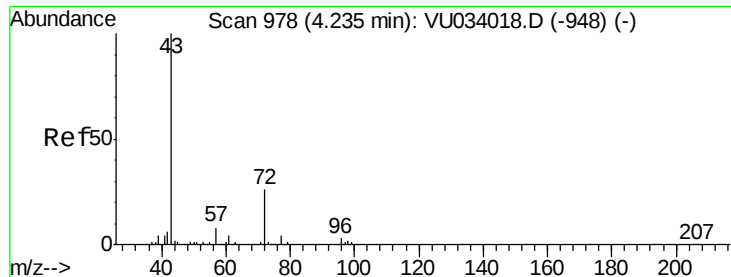
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.0 2.0 6.0

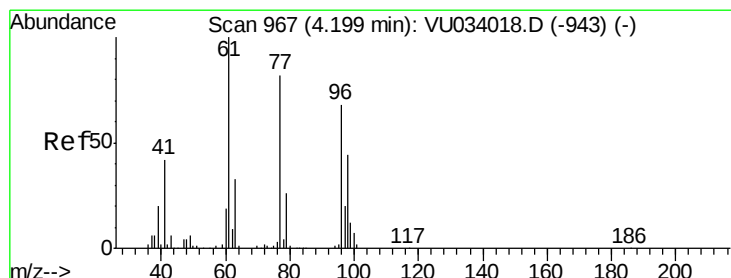
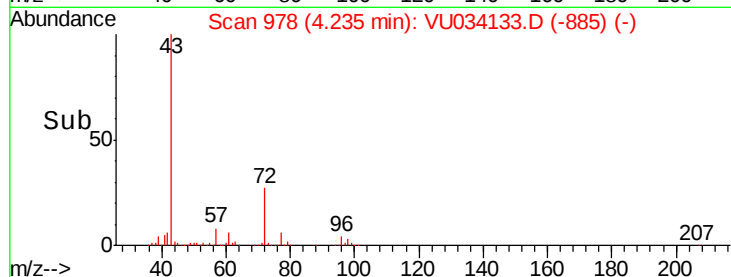
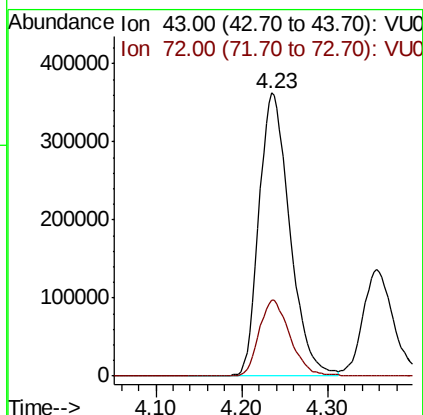
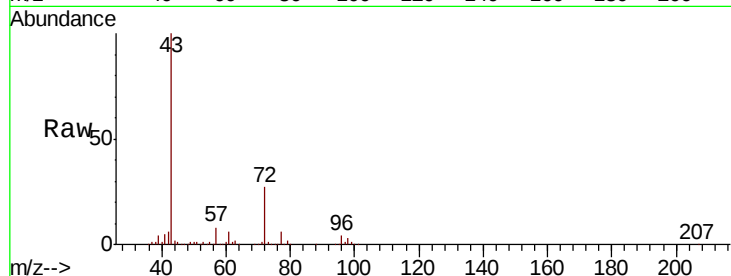




#25
 2-Butanone
 Concen: 238.054 ug/l
 RT: 4.23 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

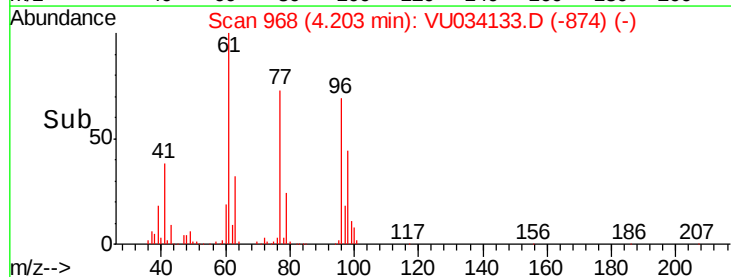
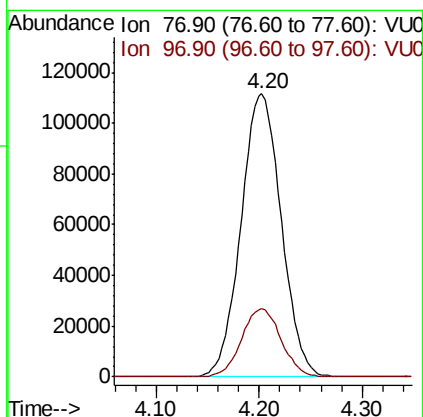
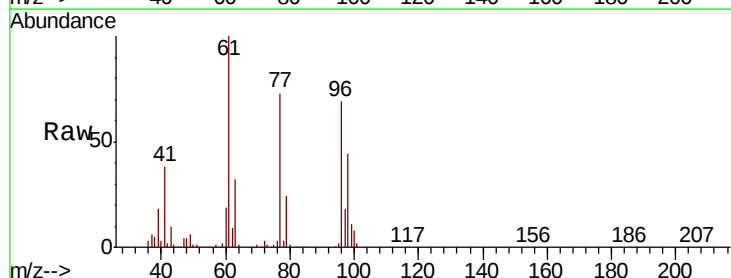
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

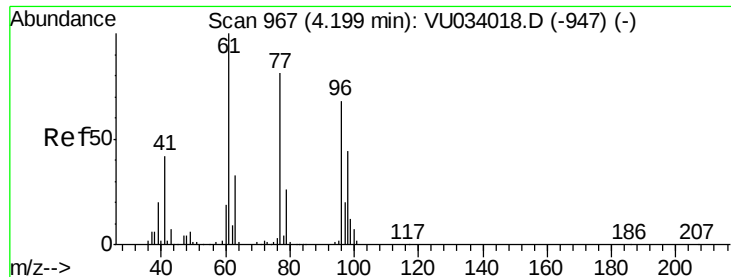
Tgt Ion: 43 Resp: 902371
 Ion Ratio Lower Upper
 43 100
 72 26.9 21.2 31.8



#26
 2,2-Dichloropropane
 Concen: 43.759 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 77 Resp: 302154
 Ion Ratio Lower Upper
 77 100
 97 23.7 11.6 34.7

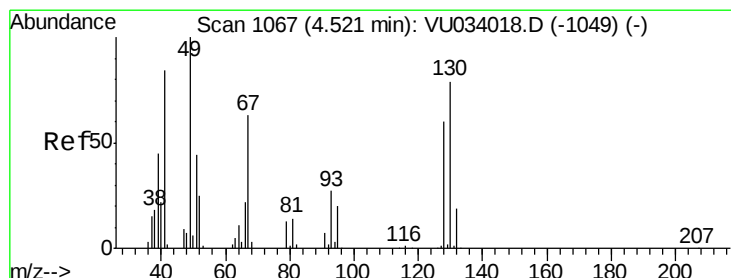
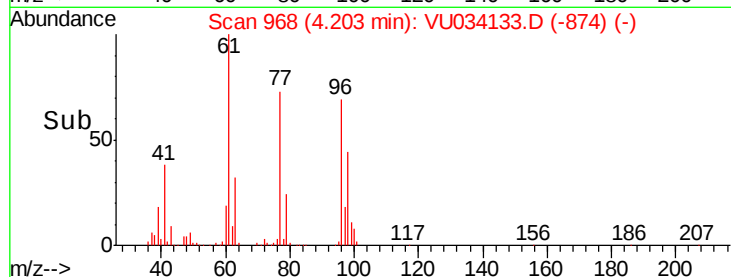
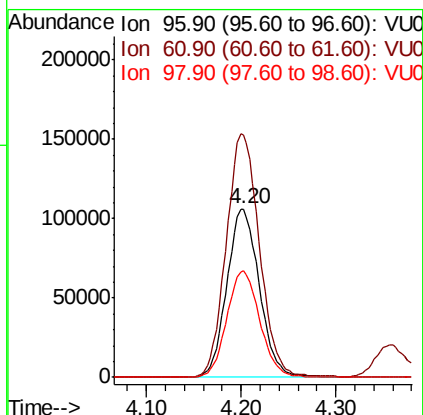
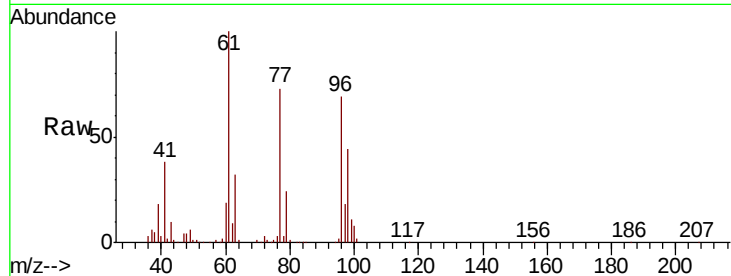




#27
 cis-1,2-Dichloroethene
 Concen: 49.920 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

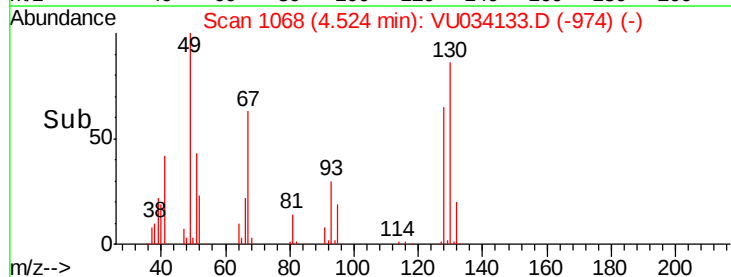
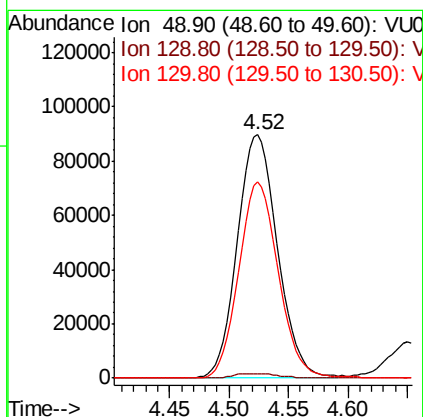
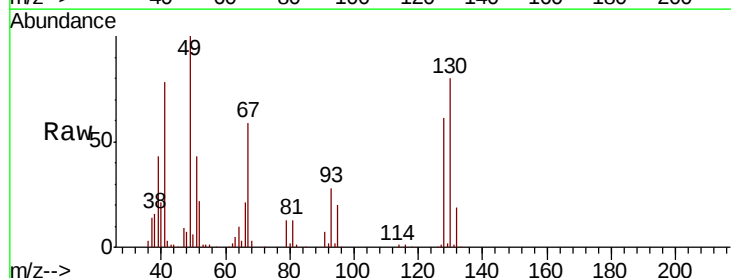
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

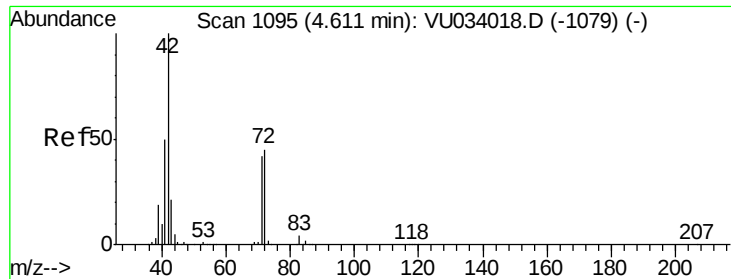
Tgt Ion: 96 Resp: 253696
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 303.0
 98 64.3 0.0 129.2



#28
 Bromochloromethane
 Concen: 50.417 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 49 Resp: 210783
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 79.2 62.8 94.2

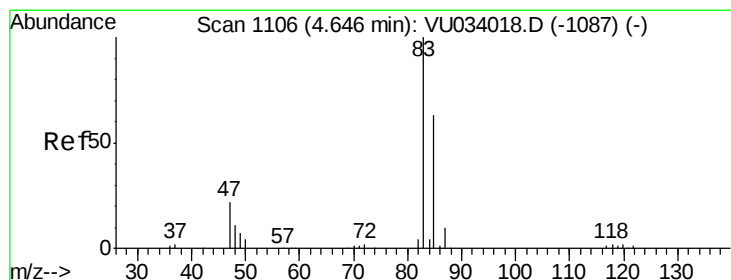
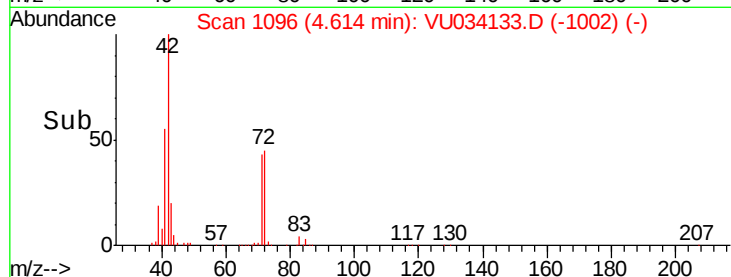
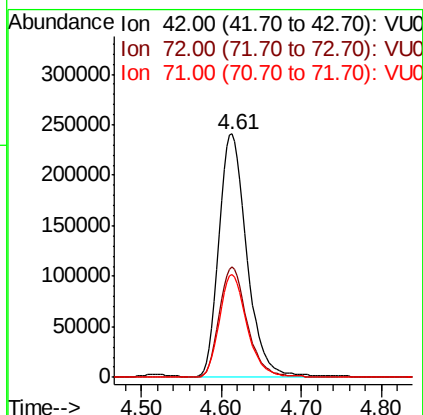
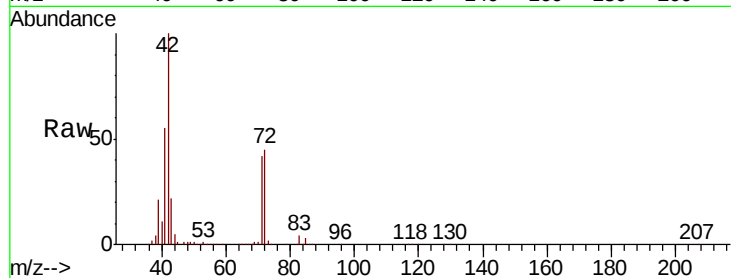




#29
Tetrahydrofuran
Concen: 247.729 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

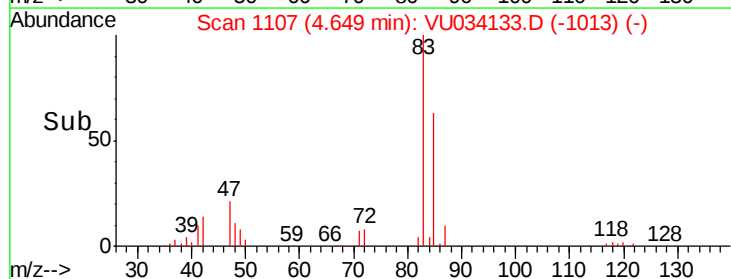
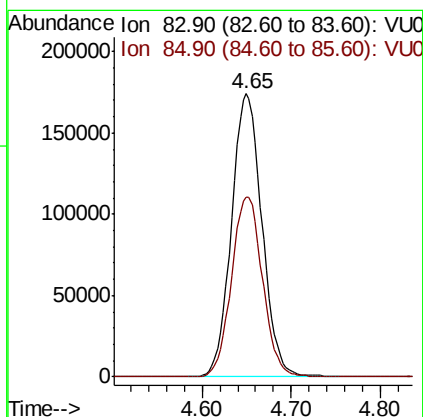
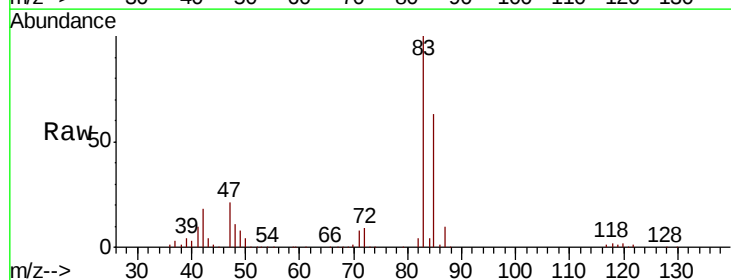
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

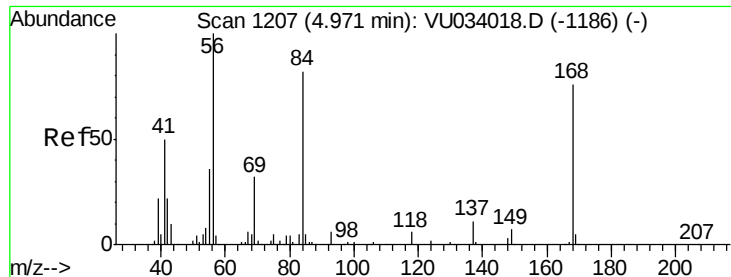
Tgt Ion: 42 Resp: 579109
Ion Ratio Lower Upper
42 100
72 45.5 35.8 53.6
71 42.2 34.0 51.0



#30
Chloroform
Concen: 48.726 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 83 Resp: 412539
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1

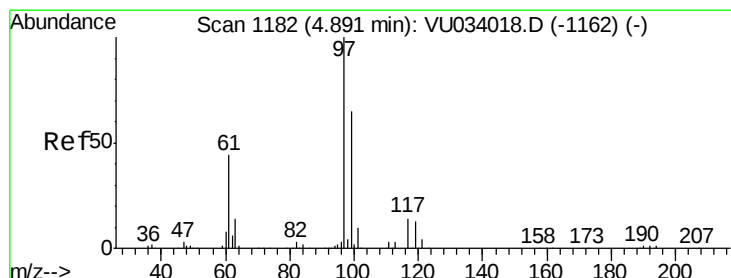
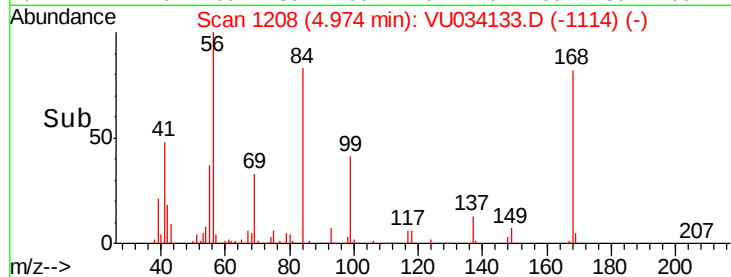
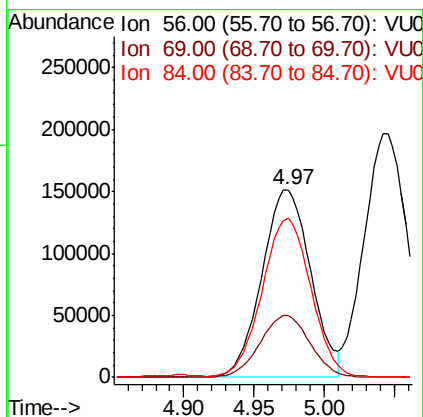
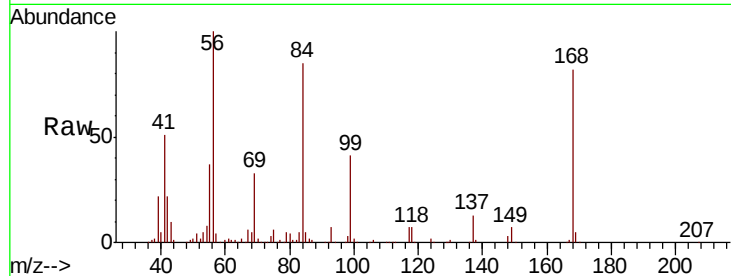




#31
Cyclohexane
Concen: 45.818 ug/l
RT: 4.97 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

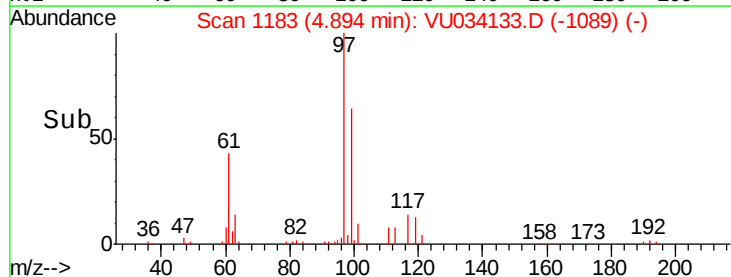
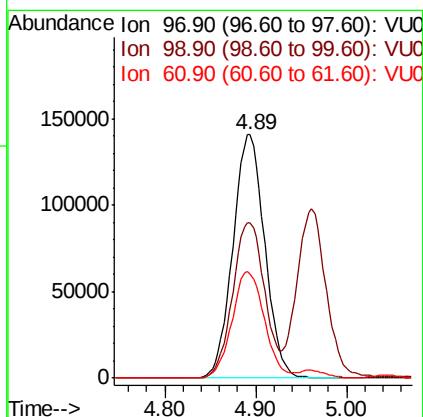
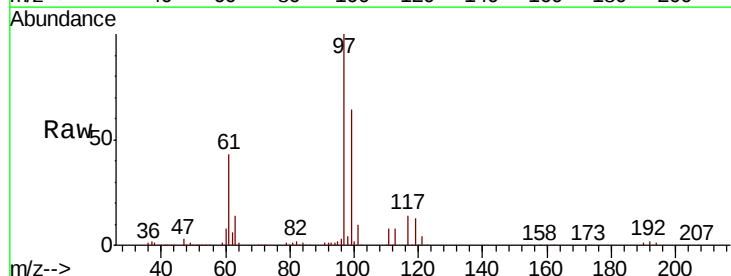
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

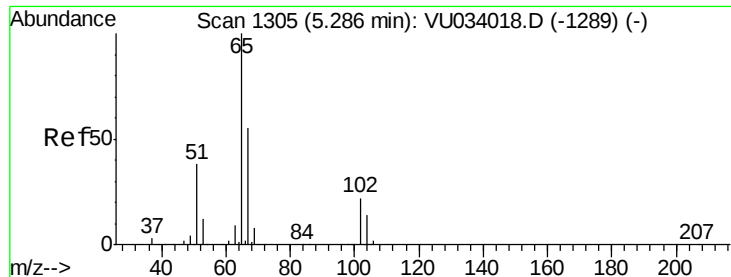
Tgt Ion: 56 Resp: 365337
Ion Ratio Lower Upper
56 100
69 33.0 25.4 38.0
84 83.6 65.8 98.8



#32
1,1,1-Trichloroethane
Concen: 49.422 ug/l
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 97 Resp: 342701
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 44.4 35.3 52.9

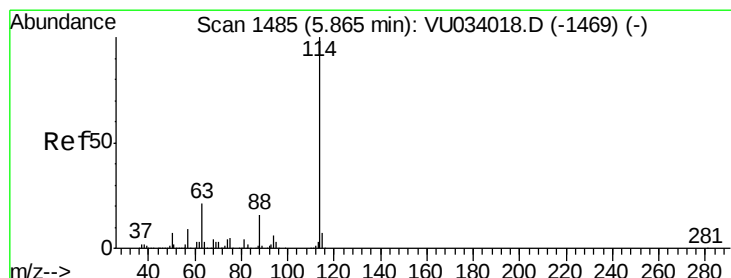
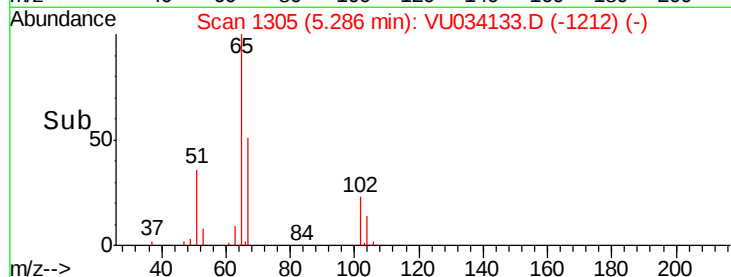
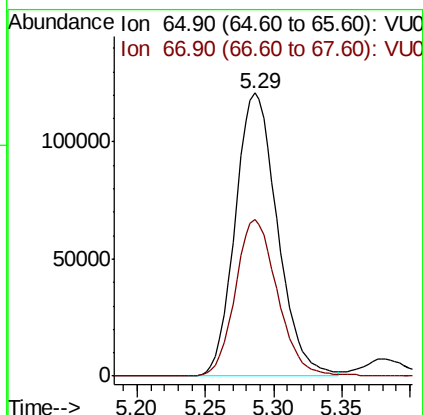
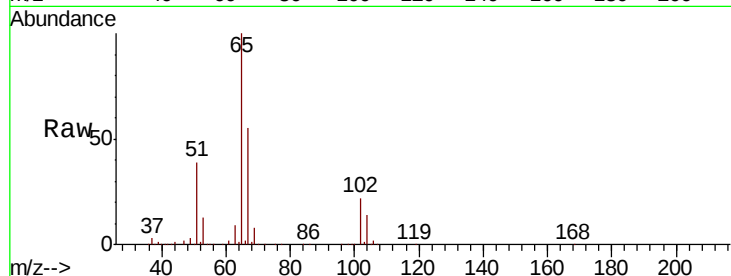




#33
 1,2-Dichloroethane-d4
 Concen: 48.600 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

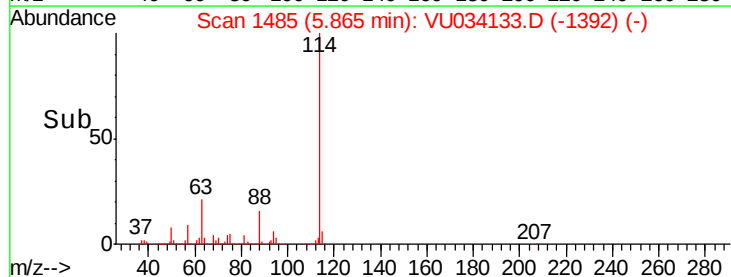
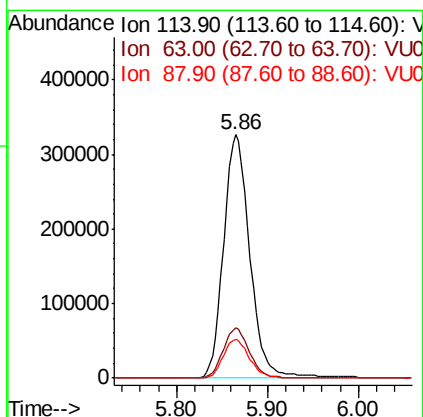
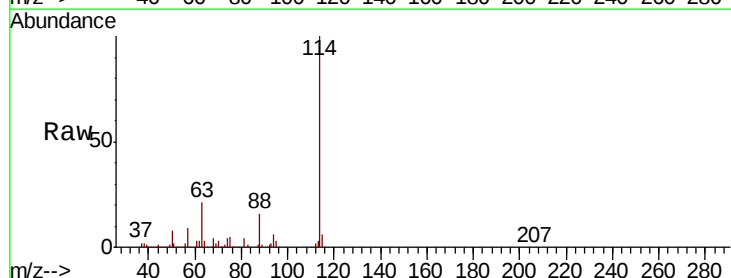
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

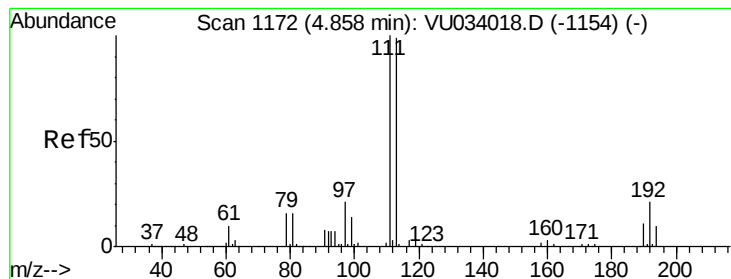
Tgt Ion: 65 Resp: 259510
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 114 Resp: 653447
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.487 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

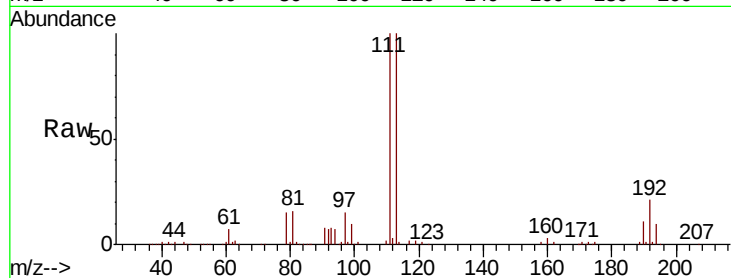
Tgt Ion:113 Resp: 224288

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

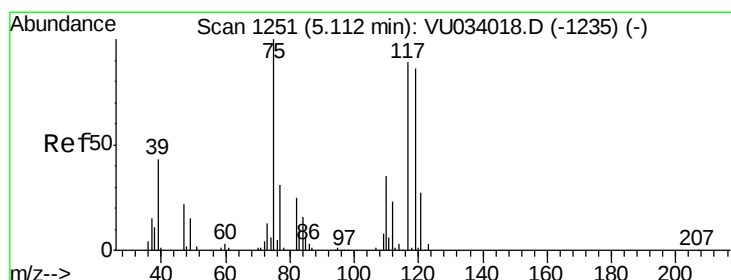
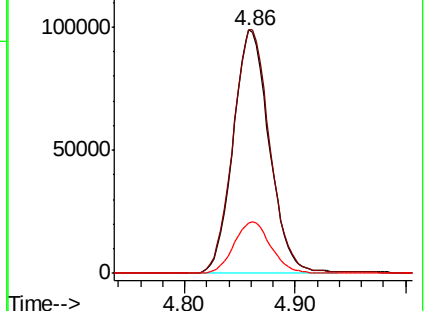
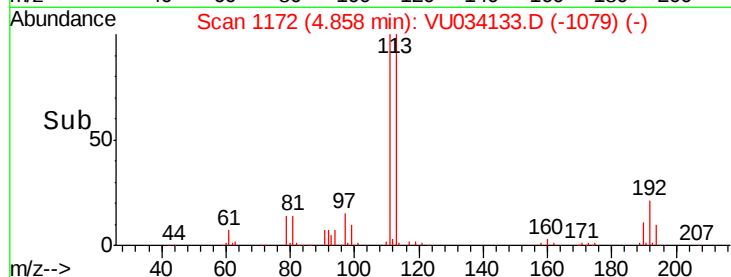
192 21.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.690 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

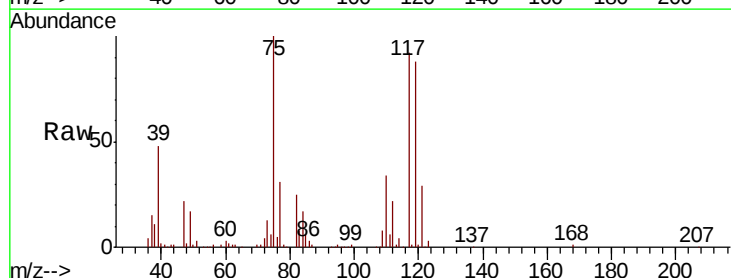
Tgt Ion: 75 Resp: 307122

Ion Ratio Lower Upper

75 100

110 34.5 17.8 53.5

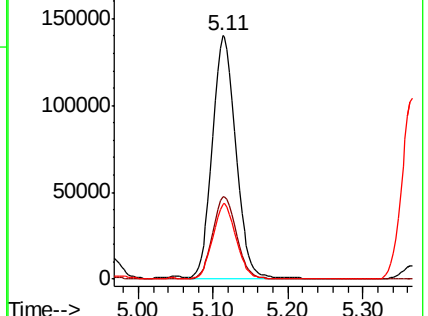
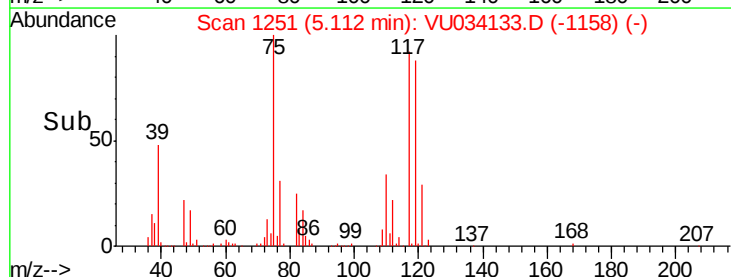
77 30.5 25.0 37.4

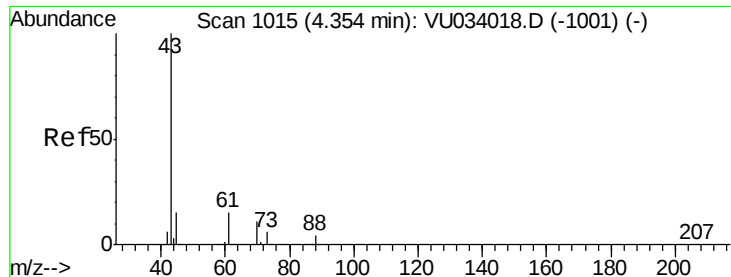


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

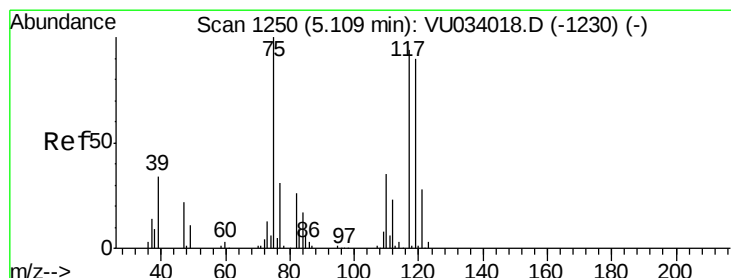
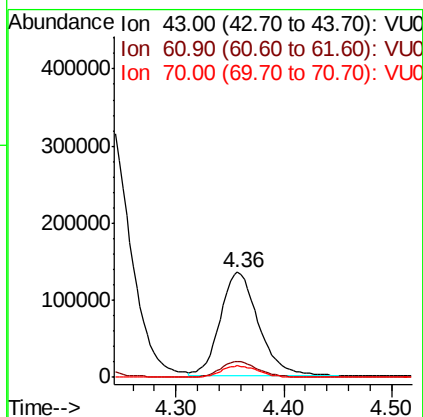
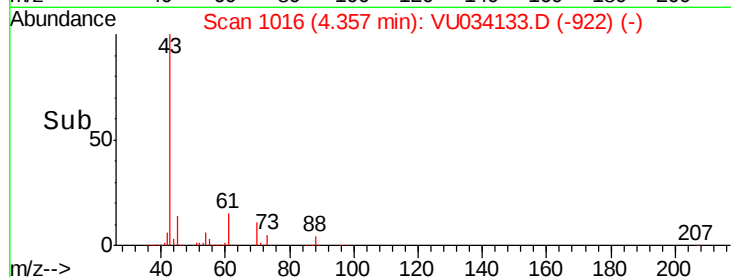
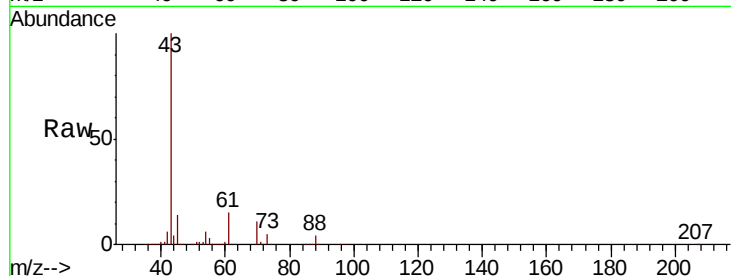




#37
Ethyl Acetate
Concen: 47.965 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

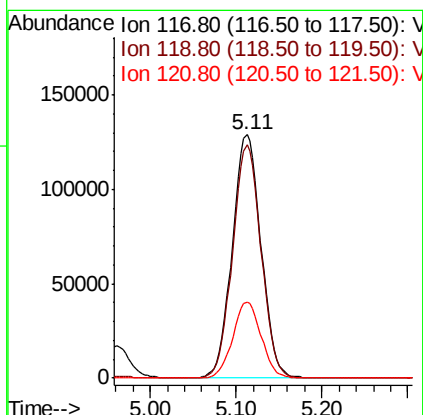
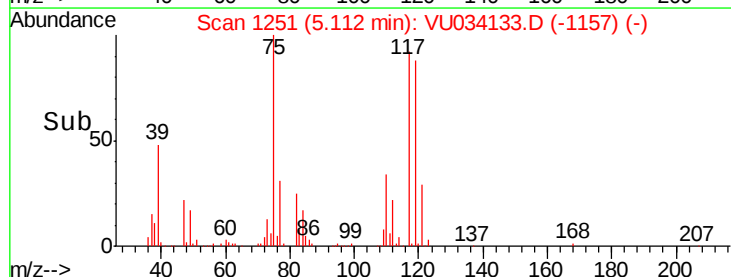
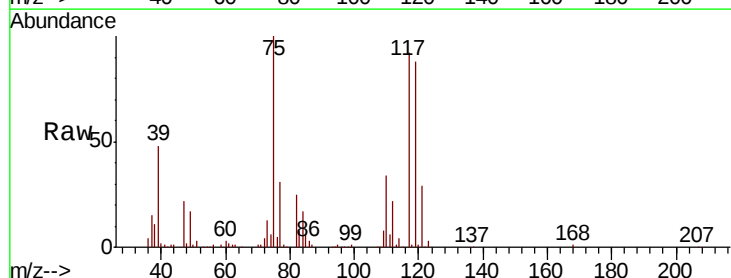
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

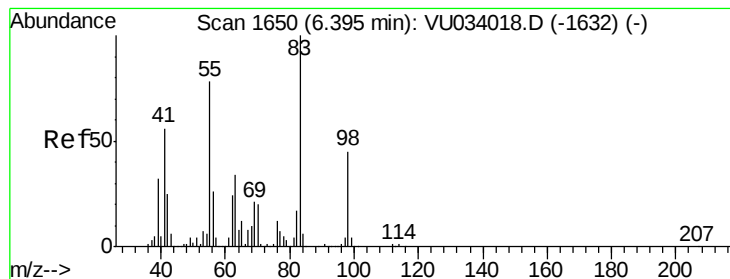
Tgt Ion: 43 Resp: 331986
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 11.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.947 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 117 Resp: 297985
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4
121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 47.230 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

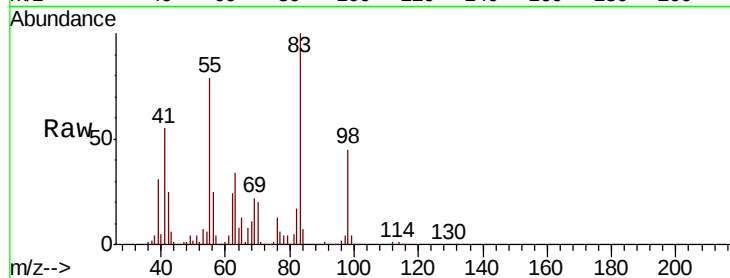
Tgt Ion: 83 Resp: 344064

Ion Ratio Lower Upper

83 100

55 78.9 62.3 93.5

98 44.9 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VU034133.D (-1632) (-)

Ion 55.00 (54.70 to 55.70): VU034133.D (-1632) (-)

Ion 98.00 (97.70 to 98.70): VU034133.D (-1632) (-)

6.40

200000

150000

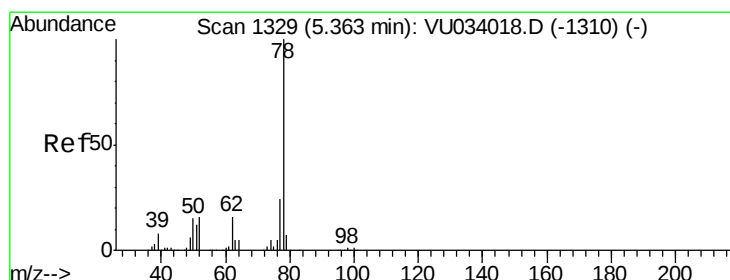
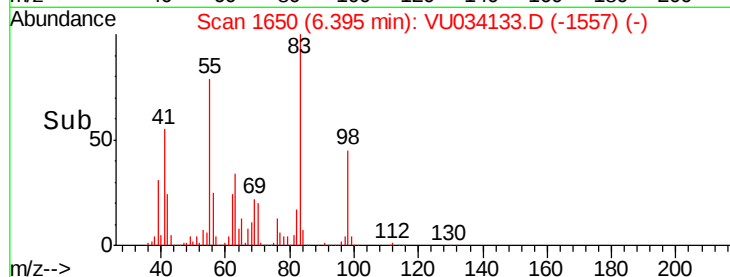
100000

50000

0

6.30 6.35 6.40 6.45

Time-->



#40

Benzene

Concen: 49.854 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034133.D

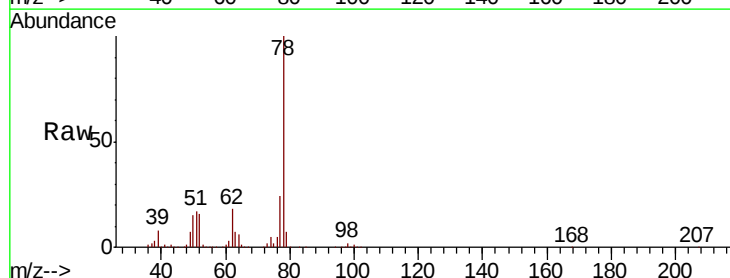
Acq: 31 Aug 2019 19:57

Tgt Ion: 78 Resp: 932282

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VU034133.D (-1310) (-)

Ion 77.00 (76.70 to 77.70): VU034133.D (-1310) (-)

5.37

500000

400000

300000

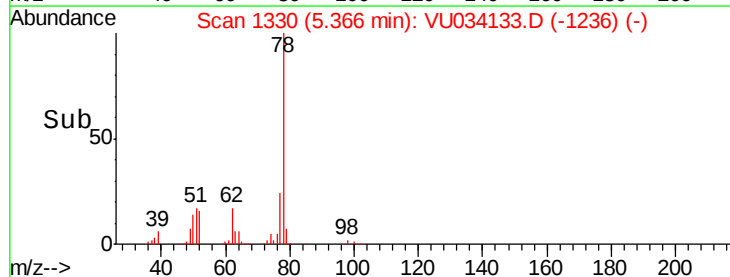
200000

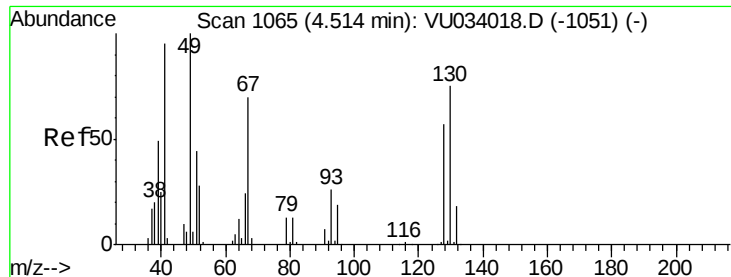
100000

0

5.30 5.35 5.40 5.45

Time-->

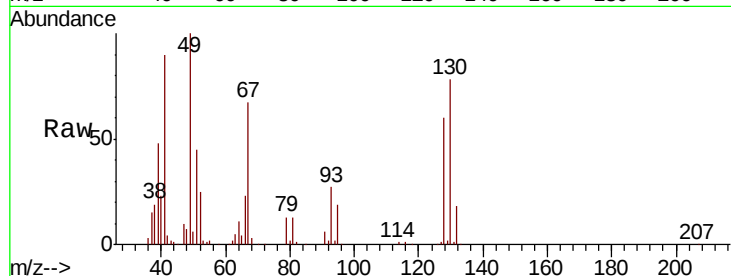




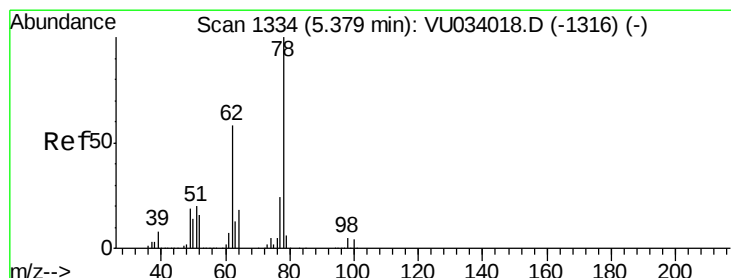
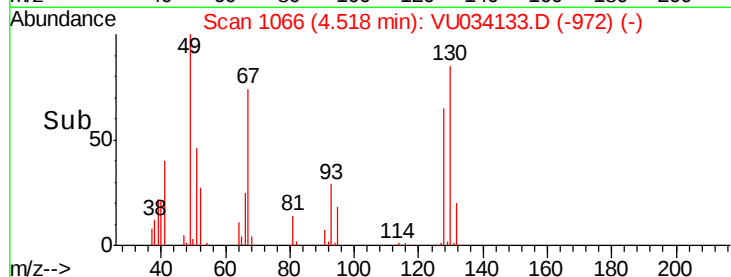
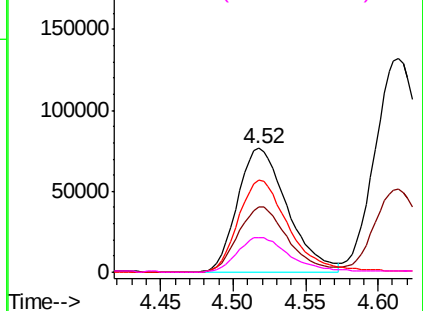
#41
Methacrylonitrile
Concen: 51.476 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	182721
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.1	63.1
67	76.3	61.0	91.4
52	28.9	23.3	34.9

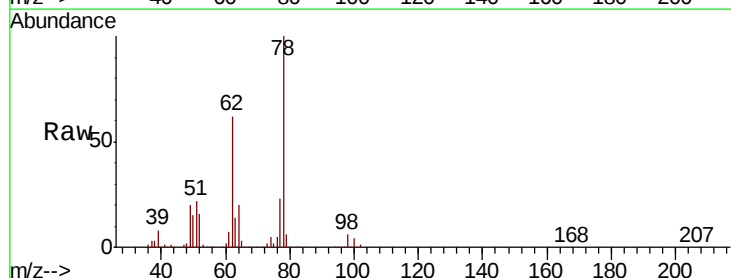


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

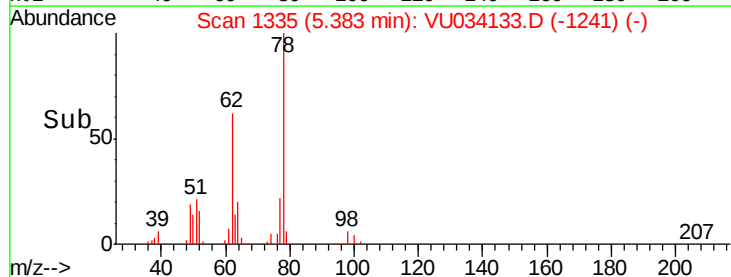
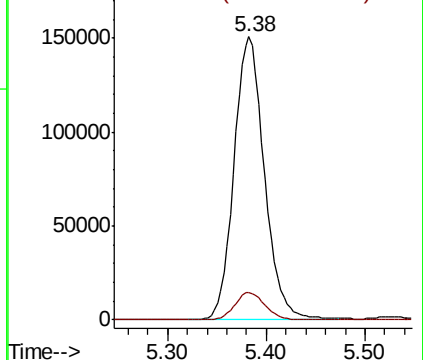


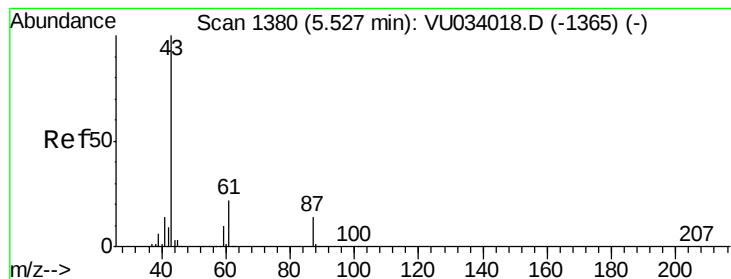
#42
1,2-Dichloroethane
Concen: 49.952 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion:	62	Resp:	322562
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 49.424 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

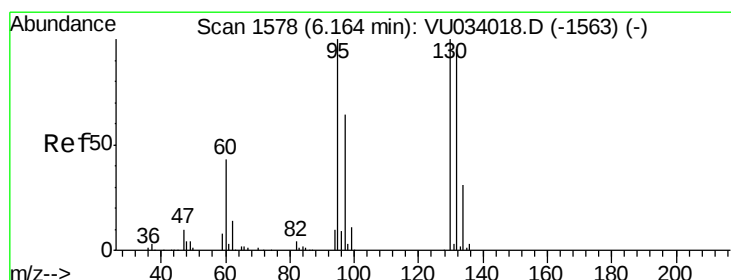
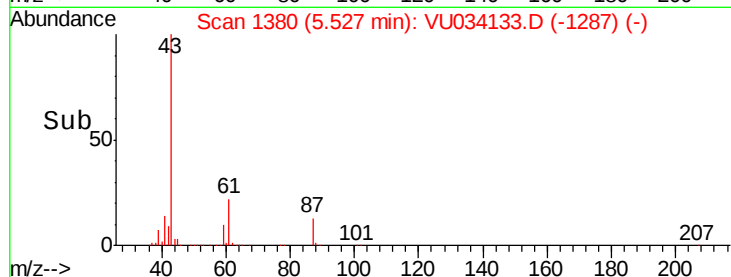
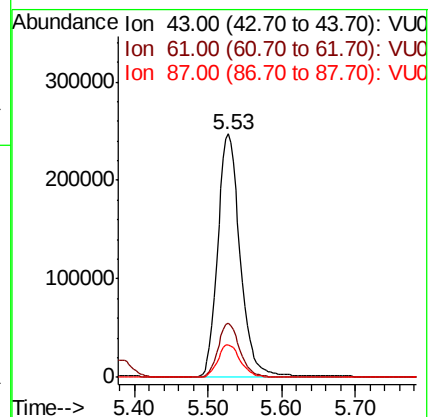
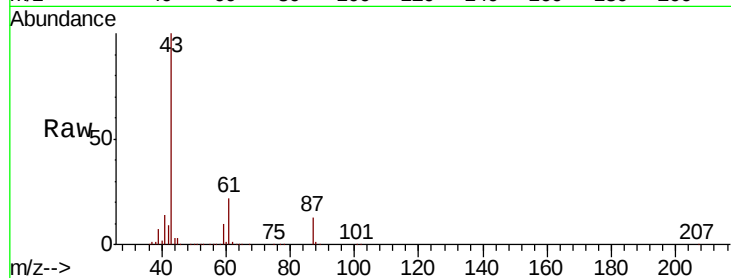
Tgt Ion: 43 Resp: 520425

Ion Ratio Lower Upper

43 100

61 21.4 17.2 25.8

87 13.4 10.8 16.2



#44

Trichloroethene

Concen: 51.313 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034133.D

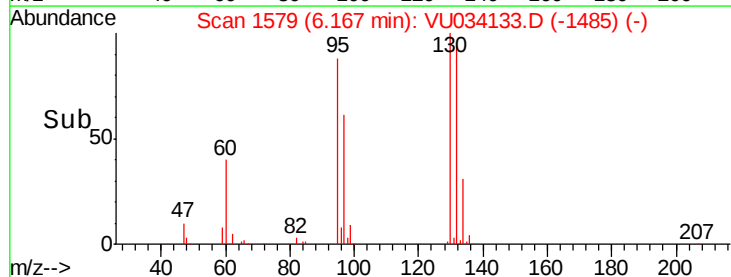
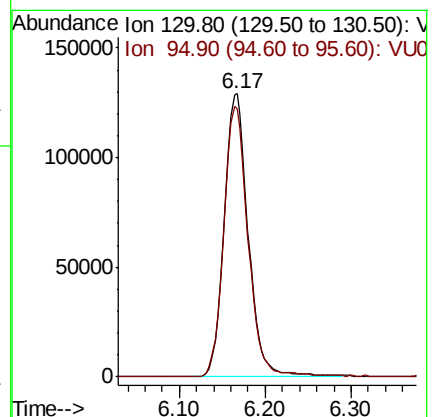
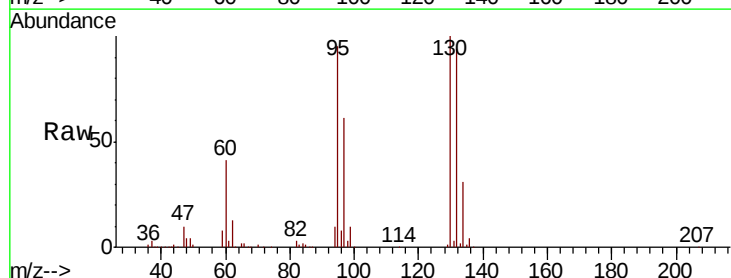
Acq: 31 Aug 2019 19:57

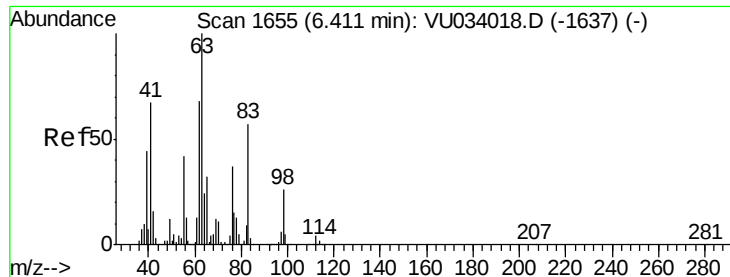
Tgt Ion: 130 Resp: 251981

Ion Ratio Lower Upper

130 100

95 94.6 0.0 199.6





#45

1,2-Dichloropropane

Concen: 50.593 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

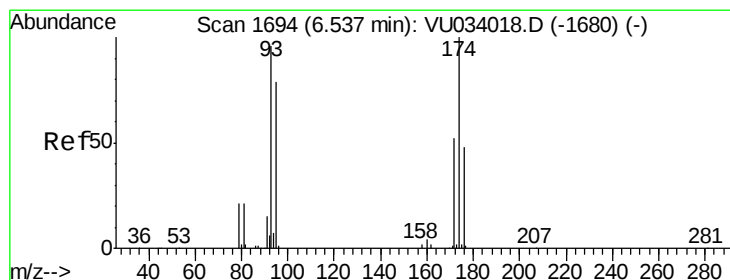
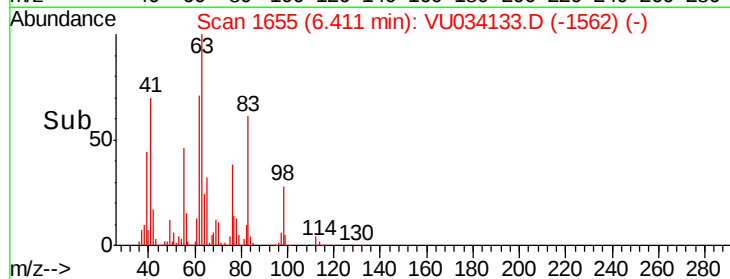
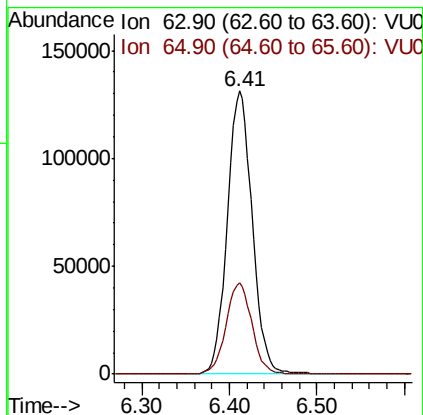
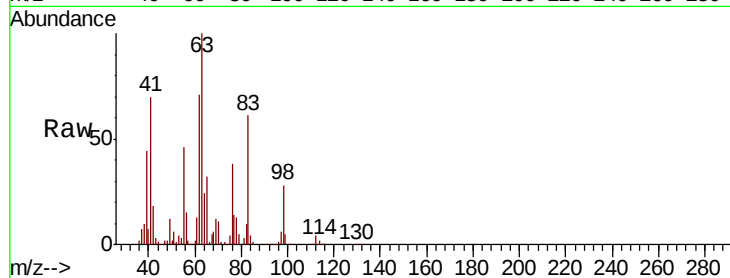
VSTDCCC050

Tgt Ion: 63 Resp: 260437

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 49.774 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

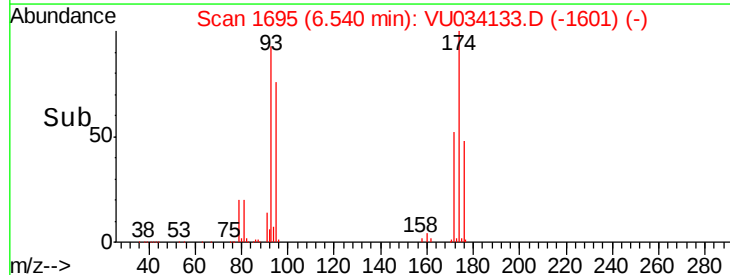
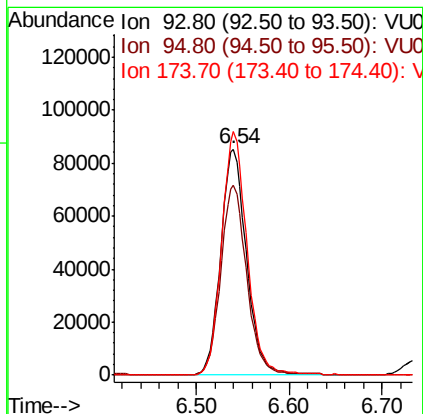
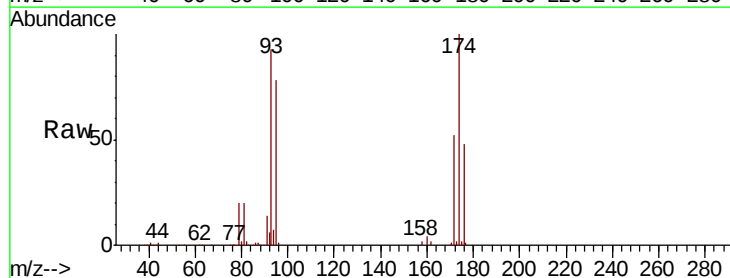
Tgt Ion: 93 Resp: 165075

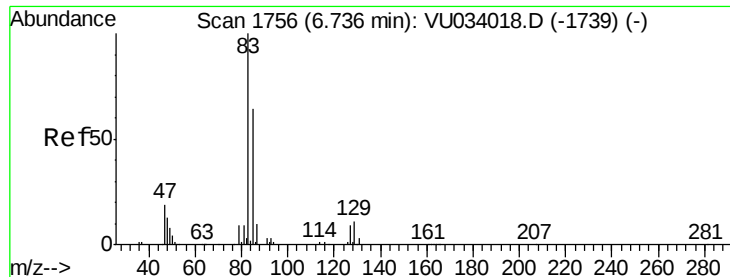
Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

174 105.9 84.9 127.3





#47

Bromodichloromethane

Concen: 50.632 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

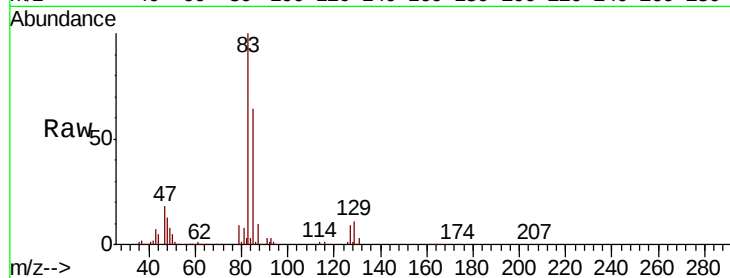
Tgt Ion: 83 Resp: 328531

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

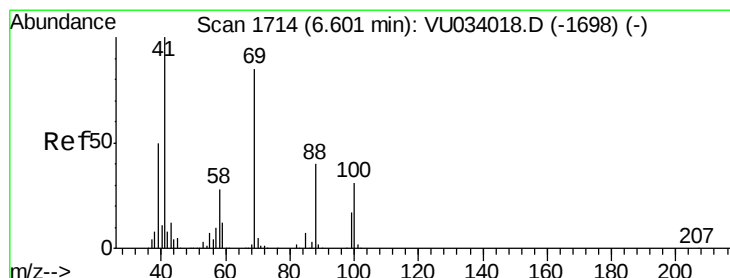
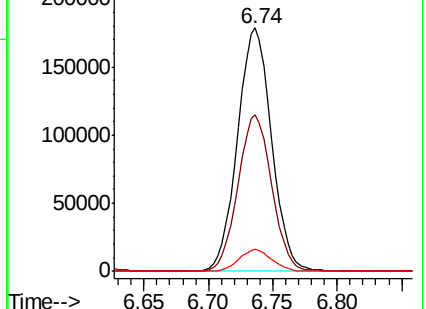
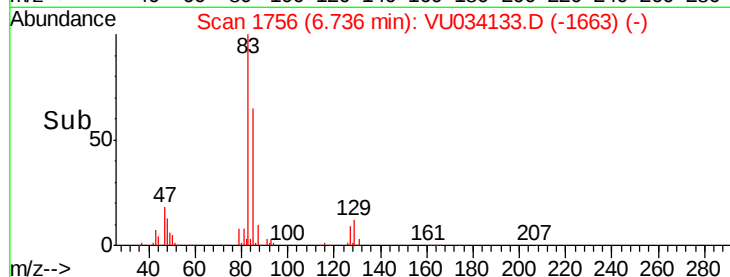
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034133.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034133.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034133.D (-1663) (-)



#48

Methyl methacrylate

Concen: 49.433 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

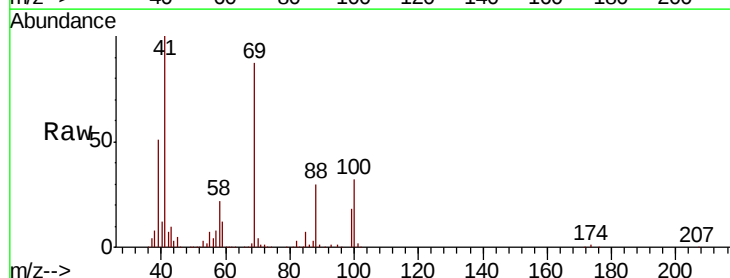
Tgt Ion: 41 Resp: 251176

Ion Ratio Lower Upper

41 100

69 89.3 69.5 104.3

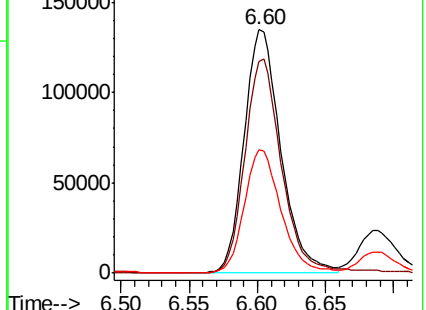
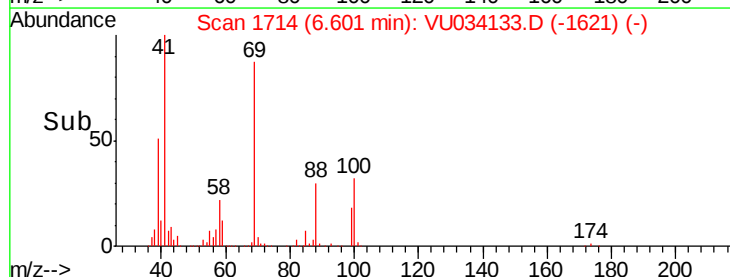
39 50.3 40.3 60.5



Abundance Ion 41.00 (40.70 to 41.70): VU034133.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034133.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034133.D (-1621) (-)

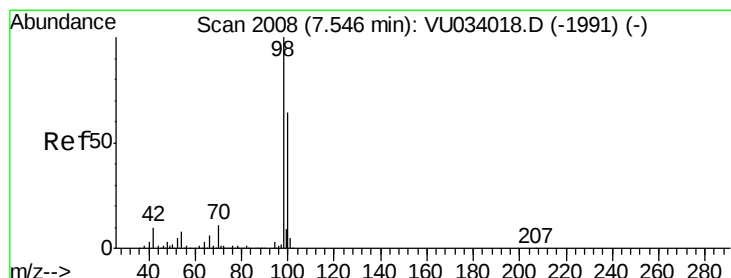
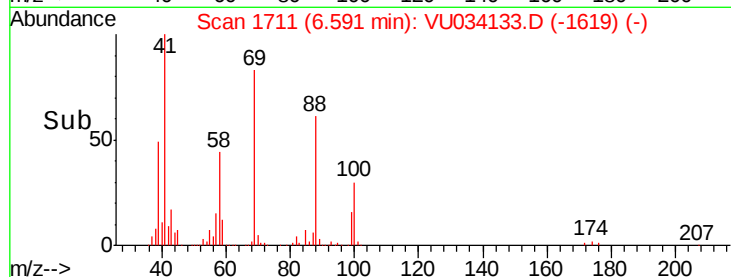
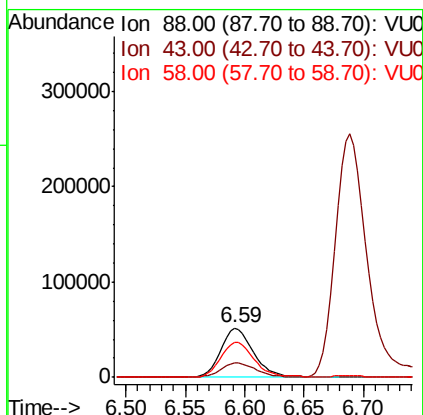
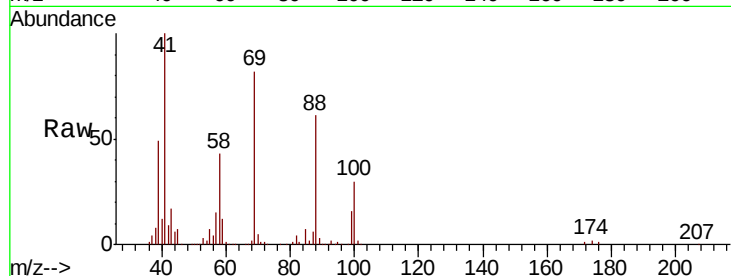




#49
 1,4-Dioxane
 Concen: 759.466 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

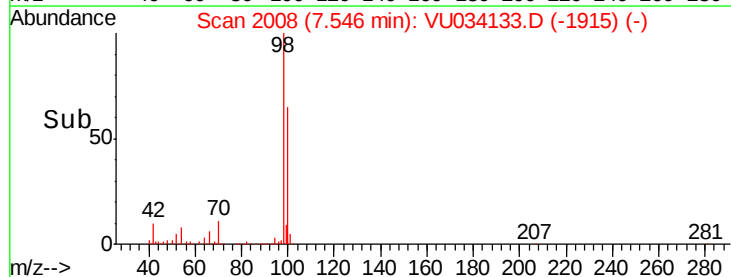
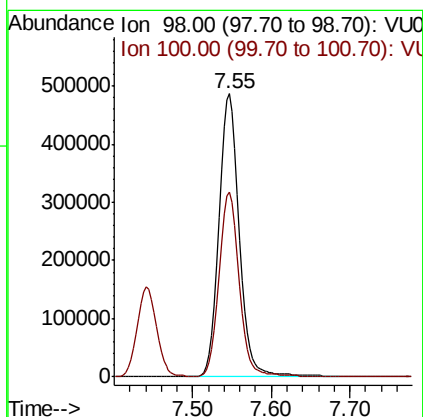
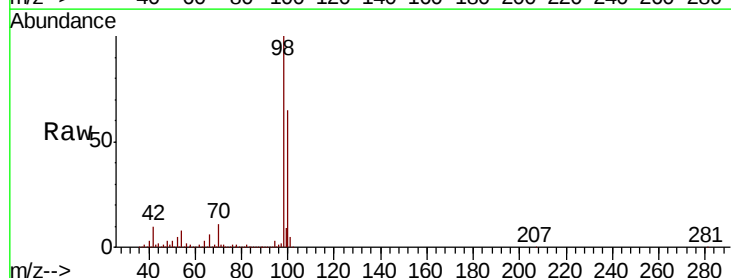
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

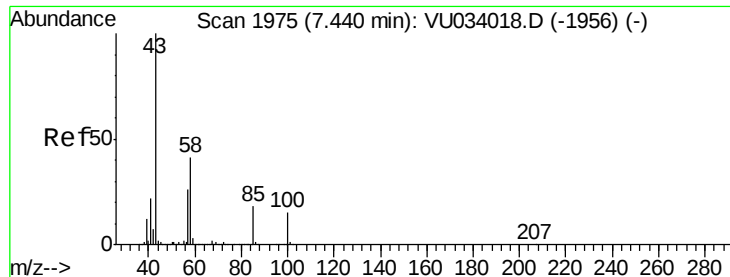
Tgt Ion: 88 Resp: 96689
 Ion Ratio Lower Upper
 88 100
 43 30.6 24.8 37.2
 58 74.6 59.3 88.9



#50
 Toluene-d8
 Concen: 51.073 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 98 Resp: 866724
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.3 75.5

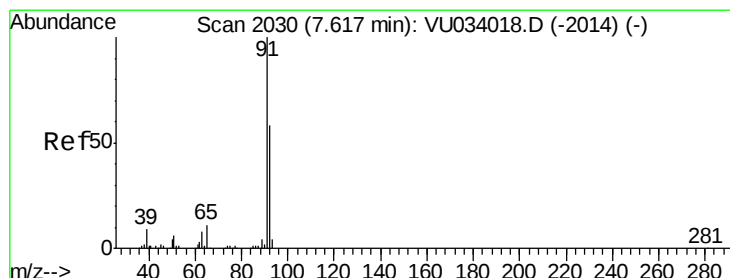
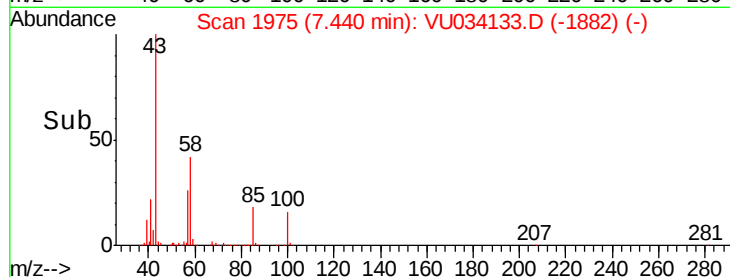
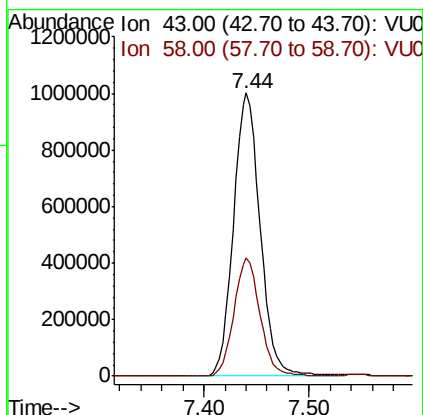
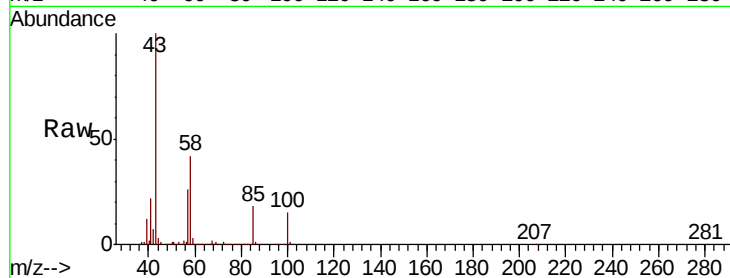




#51
 4-Methyl-2-Pentanone
 Concen: 240.489 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

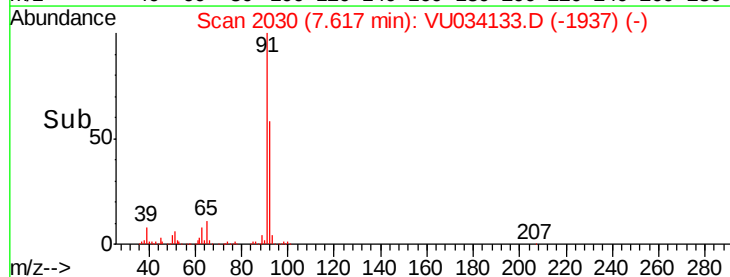
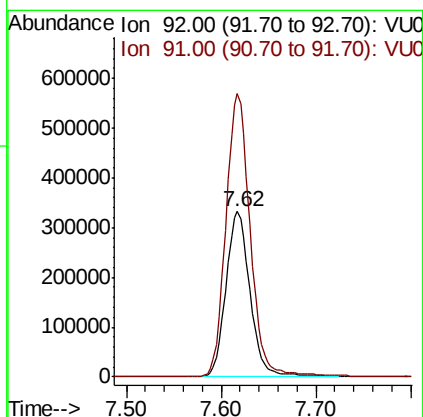
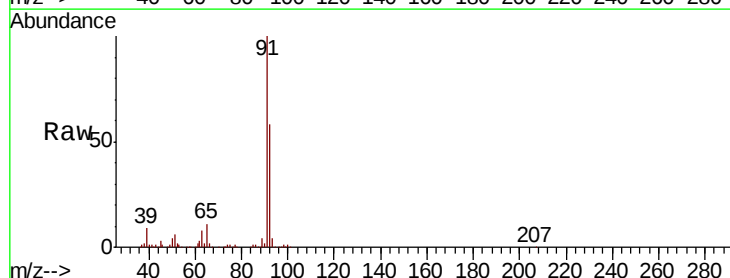
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

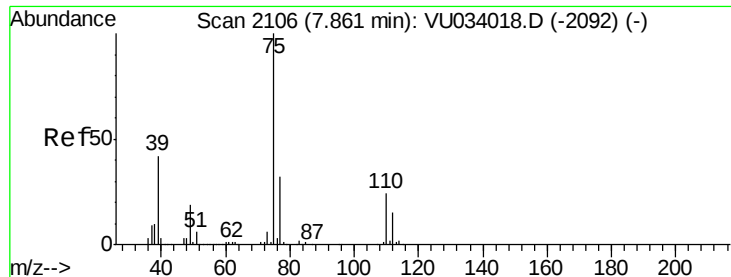
Tgt Ion: 43 Resp: 1748825
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.2 48.4



#52
 Toluene
 Concen: 51.325 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 92 Resp: 591248
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.3 207.5

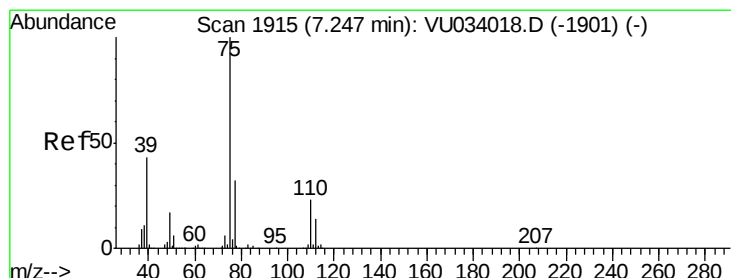
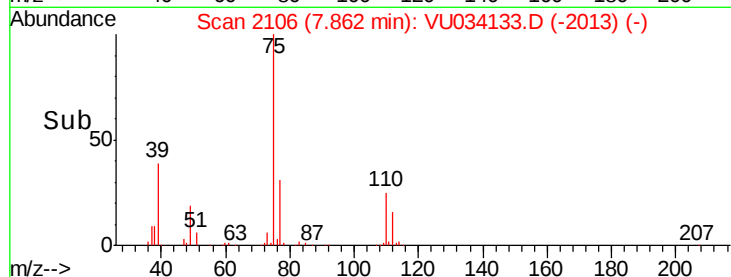
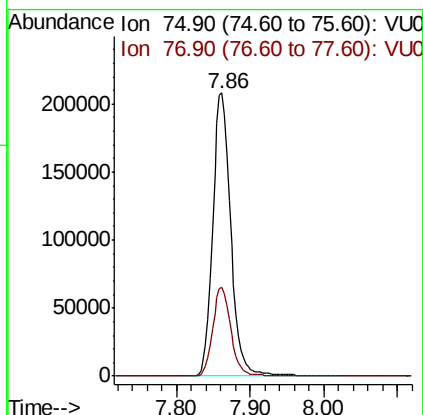
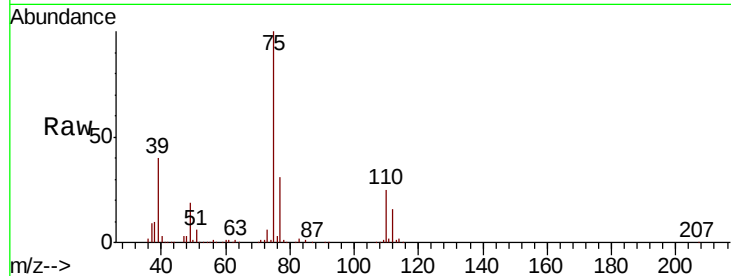




#53
 t-1,3-Dichloropropene
 Concen: 49.137 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

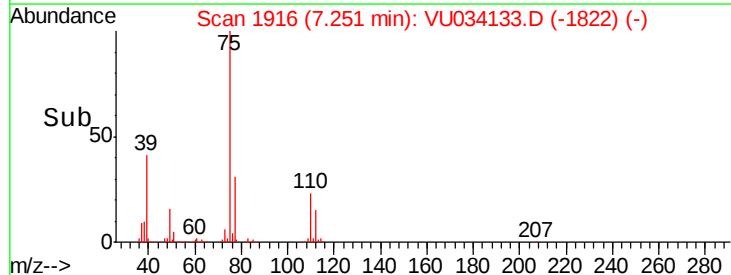
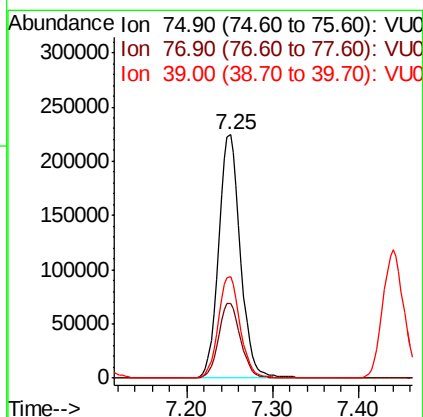
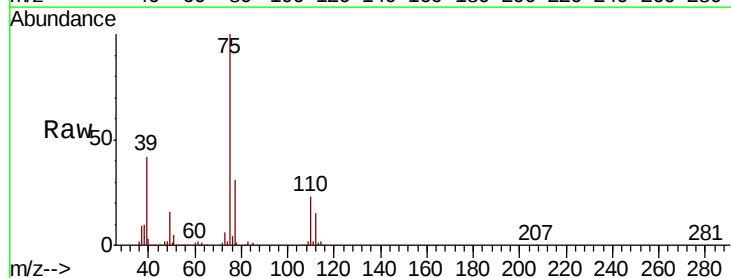
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 353772
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.114 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 75 Resp: 394180
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 41.4 34.6 51.8

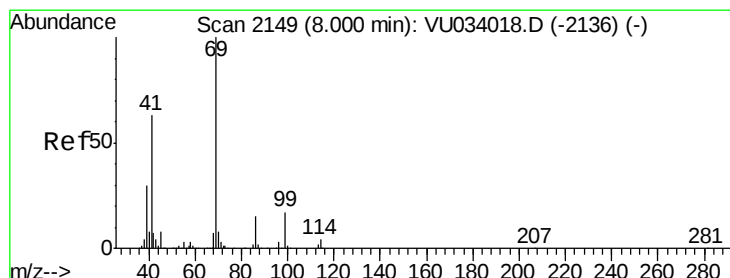
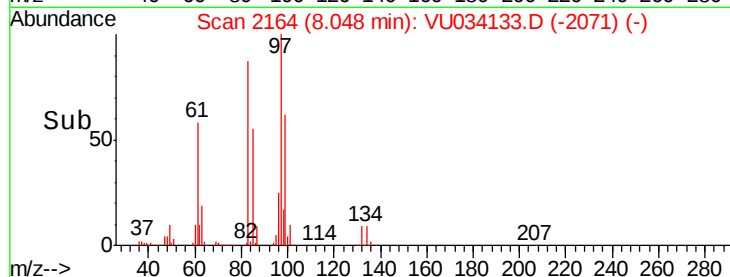
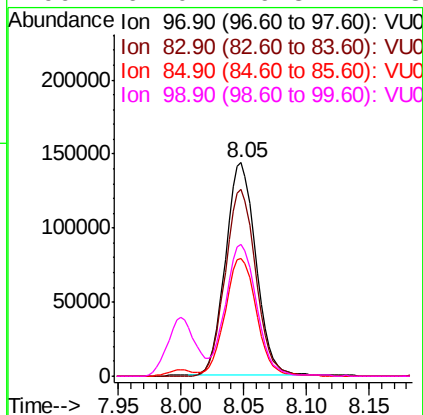
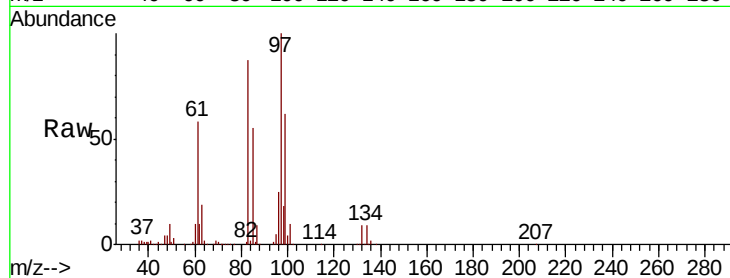




#55
 1,1,2-Trichloroethane
 Concen: 49.612 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

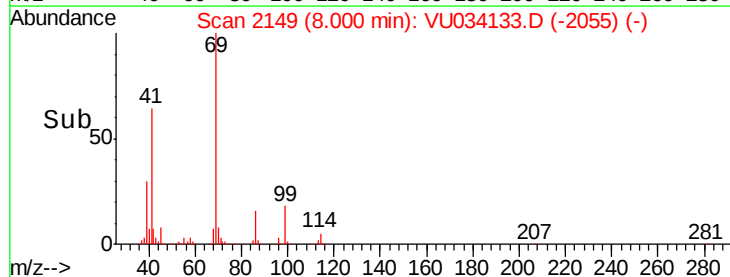
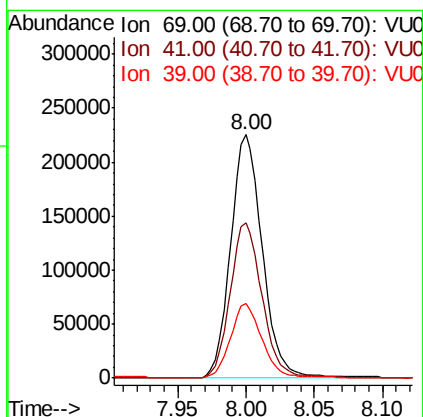
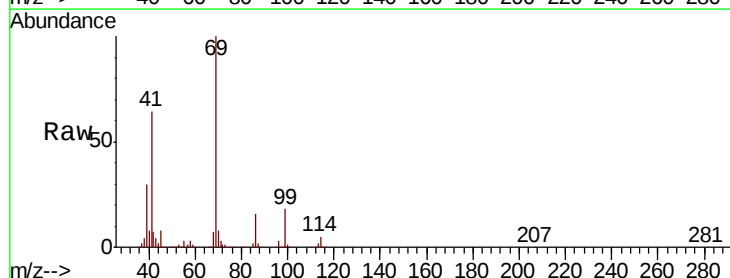
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

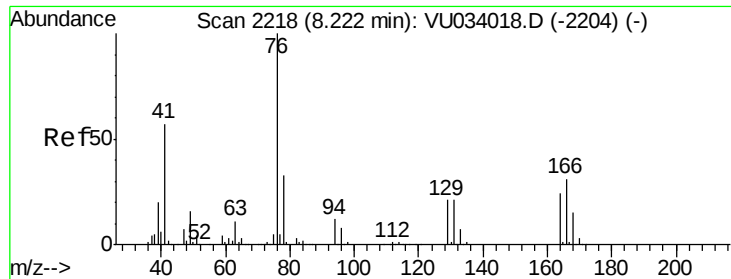
Tgt Ion:	97	Resp:	241747
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.1	105.1
85	55.2	45.0	67.4
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 45.067 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion:	69	Resp:	363469
Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.7	76.1
39	30.5	24.2	36.2





#57

1,3-Dichloropropane

Concen: 50.105 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

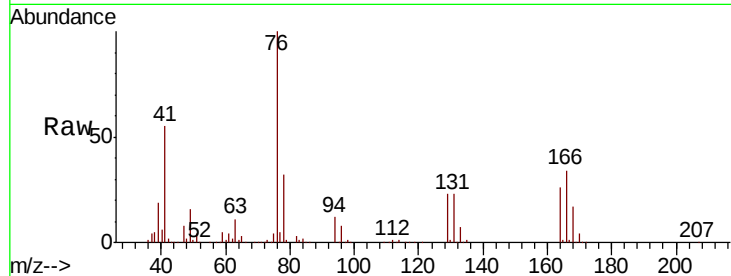
VSTDCCC050

Tgt Ion: 76 Resp: 414551

Ion Ratio Lower Upper

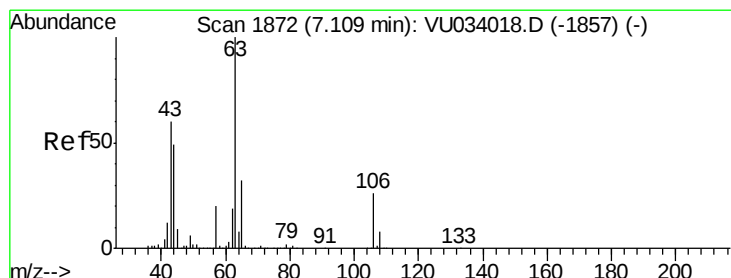
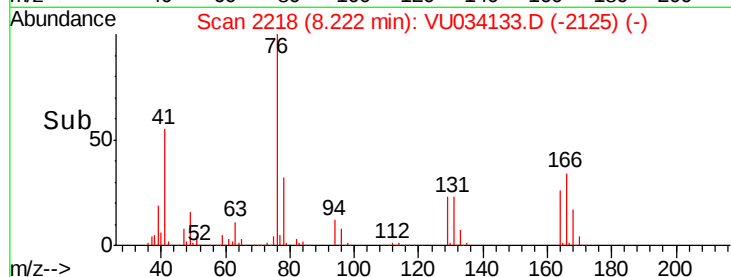
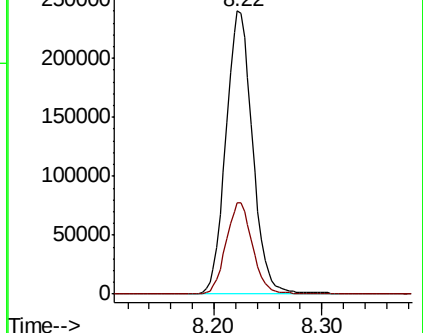
76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-2204) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 230.867 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034133.D

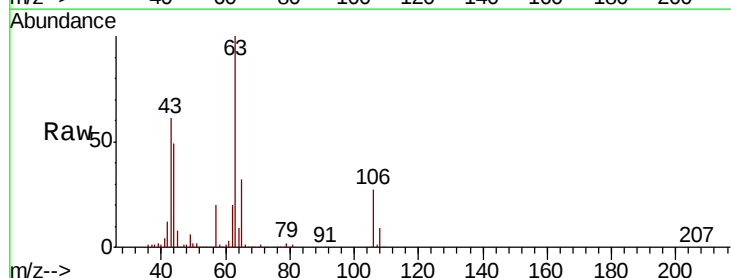
Acq: 31 Aug 2019 19:57

Tgt Ion: 63 Resp: 622357

Ion Ratio Lower Upper

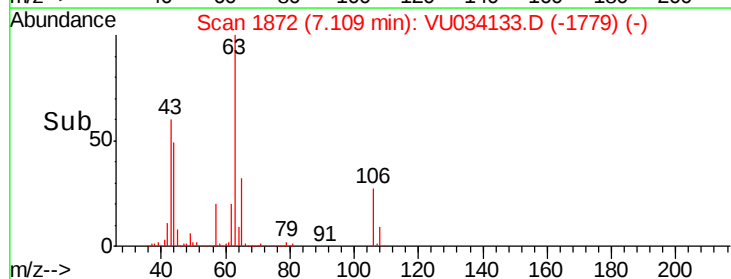
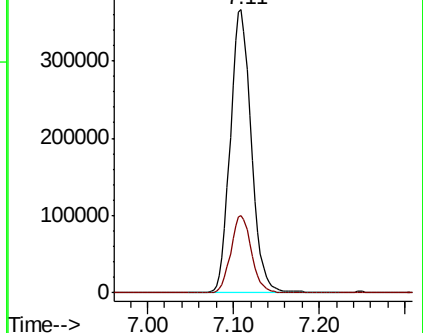
63 100

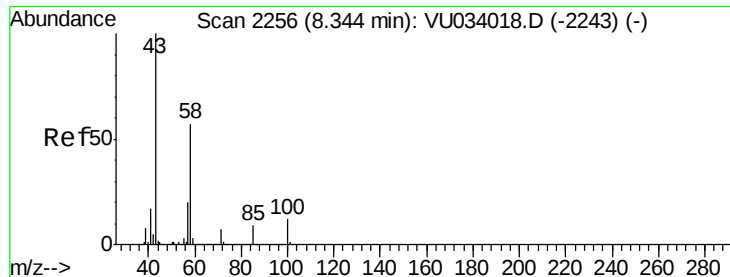
106 26.7 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-1857) (-)

Ion 105.90 (105.60 to 106.60): VU034018.D (-1857) (-)

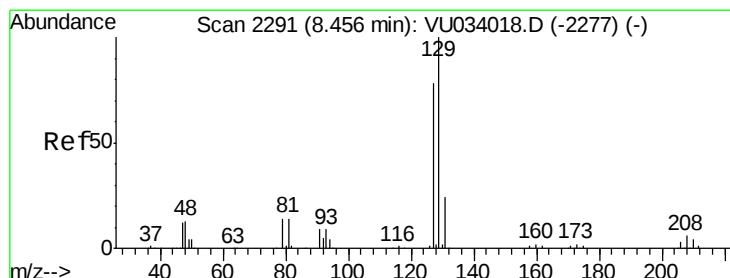
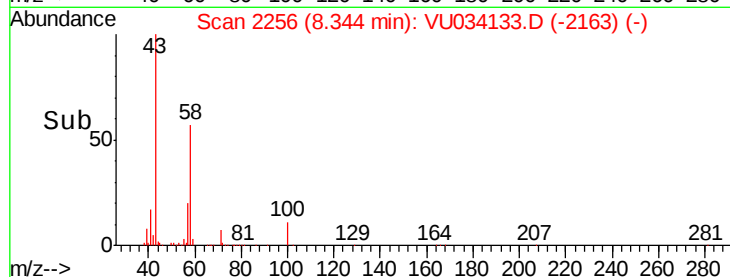
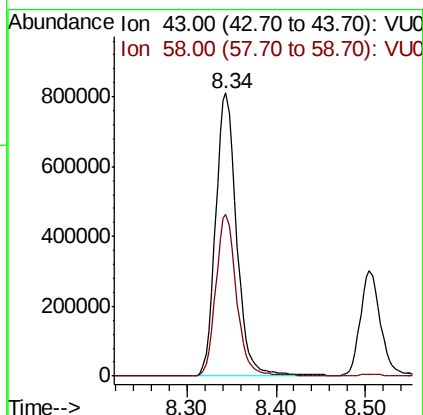
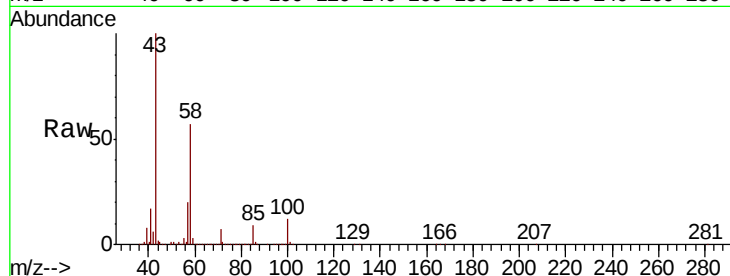




#59
2-Hexanone
Concen: 241.093 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

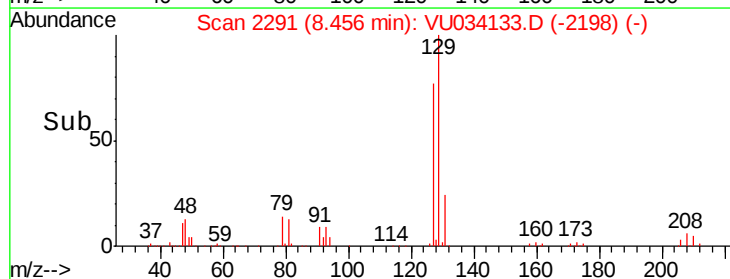
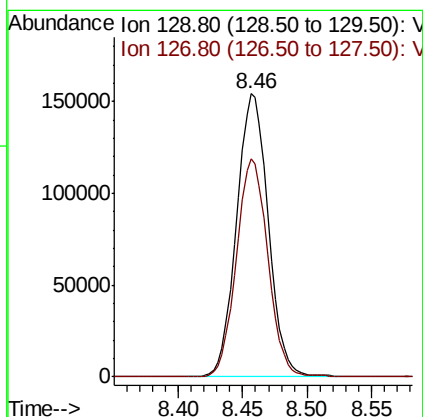
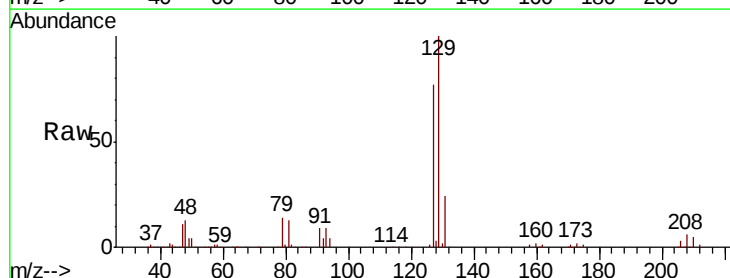
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

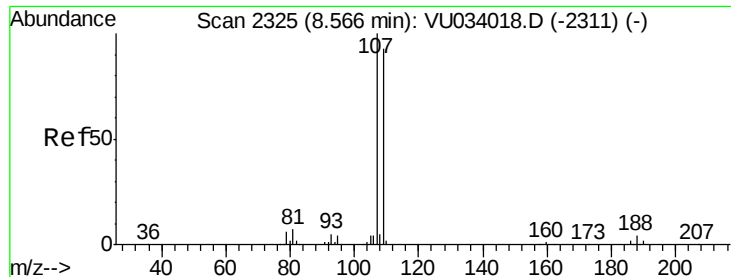
Tgt Ion: 43 Resp: 1323520
Ion Ratio Lower Upper
43 100
58 56.7 28.4 85.3



#60
Dibromochloromethane
Concen: 50.478 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 129 Resp: 264028
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 48.902 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

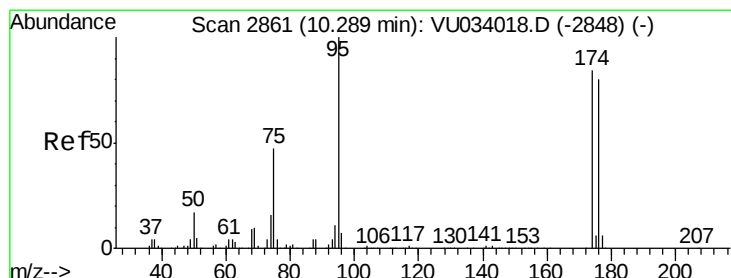
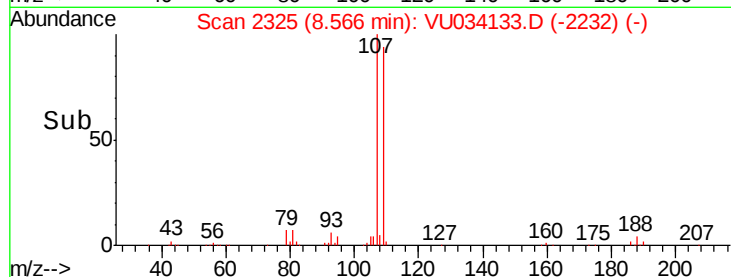
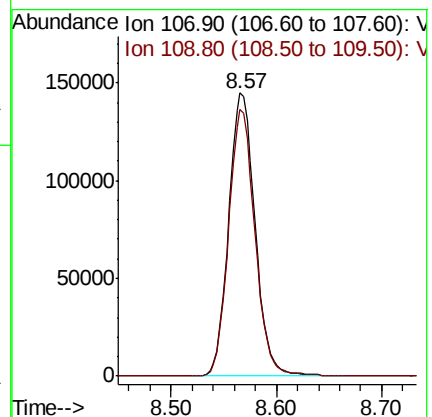
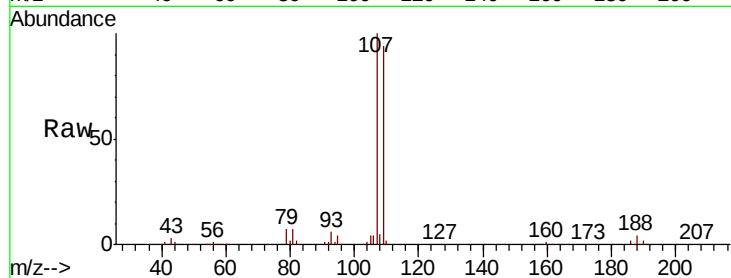
VSTDCCC050

Tgt Ion: 107 Resp: 251012

Ion Ratio Lower Upper

107 100

109 94.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 48.988 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

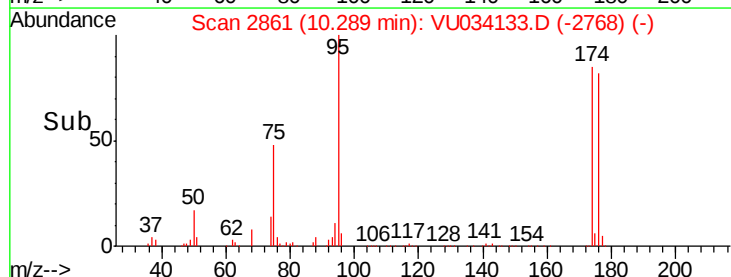
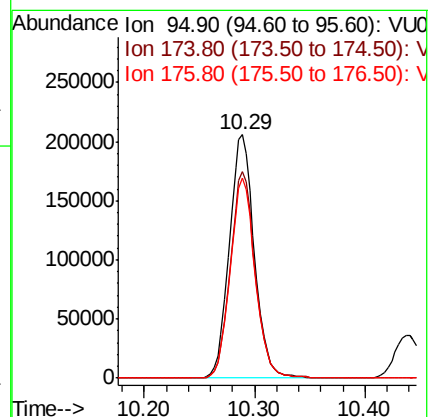
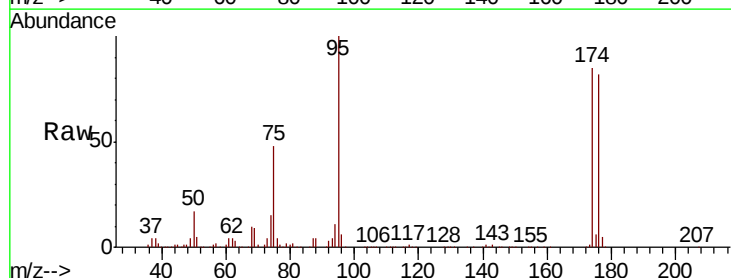
Tgt Ion: 95 Resp: 323387

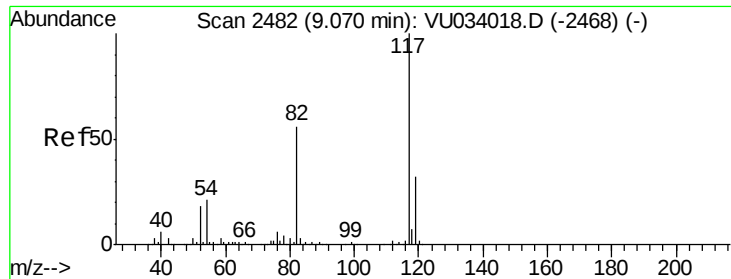
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.8

176 82.0 0.0 161.8

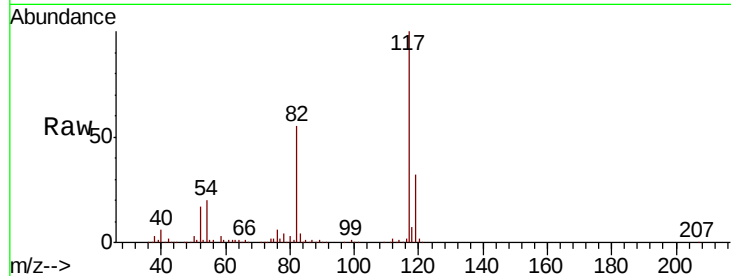




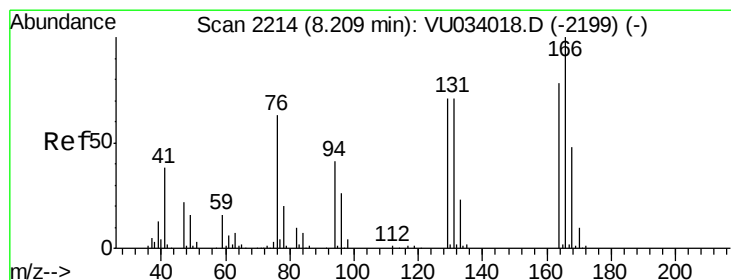
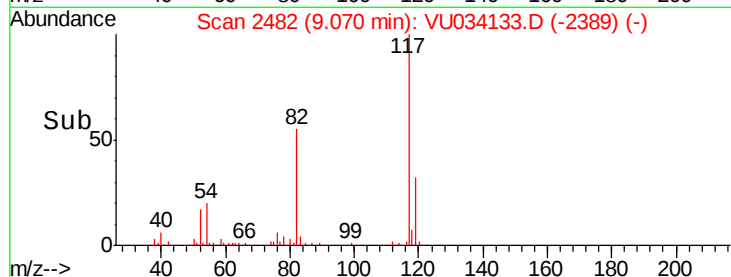
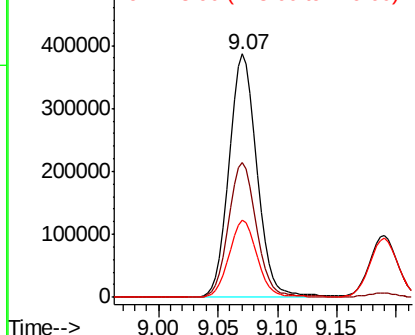
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 631960
Ion Ratio Lower Upper
117 100
82 55.3 45.1 67.7
119 31.5 25.4 38.0

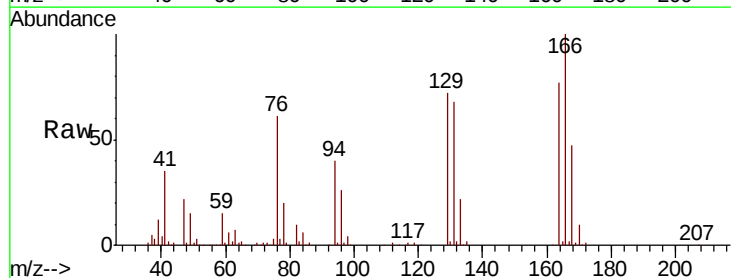


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

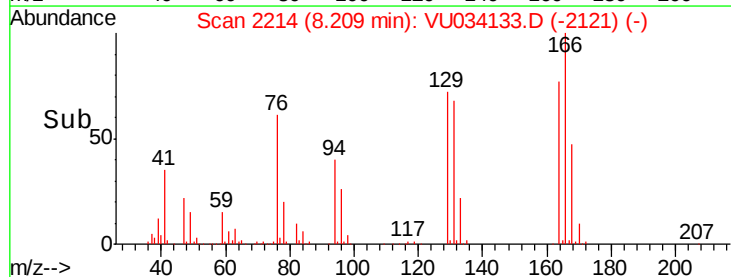
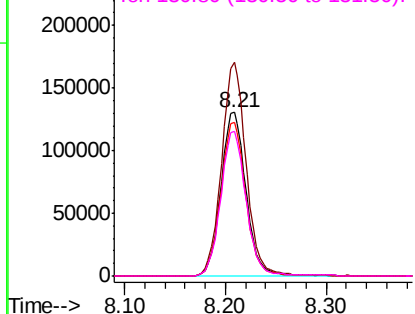


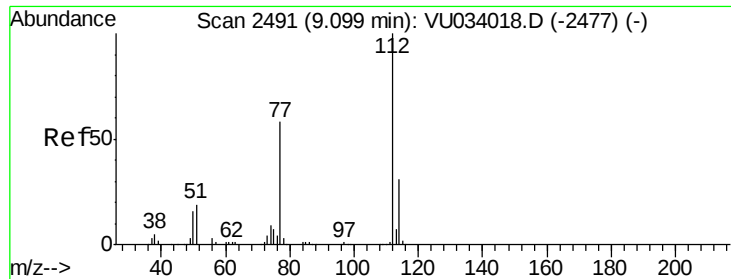
#64
Tetrachloroethene
Concen: 53.560 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion:164 Resp: 227308
Ion Ratio Lower Upper
164 100
166 130.5 102.2 153.2
129 94.0 72.4 108.6
131 88.4 72.1 108.1



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

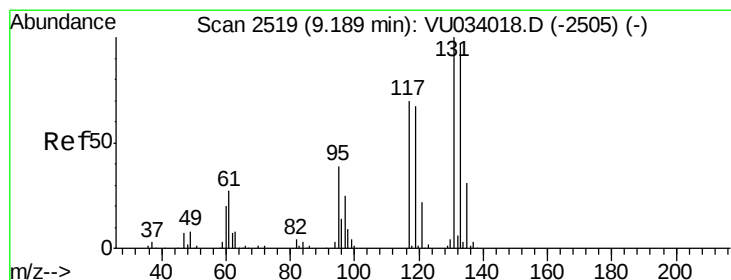
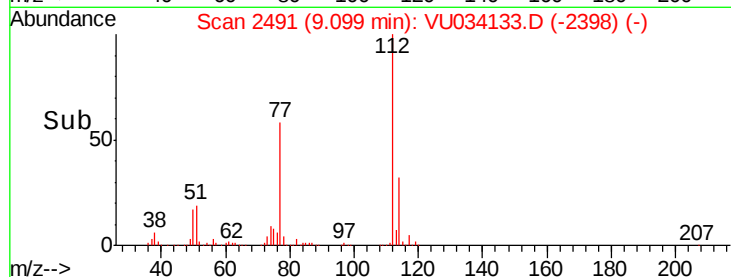
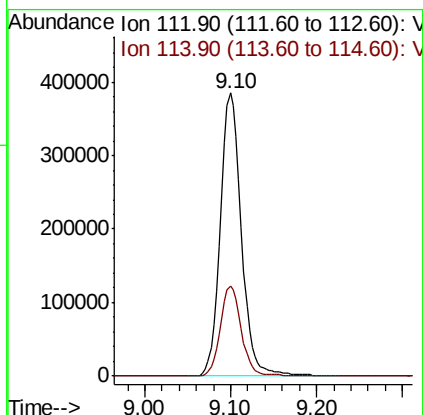
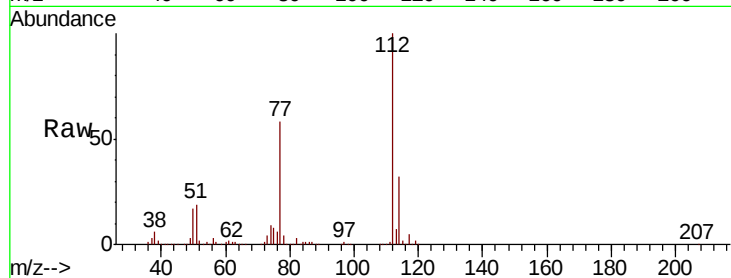




#65
Chlorobenzene
Concen: 50.465 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

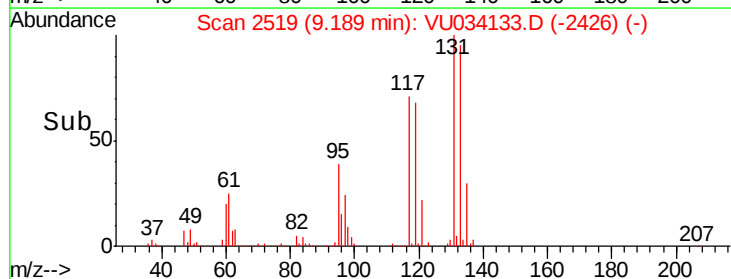
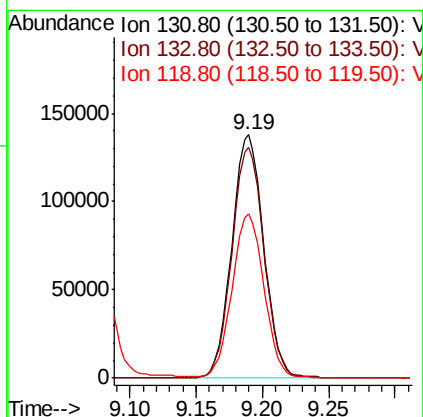
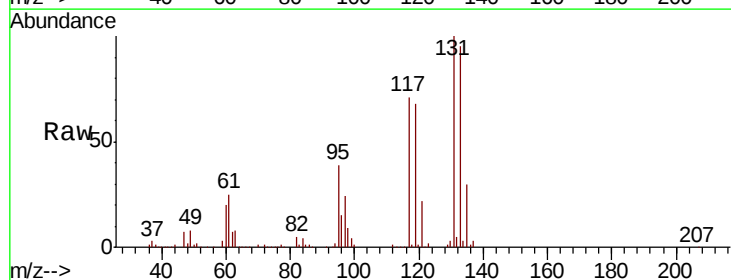
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

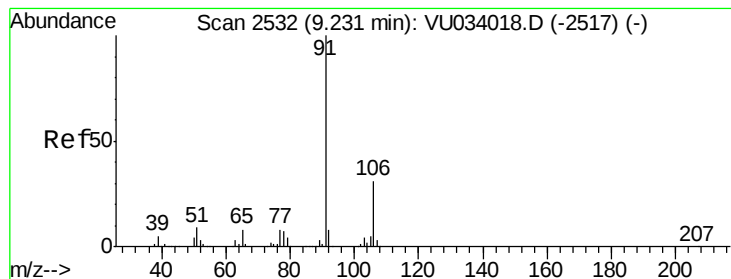
Tgt Ion:112 Resp: 656296
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.951 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion:131 Resp: 230844
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 67.1 33.6 100.6





#67

Ethyl Benzene

Concen: 51.030 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

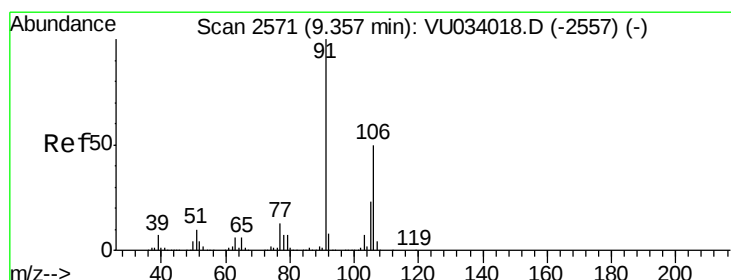
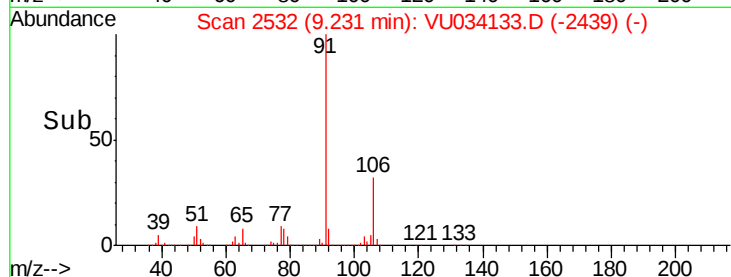
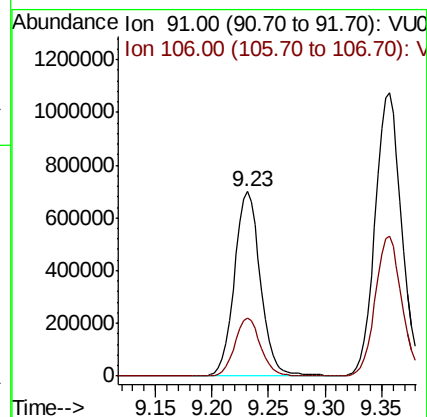
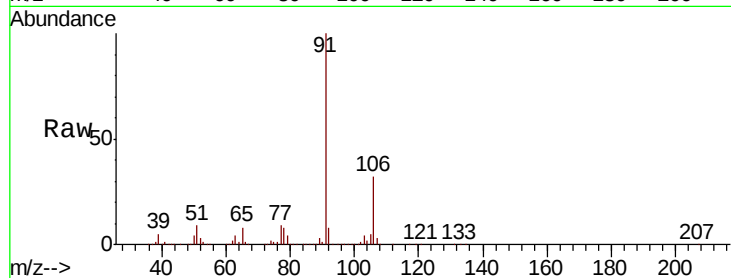
VSTDCCC050

Tgt Ion: 91 Resp: 1124983

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 103.986 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034133.D

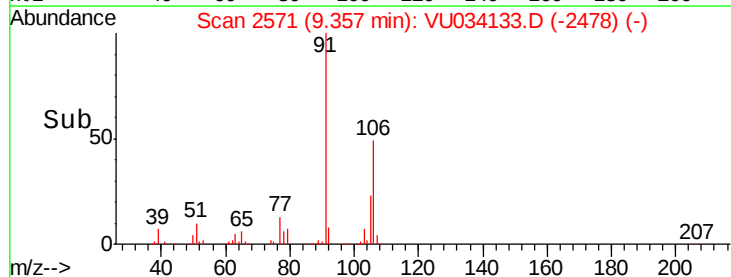
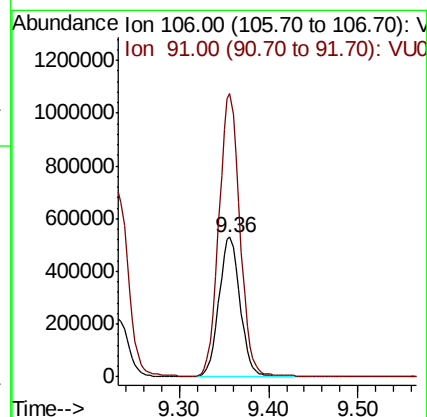
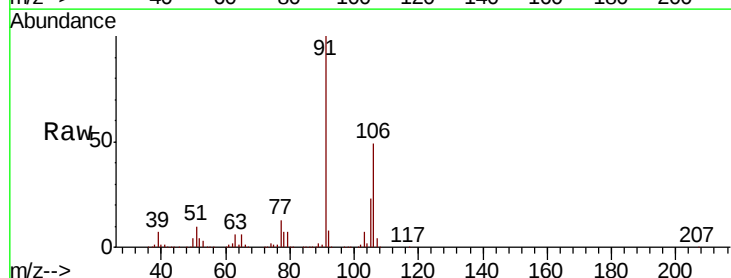
Acq: 31 Aug 2019 19:57

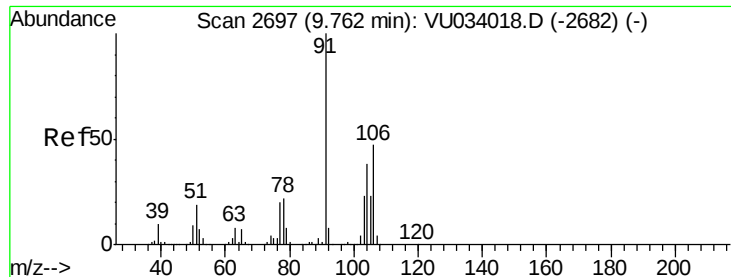
Tgt Ion: 106 Resp: 871667

Ion Ratio Lower Upper

106 100

91 201.3 161.6 242.4

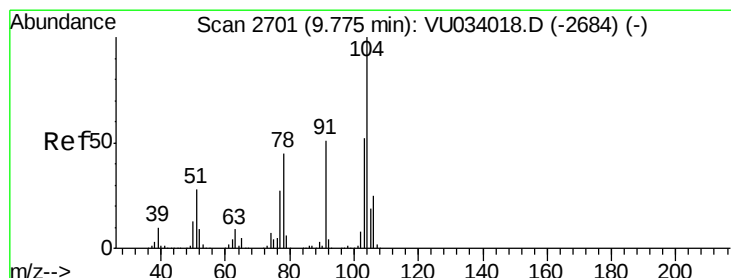
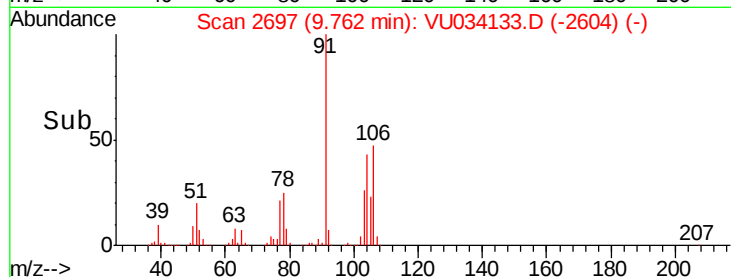
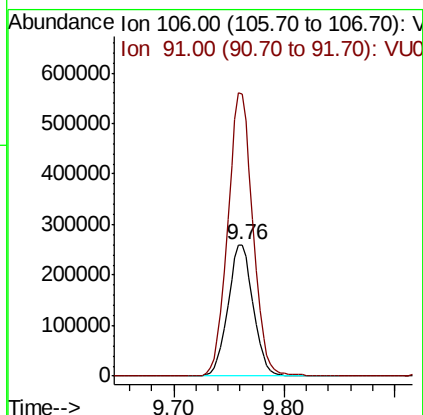
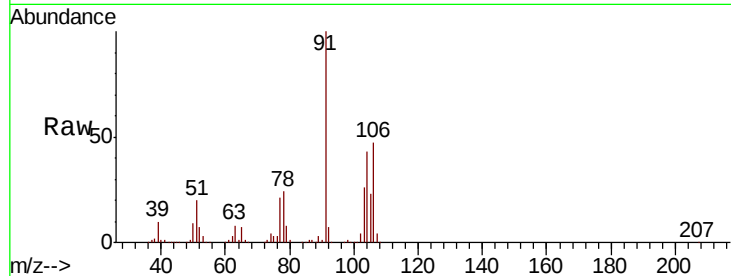




#69
o-Xylene
Concen: 51.483 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

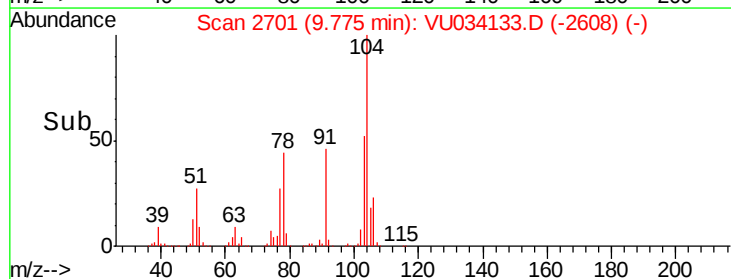
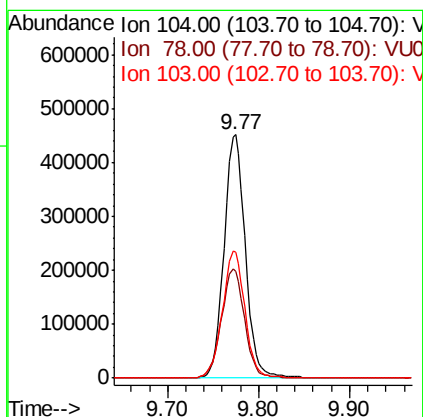
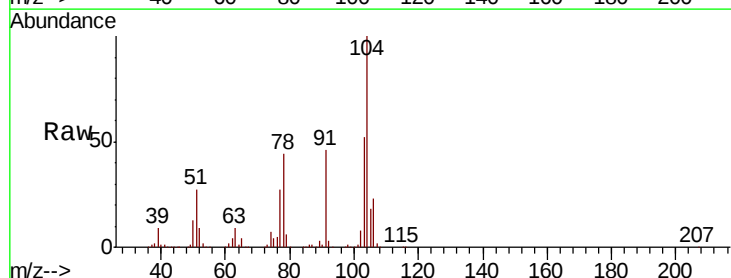
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

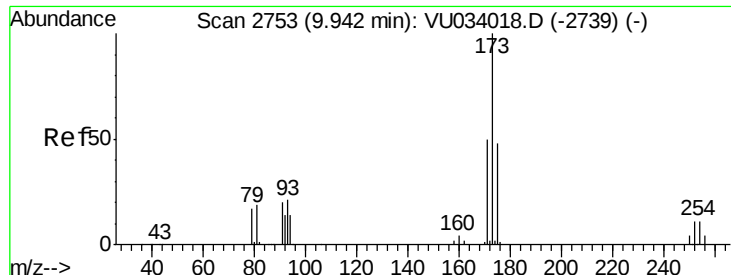
Tgt Ion:106 Resp: 414033
Ion Ratio Lower Upper
106 100
91 213.7 106.0 318.0



#70
Styrene
Concen: 53.409 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion:104 Resp: 736467
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 55.2 44.0 66.0





#71

Bromoform

Concen: 48.341 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

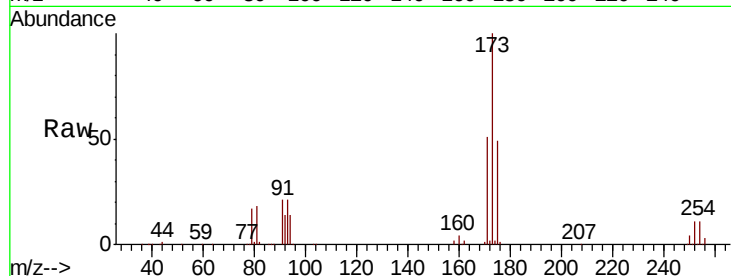
Tgt Ion:173 Resp: 198066

Ion Ratio Lower Upper

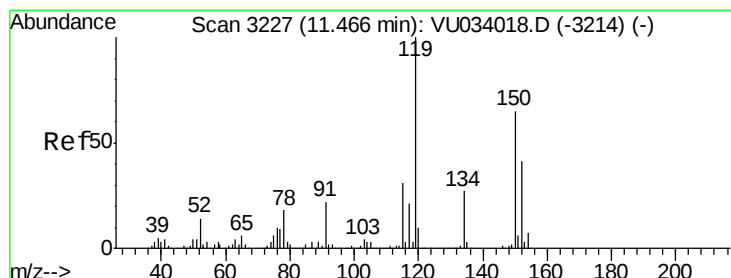
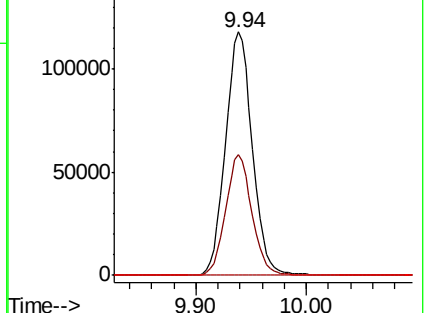
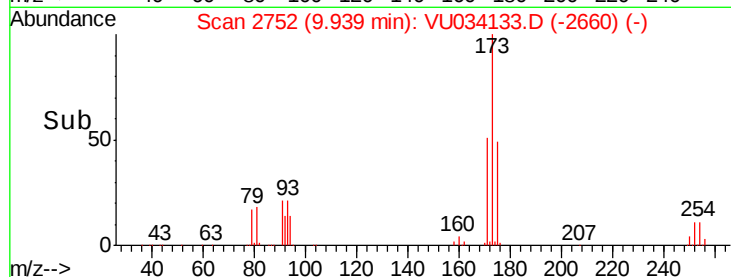
173 100

175 48.5 24.6 73.6

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

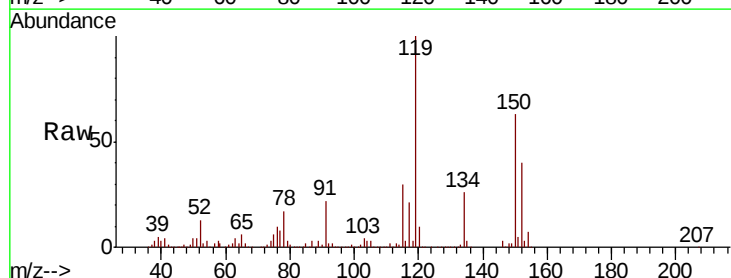
Tgt Ion:152 Resp: 338273

Ion Ratio Lower Upper

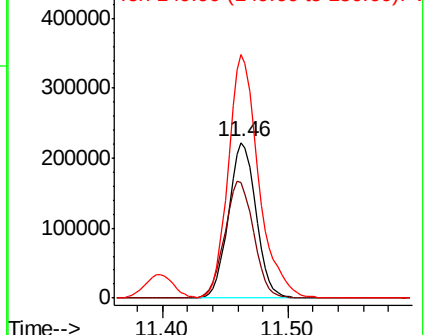
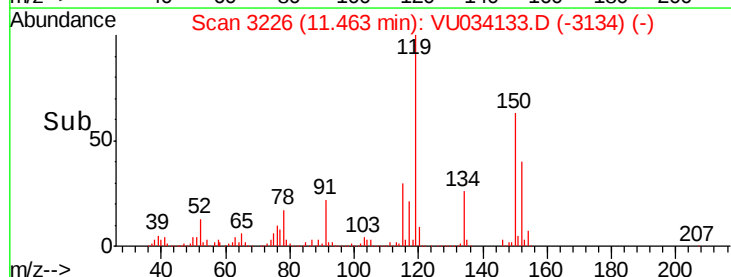
152 100

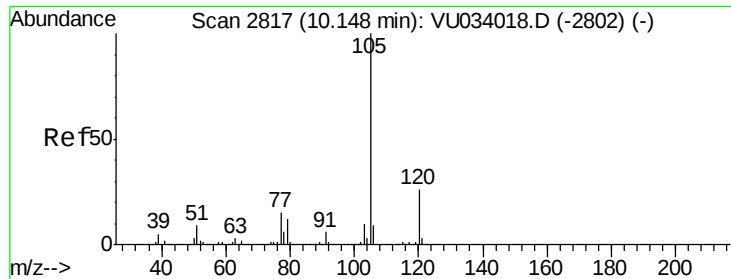
115 79.0 41.1 123.3

150 171.9 0.0 348.8



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





#73

Isopropylbenzene

Concen: 49.386 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

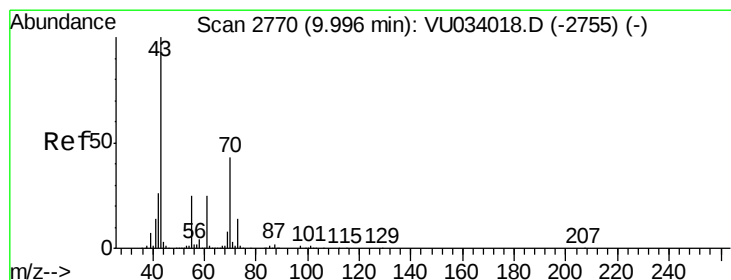
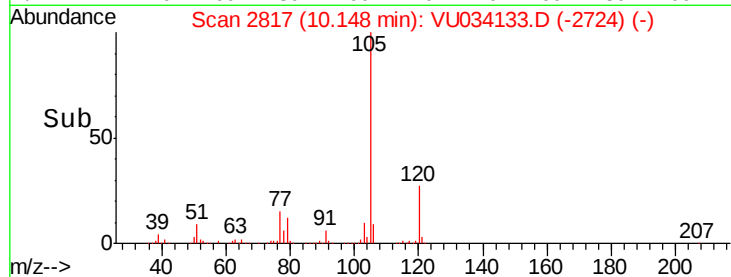
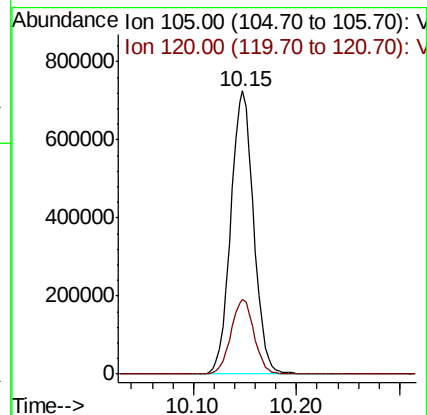
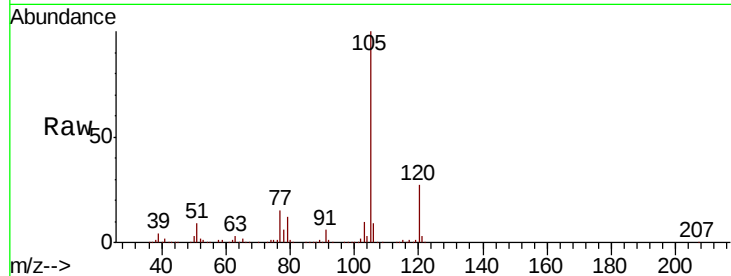
VSTDCCC050

Tgt Ion: 105 Resp: 1122126

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 49.492 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Tgt Ion: 43 Resp: 472970

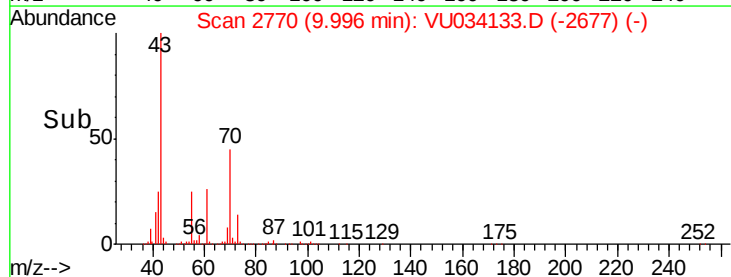
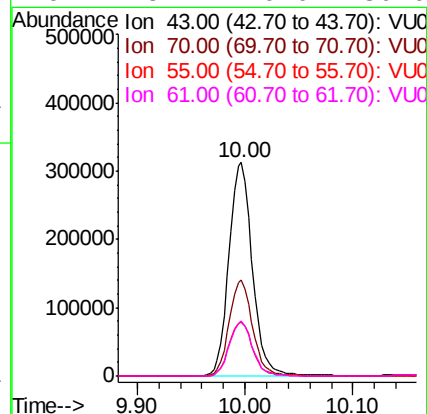
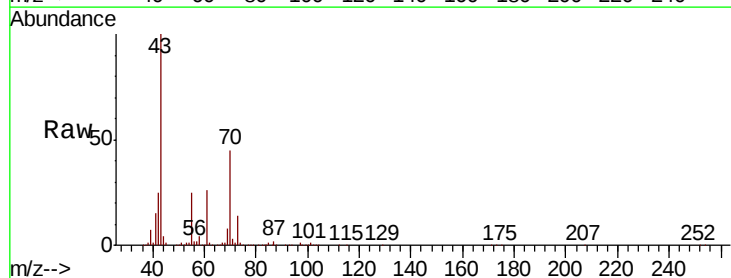
Ion Ratio Lower Upper

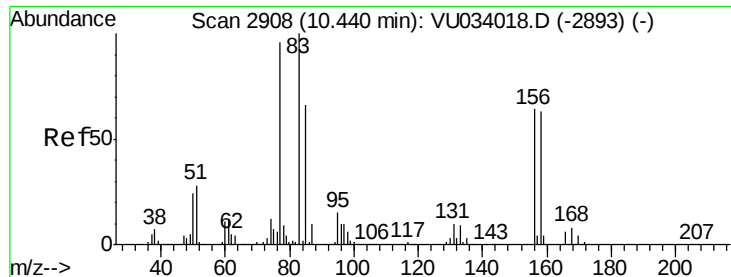
43 100

70 44.8 35.2 52.8

55 26.0 20.5 30.7

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.883 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

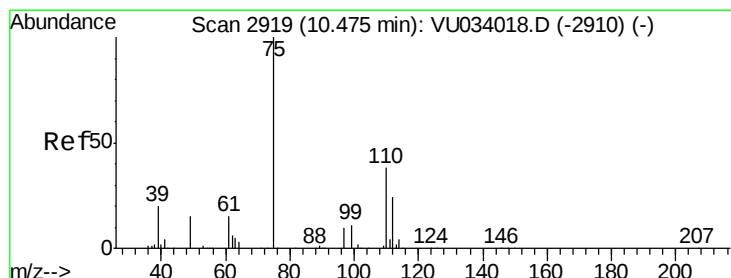
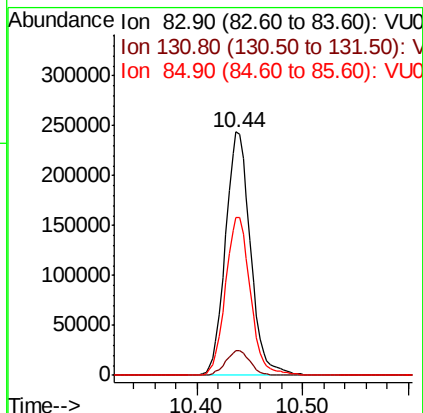
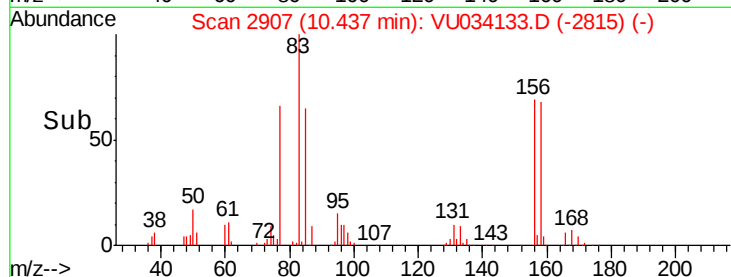
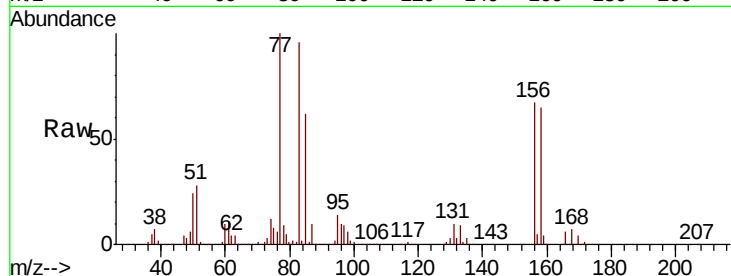
Tgt Ion: 83 Resp: 399028

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 65.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 57.052 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034133.D

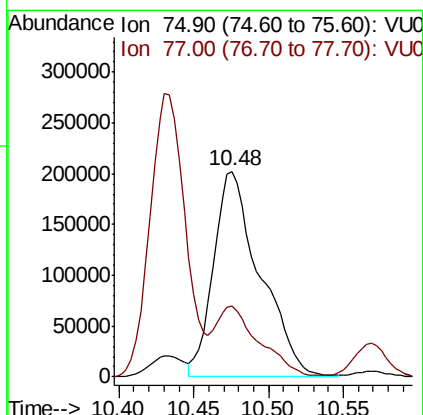
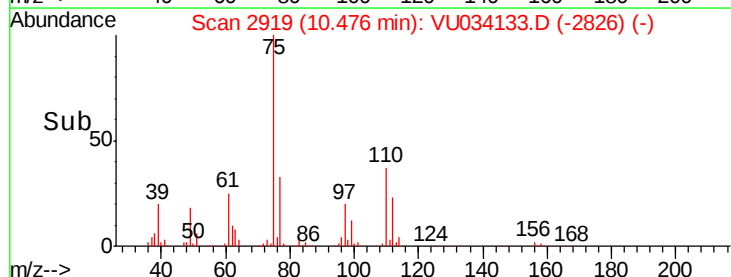
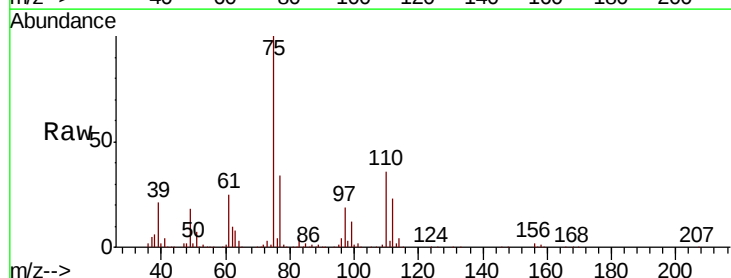
Acq: 31 Aug 2019 19:57

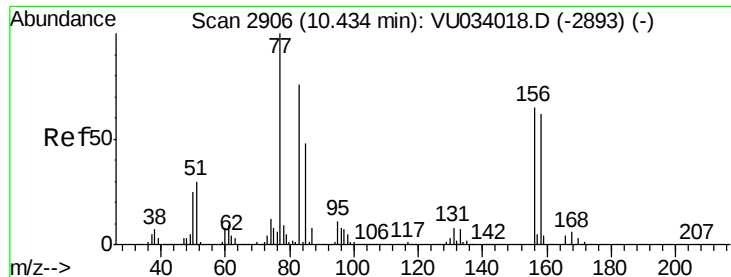
Tgt Ion: 75 Resp: 434966

Ion Ratio Lower Upper

75 100

77 32.3 20.1 60.2





#77

Bromobenzene

Concen: 48.339 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

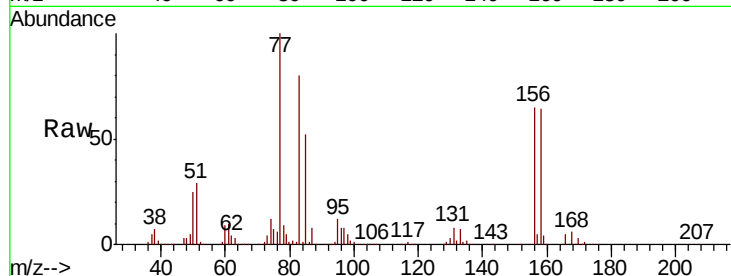
Tgt Ion:156 Resp: 295458

Ion Ratio Lower Upper

156 100

77 155.9 76.8 230.5

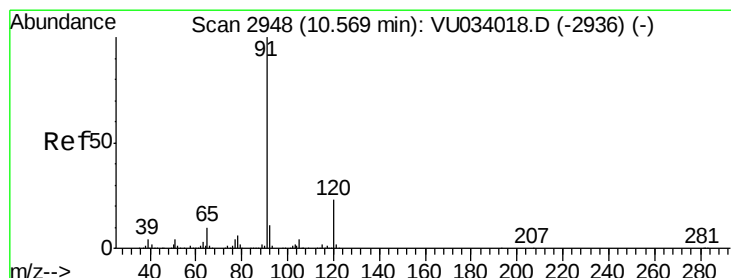
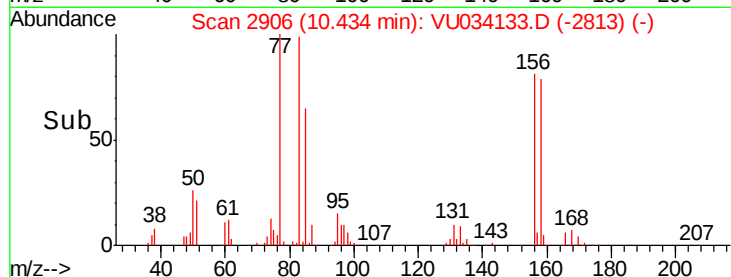
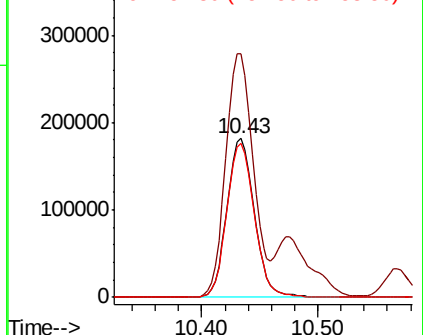
158 97.7 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.928 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034133.D

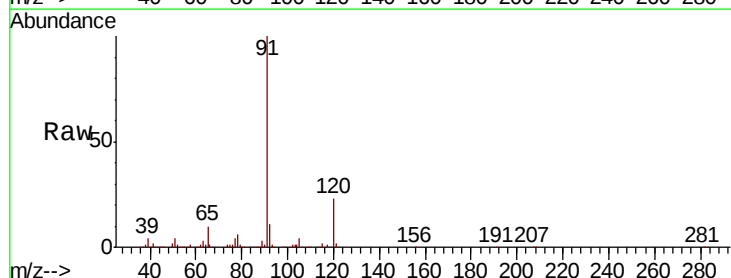
Acq: 31 Aug 2019 19:57

Tgt Ion: 91 Resp: 1321167

Ion Ratio Lower Upper

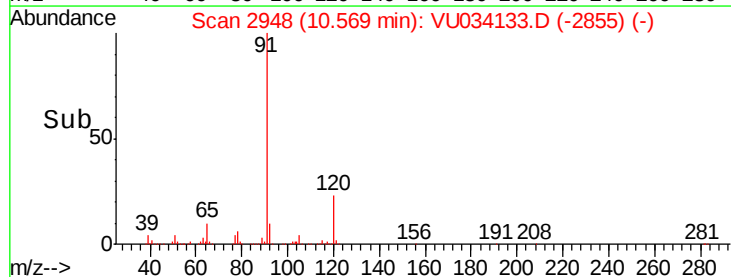
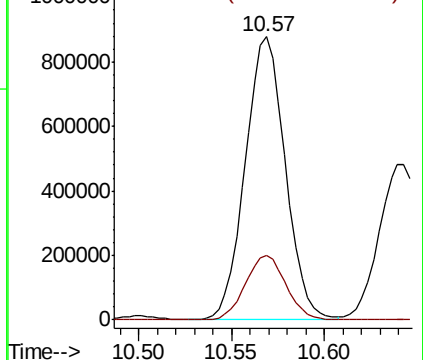
91 100

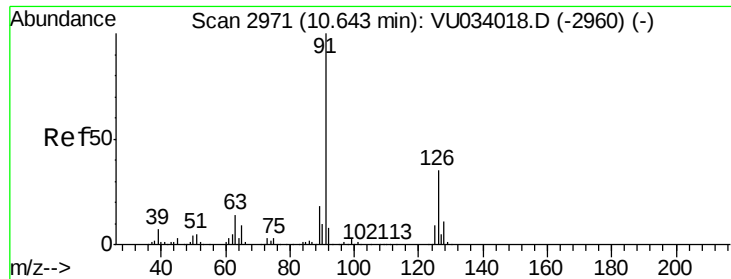
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.398 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

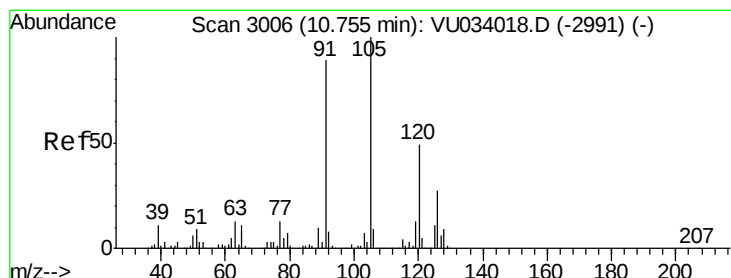
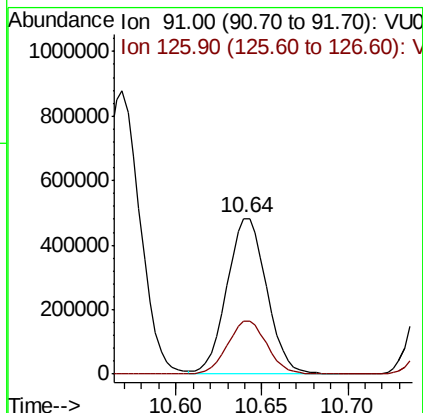
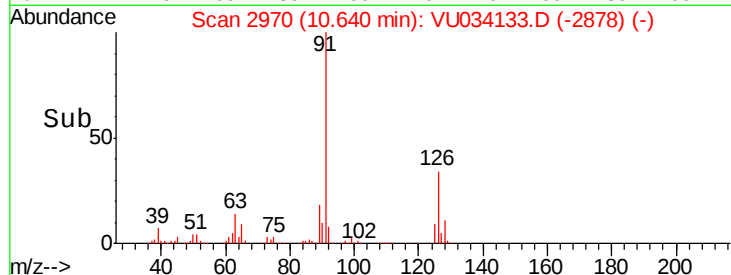
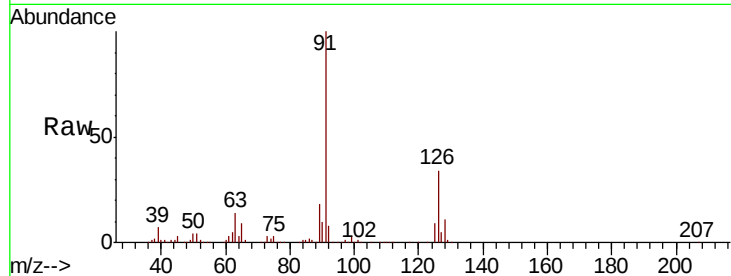
VSTDCCC050

Tgt Ion: 91 Resp: 768169

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 50.290 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034133.D

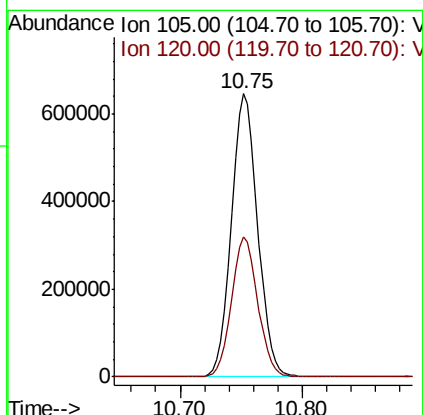
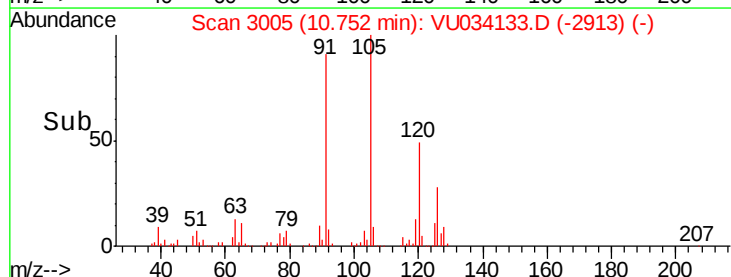
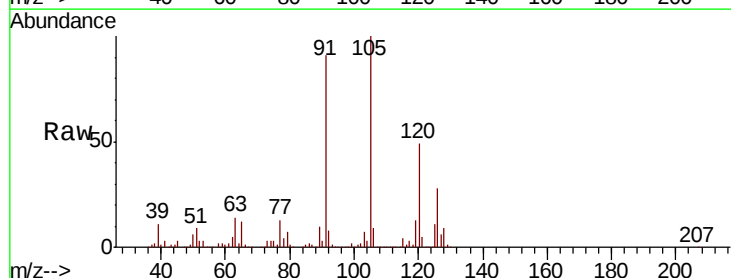
Acq: 31 Aug 2019 19:57

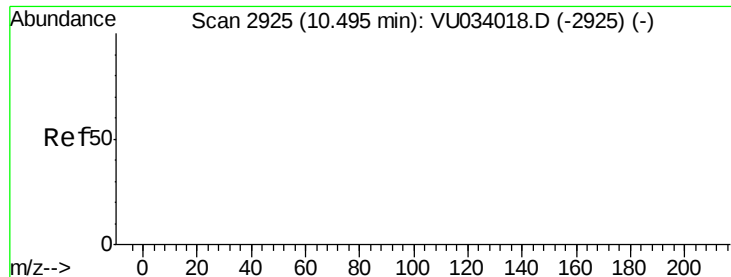
Tgt Ion: 105 Resp: 968489

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 192.693 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

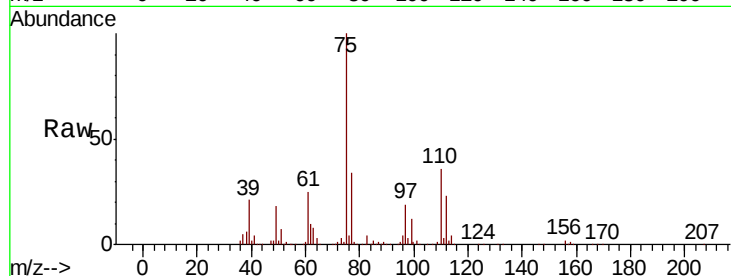
Tgt Ion: 75 Resp: 436293

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

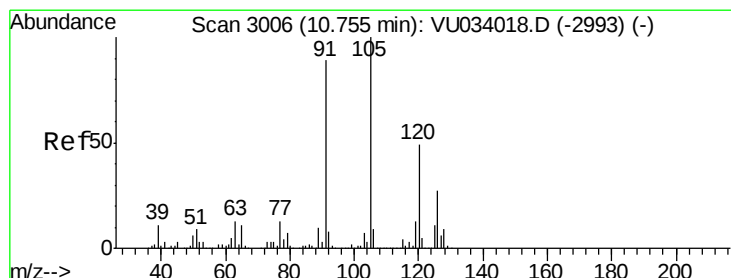
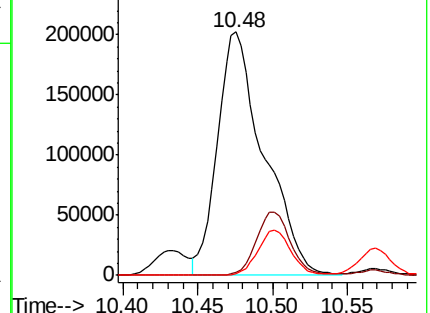
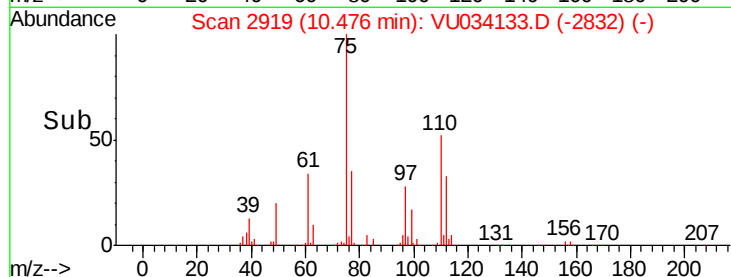
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-2925) (-)

Ion 53.00 (52.70 to 53.70): VU034018.D (-2925) (-)

Ion 88.90 (88.60 to 89.60): VU034018.D (-2925) (-)



#82

4-Chlorotoluene

Concen: 49.587 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034133.D

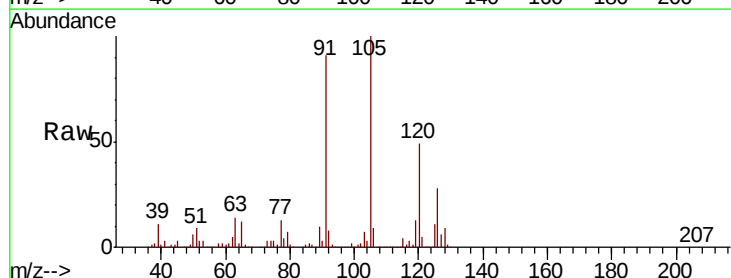
Acq: 31 Aug 2019 19:57

Tgt Ion: 91 Resp: 905142

Ion Ratio Lower Upper

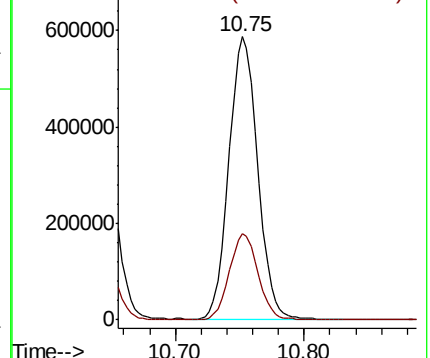
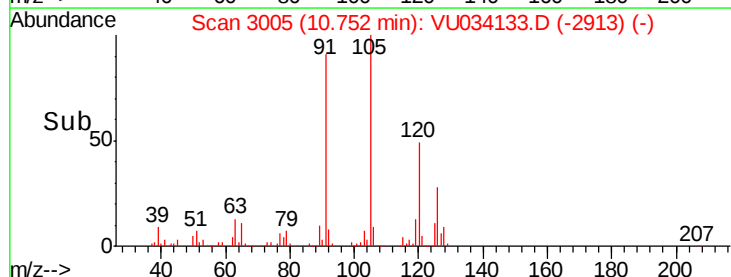
91 100

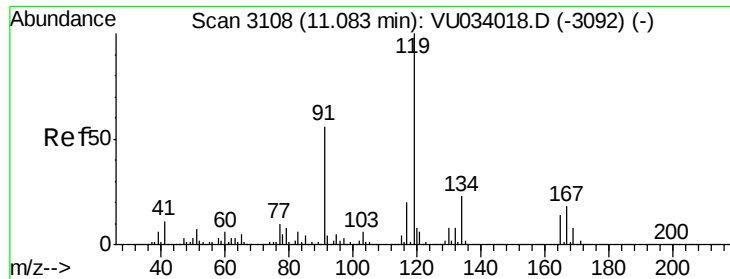
126 30.5 15.0 45.1



Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-2993) (-)

Ion 125.90 (125.60 to 126.60): VU034018.D (-2993) (-)

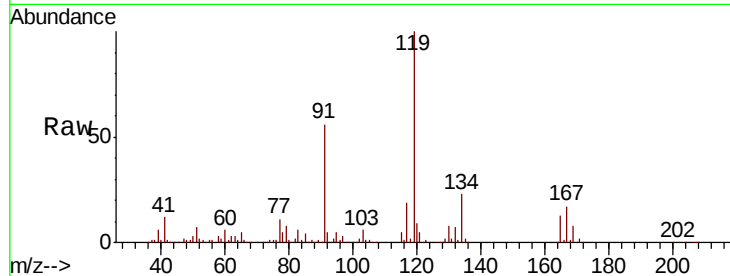




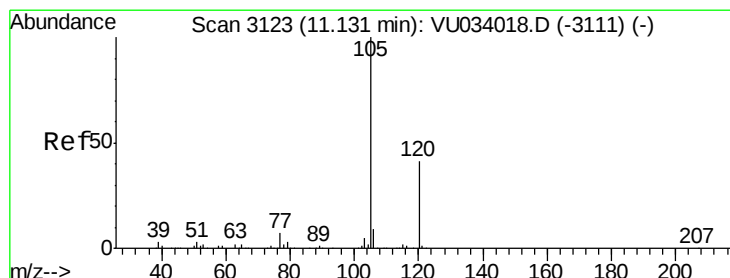
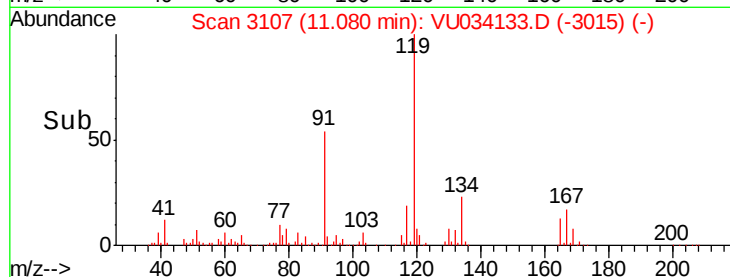
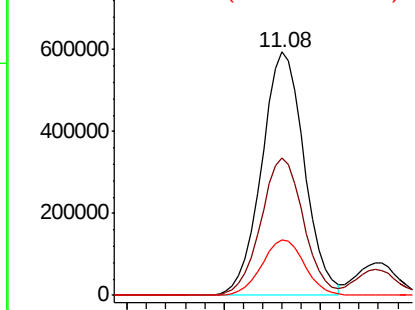
#83
 tert-Butylbenzene
 Concen: 48.113 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 912137
 Ion Ratio Lower Upper
 119 100
 91 56.4 27.9 83.6
 134 23.0 11.4 34.2

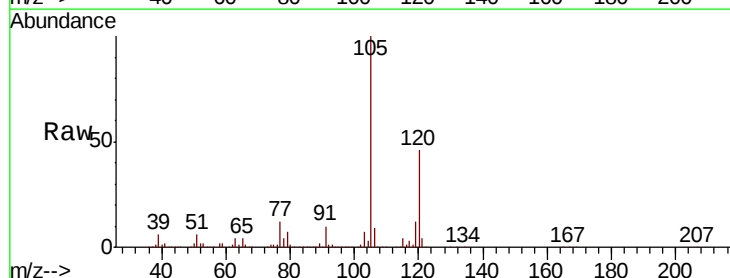


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

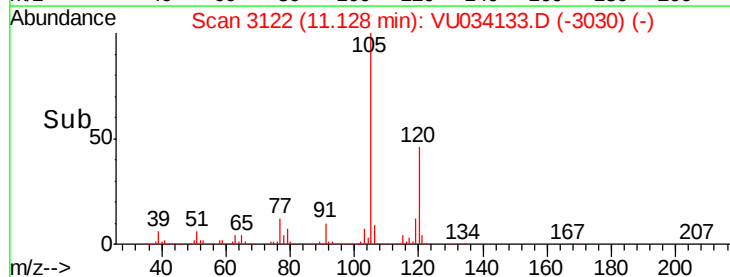
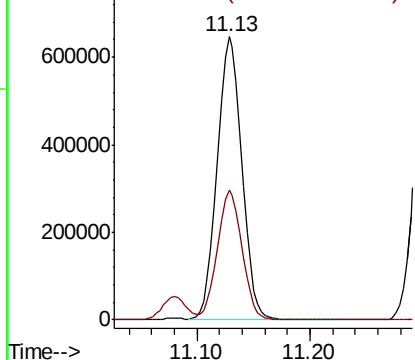


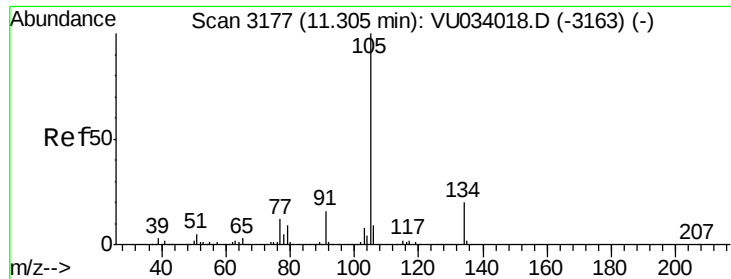
#84
 1,2,4-Trimethylbenzene
 Concen: 51.148 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion:105 Resp: 978098
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.6 67.8



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

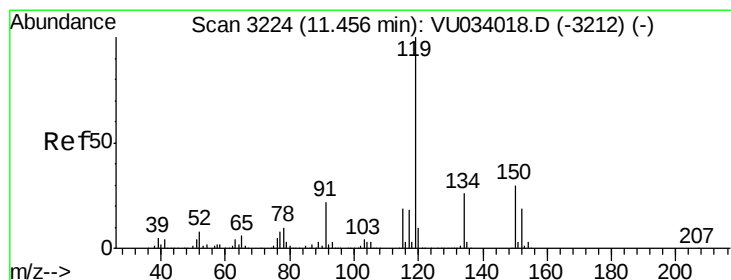
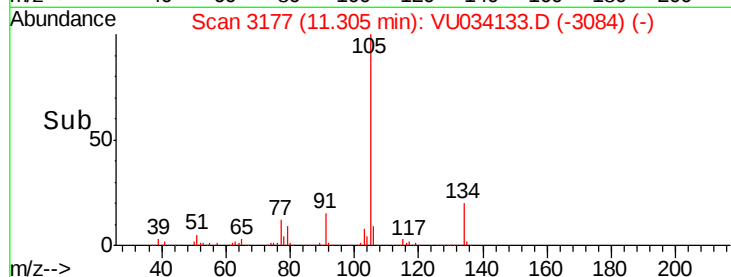
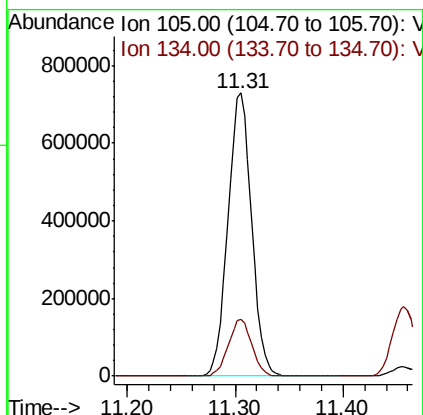
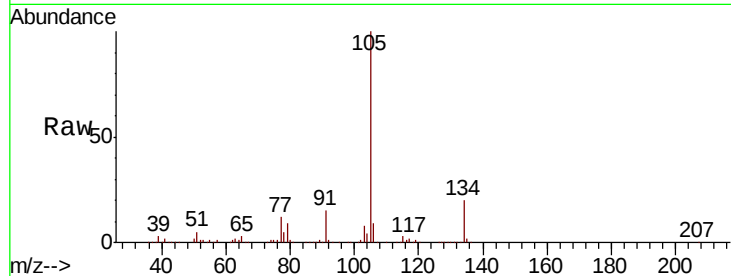




#85
 sec-Butylbenzene
 Concen: 48.907 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

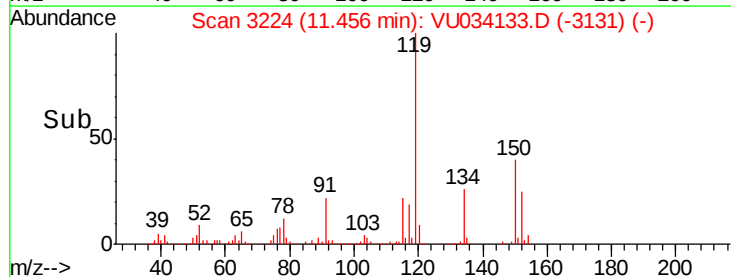
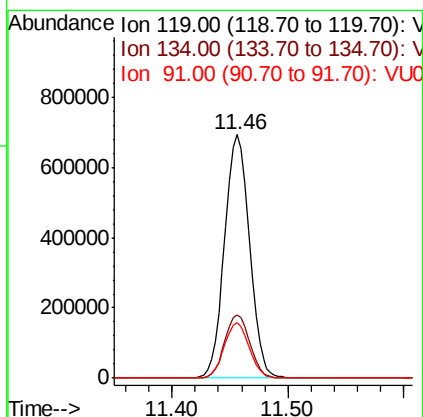
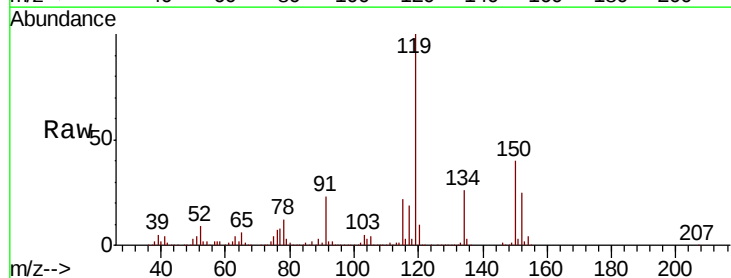
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

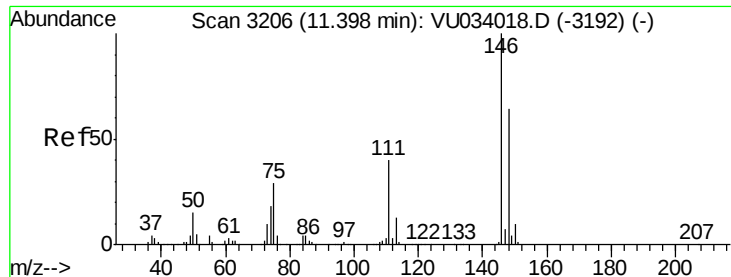
Tgt Ion:105 Resp: 1111265
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 50.022 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion:119 Resp: 1027983
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 22.7 11.2 33.6

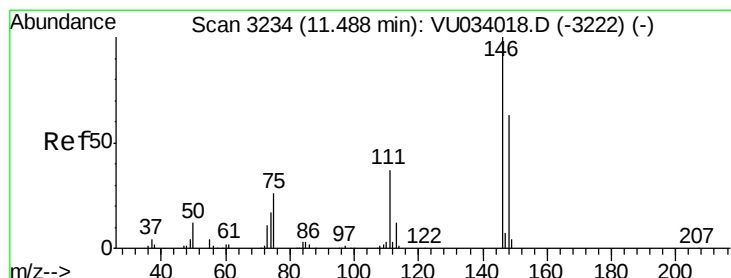
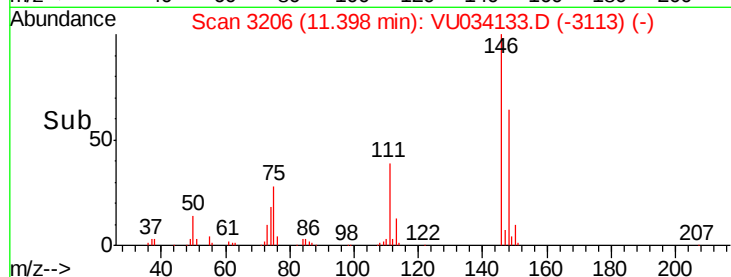
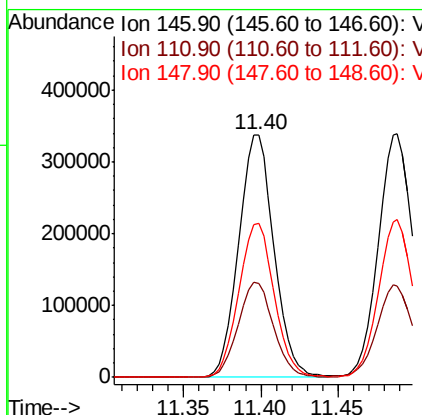
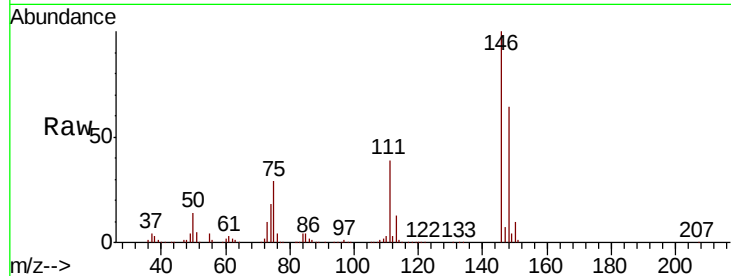




#87
 1,3-Dichlorobenzene
 Concen: 49.563 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

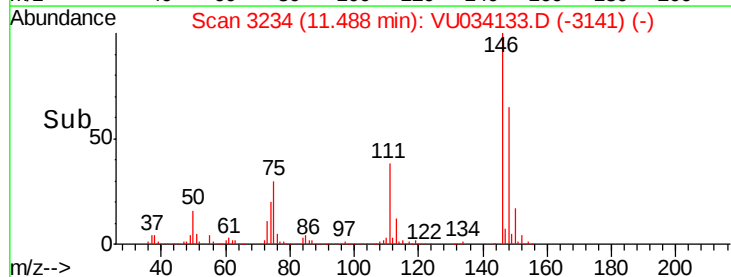
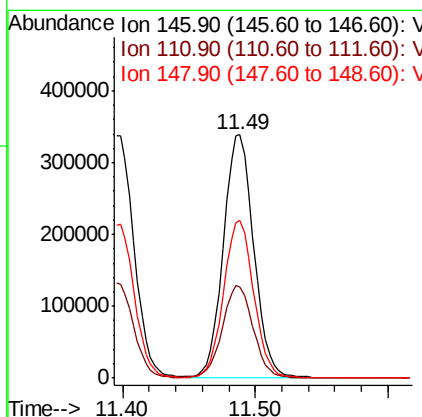
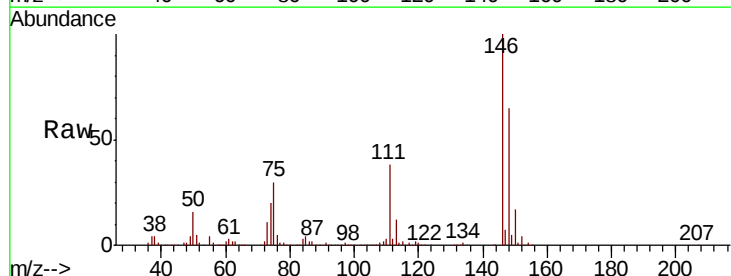
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

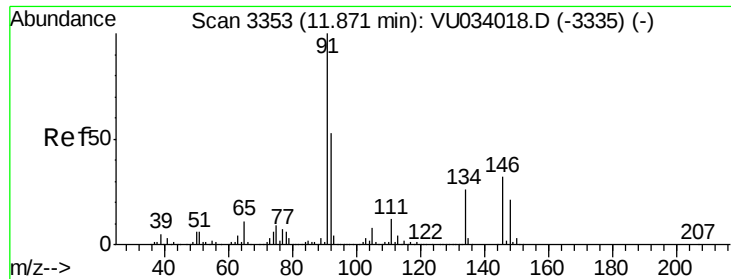
Tgt Ion:146 Resp: 536309
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.6
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.069 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion:146 Resp: 536977
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 64.6 31.9 95.9

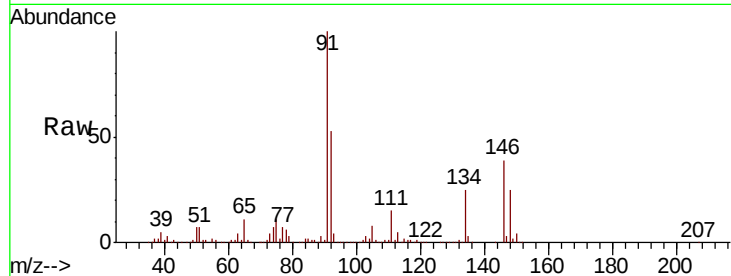




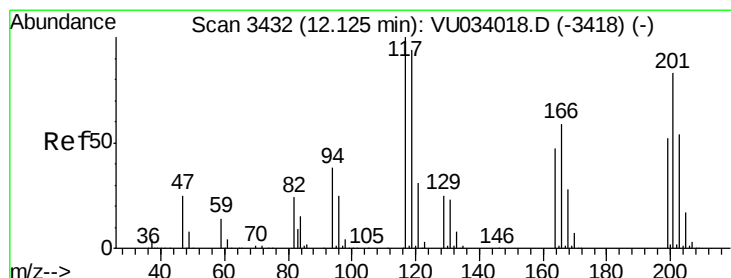
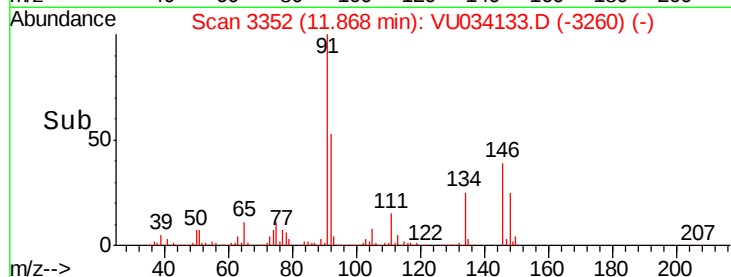
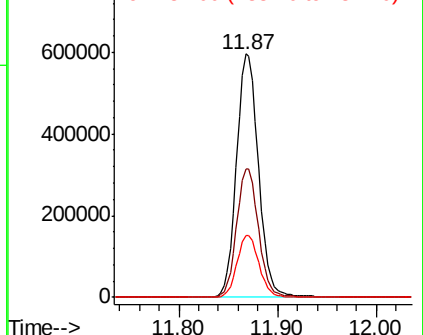
#89
n-Butylbenzene
Concen: 50.973 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 923552
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 25.8 12.9 38.7

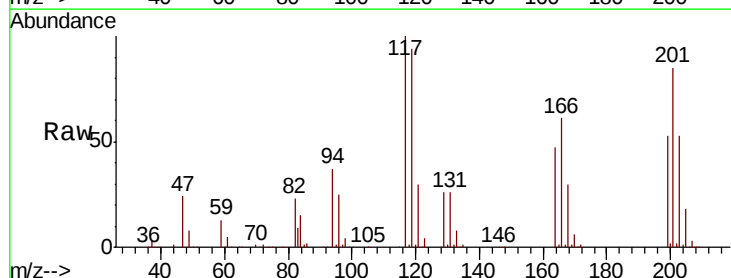


Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-3335) (-)
Ion 92.00 (91.70 to 92.70): VU034018.D (-3335) (-)
Ion 134.00 (133.70 to 134.70): VU034018.D (-3335) (-)

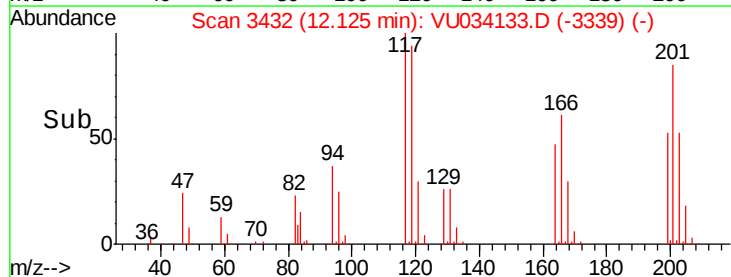
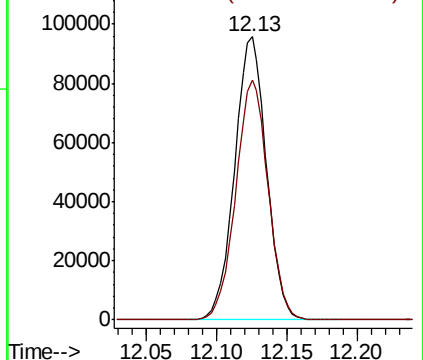


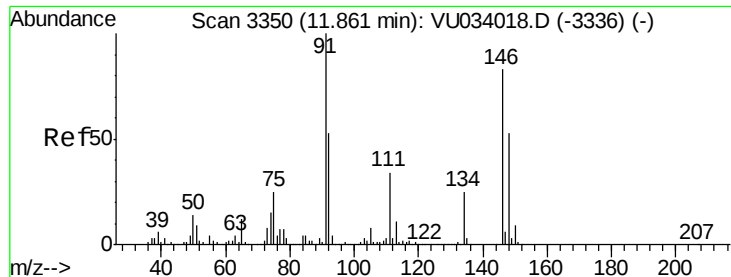
#90
Hexachloroethane
Concen: 42.638 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 117 Resp: 151494
Ion Ratio Lower Upper
117 100
201 86.0 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034018.D (-3418) (-)
Ion 200.70 (200.40 to 201.40): VU034018.D (-3418) (-)

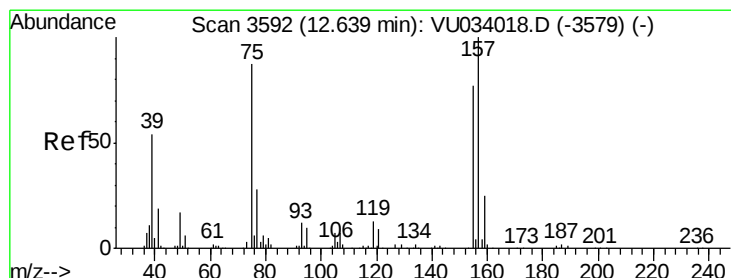
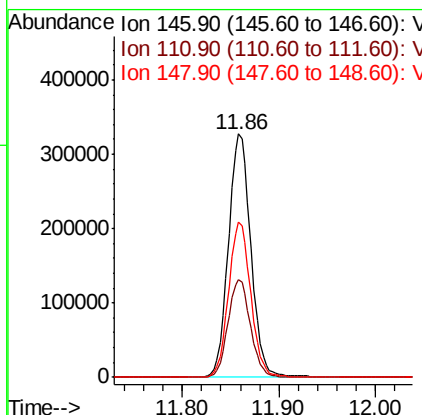
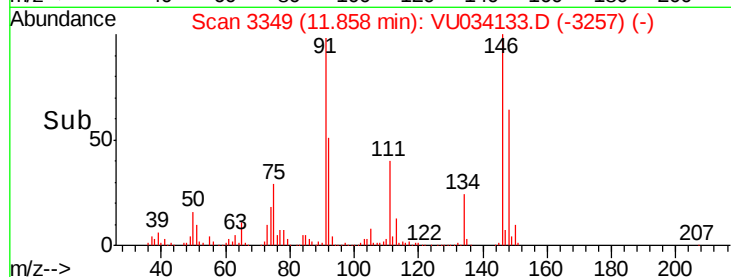
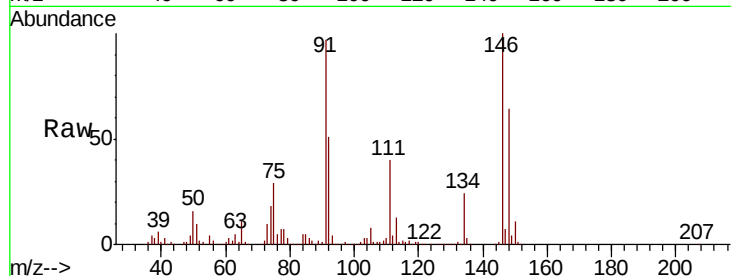




#91
 1,2-Dichlorobenzene
 Concen: 50.947 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

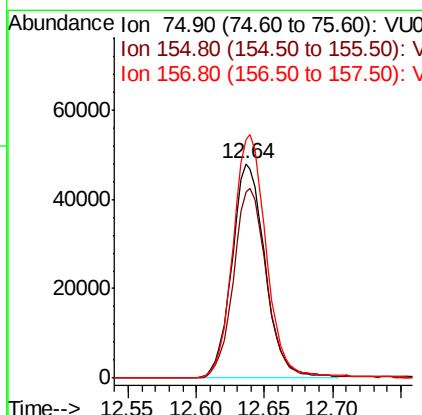
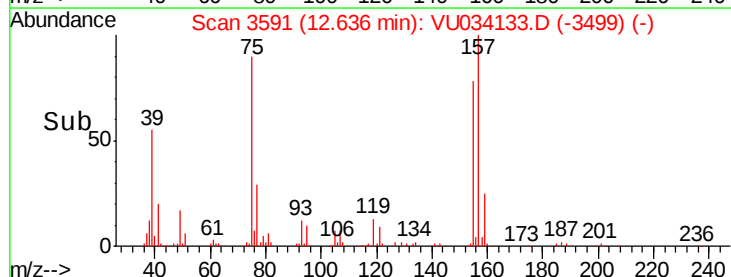
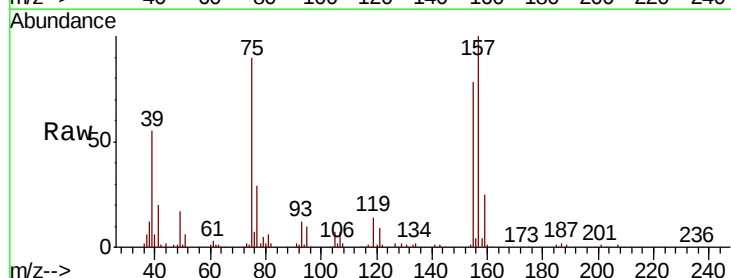
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 528091
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.2
 148 63.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.066 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034133.D
 Acq: 31 Aug 2019 19:57

Tgt Ion: 75 Resp: 81545
 Ion Ratio Lower Upper
 75 100
 155 87.4 43.5 130.7
 157 112.7 56.9 170.6





#93

1,2,4-Trichlorobenzene

Concen: 49.871 ug/l

RT: 13.49 min Scan# 3855

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

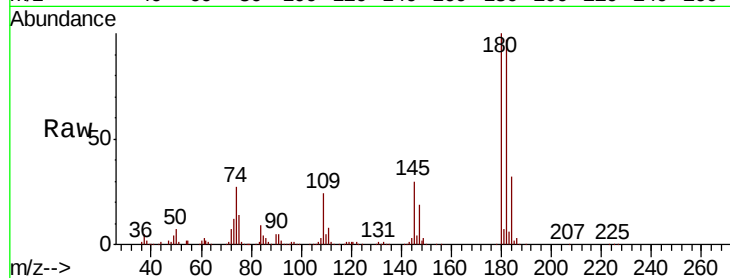
Tgt Ion:180 Resp: 367672

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

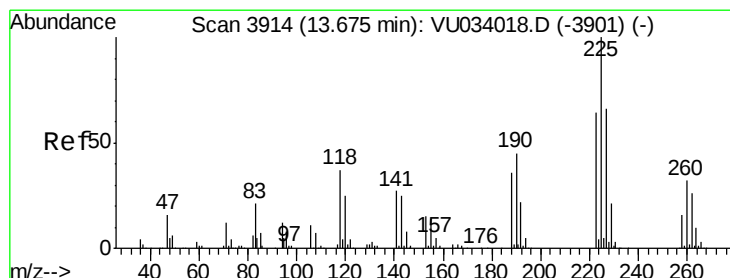
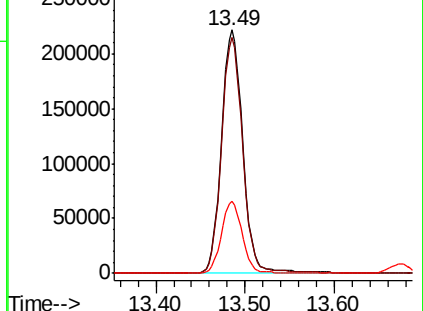
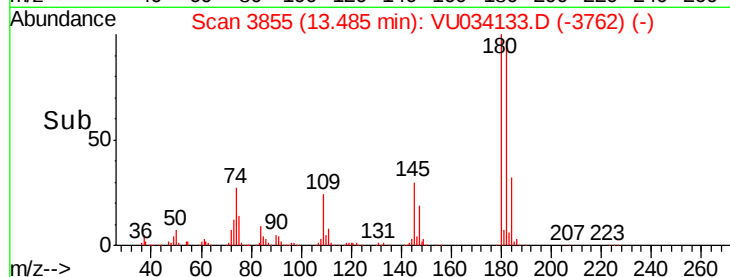
145 29.0 14.1 42.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 41.536 ug/l

RT: 13.67 min Scan# 3914

Delta R.T. 0.00 min

Lab File: VU034133.D

Acq: 31 Aug 2019 19:57

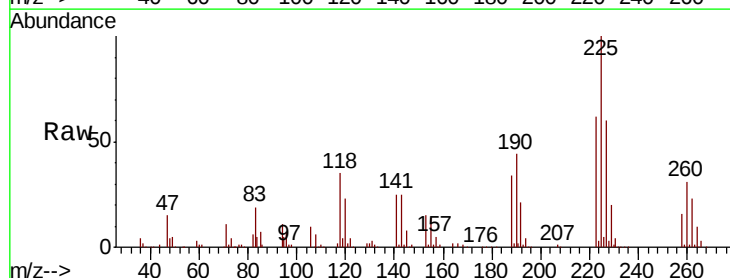
Tgt Ion:225 Resp: 168424

Ion Ratio Lower Upper

225 100

223 62.5 31.8 95.3

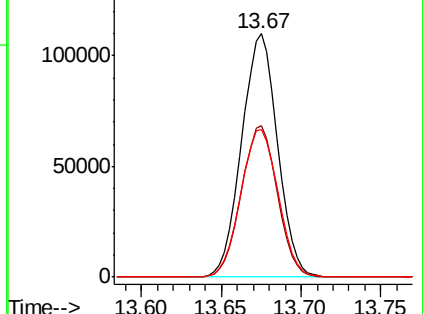
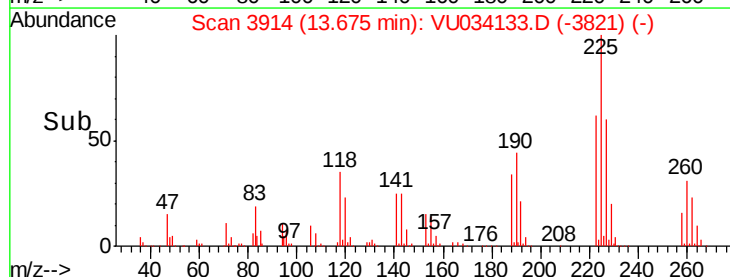
227 63.1 32.6 97.8

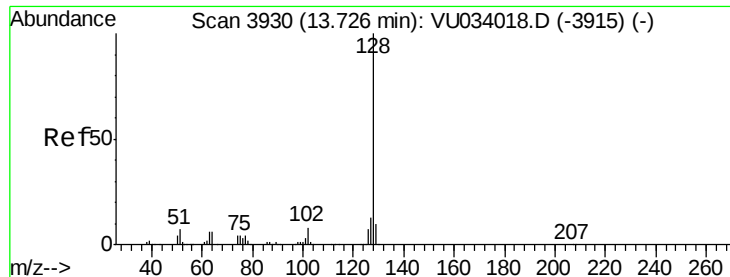


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

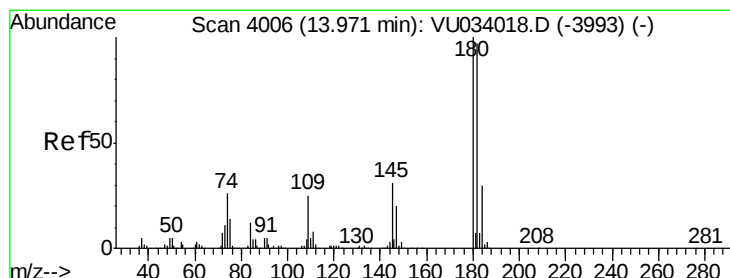
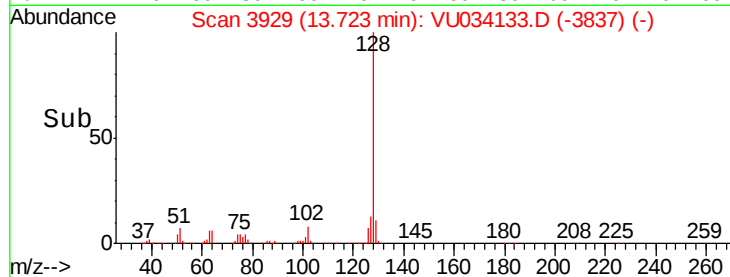
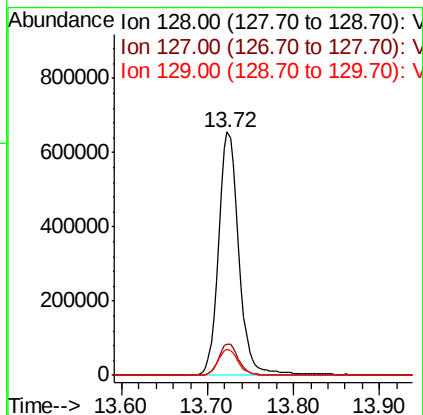
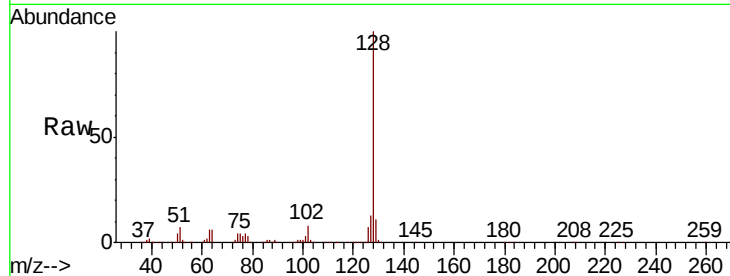




#95
Naphthalene
Concen: 51.253 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1083157
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 54.948 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034133.D
Acq: 31 Aug 2019 19:57

Tgt Ion:180 Resp: 364853
Ion Ratio Lower Upper
180 100
182 95.8 48.2 144.6
145 31.0 15.5 46.5

