

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
 Data File : VU034269.D
 Acq On : 04 Sep 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 05 03:41:40 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	372989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	594890	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	580406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	319797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	221771	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	4.86	113	196096	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	7.55	98	745154	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	10.29	95	289066	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	161177	42.967	ug/l	100
3) Chloromethane	1.32	50	204882	40.499	ug/l	100
4) Vinyl Chloride	1.40	62	216091	43.282	ug/l	100
5) Bromomethane	1.61	94	122800	51.242	ug/l	98
6) Chloroethane	1.69	64	133972	43.892	ug/l	98
7) Trichlorofluoromethane	1.87	101	268407	46.397	ug/l	98
8) Diethyl Ether	2.09	74	119047	48.104	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.27	101	170918	46.637	ug/l	98
10) Methyl Iodide	2.40	142	151355	29.114	ug/l	100
11) Tert butyl alcohol	2.81	59	247764	224.806	ug/l	99
12) 1,1-Dichloroethene	2.27	96	177201	47.456	ug/l	96
13) Acrolein	2.18	56	56314	121.462	ug/l	98
14) Allyl chloride	2.58	41	286694	40.836	ug/l	93
15) Acrylonitrile	2.92	53	635406	251.245	ug/l	100
16) Acetone	2.31	43	515447	211.371	ug/l	98
17) Carbon Disulfide	2.46	76	455391	38.534	ug/l	99
18) Methyl Acetate	2.60	43	304092	48.255	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	624499	51.044	ug/l	98
20) Methylene Chloride	2.69	84	215903	46.767	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	188360	46.480	ug/l	99
22) Diisopropyl ether	3.55	45	653389	50.790	ug/l	99
23) Vinyl Acetate	3.50	43	2723313	246.430	ug/l	100
24) 1,1-Dichloroethane	3.43	63	371281	48.884	ug/l	99
25) 2-Butanone	4.24	43	829006	244.348	ug/l	99
26) 2,2-Dichloropropane	4.20	77	273570	44.266	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	220025	48.372	ug/l	97
28) Bromochloromethane	4.52	49	200273	53.521	ug/l	99
29) Tetrahydrofuran	4.61	42	527188	251.967	ug/l	99
30) Chloroform	4.65	83	366456	48.359	ug/l	98
31) Cyclohexane	4.97	56	300885	42.160	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	302110	48.678	ug/l	99
36) 1,1-Dichloropropene	5.11	75	257006	45.674	ug/l	100
37) Ethyl Acetate	4.36	43	300874	47.749	ug/l	98
38) Carbon Tetrachloride	5.11	117	259551	47.787	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
 Data File : VU034269.D
 Acq On : 04 Sep 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Sep 05 03:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	290922	43.866	ug/l	99
40) Benzene	5.37	78	810073	47.583	ug/l	100
41) Methacrylonitrile	4.52	41	165160	51.108	ug/l	99
42) 1,2-Dichloroethane	5.38	62	275532	46.869	ug/l	98
43) Isopropyl Acetate	5.53	43	465717	48.582	ug/l	99
44) Trichloroethene	6.17	130	222458	49.760	ug/l	97
45) 1,2-Dichloropropane	6.41	63	229754	49.026	ug/l	98
46) Dibromomethane	6.54	93	148656	49.236	ug/l	98
47) Bromodichloromethane	6.74	83	291890	49.413	ug/l	100
48) Methyl methacrylate	6.60	41	221856	47.960	ug/l	96
49) 1,4-Dioxane	6.59	88	94762	817.596	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1597827	241.353	ug/l	98
52) Toluene	7.62	92	512474	48.866	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	310762	47.412	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	345393	48.233	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	217721	49.080	ug/l	99
56) Ethyl methacrylate	8.00	69	324025	44.152	ug/l	99
57) 1,3-Dichloropropane	8.22	76	365009	48.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	532026	216.785	ug/l	98
59) 2-Hexanone	8.34	43	1203732	240.856	ug/l	99
60) Dibromochloromethane	8.46	129	237218	49.817	ug/l	99
61) 1,2-Dibromoethane	8.57	107	222735	47.665	ug/l	100
64) Tetrachloroethene	8.21	164	196728	50.471	ug/l	99
65) Chlorobenzene	9.10	112	576248	48.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	209582	48.390	ug/l	98
67) Ethyl Benzene	9.23	91	981390	48.471	ug/l	99
68) m/p-Xylenes	9.36	106	760107	98.732	ug/l	100
69) o-Xylene	9.76	106	369907	50.082	ug/l	99
70) Styrene	9.77	104	656405	51.831	ug/l	99
71) Bromoform	9.94	173	181571	48.251	ug/l #	99
73) Isopropylbenzene	10.15	105	992776	46.217	ug/l	100
74) N-amyl acetate	9.99	43	413224	45.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	366836	44.618	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	393163	54.548	ug/l	87
77) Bromobenzene	10.43	156	265170	45.891	ug/l	99
78) n-propylbenzene	10.57	91	1158108	46.295	ug/l	100
79) 2-Chlorotoluene	10.64	91	689587	45.957	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	860635	47.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	398769	186.295	ug/l #	100
82) 4-Chlorotoluene	10.75	91	797736	46.228	ug/l	99
83) tert-Butylbenzene	11.08	119	818973	45.695	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	864580	47.824	ug/l	99
85) sec-Butylbenzene	11.30	105	986907	45.943	ug/l	100
86) p-Isopropyltoluene	11.46	119	918055	47.254	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	475667	46.498	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	479822	46.379	ug/l	99
89) n-Butylbenzene	11.87	91	802638	46.859	ug/l	100
90) Hexachloroethane	12.12	117	131690	39.206	ug/l	96
91) 1,2-Dichlorobenzene	11.86	146	463993	47.349	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	73775	45.042	ug/l	98

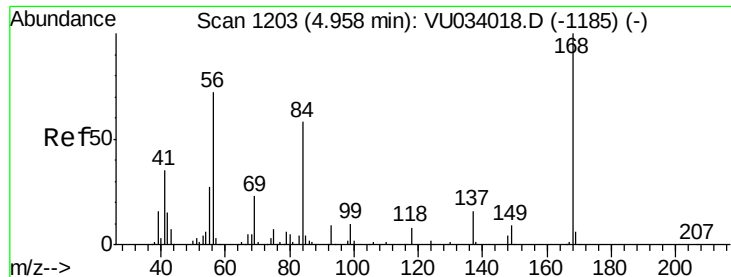
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
Data File : VU034269.D
Acq On : 04 Sep 2019 19:37
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 05 03:41:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	324018	46.565	ug/l	99
94) Hexachlorobutadiene	13.67	225	159434	41.590	ug/l	99
95) Naphthalene	13.72	128	904152	45.464	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	321431	51.205	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

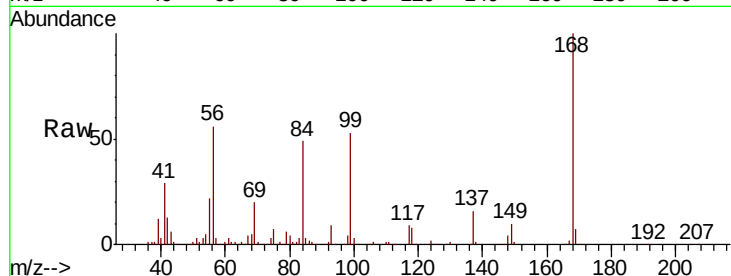
VSTDCCC050EC

Tgt Ion:168 Resp: 372989

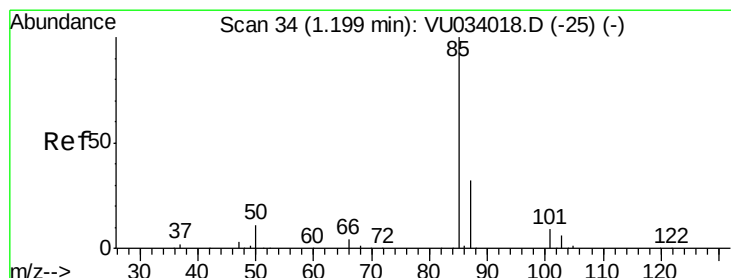
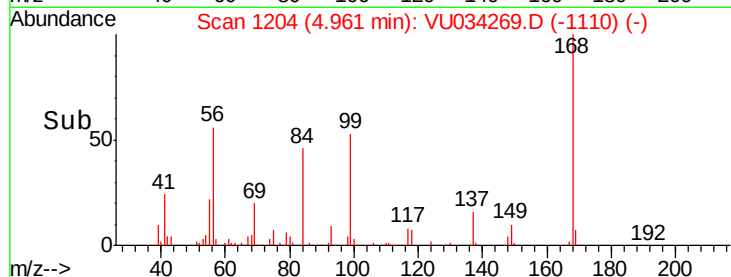
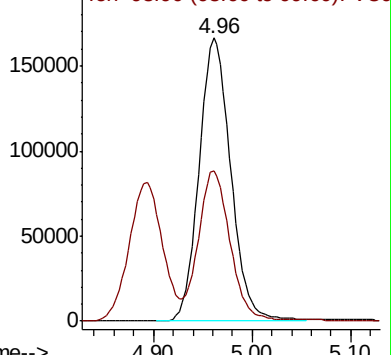
Ion Ratio Lower Upper

168 100

99 52.8 42.3 63.5



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



#2

Dichlorodifluoromethane

Concen: 42.967 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034269.D

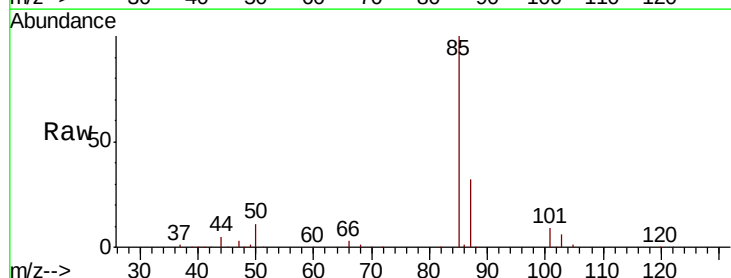
Acq: 04 Sep 2019 19:37

Tgt Ion: 85 Resp: 161177

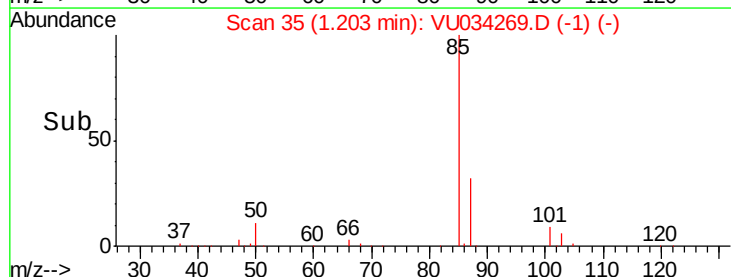
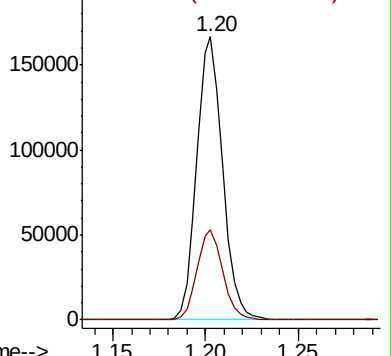
Ion Ratio Lower Upper

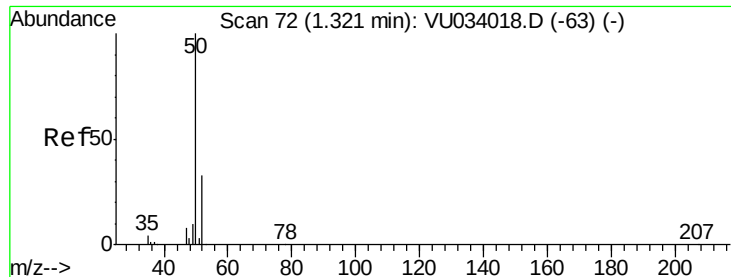
85 100

87 32.0 16.1 48.3



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





#3

Chloromethane

Concen: 40.499 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

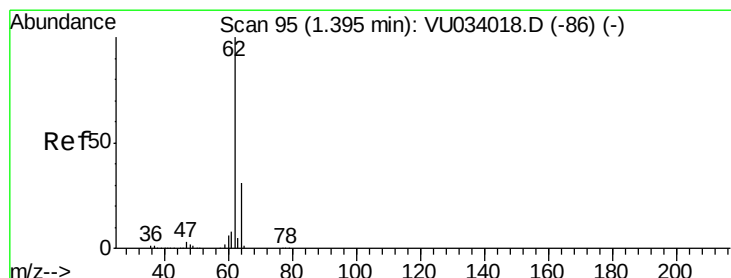
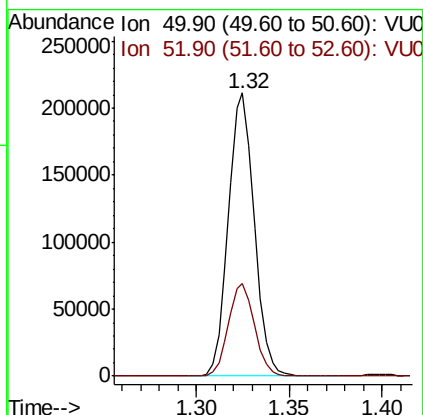
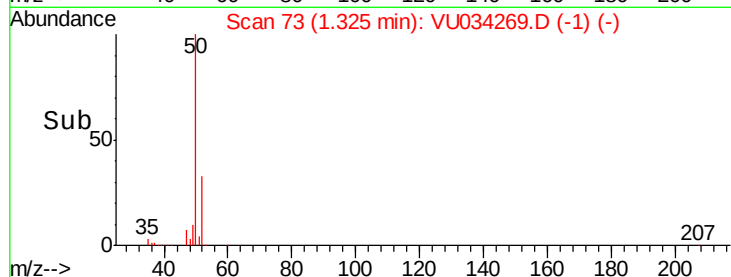
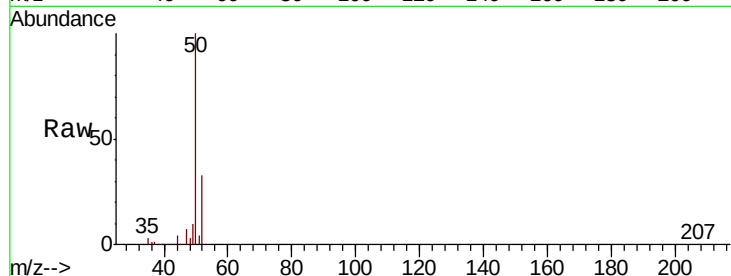
VSTDCCC050EC

Tgt Ion: 50 Resp: 204882

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.4



#4

Vinyl Chloride

Concen: 43.282 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034269.D

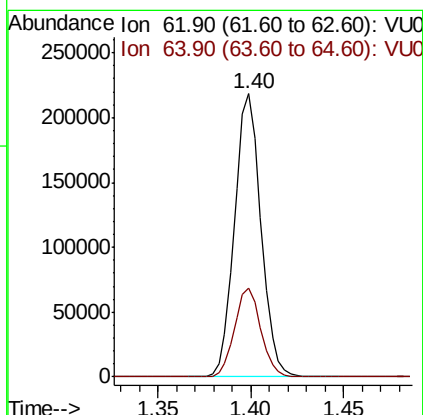
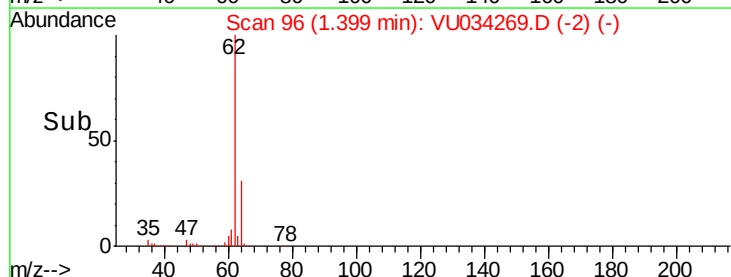
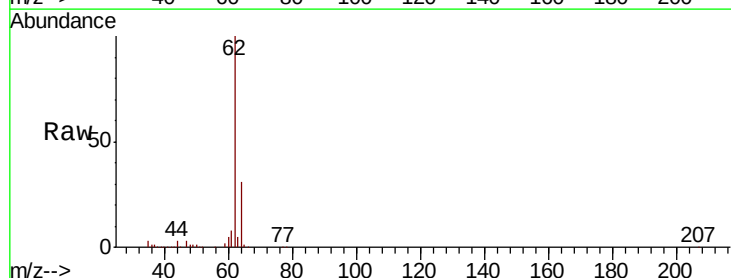
Acq: 04 Sep 2019 19:37

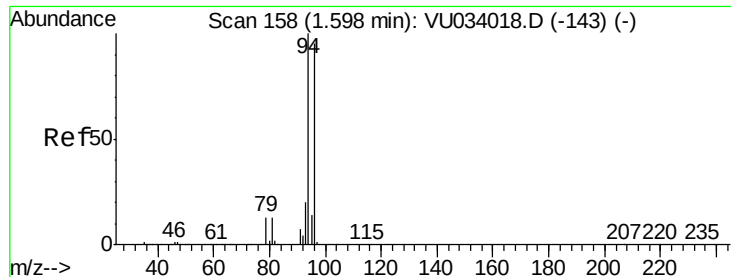
Tgt Ion: 62 Resp: 216091

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6





#5

Bromomethane

Concen: 51.242 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

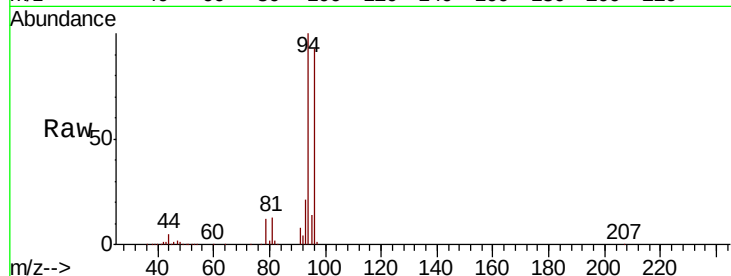
VSTDCCC050EC

Tgt Ion: 94 Resp: 122800

Ion Ratio Lower Upper

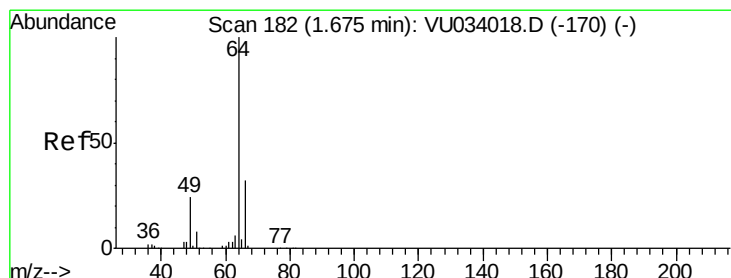
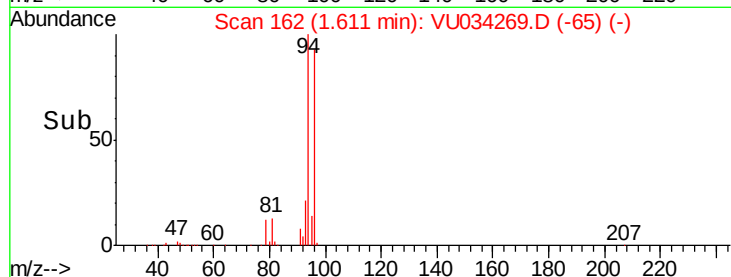
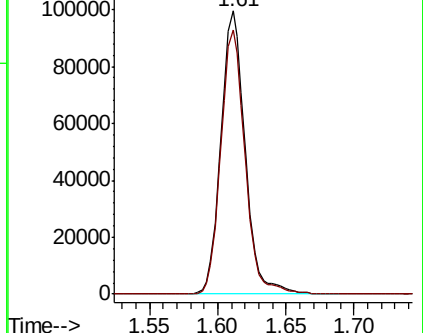
94 100

96 93.5 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034269.D (-162) (-)

Ion 95.90 (95.60 to 96.60): VU034269.D (-162) (-)



#6

Chloroethane

Concen: 43.892 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034269.D

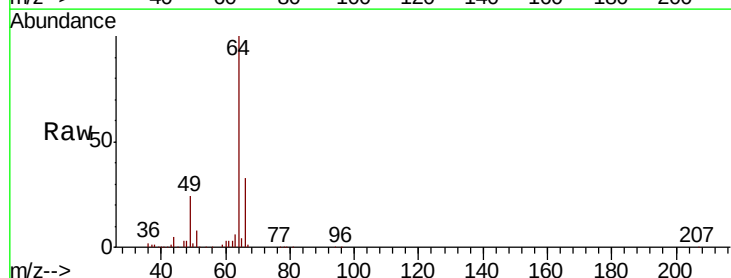
Acq: 04 Sep 2019 19:37

Tgt Ion: 64 Resp: 133972

Ion Ratio Lower Upper

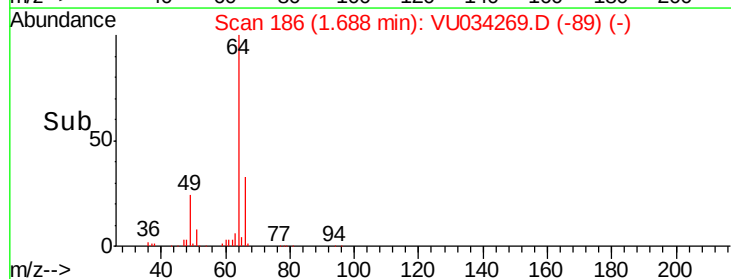
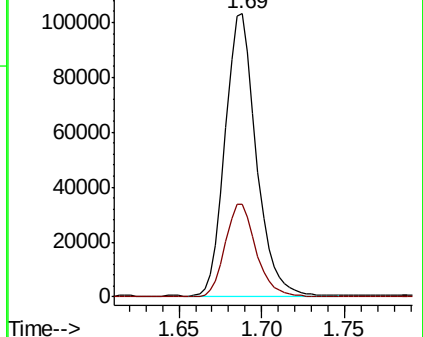
64 100

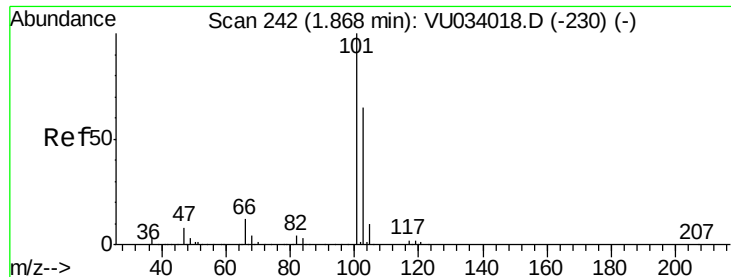
66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034269.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VU034269.D (-186) (-)



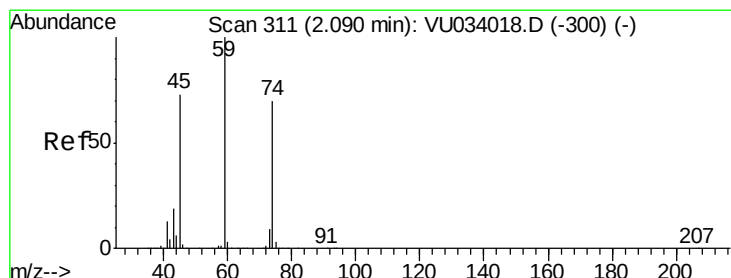
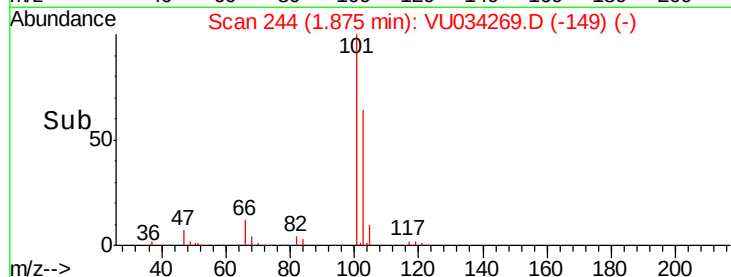
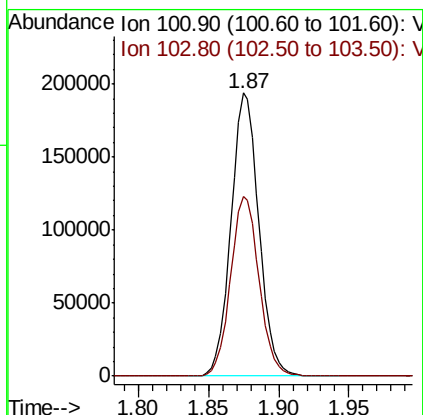
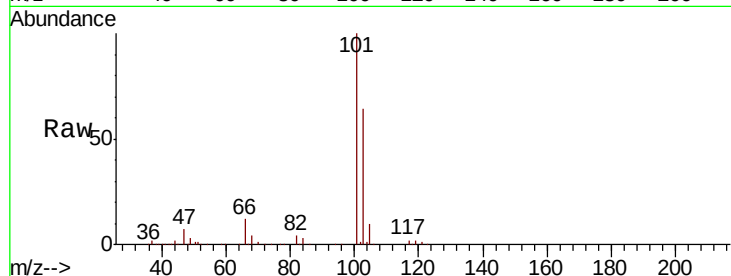


#7

Trichlorofluoromethane
Concen: 46.397 ug/l
RT: 1.87 min Scan# 244
Delta R.T. 0.01 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

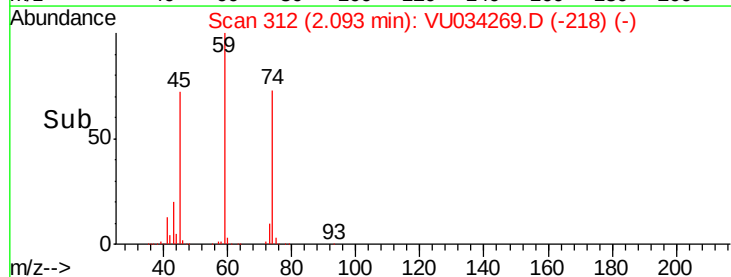
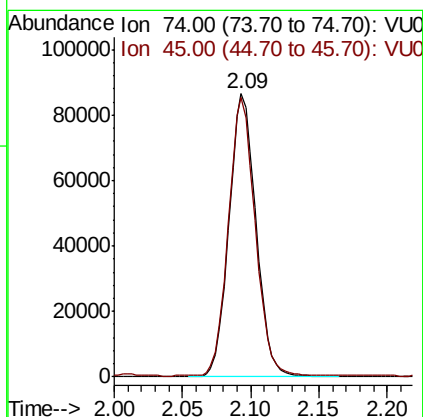
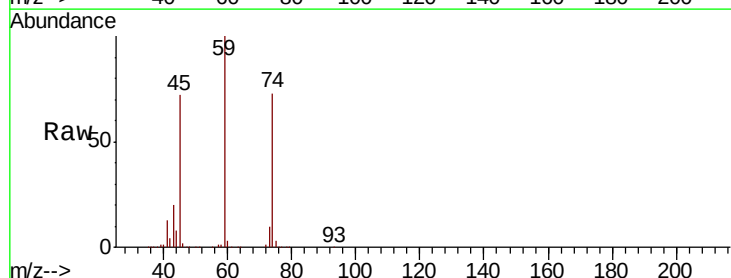
Tgt Ion:101 Resp: 268407
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

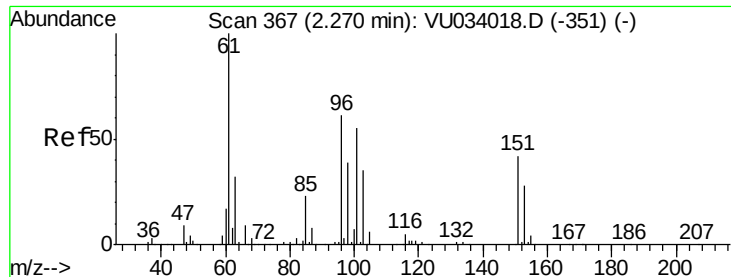


#8

Diethyl Ether
Concen: 48.104 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 74 Resp: 119047
Ion Ratio Lower Upper
74 100
45 97.3 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.637 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

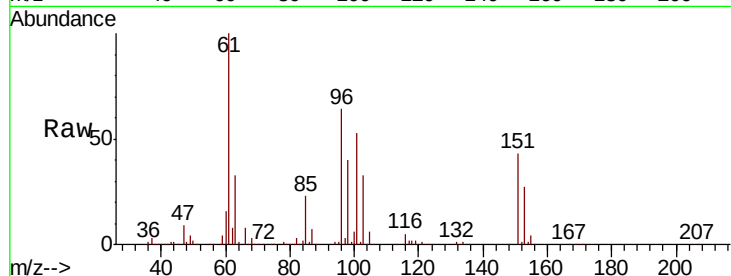
Tgt Ion:101 Resp: 170918

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

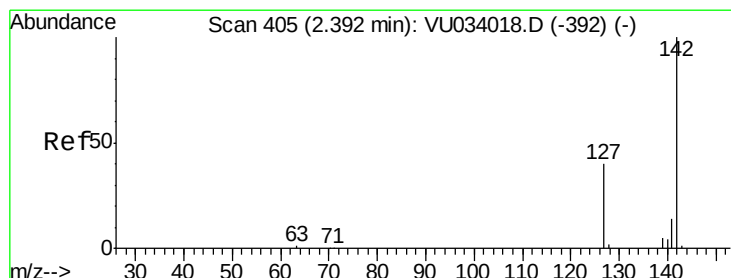
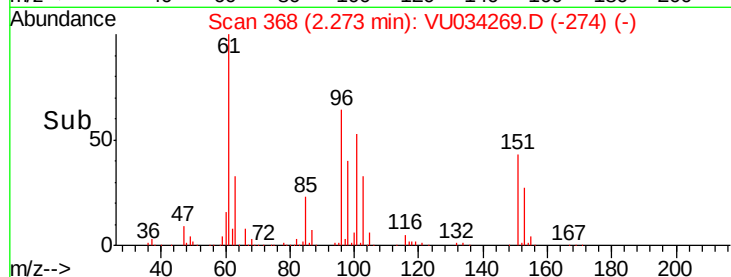
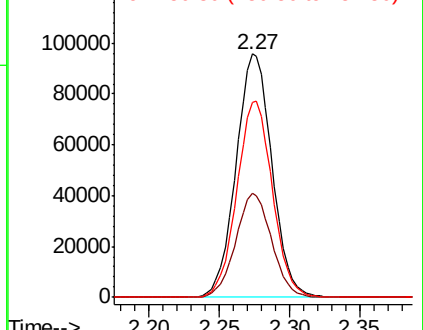
151 79.9 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 29.114 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

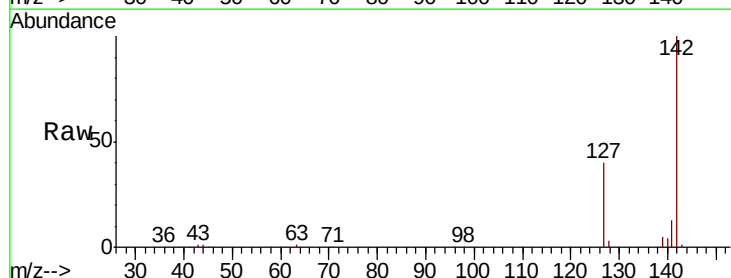
Tgt Ion:142 Resp: 151355

Ion Ratio Lower Upper

142 100

127 40.4 32.6 48.8

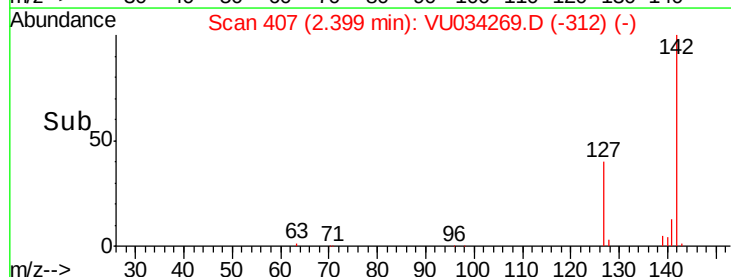
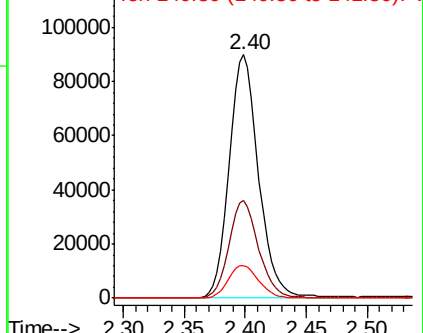
141 14.0 11.3 16.9

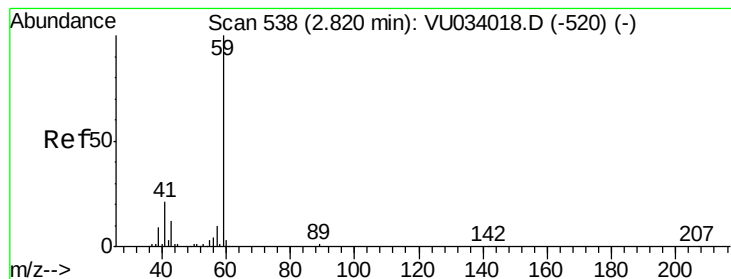


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



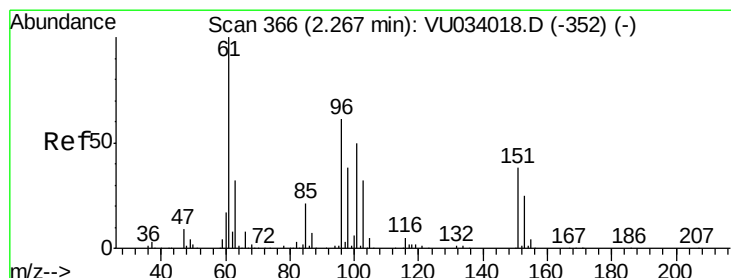
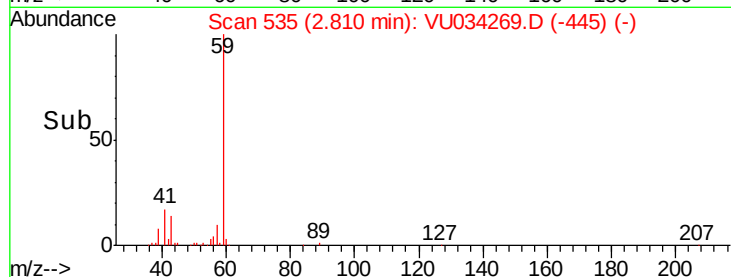
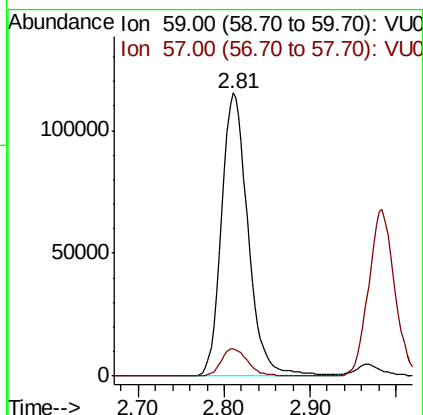
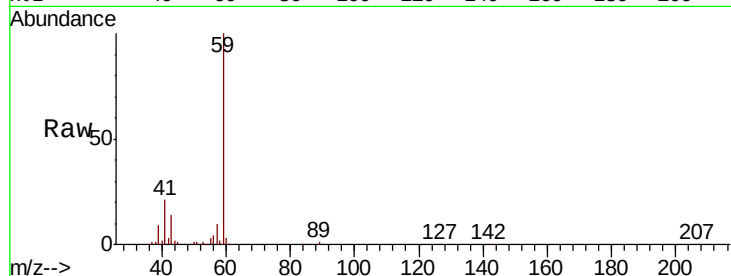


#11

Tert butyl alcohol
 Concen: 224.806 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

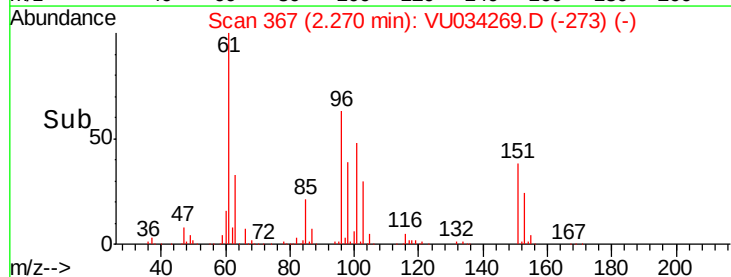
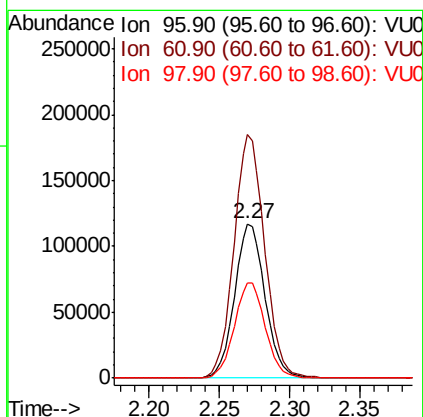
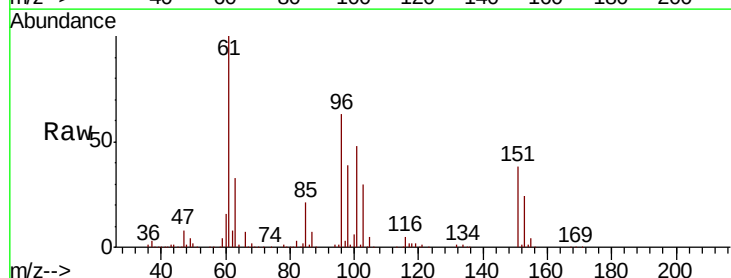
Tgt Ion: 59 Resp: 247764
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0

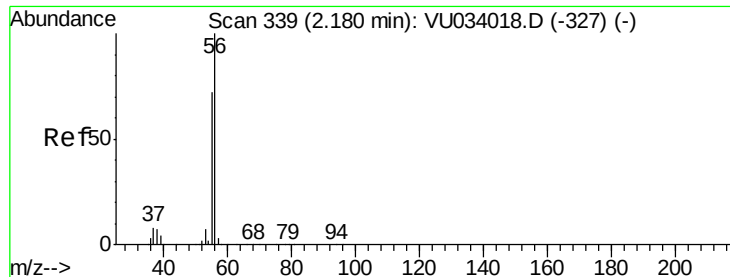


#12

1,1-Dichloroethene
 Concen: 47.456 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion: 96 Resp: 177201
 Ion Ratio Lower Upper
 96 100
 61 158.1 131.3 196.9
 98 61.8 50.3 75.5





#13

Acrolein

Concen: 121.462 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

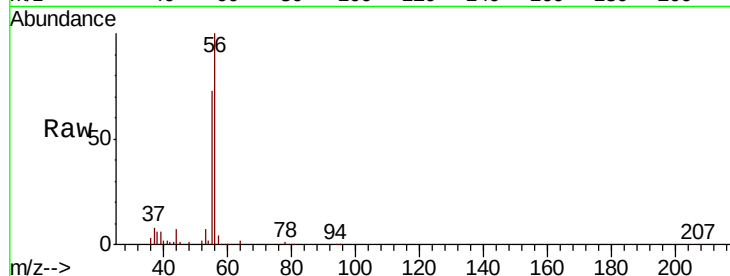
VSTDCCC050EC

Tgt Ion: 56 Resp: 56314

Ion Ratio Lower Upper

56 100

55 73.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU034018.D (-327) (-)

Ion 55.00 (54.70 to 55.70): VU034018.D (-327) (-)

2.18

40000

30000

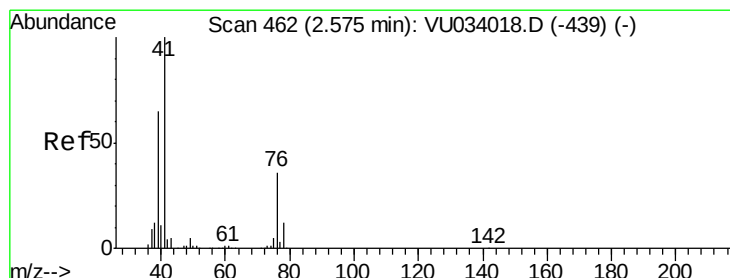
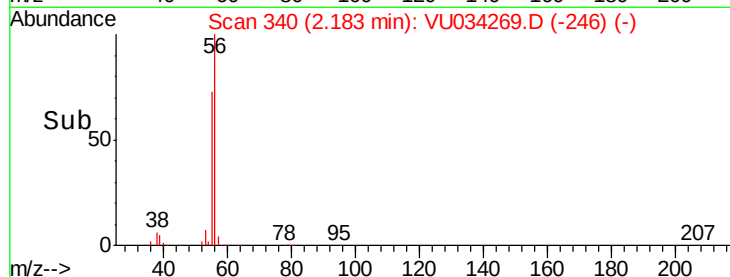
20000

10000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 40.836 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

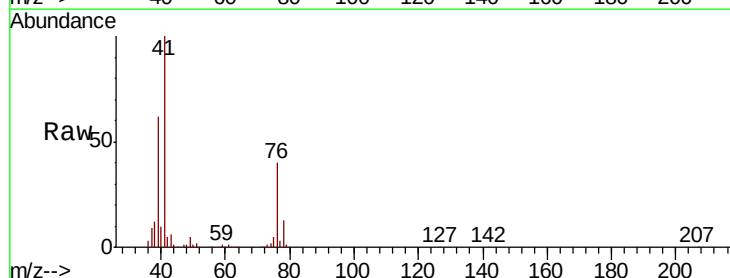
Tgt Ion: 41 Resp: 286694

Ion Ratio Lower Upper

41 100

39 63.0 46.8 70.2

76 38.4 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-439) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-439) (-)

Ion 75.90 (75.60 to 76.60): VU034018.D (-439) (-)

2.58

200000

150000

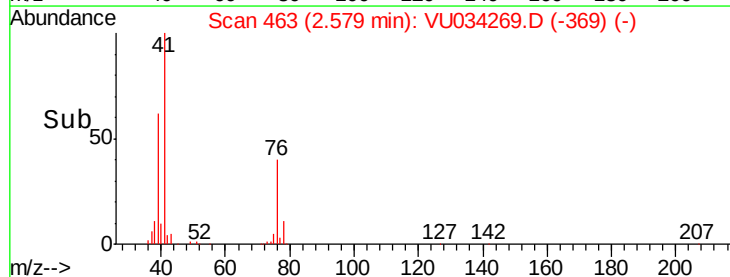
100000

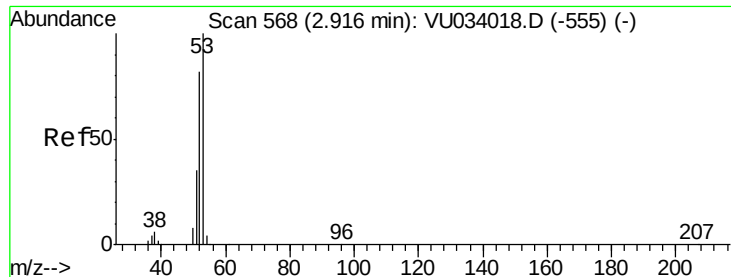
50000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 251.245 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

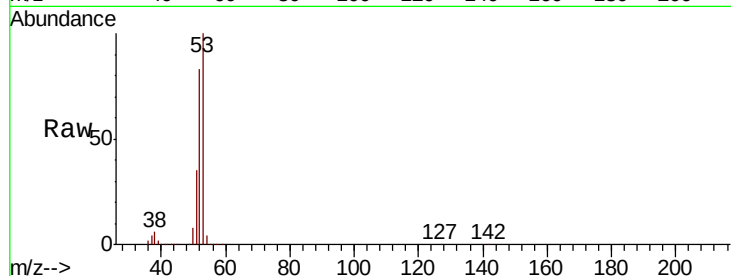
Tgt Ion: 53 Resp: 635406

Ion Ratio Lower Upper

53 100

52 82.3 65.7 98.5

51 35.0 27.9 41.9

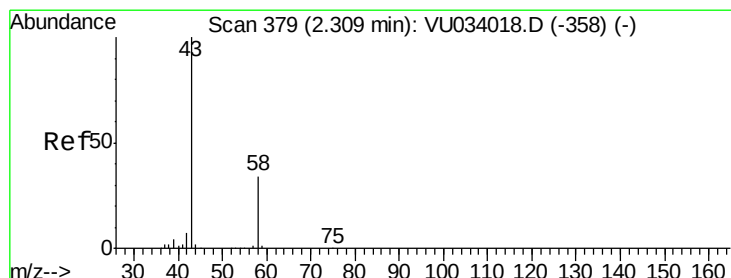
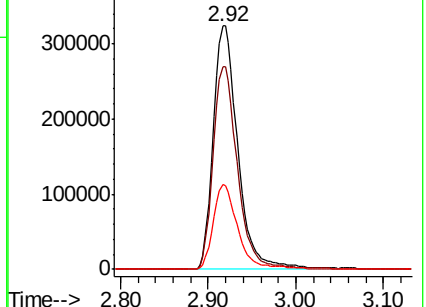
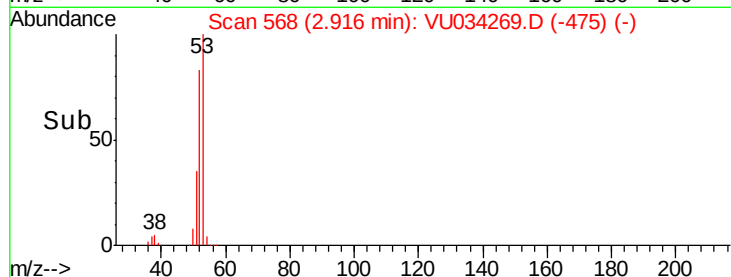


Abundance Ion 53.00 (52.70 to 53.70): VU034018.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VU034018.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VU034018.D (-555) (-)

Time-->



#16

Acetone

Concen: 211.371 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034269.D

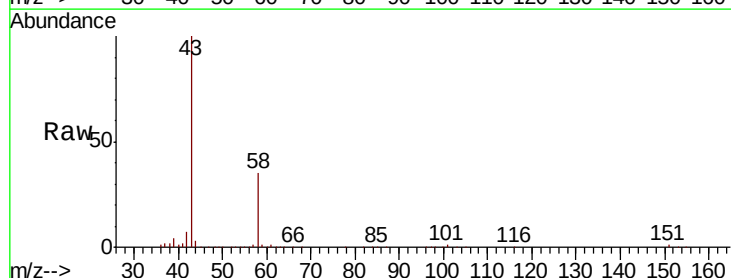
Acq: 04 Sep 2019 19:37

Tgt Ion: 43 Resp: 515447

Ion Ratio Lower Upper

43 100

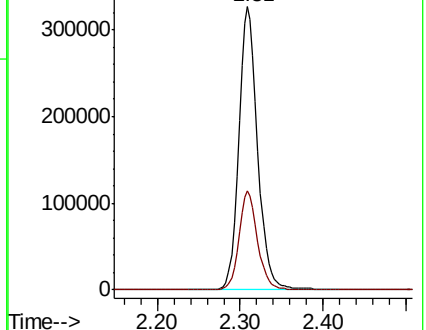
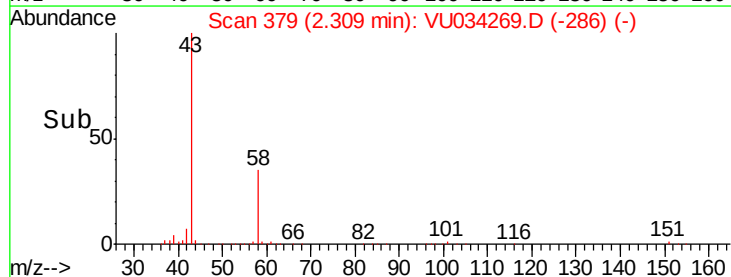
58 34.8 26.8 40.2

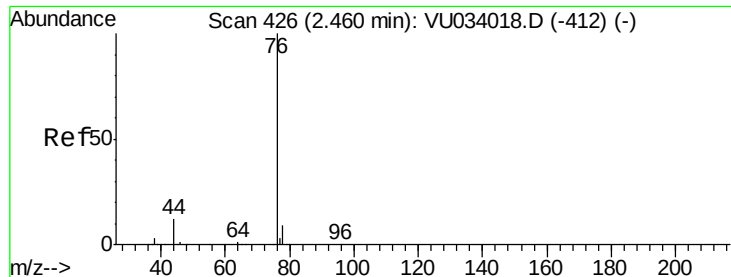


Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

Time-->

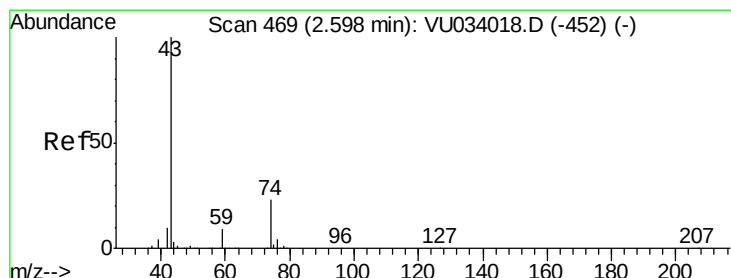
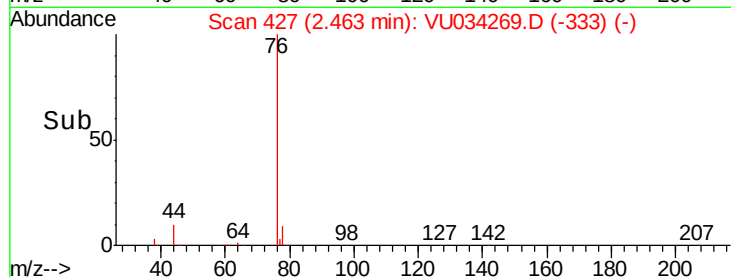
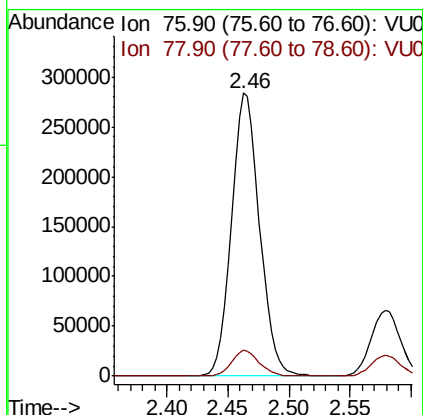
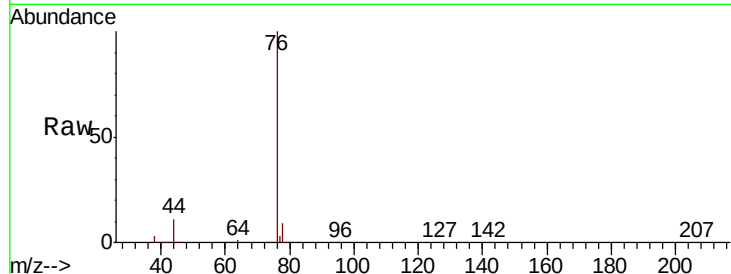




#17
Carbon Disulfide
Concen: 38.534 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

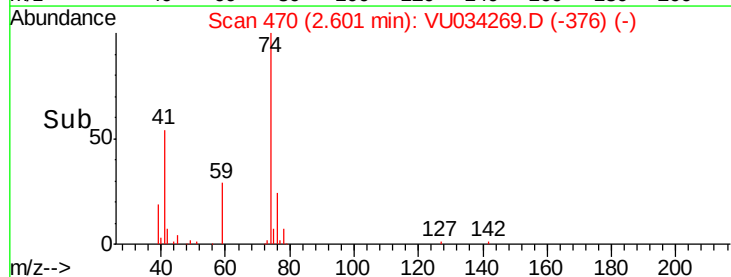
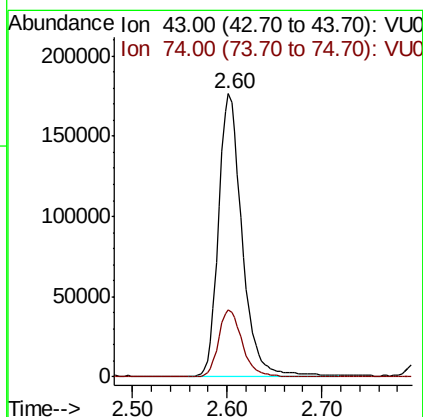
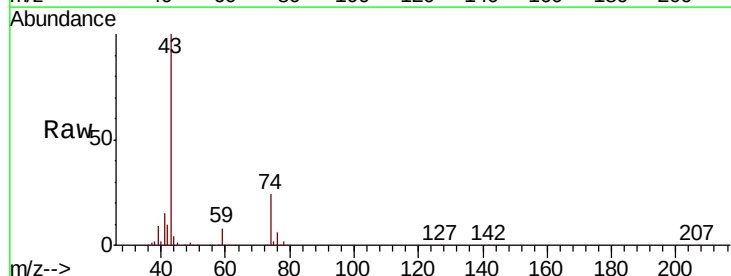
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

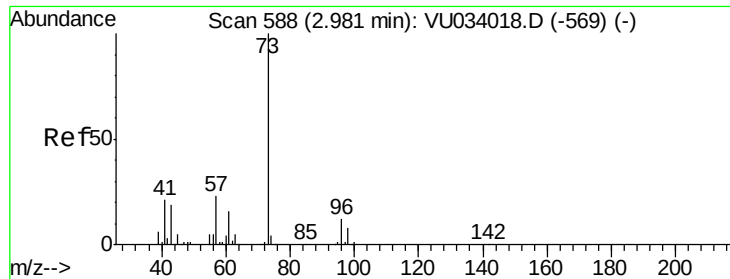
Tgt Ion: 76 Resp: 455391
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 48.255 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 43 Resp: 304092
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

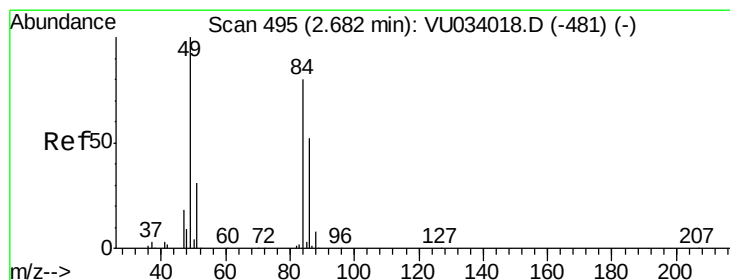
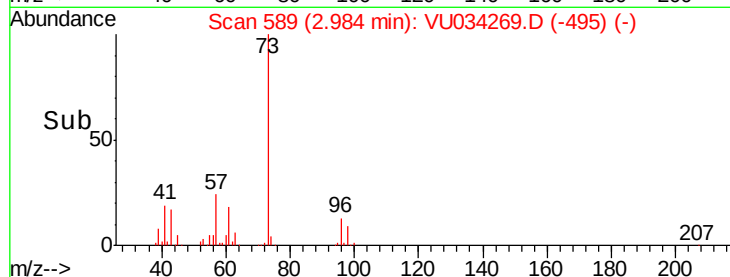
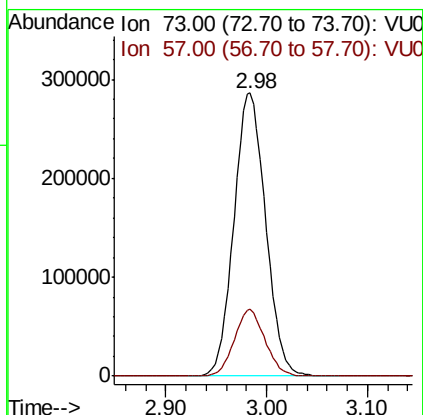
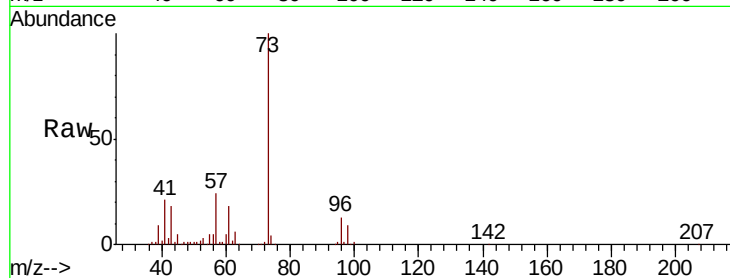




#19
Methyl tert-butyl Ether
Concen: 51.044 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

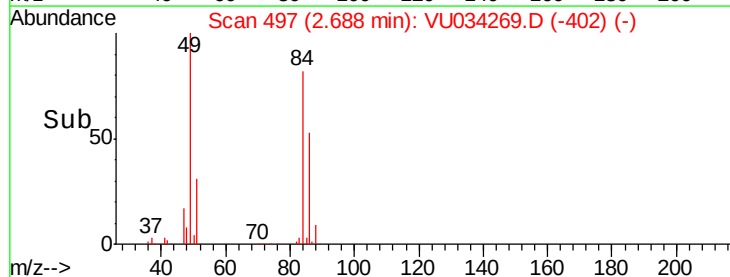
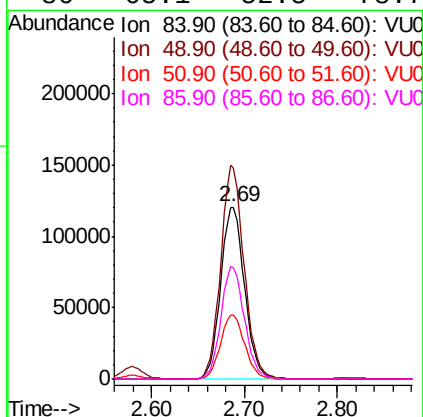
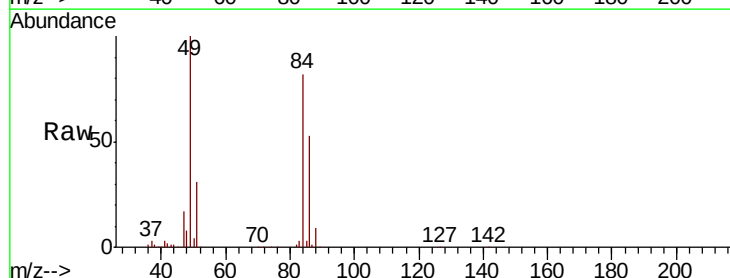
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

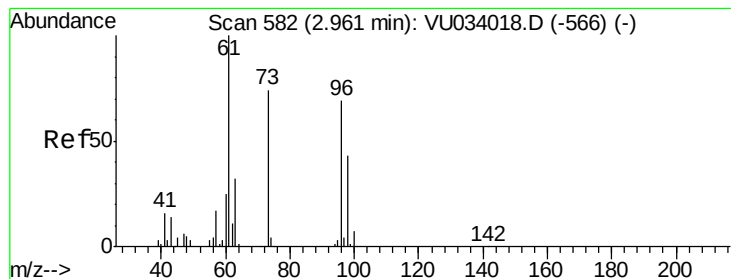
Tgt Ion: 73 Resp: 624499
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 46.767 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 84 Resp: 215903
Ion Ratio Lower Upper
84 100
49 122.5 100.2 150.4
51 37.4 30.8 46.2
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.480 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

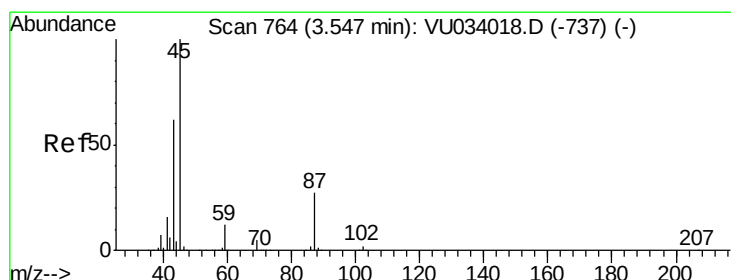
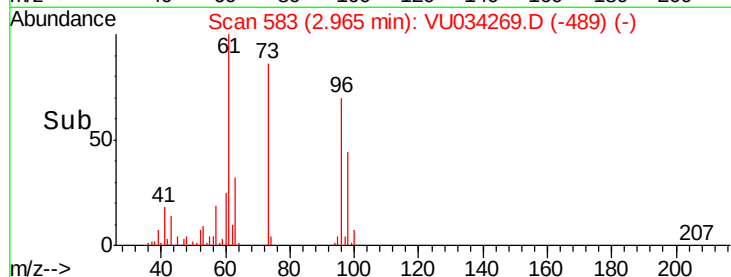
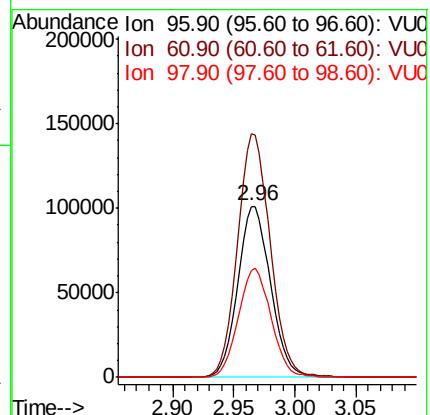
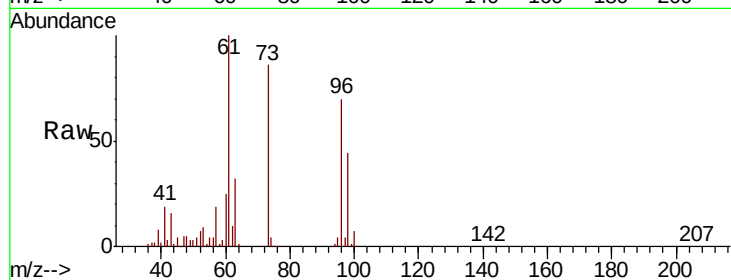
Tgt Ion: 96 Resp: 188360

Ion Ratio Lower Upper

96 100

61 142.5 115.5 173.3

98 62.4 50.1 75.1



#22

Diisopropyl ether

Concen: 50.790 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Tgt Ion: 45 Resp: 653389

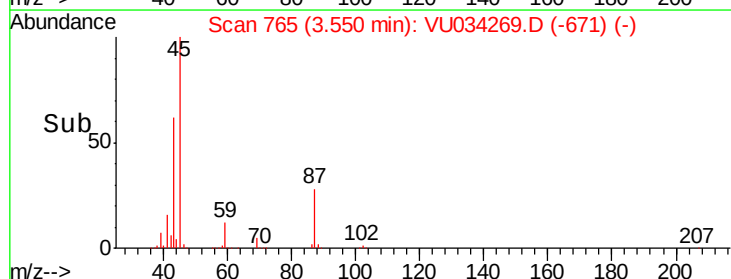
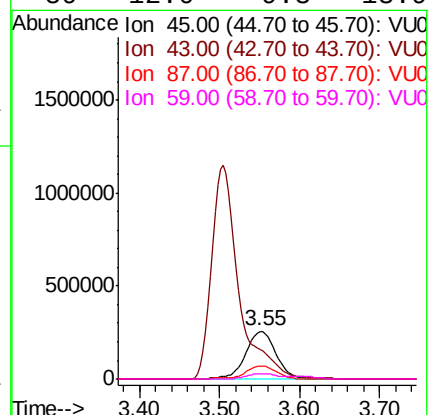
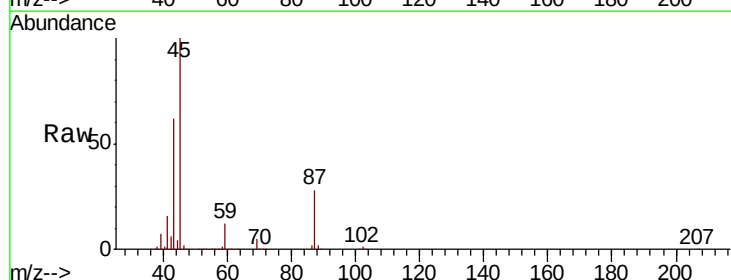
Ion Ratio Lower Upper

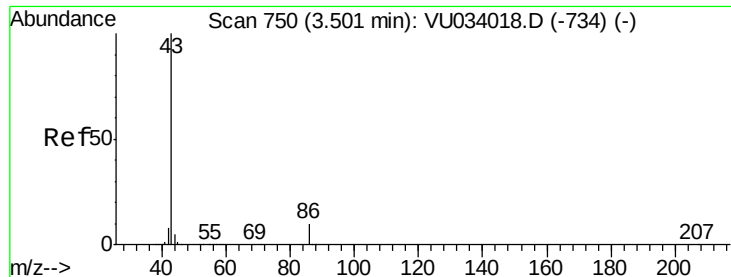
45 100

43 61.6 49.7 74.5

87 27.7 21.8 32.8

59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 246.430 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

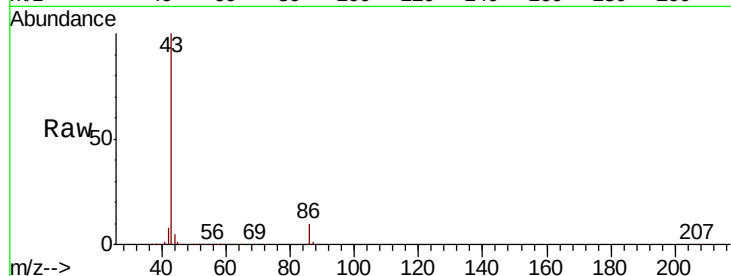
VSTDCCC050EC

Tgt Ion: 43 Resp: 2723313

Ion Ratio Lower Upper

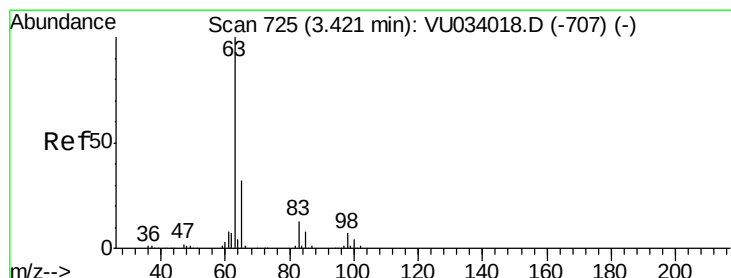
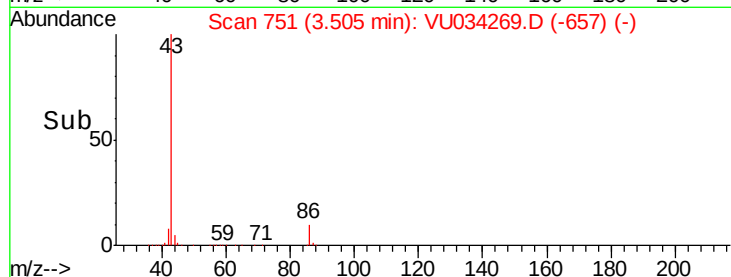
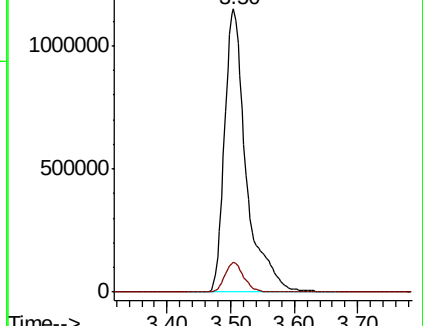
43 100

86 10.5 8.3 12.5



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

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



#24

1,1-Dichloroethane

Concen: 48.884 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

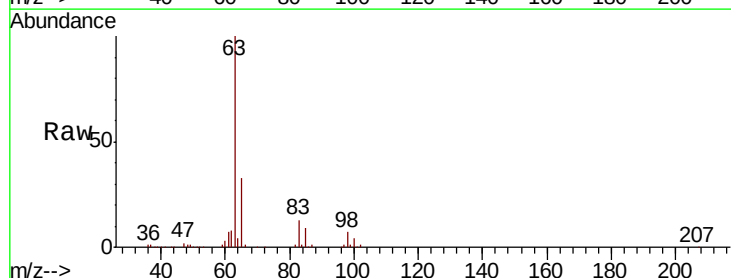
Tgt Ion: 63 Resp: 371281

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

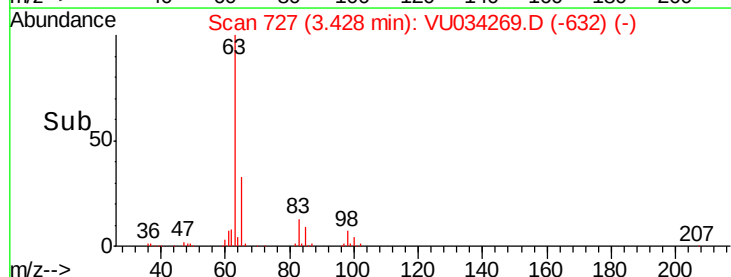
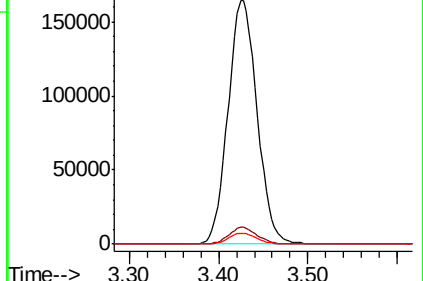
100 4.3 2.0 6.0

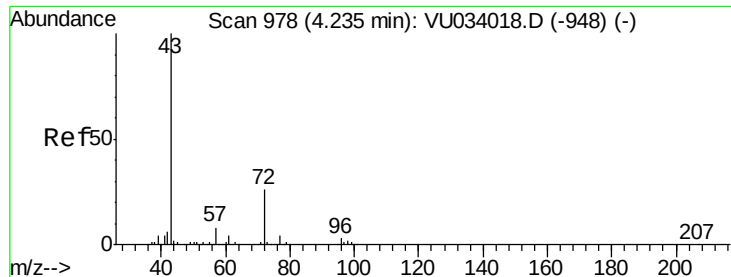


Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

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

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





#25

2-Butanone

Concen: 244.348 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

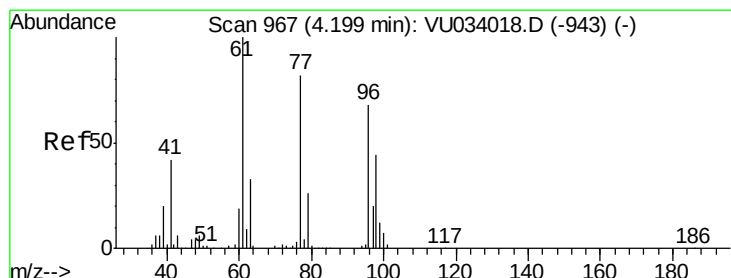
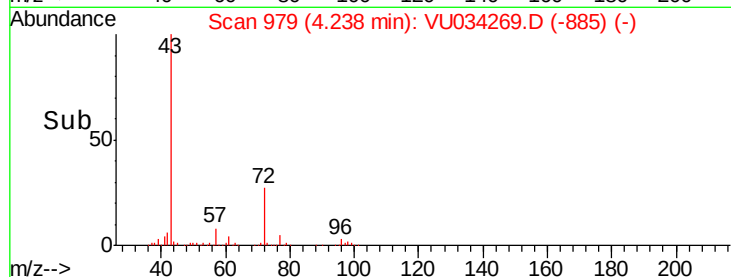
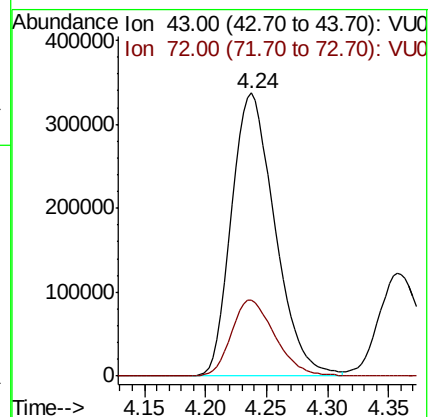
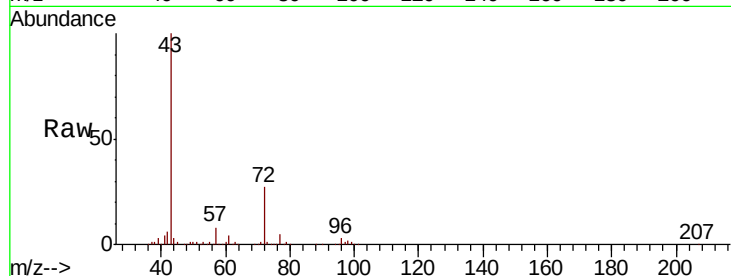
VSTDCCC050EC

Tgt Ion: 43 Resp: 829006

Ion Ratio Lower Upper

43 100

72 27.0 21.2 31.8



#26

2,2-Dichloropropane

Concen: 44.266 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034269.D

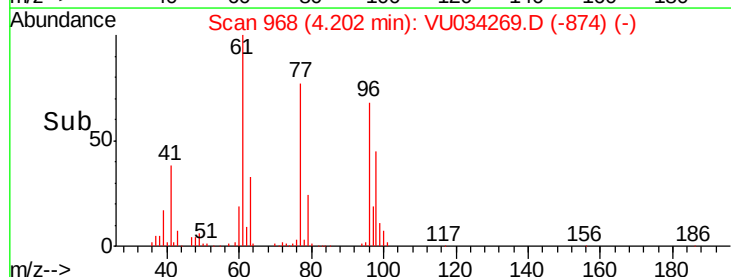
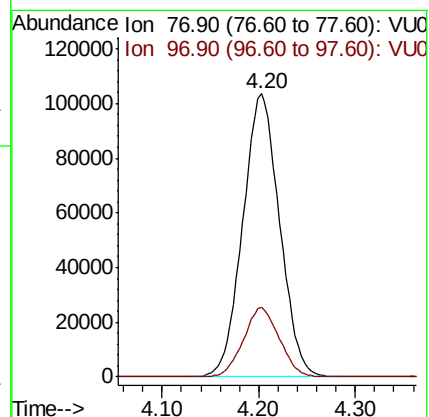
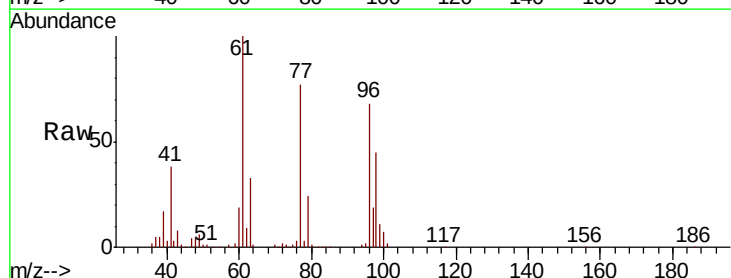
Acq: 04 Sep 2019 19:37

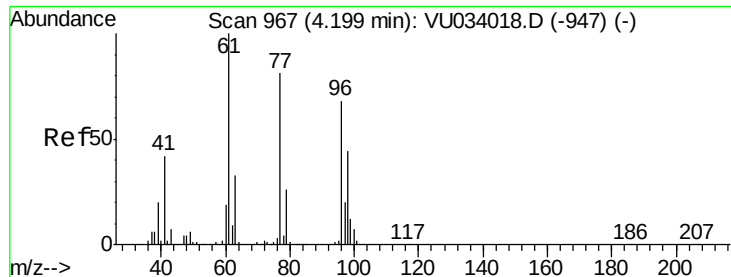
Tgt Ion: 77 Resp: 273570

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7



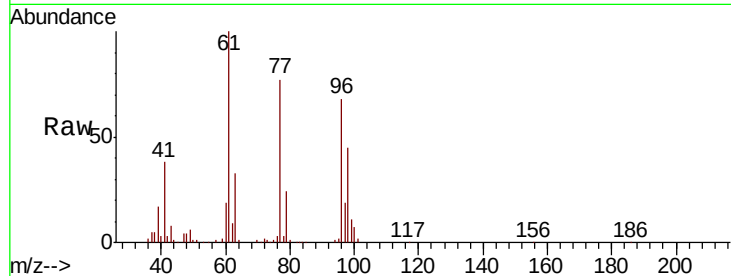


#27

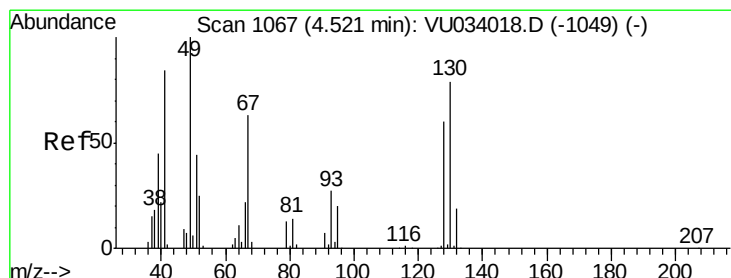
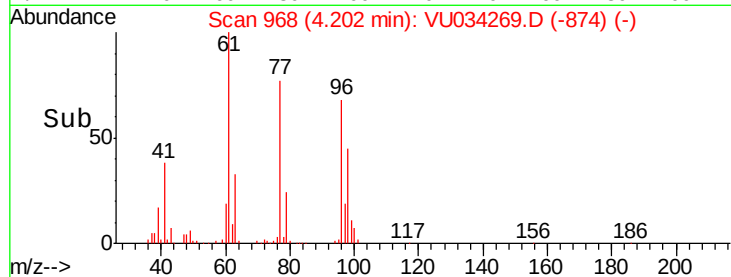
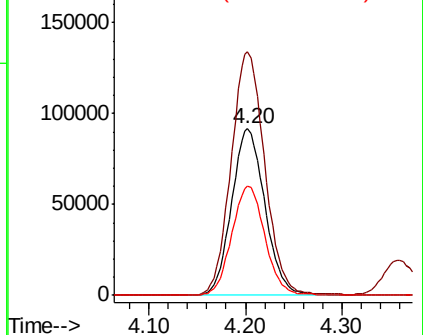
cis-1,2-Dichloroethene
 Concen: 48.372 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 220025
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 303.0
 98 65.4 0.0 129.2



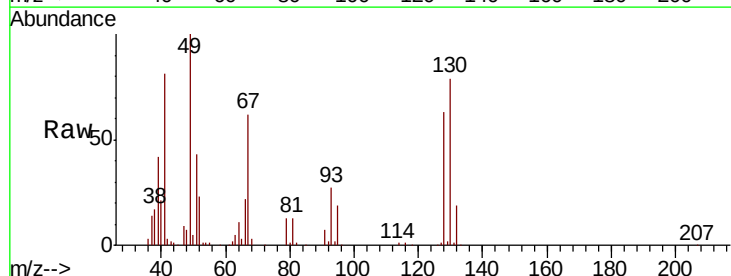
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



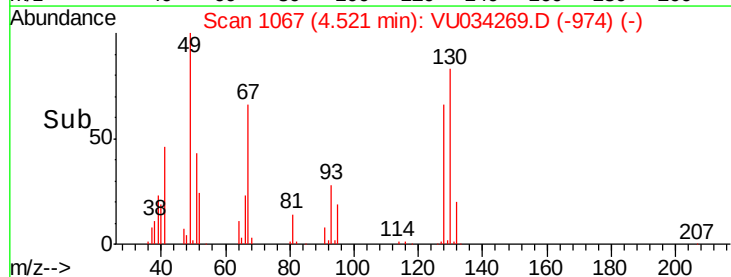
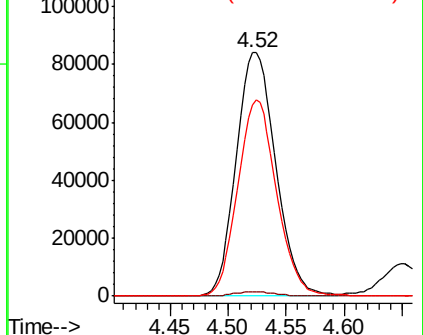
#28

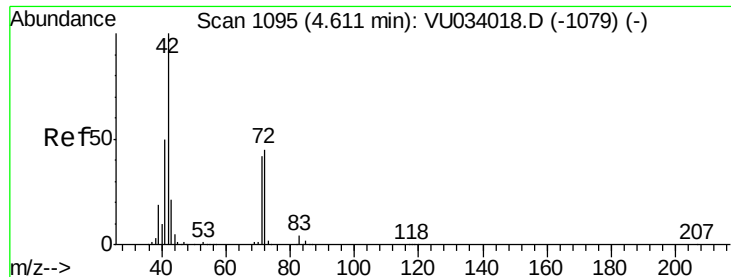
Bromochloromethane
 Concen: 53.521 ug/l
 RT: 4.52 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion: 49 Resp: 200273
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 79.1 62.8 94.2



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





#29

Tetrahydrofuran

Concen: 251.967 ug/l

RT: 4.61 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

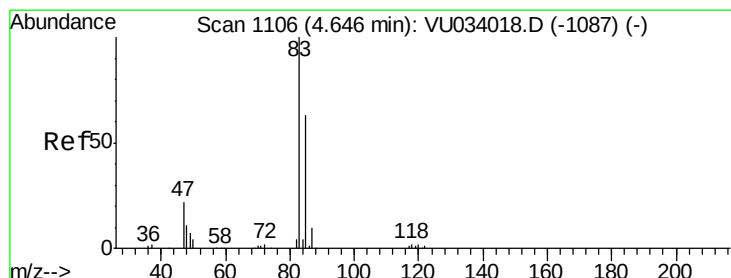
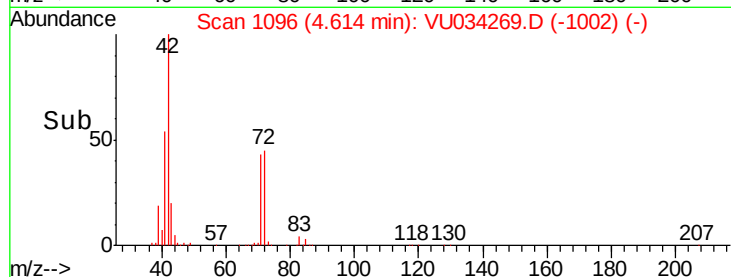
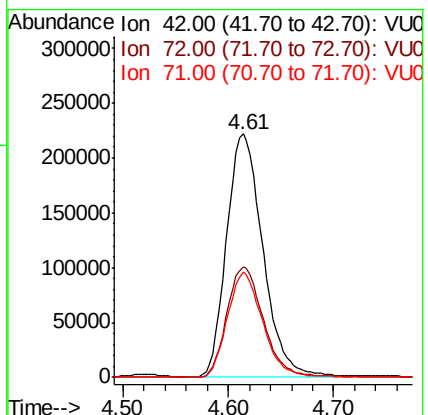
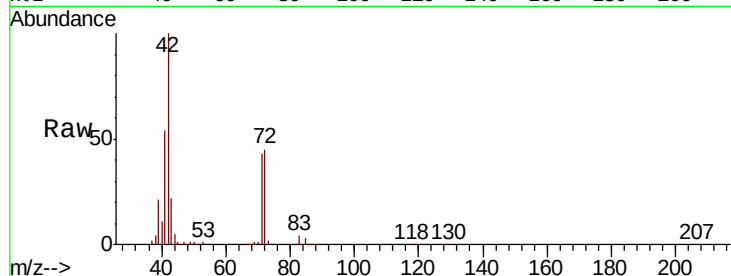
Tgt Ion: 42 Resp: 527188

Ion Ratio Lower Upper

42 100

72 46.1 35.8 53.6

71 42.4 34.0 51.0



#30

Chloroform

Concen: 48.359 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034269.D

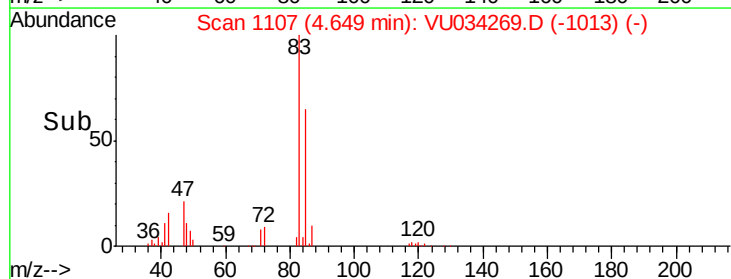
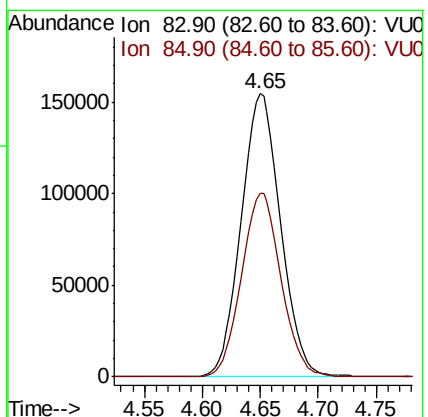
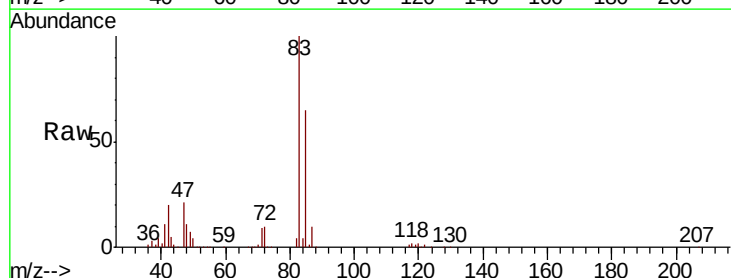
Acq: 04 Sep 2019 19:37

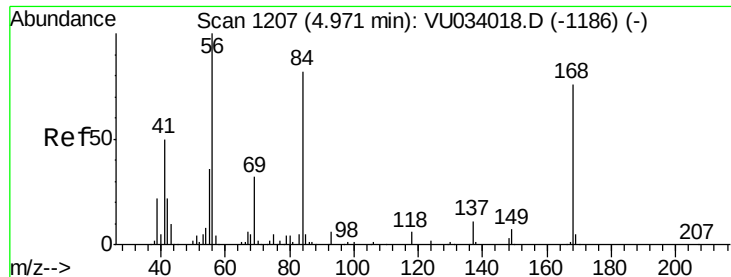
Tgt Ion: 83 Resp: 366456

Ion Ratio Lower Upper

83 100

85 65.0 50.7 76.1

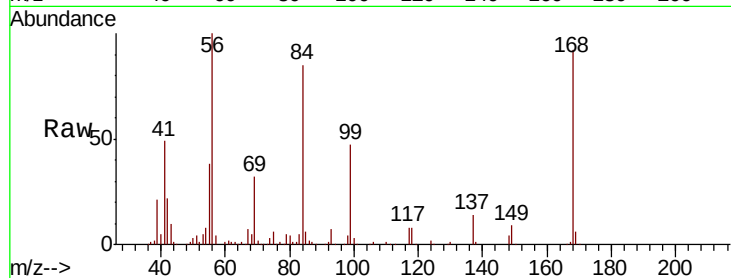




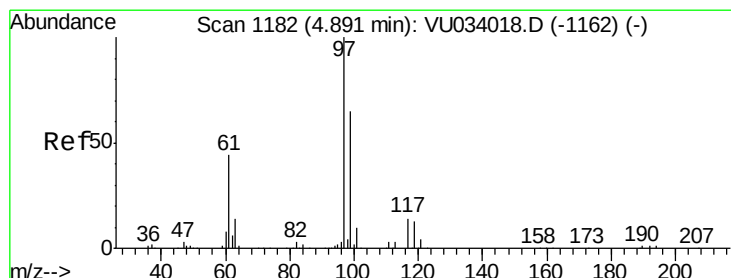
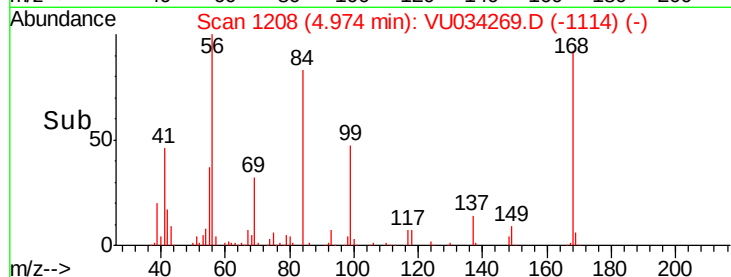
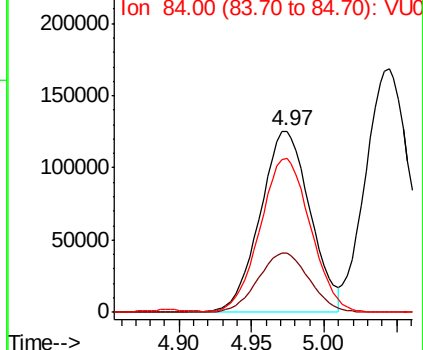
#31
Cyclohexane
Concen: 42.160 ug/l
RT: 4.97 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 300885
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.0
84 83.6 65.8 98.8

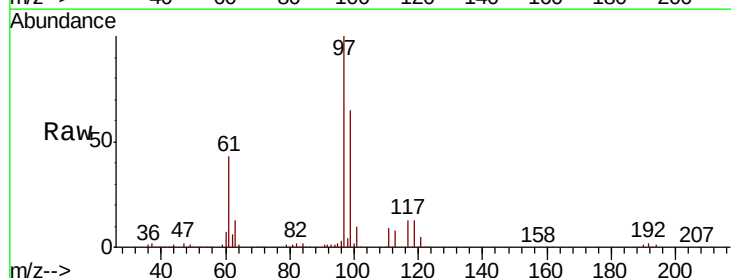


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

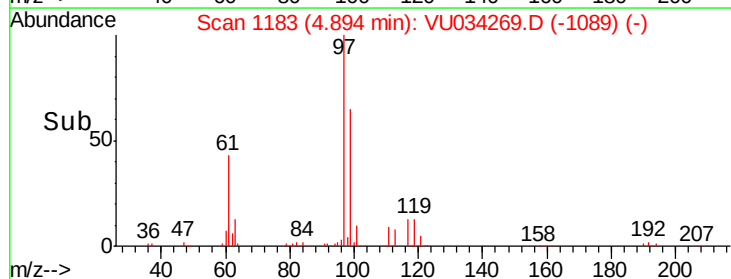
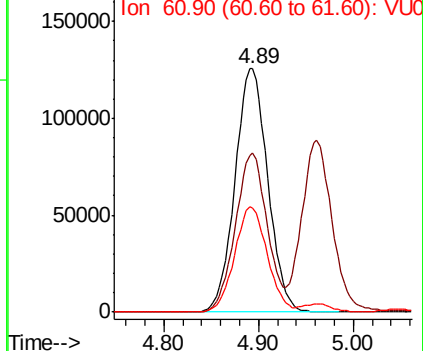


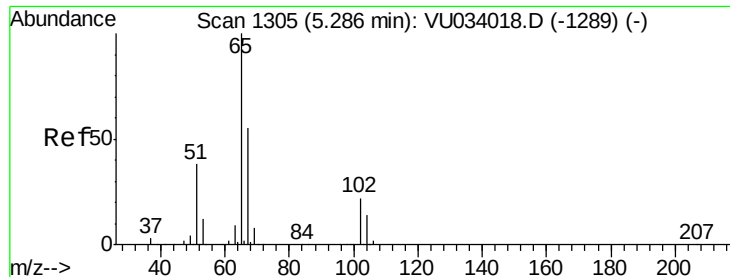
#32
1,1,1-Trichloroethane
Concen: 48.678 ug/l
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 97 Resp: 302110
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.1 35.3 52.9



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

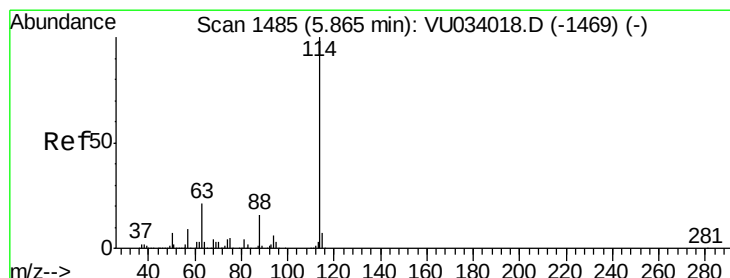
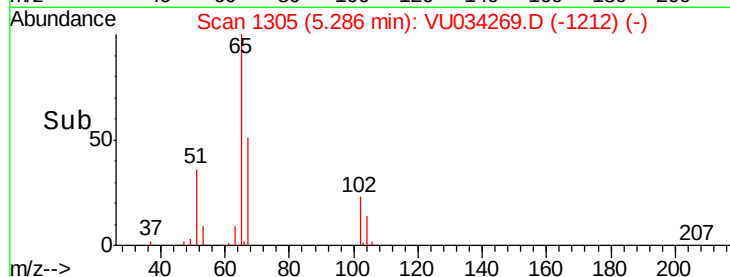
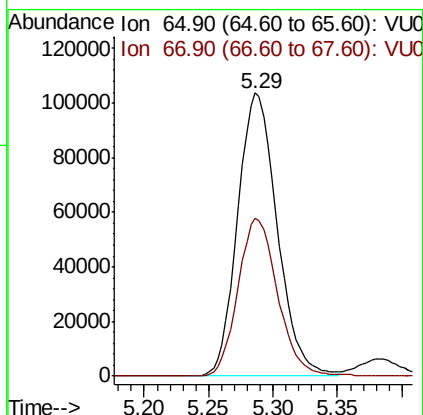
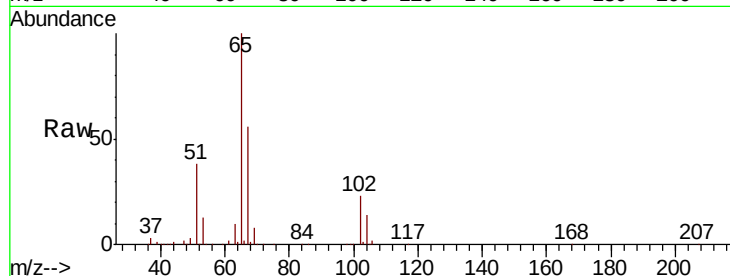




#33
 1,2-Dichloroethane-d4
 Concen: 46.403 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

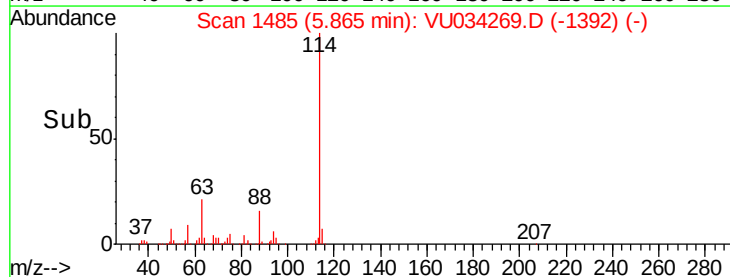
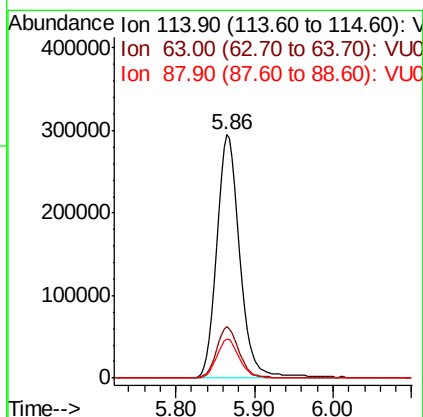
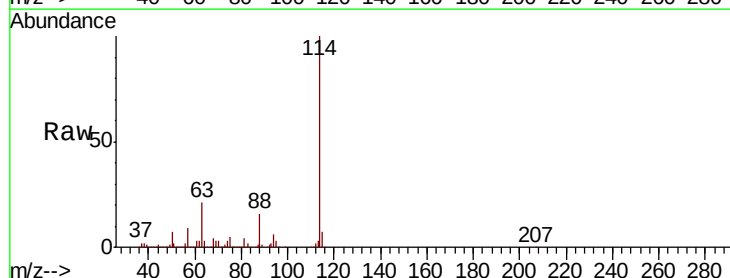
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

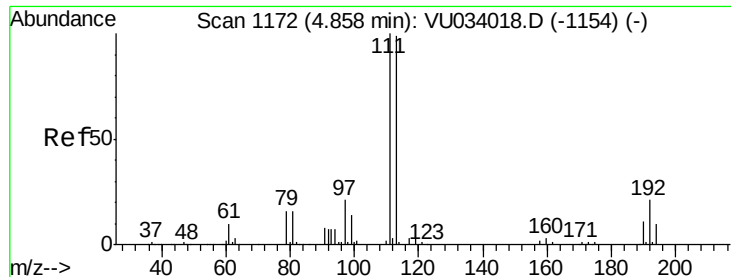
Tgt Ion: 65 Resp: 221771
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion: 114 Resp: 594890
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.0
 88 16.1 0.0 32.0

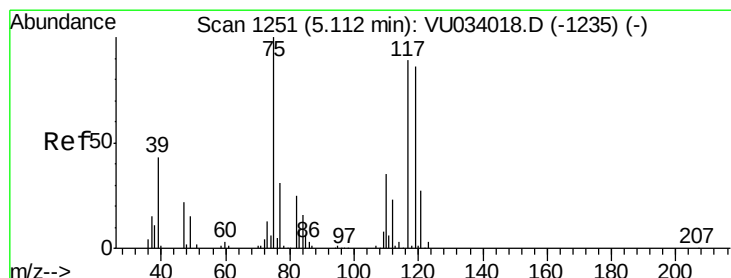
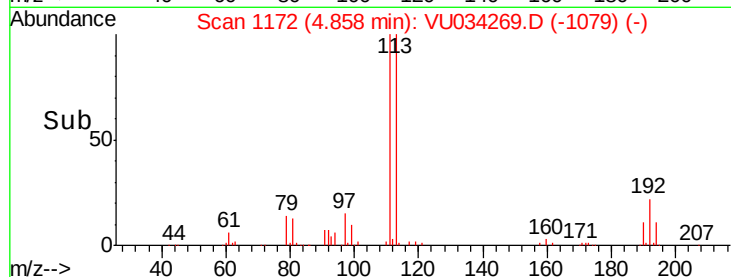
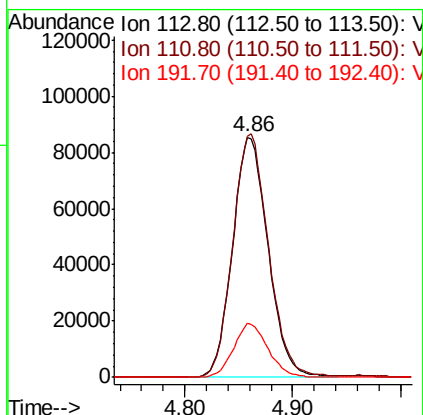
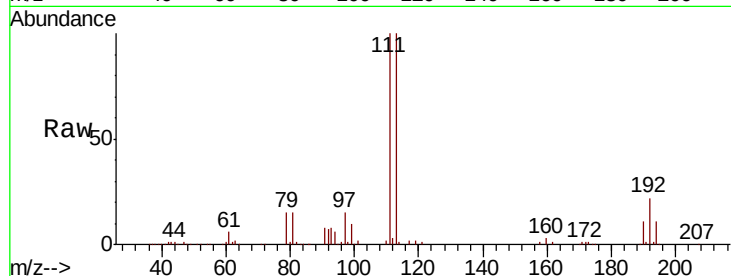




#35
 Dibromofluoromethane
 Concen: 47.526 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

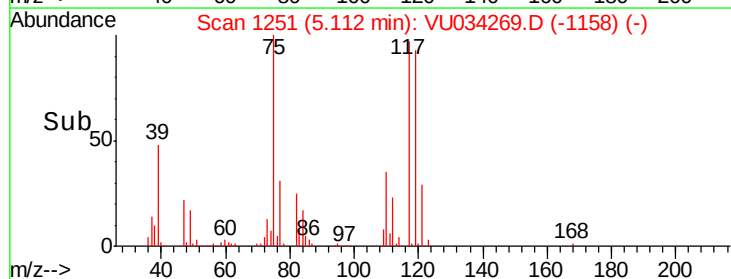
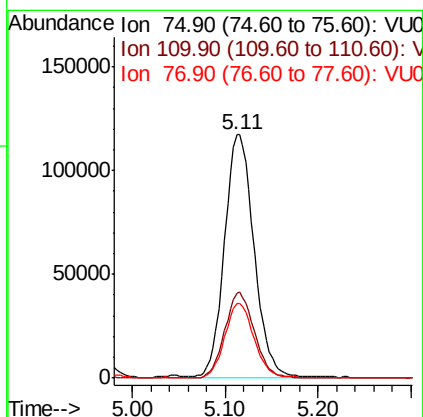
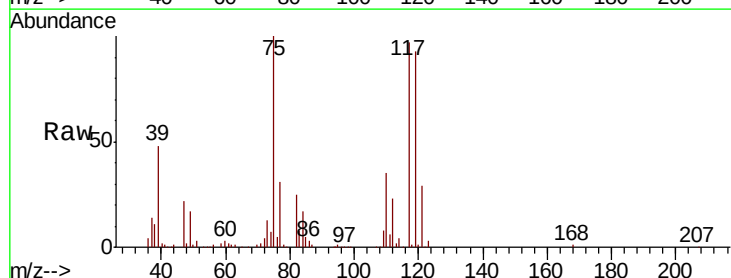
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

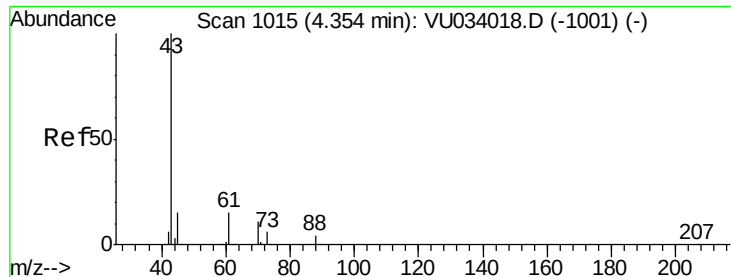
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	21.8	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 45.674 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.8	53.5
77	31.1	25.0	37.4

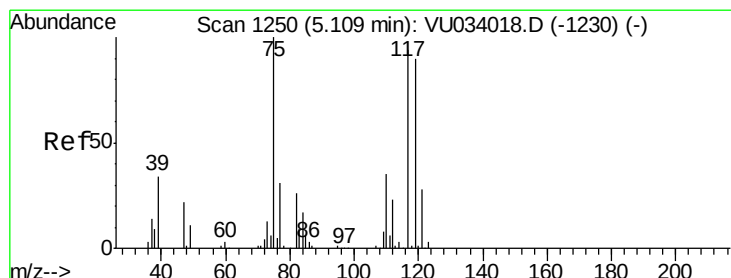
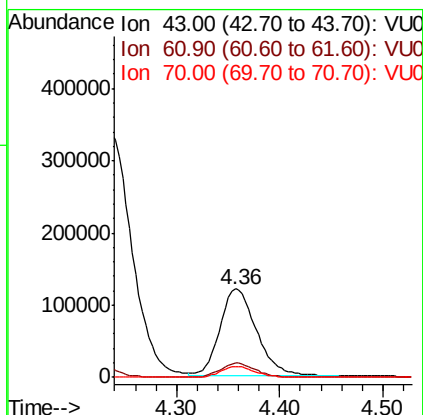
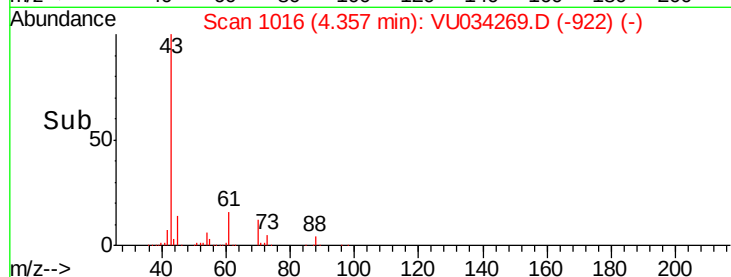
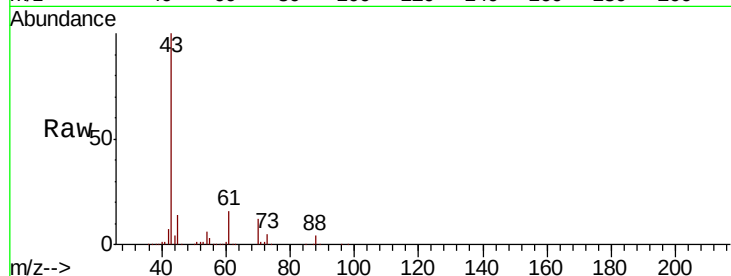




#37
Ethyl Acetate
Concen: 47.749 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

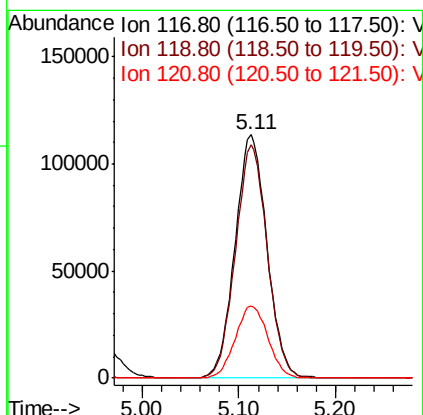
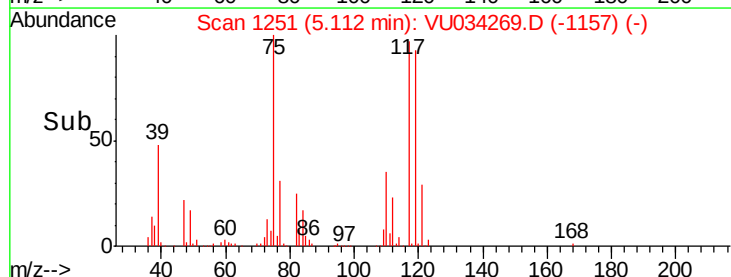
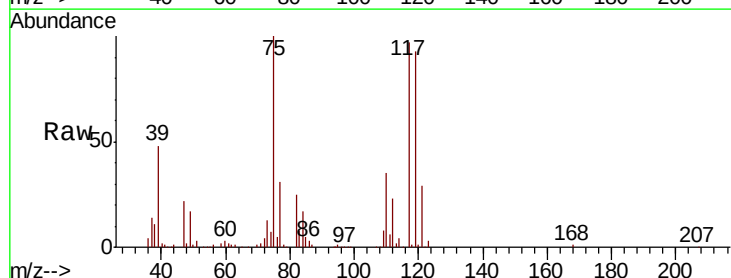
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

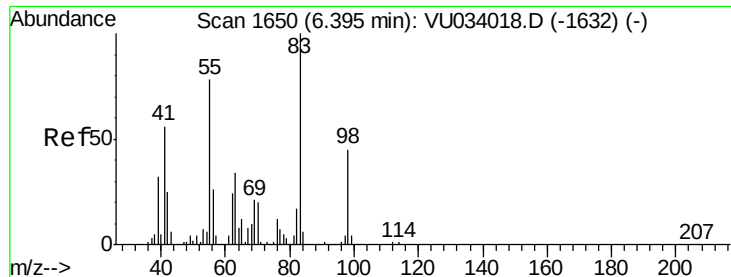
Tgt Ion: 43 Resp: 300874
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 11.5 8.6 12.8



#38
Carbon Tetrachloride
Concen: 47.787 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 117 Resp: 259551
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.4
121 29.6 23.9 35.9

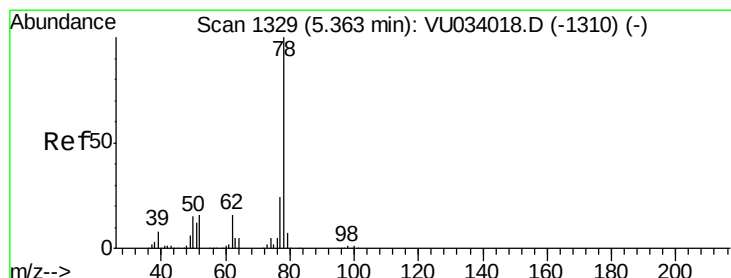
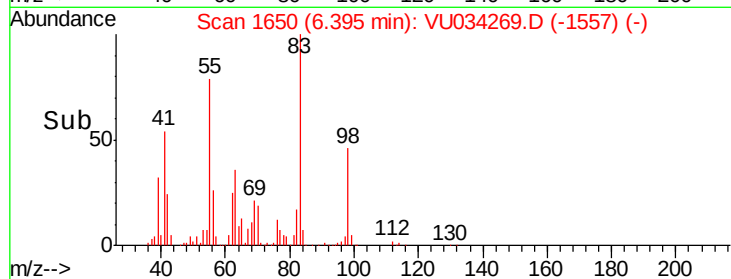
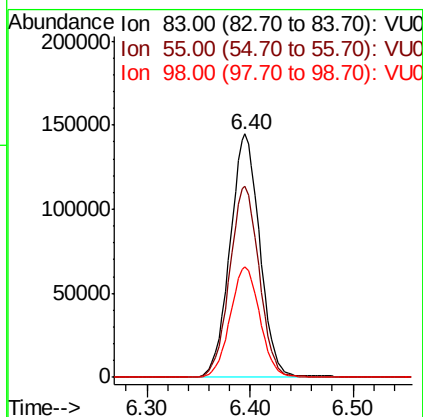
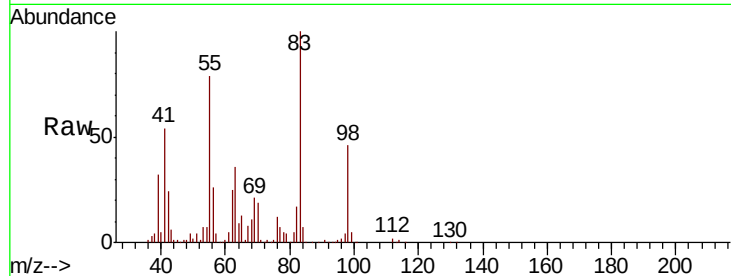




#39
Methylcyclohexane
Concen: 43.866 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

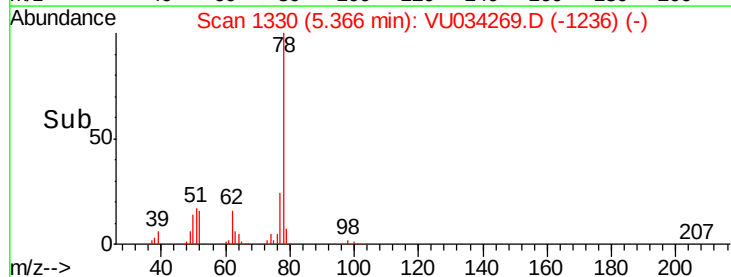
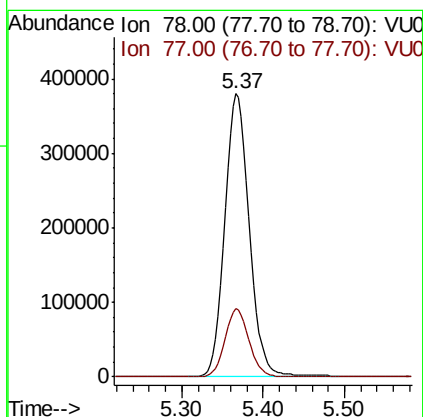
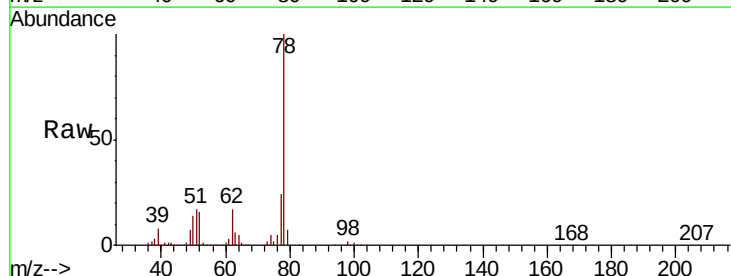
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

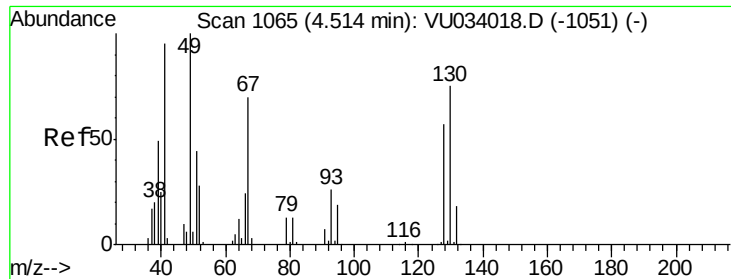
Tgt Ion: 83 Resp: 290922
Ion Ratio Lower Upper
83 100
55 78.7 62.3 93.5
98 45.6 36.2 54.2



#40
Benzene
Concen: 47.583 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 78 Resp: 810073
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

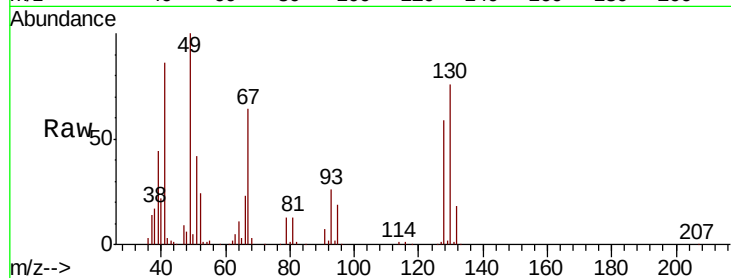




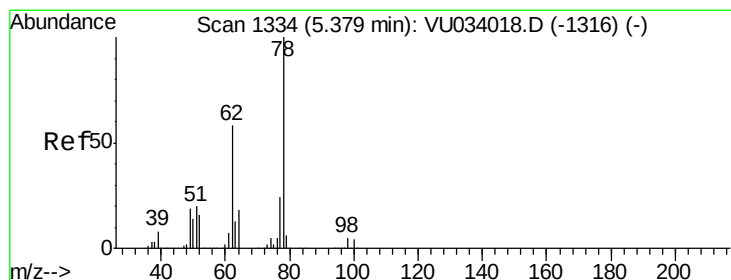
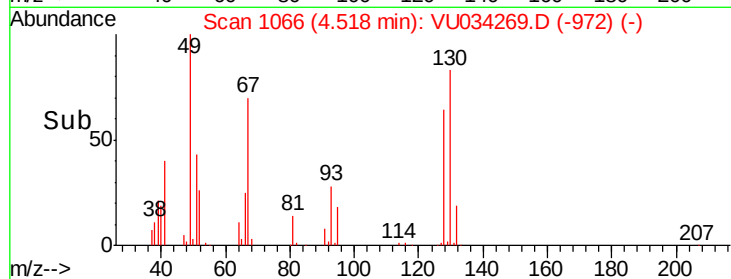
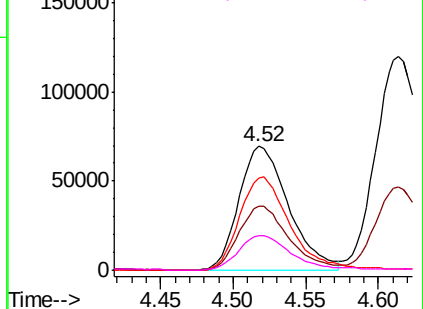
#41
Methacrylonitrile
Concen: 51.108 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	165160
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.1	63.1
67	77.6	61.0	91.4
52	28.9	23.3	34.9

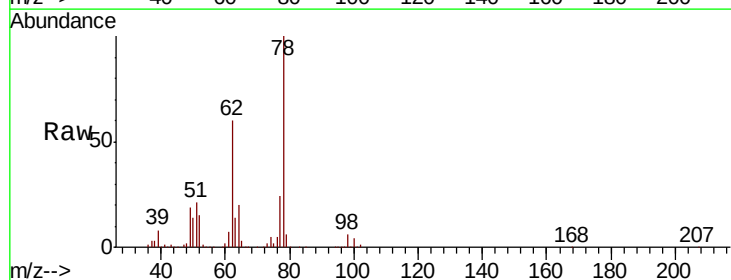


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

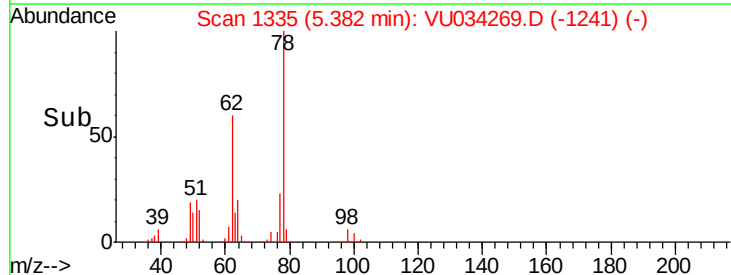
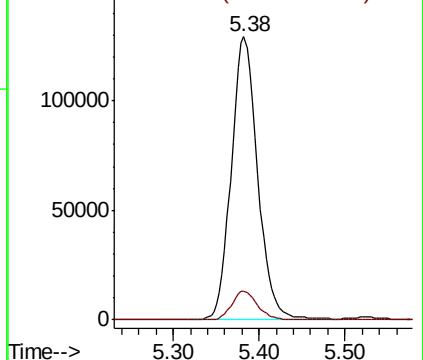


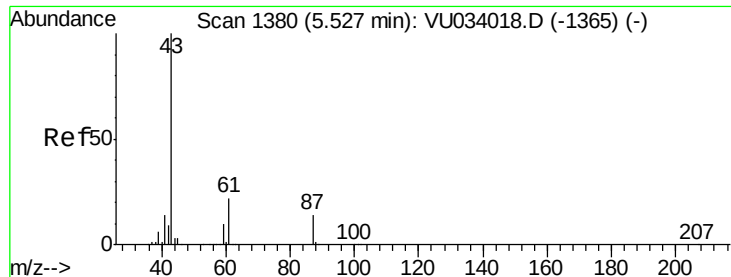
#42
1,2-Dichloroethane
Concen: 46.869 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion:	62	Resp:	275532
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 48.582 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

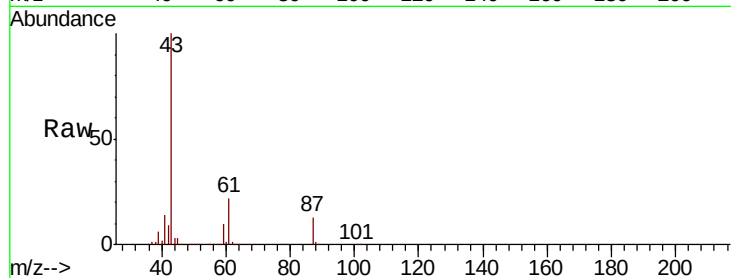
Tgt Ion: 43 Resp: 465717

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

87 13.5 10.8 16.2

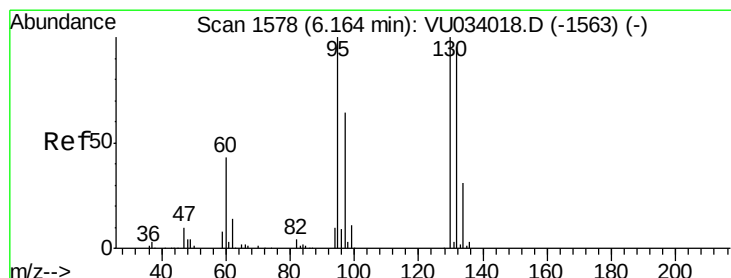
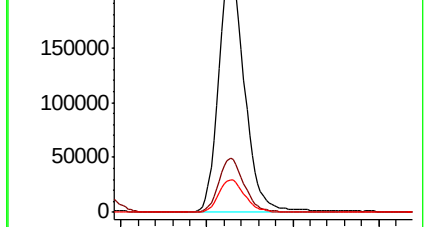
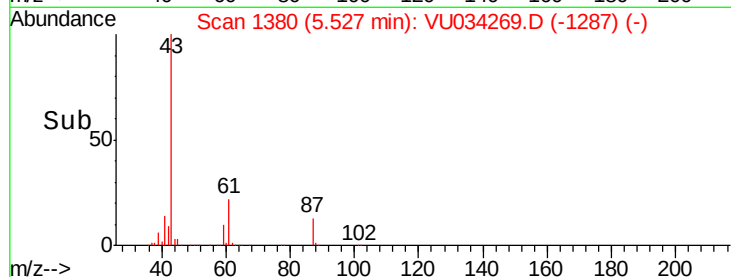


Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)

5.53



#44

Trichloroethene

Concen: 49.760 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034269.D

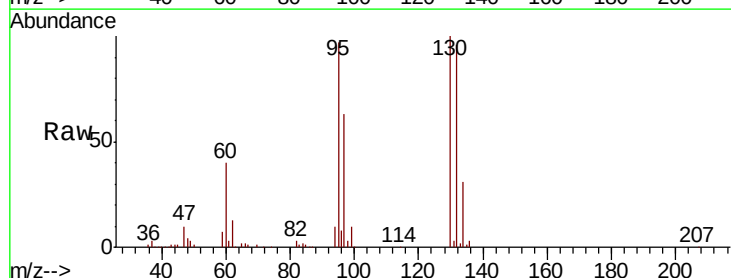
Acq: 04 Sep 2019 19:37

Tgt Ion: 130 Resp: 222458

Ion Ratio Lower Upper

130 100

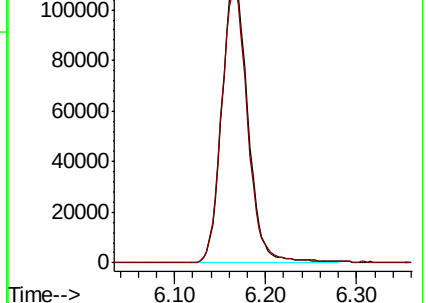
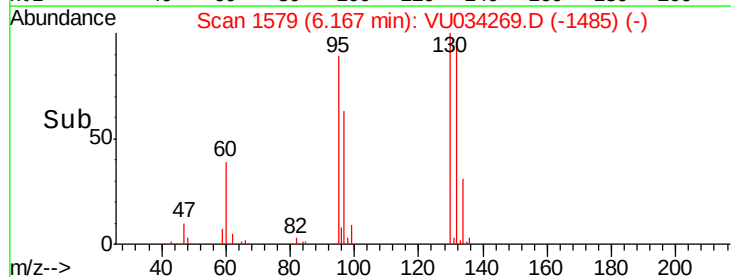
95 96.8 0.0 199.6

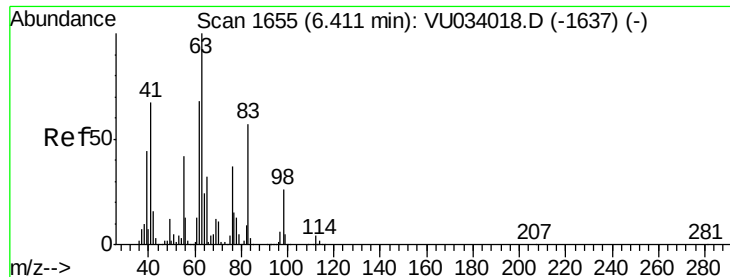


Abundance Ion 129.80 (129.50 to 130.50): VU034018.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU034018.D (-1563) (-)

6.17





#45

1,2-Dichloropropane

Concen: 49.026 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

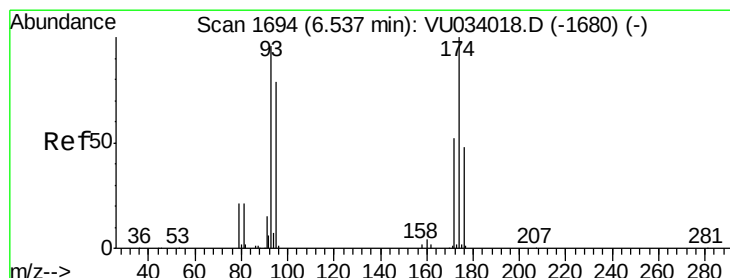
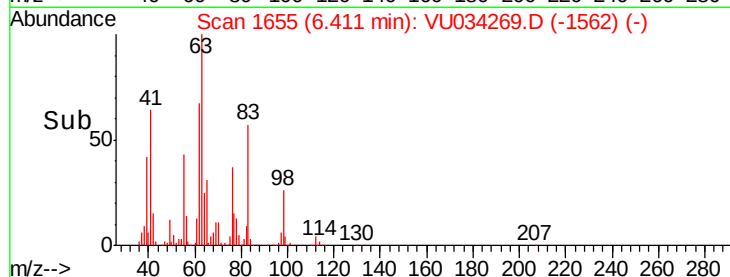
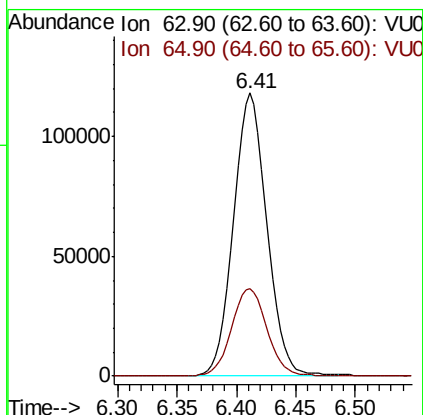
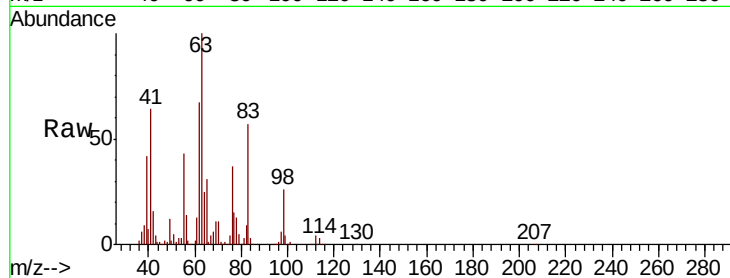
VSTDCCC050EC

Tgt Ion: 63 Resp: 229754

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 49.236 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

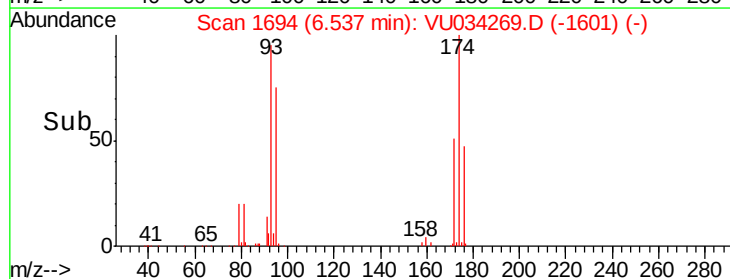
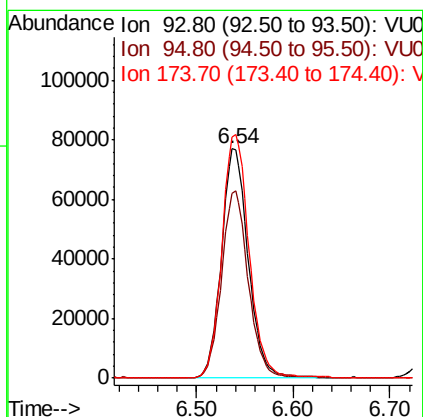
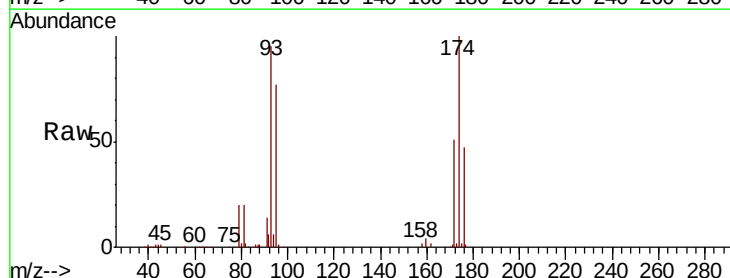
Tgt Ion: 93 Resp: 148656

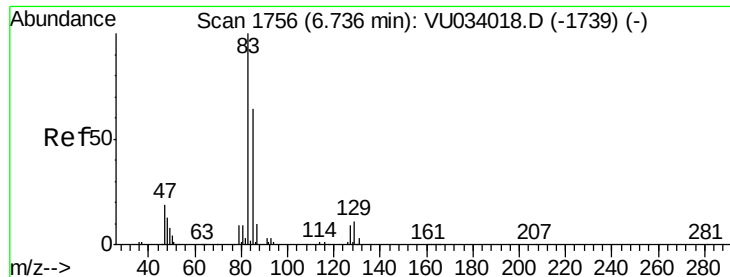
Ion Ratio Lower Upper

93 100

95 80.6 66.7 100.1

174 107.9 84.9 127.3





#47

Bromodichloromethane

Concen: 49.413 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

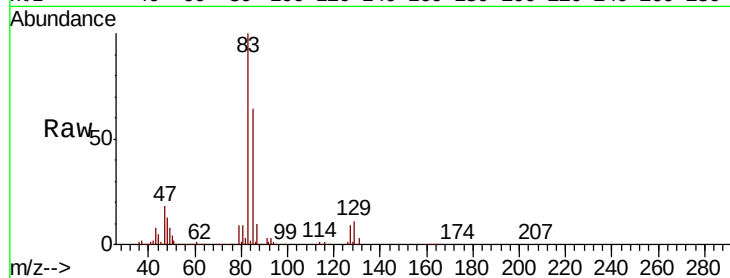
Tgt Ion: 83 Resp: 291890

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

127 8.9 7.0 10.6

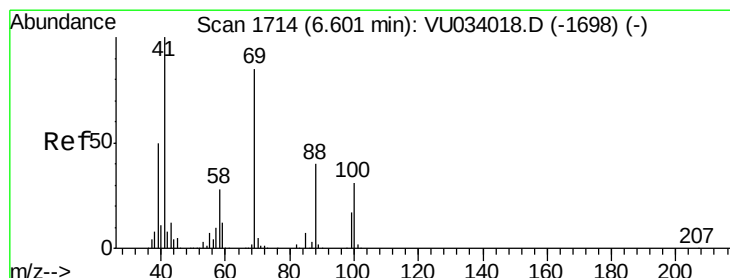
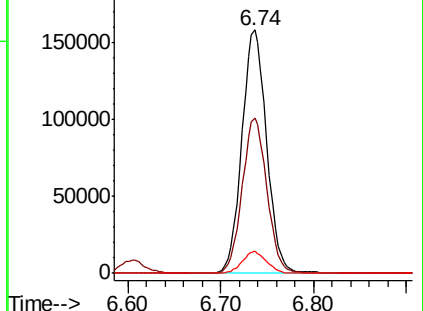
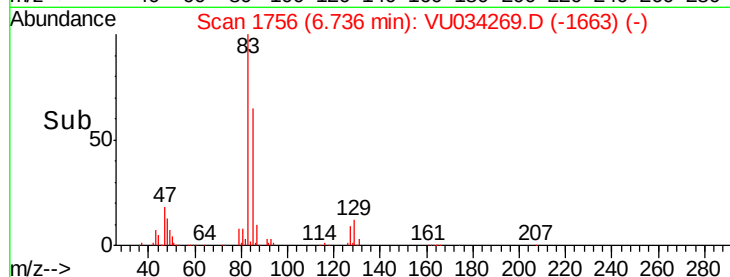


Abundance Ion 82.90 (82.60 to 83.60): VU034269.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034269.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034269.D (-1663) (-)

6.74



#48

Methyl methacrylate

Concen: 47.960 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

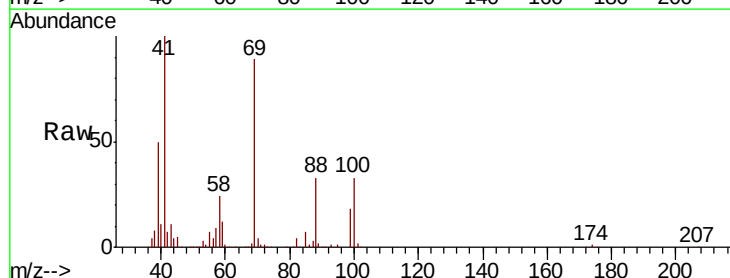
Tgt Ion: 41 Resp: 221856

Ion Ratio Lower Upper

41 100

69 92.2 69.5 104.3

39 49.7 40.3 60.5

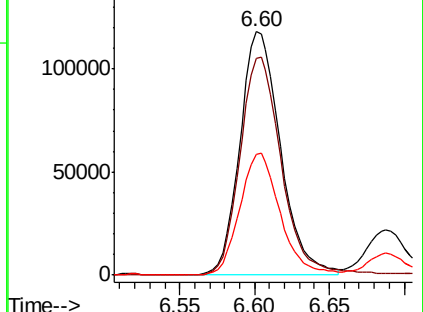
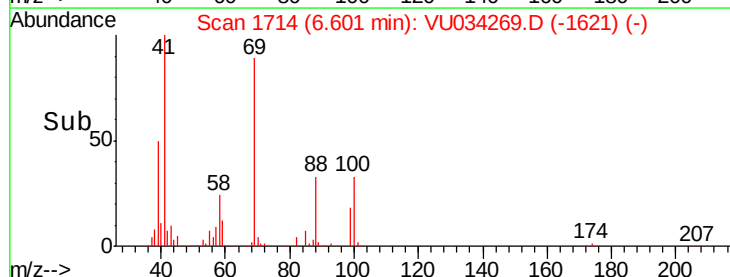


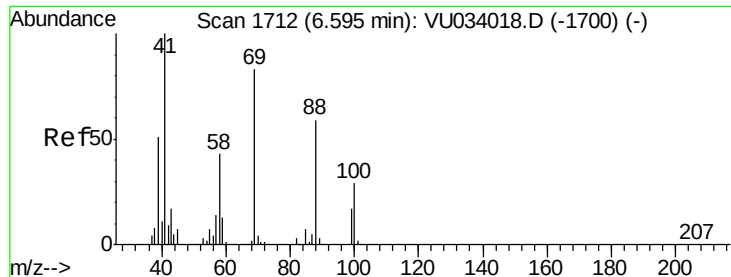
Abundance Ion 41.00 (40.70 to 41.70): VU034269.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034269.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034269.D (-1621) (-)

6.60

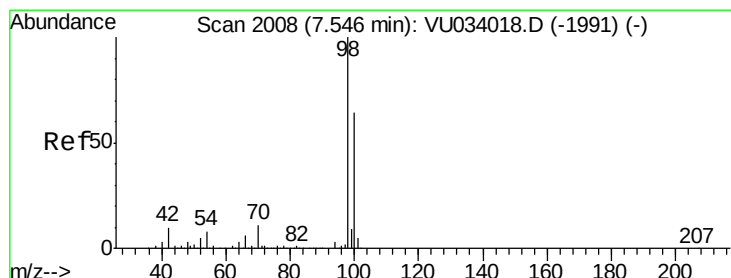
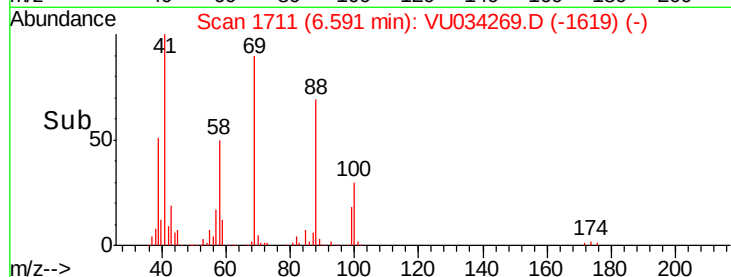
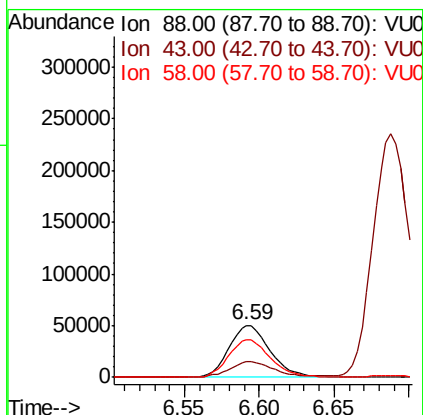
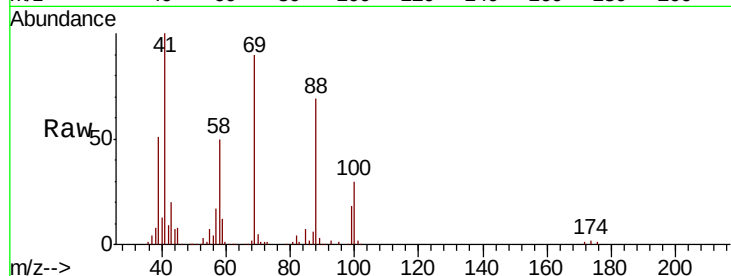




#49
1,4-Dioxane
Concen: 817.596 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

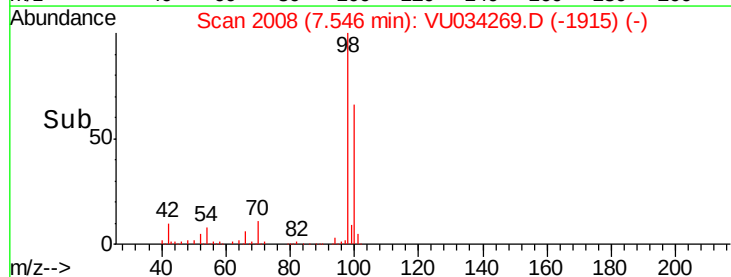
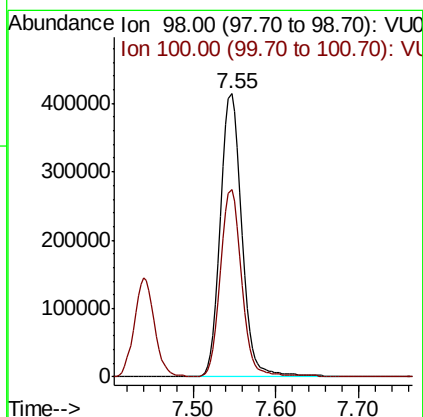
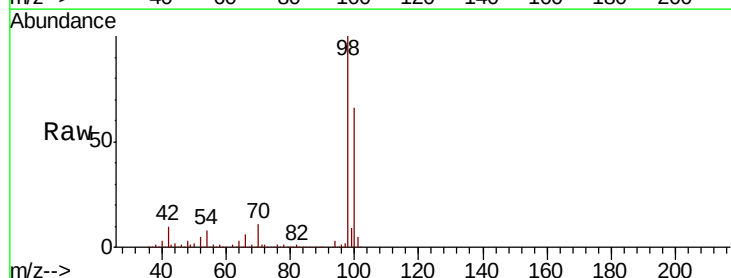
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

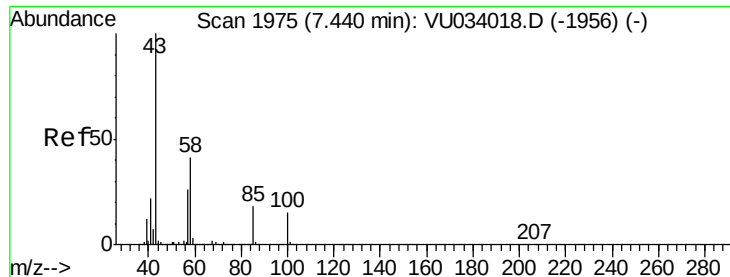
Tgt Ion: 88 Resp: 94762
Ion Ratio Lower Upper
88 100
43 31.2 24.8 37.2
58 74.9 59.3 88.9



#50
Toluene-d8
Concen: 48.231 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 98 Resp: 745154
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 241.353 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

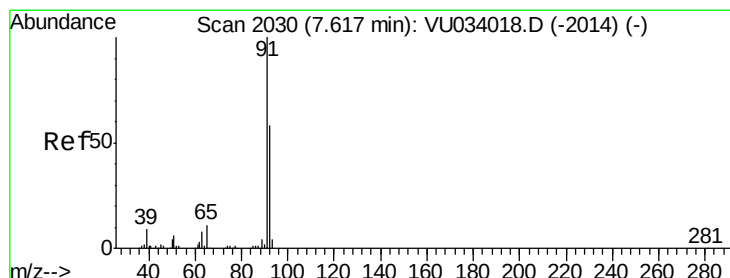
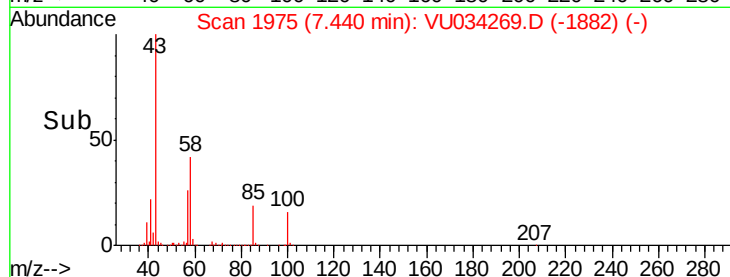
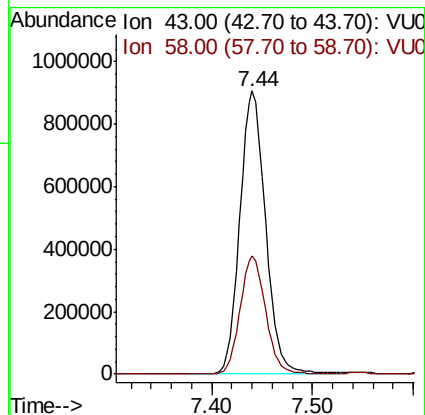
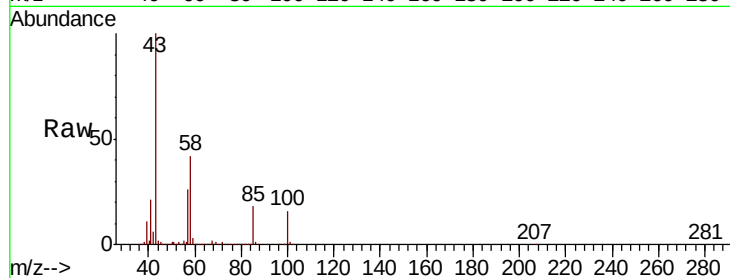
VSTDCCC050EC

Tgt Ion: 43 Resp: 1597827

Ion Ratio Lower Upper

43 100

58 41.4 32.2 48.4



#52

Toluene

Concen: 48.866 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034269.D

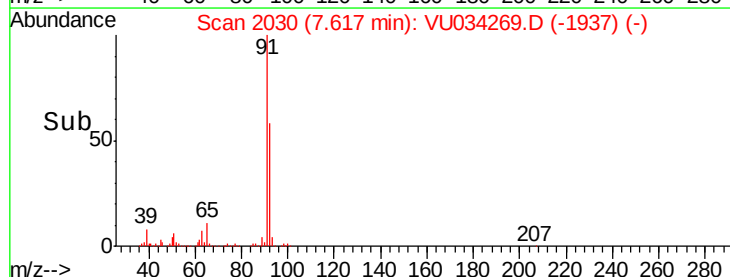
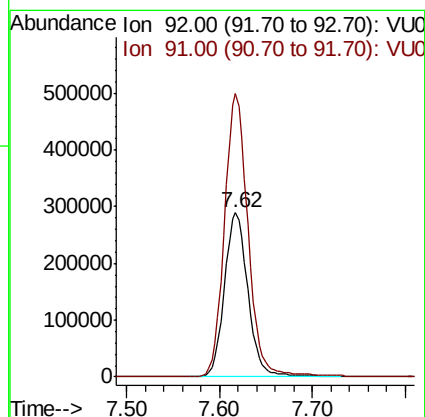
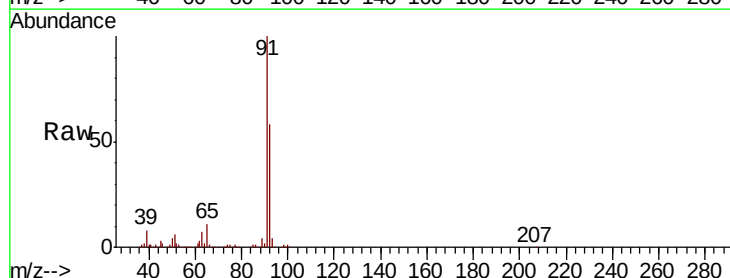
Acq: 04 Sep 2019 19:37

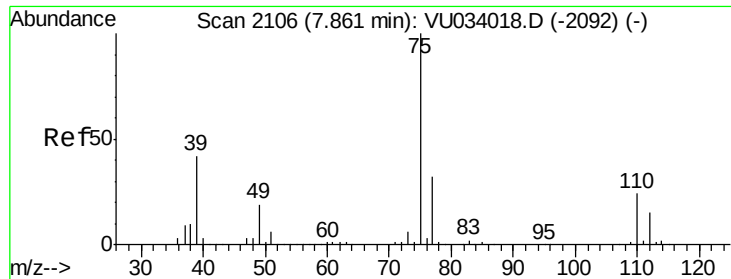
Tgt Ion: 92 Resp: 512474

Ion Ratio Lower Upper

92 100

91 173.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 47.412 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

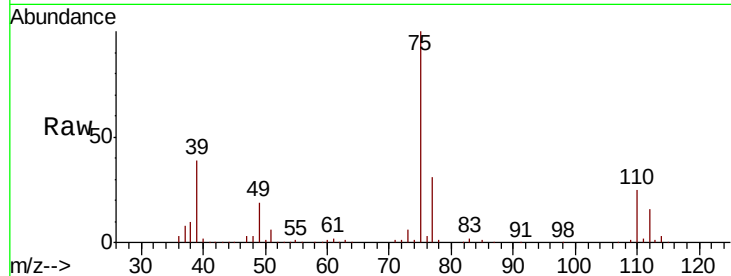
VSTDCCC050EC

Tgt Ion: 75 Resp: 310762

Ion Ratio Lower Upper

75 100

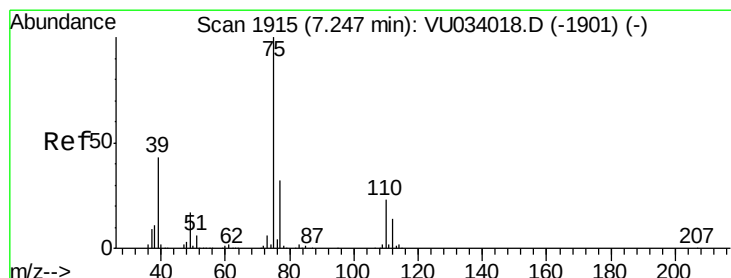
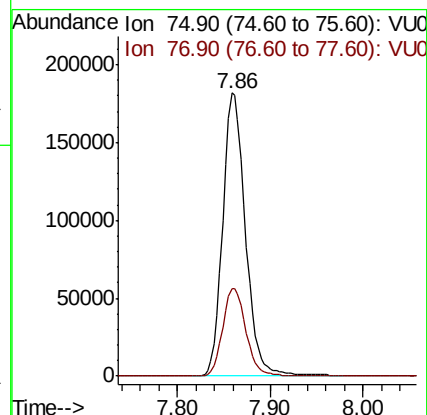
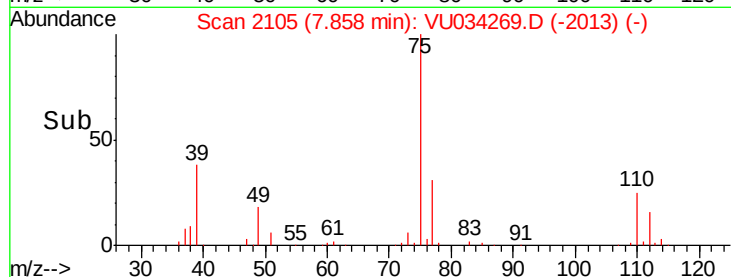
77 30.9 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-2092) (-)

Ion 76.90 (76.60 to 77.60): VU034018.D (-2092) (-)

7.86



#54

cis-1,3-Dichloropropene

Concen: 48.233 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

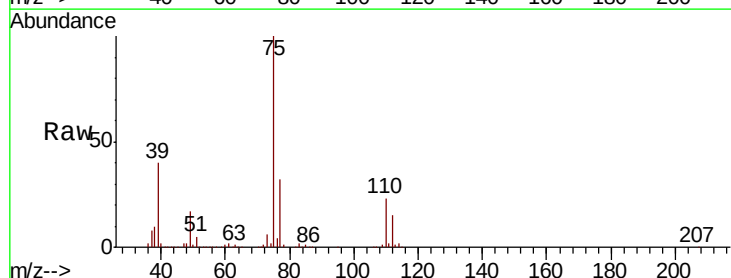
Tgt Ion: 75 Resp: 345393

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 40.2 34.6 51.8

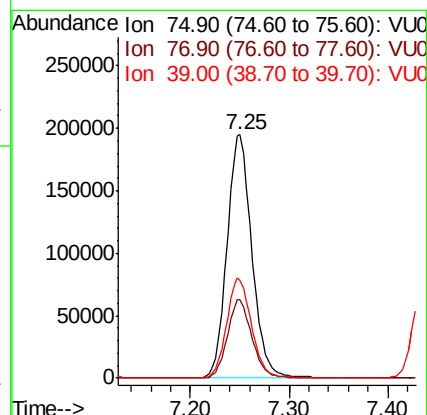
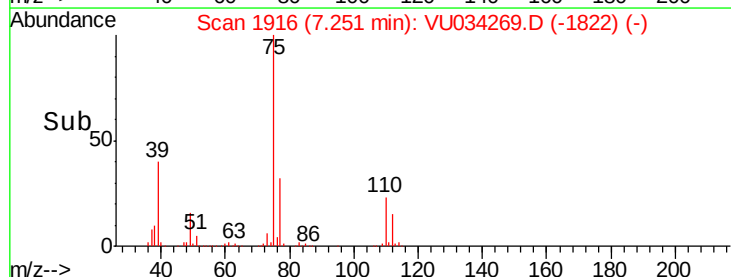


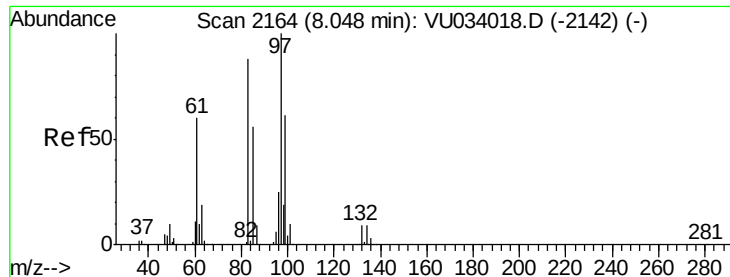
Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-1901) (-)

Ion 76.90 (76.60 to 77.60): VU034018.D (-1901) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1901) (-)

7.25

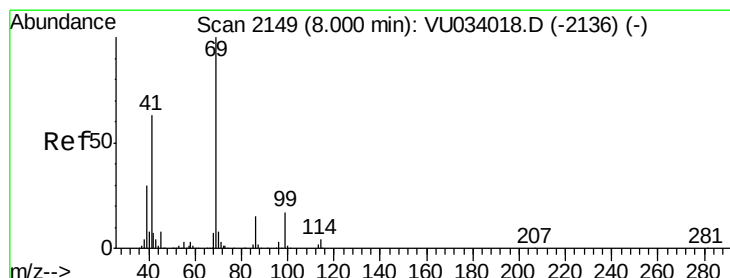
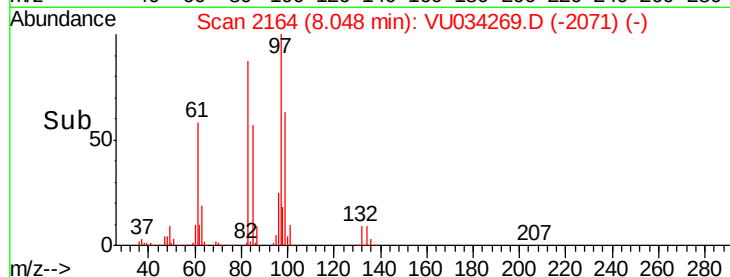
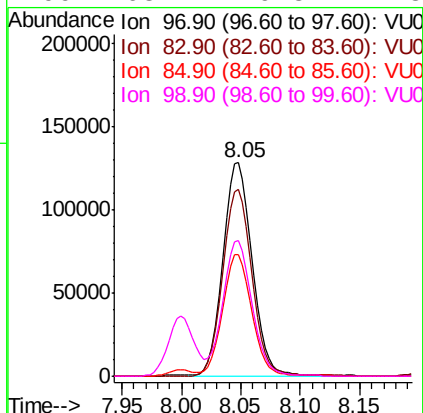
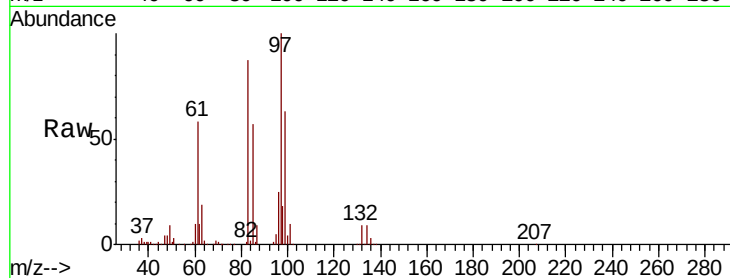




#55
 1,1,2-Trichloroethane
 Concen: 49.080 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

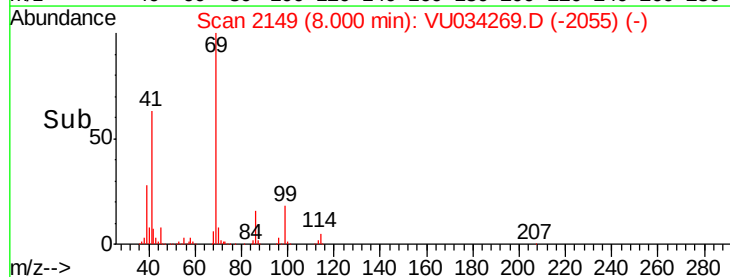
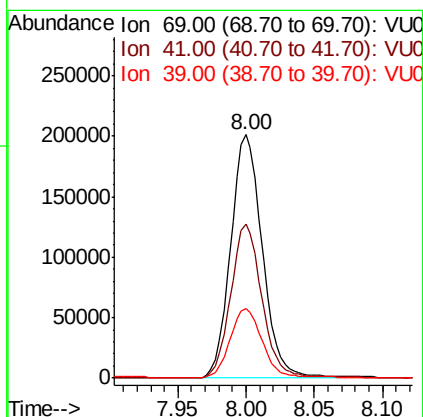
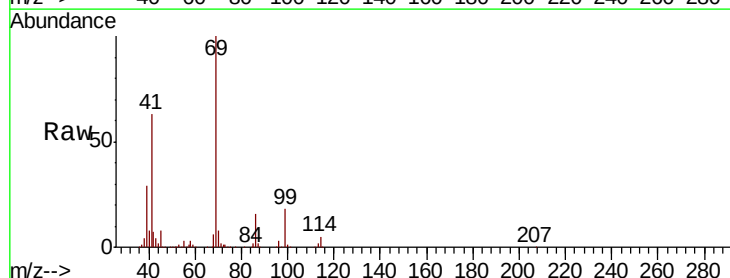
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

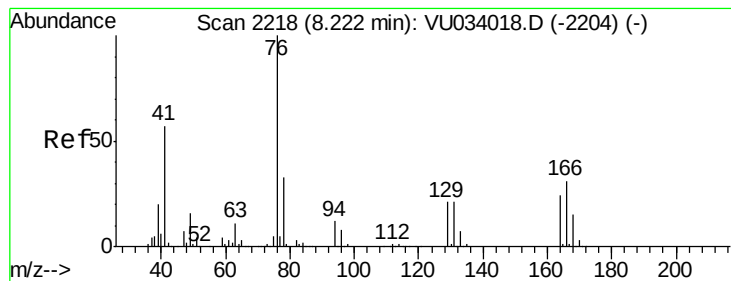
Tgt Ion:	97	Resp:	217721
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.1	105.1
85	56.7	45.0	67.4
99	63.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 44.152 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion:	69	Resp:	324025
Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.7	76.1
39	29.1	24.2	36.2





#57

1,3-Dichloropropane

Concen: 48.460 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

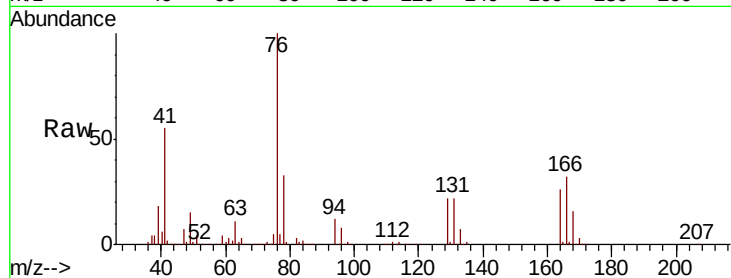
VSTDCCC050EC

Tgt Ion: 76 Resp: 365009

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) (-)

8.22

250000

200000

150000

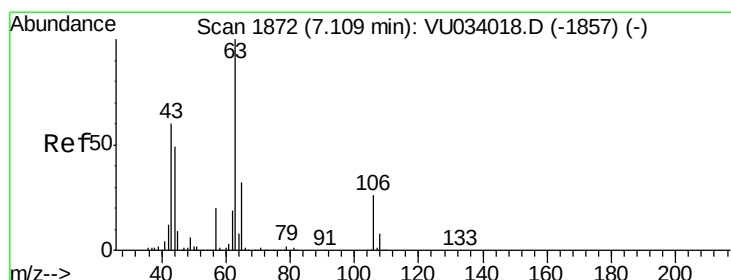
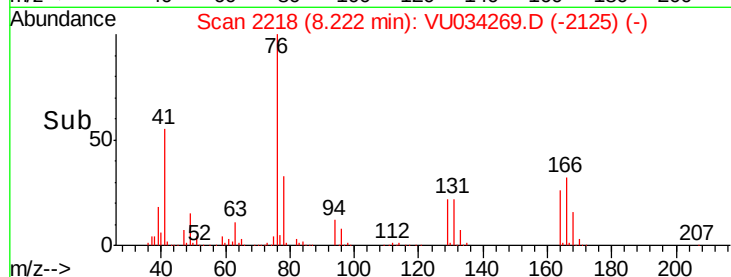
100000

50000

0

8.15 8.20 8.25 8.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 216.785 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034269.D

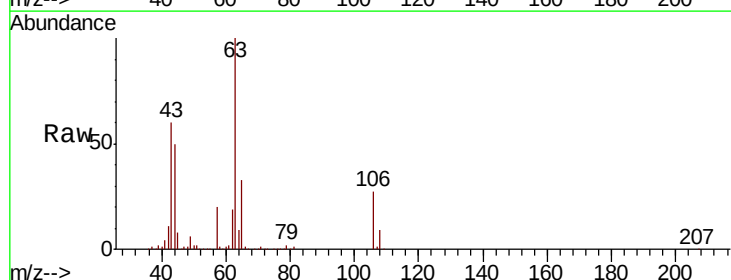
Acq: 04 Sep 2019 19:37

Tgt Ion: 63 Resp: 532026

Ion Ratio Lower Upper

63 100

106 26.9 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) (-)

7.11

300000

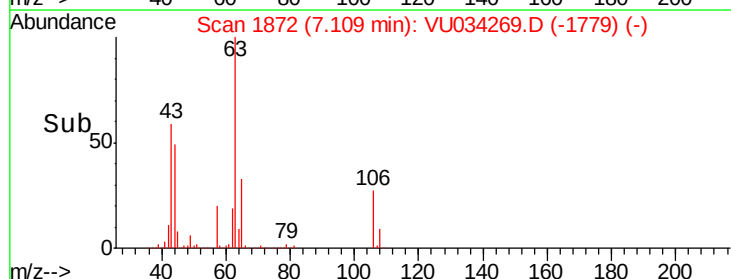
200000

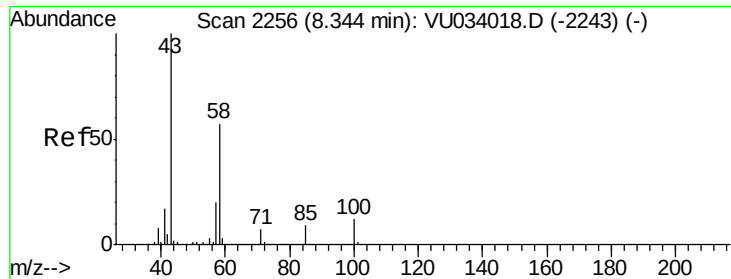
100000

0

7.00 7.10 7.20

Time-->

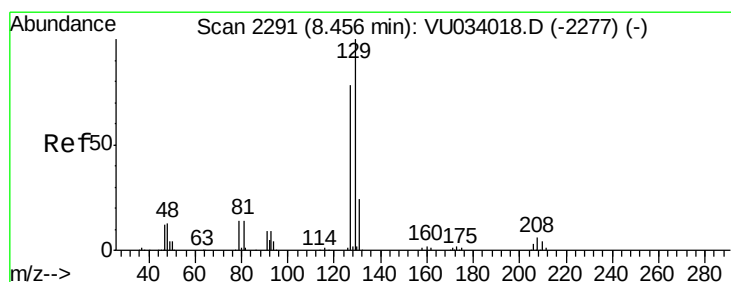
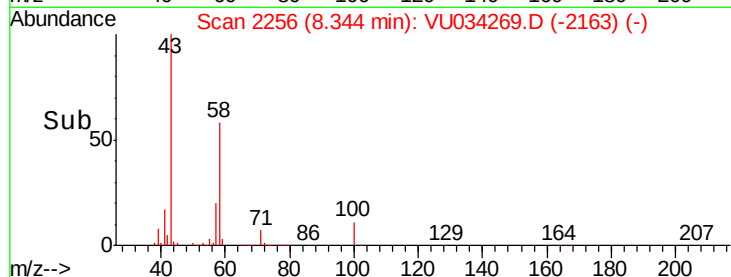
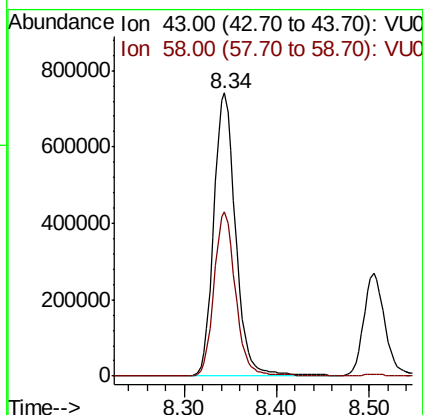
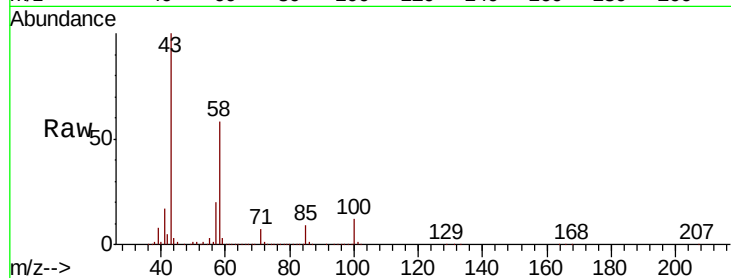




#59
2-Hexanone
Concen: 240.856 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

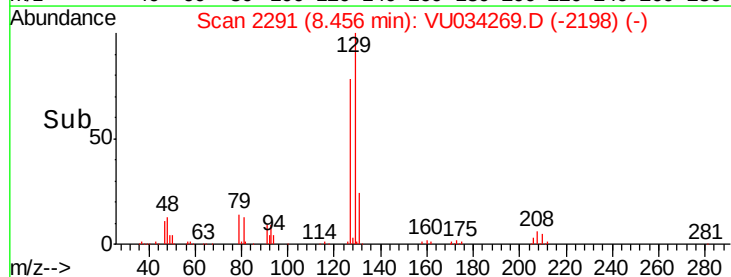
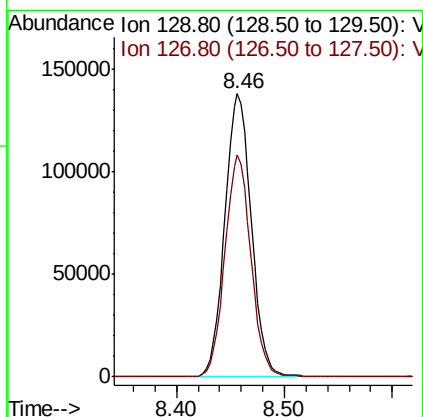
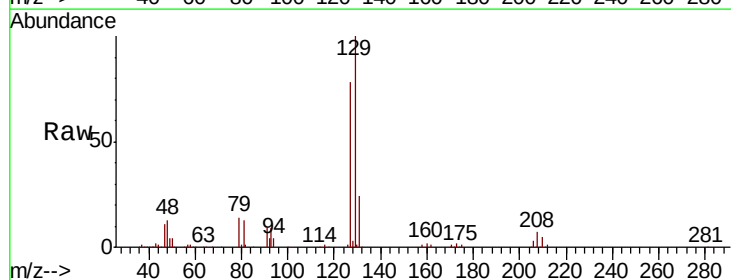
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

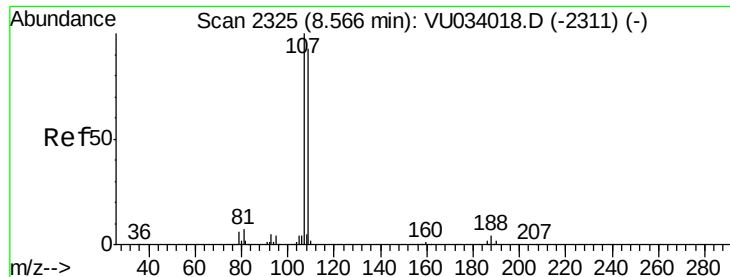
Tgt Ion: 43 Resp: 1203732
Ion Ratio Lower Upper
43 100
58 57.9 28.4 85.3



#60
Dibromochloromethane
Concen: 49.817 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 129 Resp: 237218
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 47.665 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

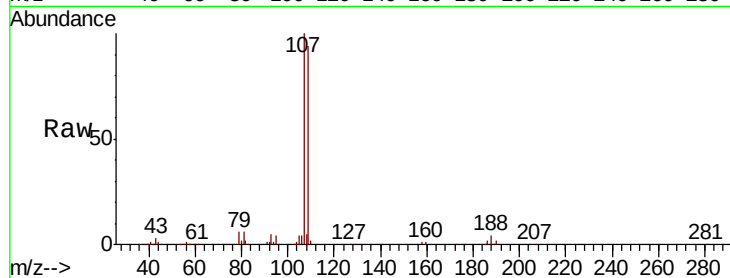
VSTDCCC050EC

Tgt Ion: 107 Resp: 222735

Ion Ratio Lower Upper

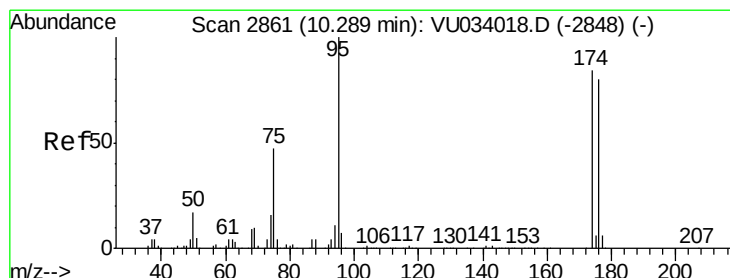
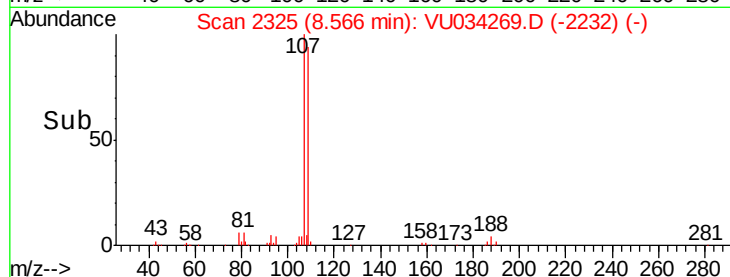
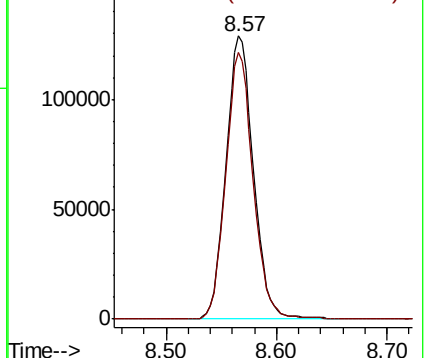
107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.099 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

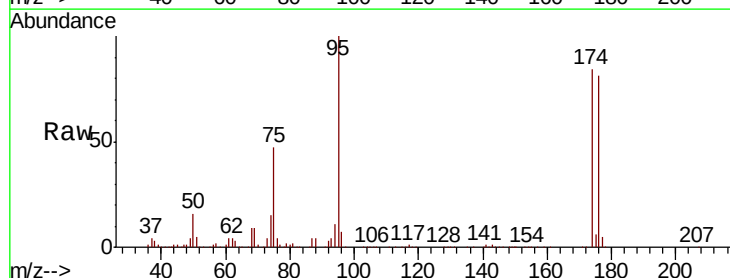
Tgt Ion: 95 Resp: 289066

Ion Ratio Lower Upper

95 100

174 86.1 0.0 168.8

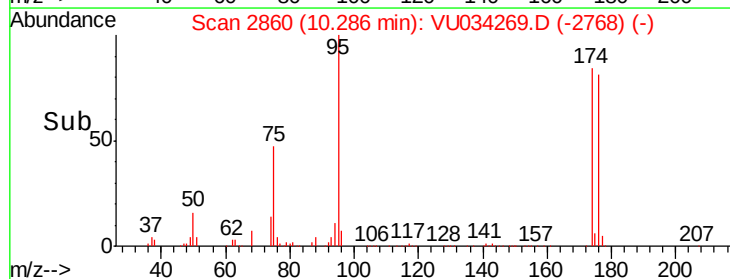
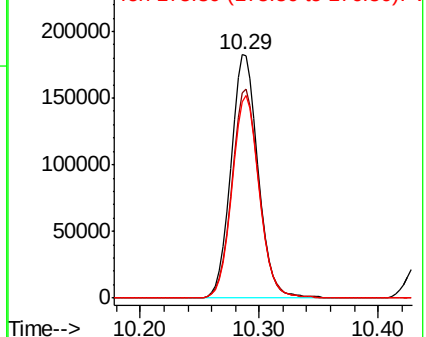
176 83.4 0.0 161.8

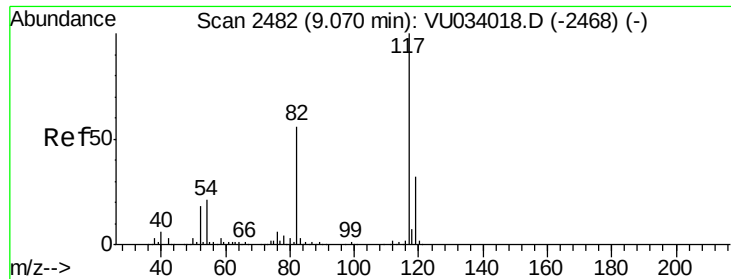


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

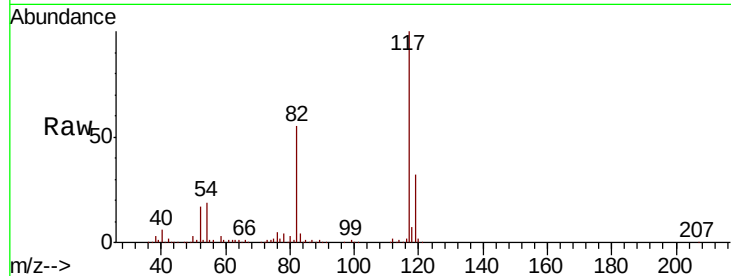




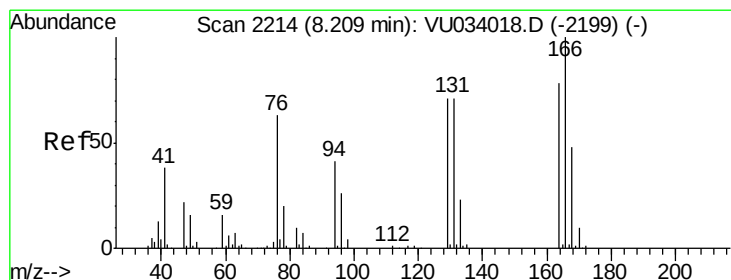
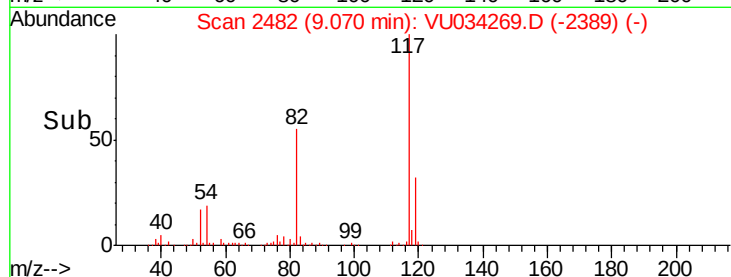
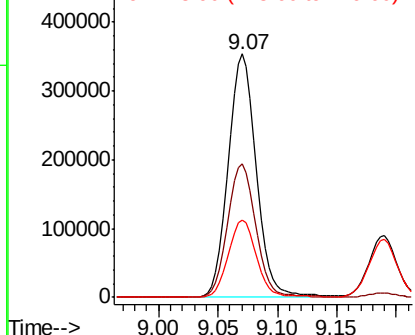
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 580406
Ion Ratio Lower Upper
117 100
82 54.8 45.1 67.7
119 32.0 25.4 38.0

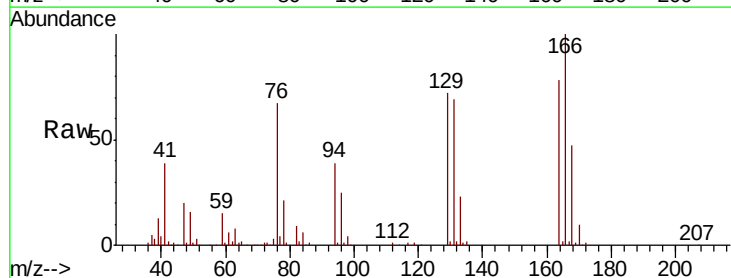


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

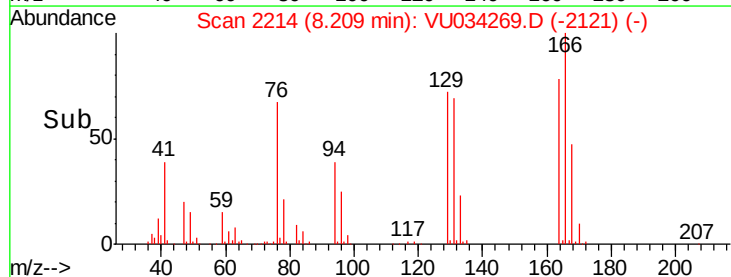
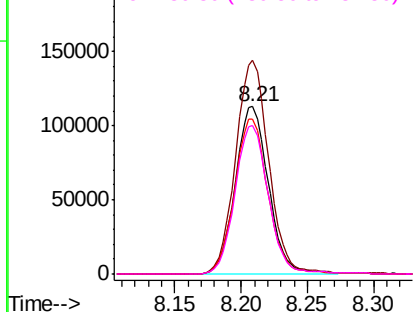


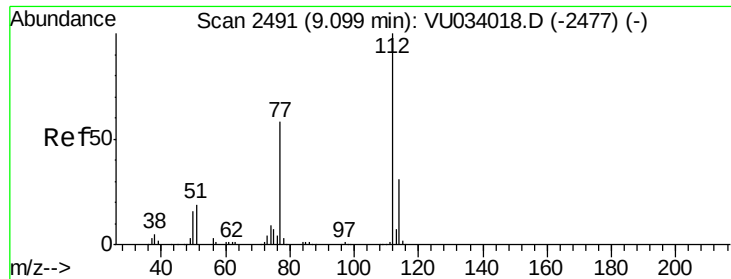
#64
Tetrachloroethene
Concen: 50.471 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion:164 Resp: 196728
Ion Ratio Lower Upper
164 100
166 127.6 102.2 153.2
129 92.4 72.4 108.6
131 88.6 72.1 108.1



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





#65

Chlorobenzene

Concen: 48.245 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

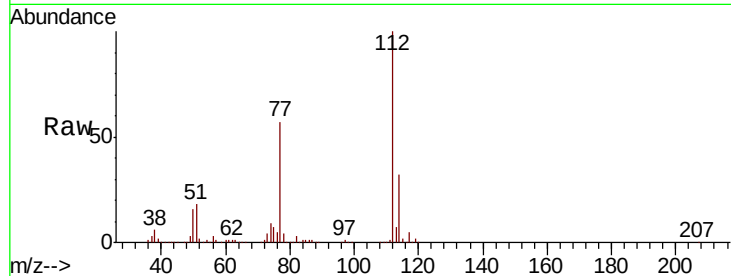
VSTDCCC050EC

Tgt Ion:112 Resp: 576248

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.10

300000

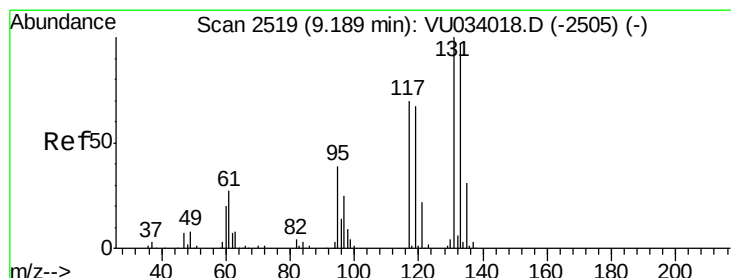
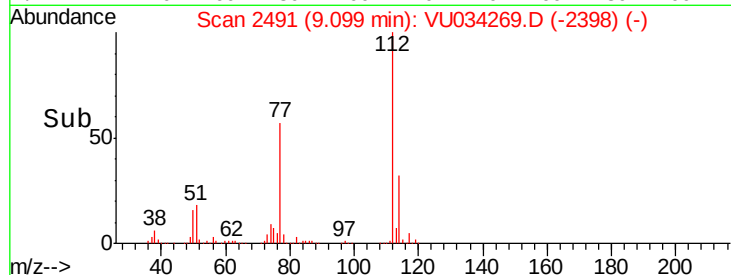
200000

100000

0

Time-->

9.00 9.10 9.20



#66

1,1,1,2-Tetrachloroethane

Concen: 48.390 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

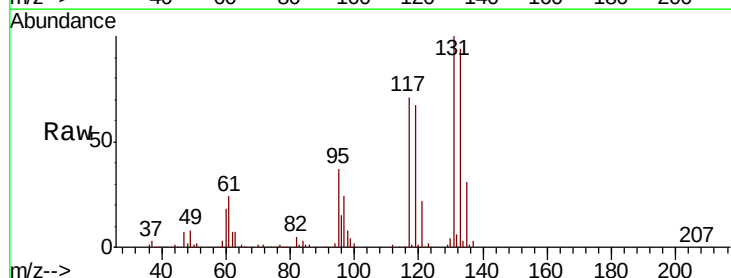
Tgt Ion:131 Resp: 209582

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.2

119 66.3 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.19

150000

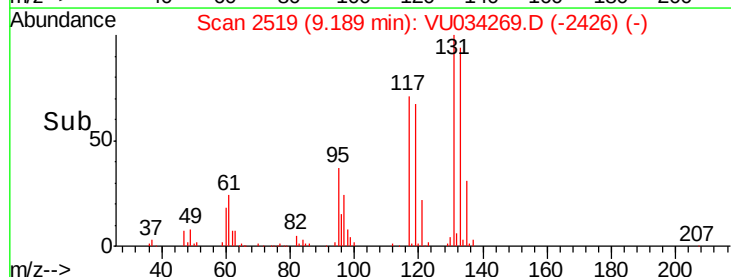
100000

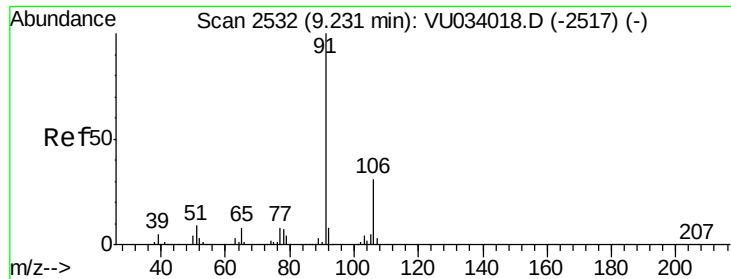
50000

0

Time-->

9.10 9.15 9.20 9.25

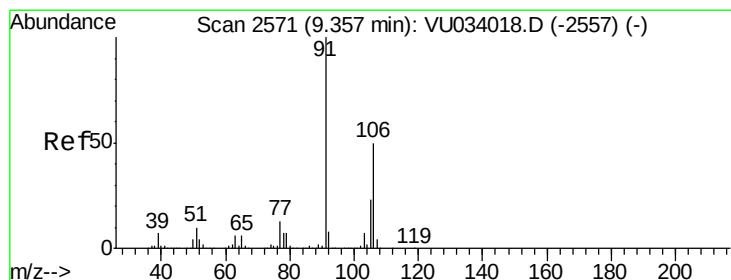
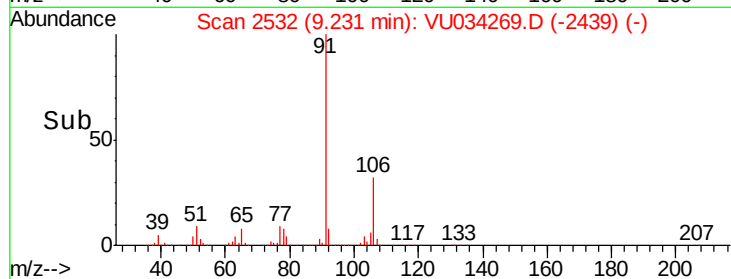
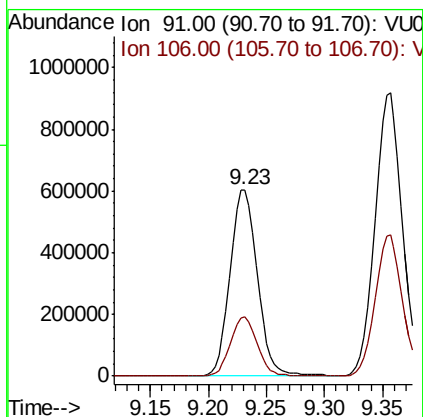
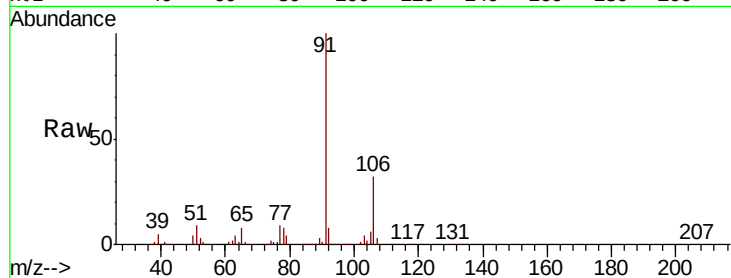




#67
Ethyl Benzene
Concen: 48.471 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

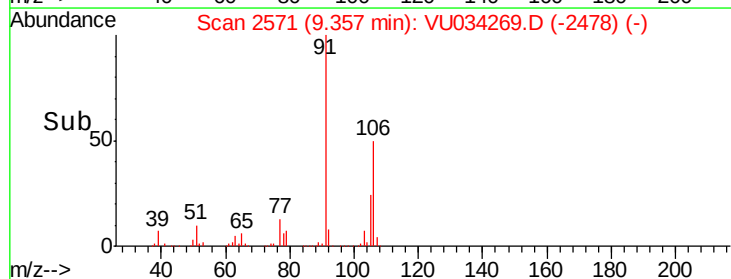
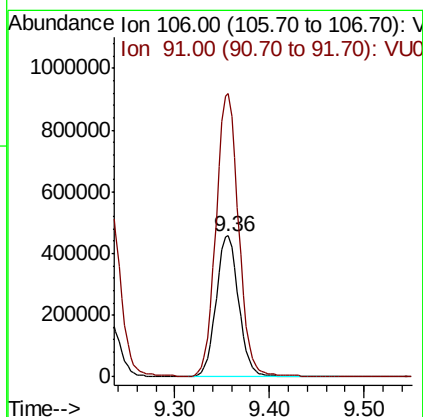
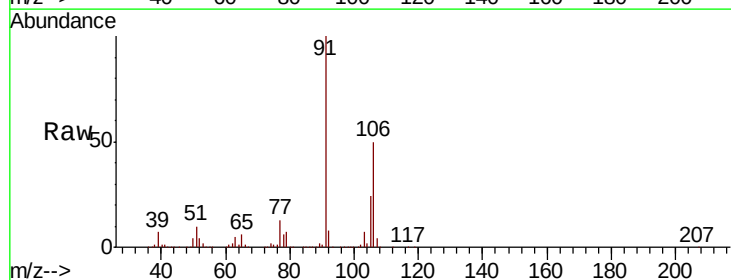
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

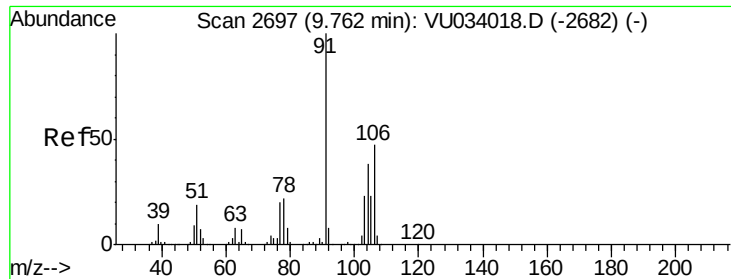
Tgt Ion: 91 Resp: 981390
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 98.732 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 106 Resp: 760107
Ion Ratio Lower Upper
106 100
91 201.5 161.6 242.4

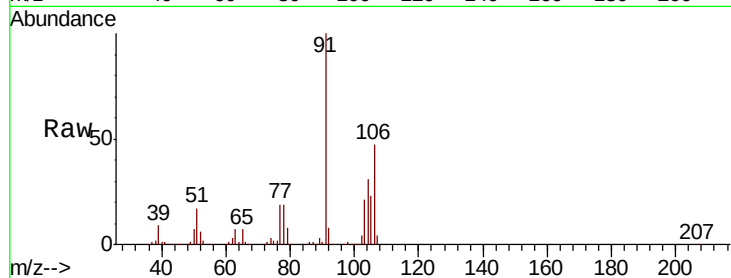




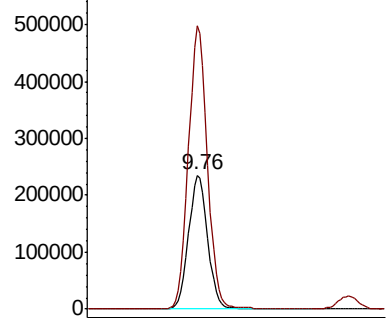
#69
o-Xylene
Concen: 50.082 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

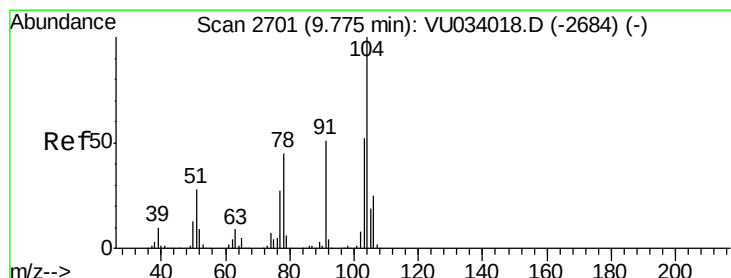
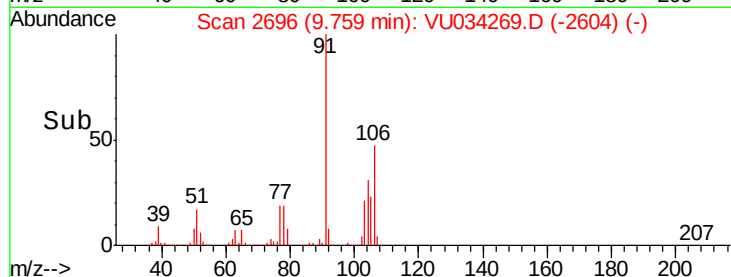
Tgt Ion:106 Resp: 369907
Ion Ratio Lower Upper
106 100
91 209.7 106.0 318.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

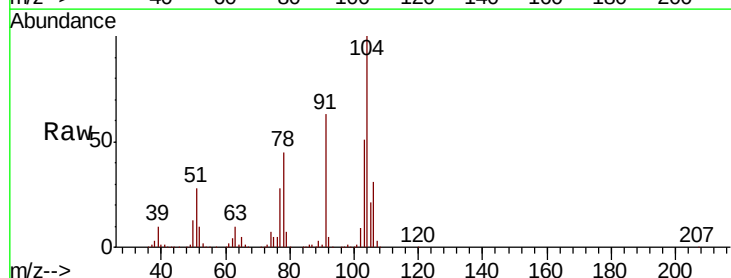


Time-->

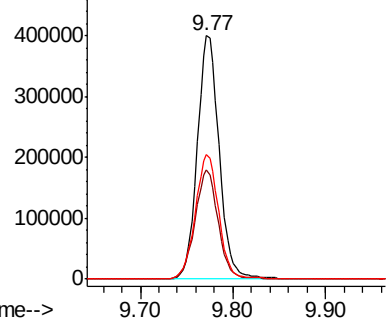


#70
Styrene
Concen: 51.831 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

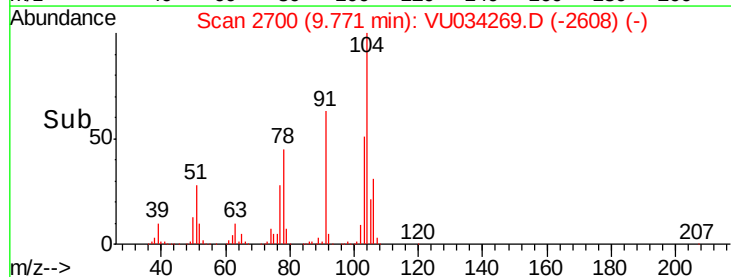
Tgt Ion:104 Resp: 656405
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.4
103 54.6 44.0 66.0

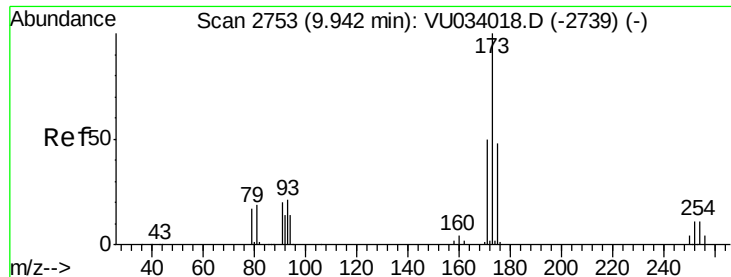


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 48.251 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

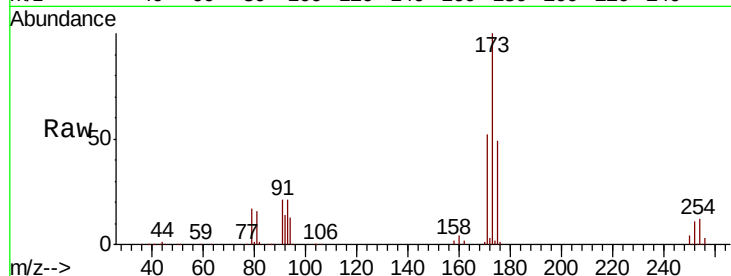
Tgt Ion:173 Resp: 181571

Ion Ratio Lower Upper

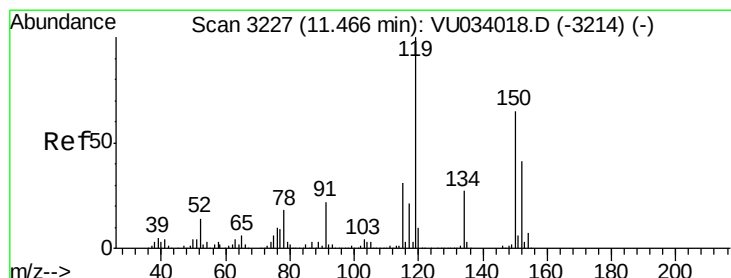
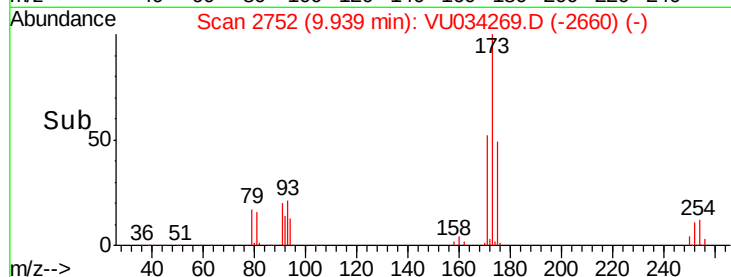
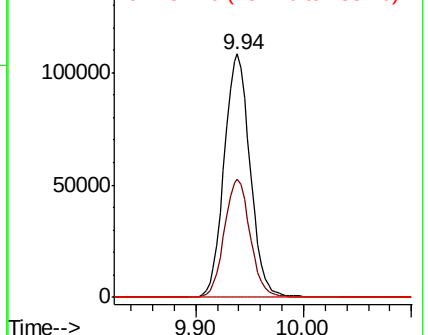
173 100

175 48.4 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: VU034269.D

Acq: 04 Sep 2019 19:37

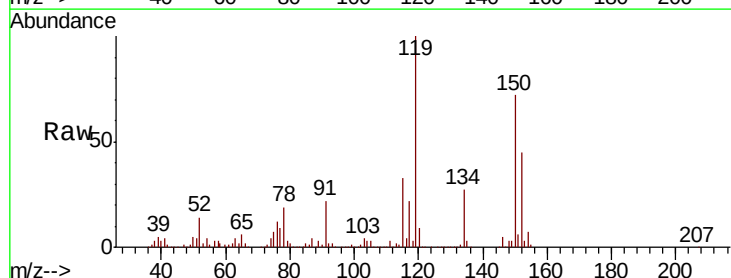
Tgt Ion:152 Resp: 319797

Ion Ratio Lower Upper

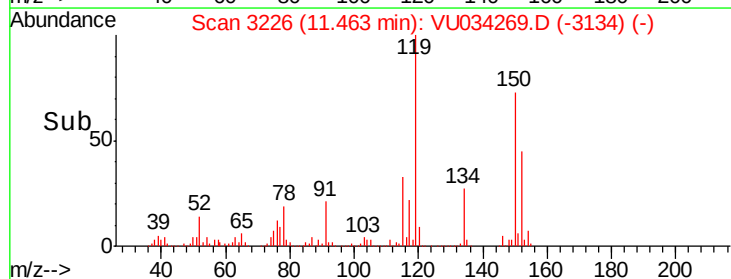
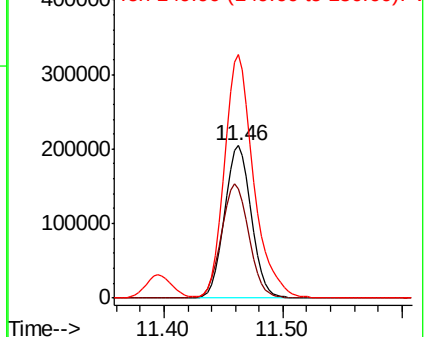
152 100

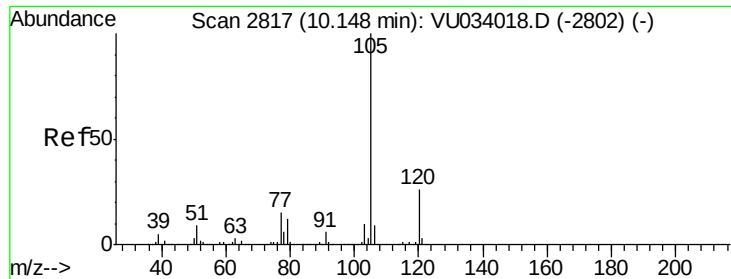
115 77.1 41.1 123.3

150 172.6 0.0 348.8



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

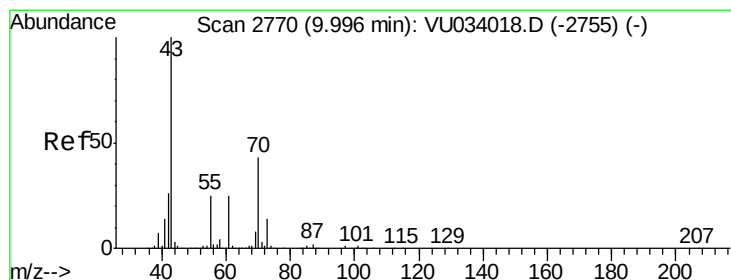
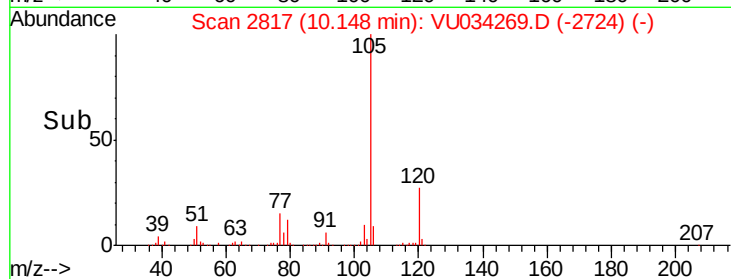
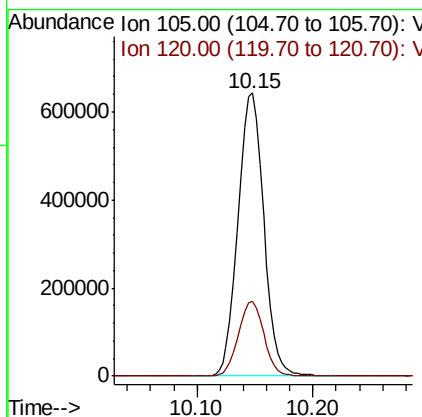
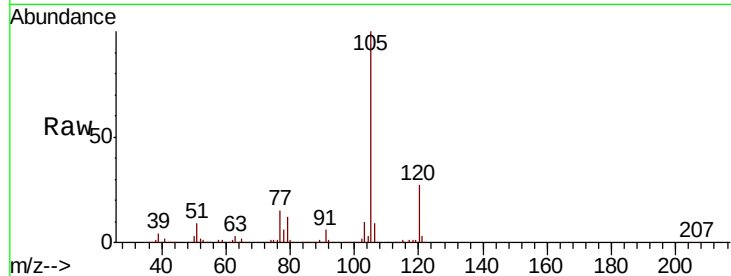




#73
Isopropylbenzene
Concen: 46.217 ug/l
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

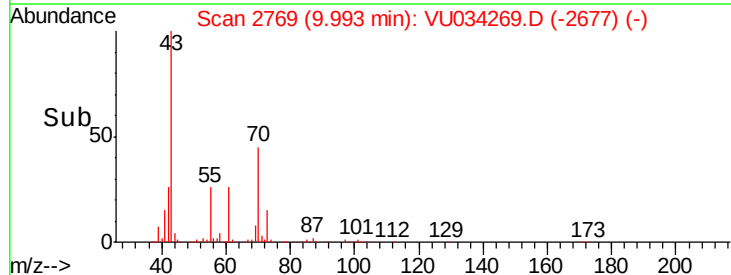
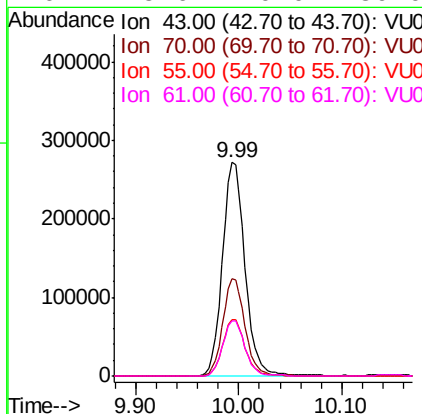
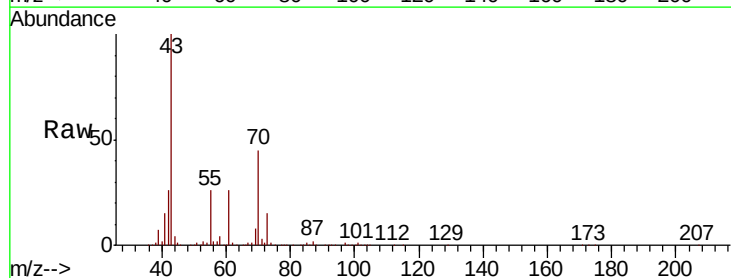
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

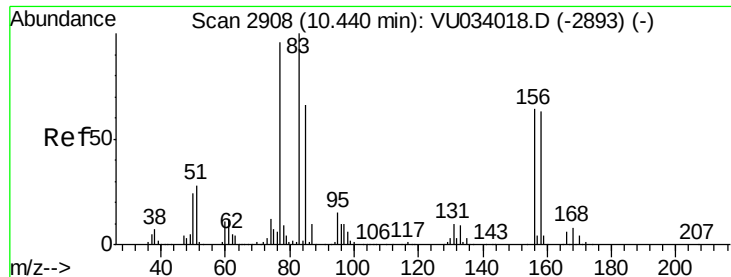
Tgt Ion: 105 Resp: 992776
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 45.738 ug/l
RT: 9.99 min Scan# 2769
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 43 Resp: 413224
Ion Ratio Lower Upper
43 100
70 44.9 35.2 52.8
55 26.4 20.5 30.7
61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.618 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

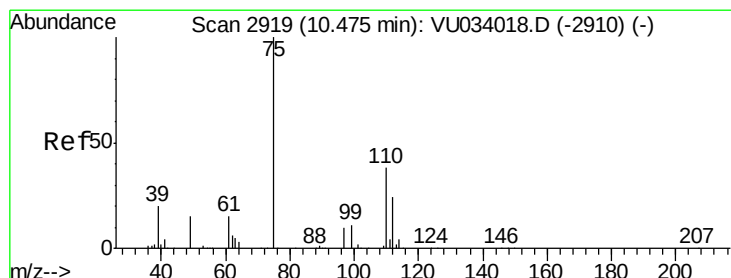
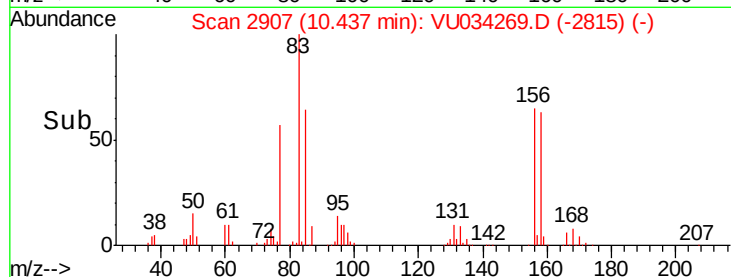
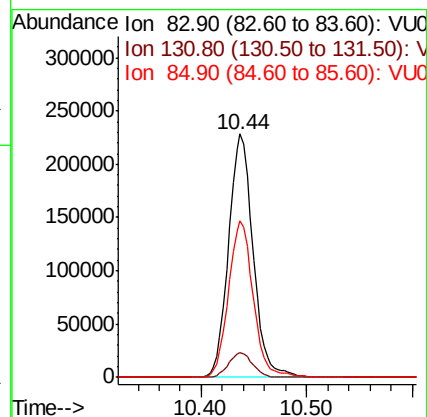
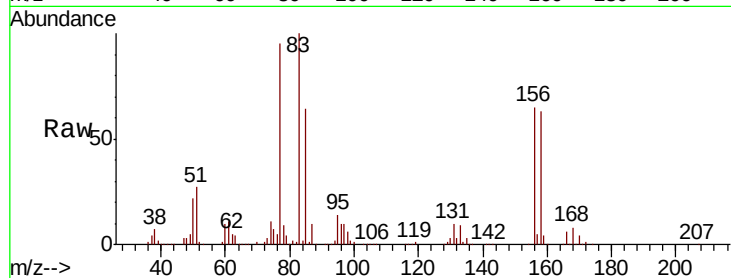
Tgt Ion: 83 Resp: 366836

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 64.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 54.548 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034269.D

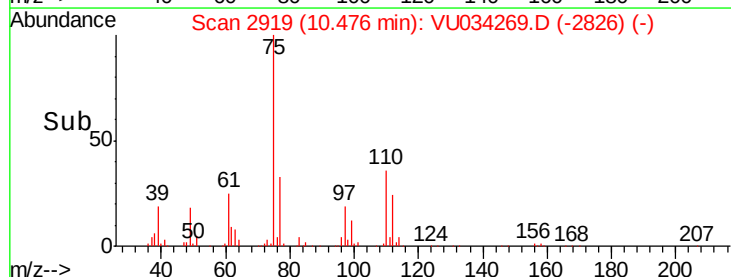
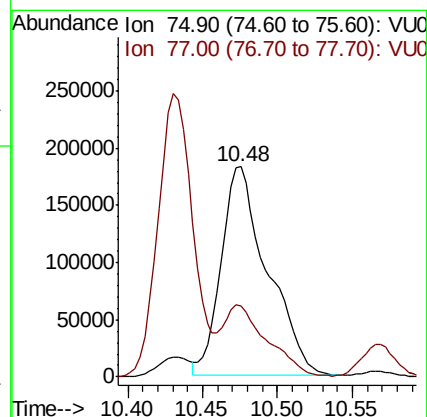
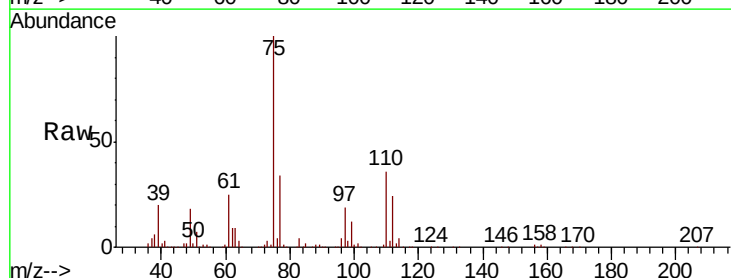
Acq: 04 Sep 2019 19:37

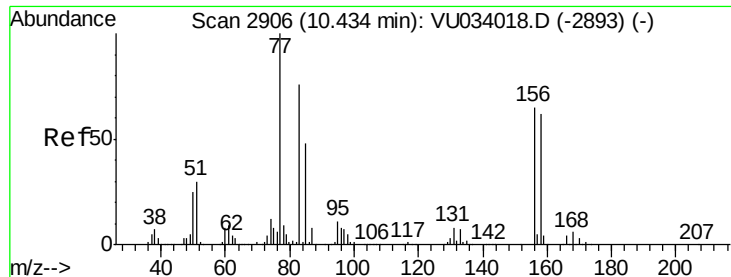
Tgt Ion: 75 Resp: 393163

Ion Ratio Lower Upper

75 100

77 32.0 20.1 60.2





#77

Bromobenzene

Concen: 45.891 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

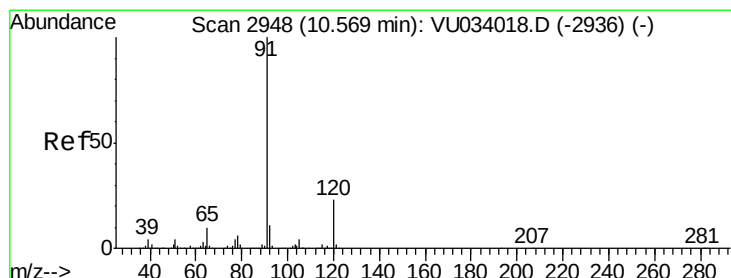
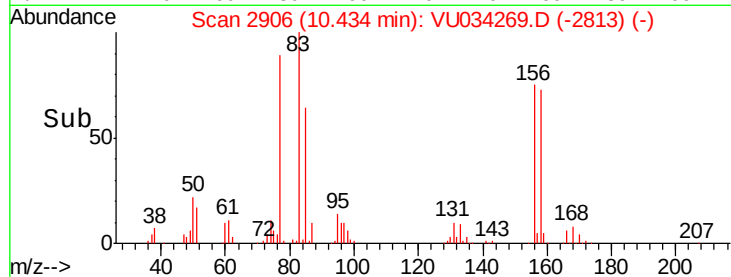
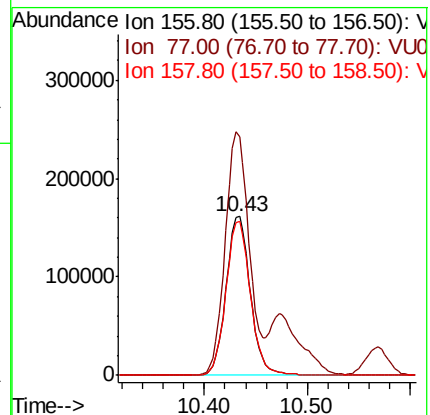
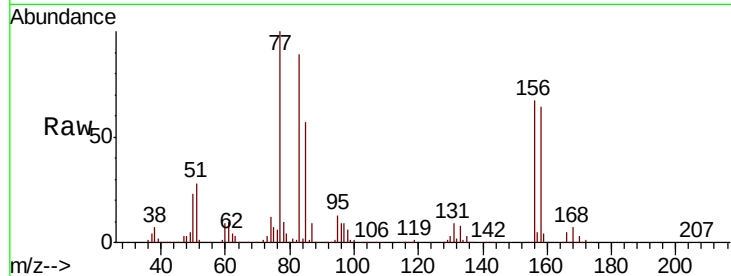
Tgt Ion:156 Resp: 265170

Ion Ratio Lower Upper

156 100

77 153.0 76.8 230.5

158 97.6 48.4 145.0



#78

n-propylbenzene

Concen: 46.295 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034269.D

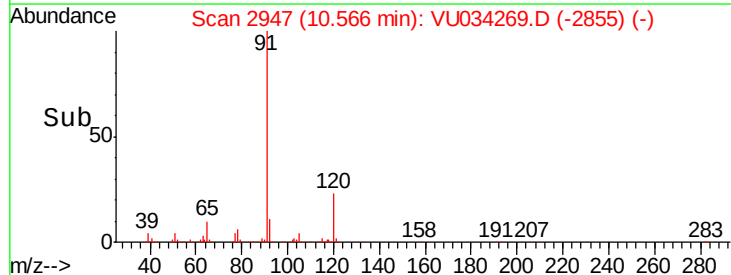
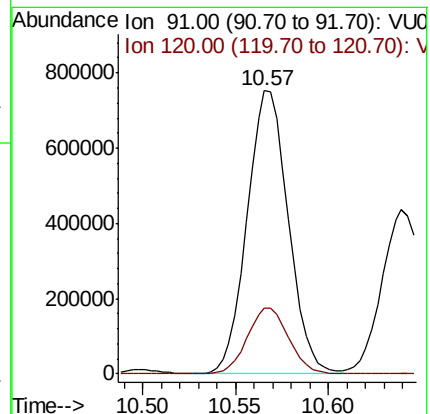
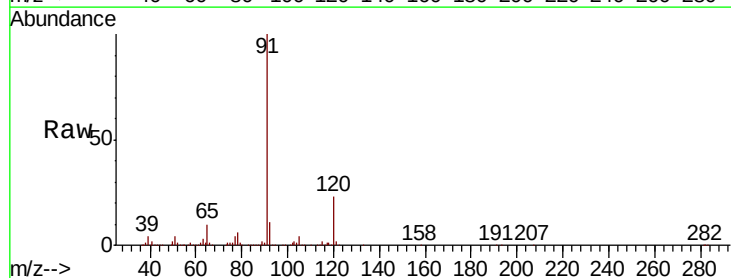
Acq: 04 Sep 2019 19:37

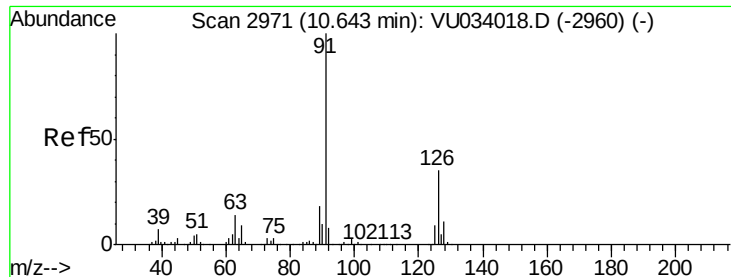
Tgt Ion: 91 Resp: 1158108

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 45.957 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

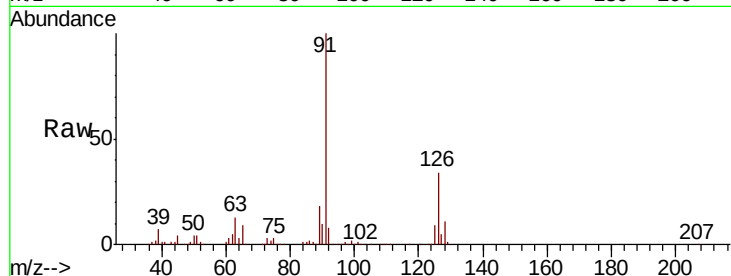
VSTDCCC050EC

Tgt Ion: 91 Resp: 689587

Ion Ratio Lower Upper

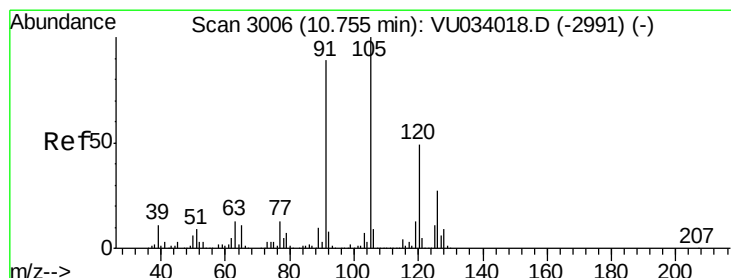
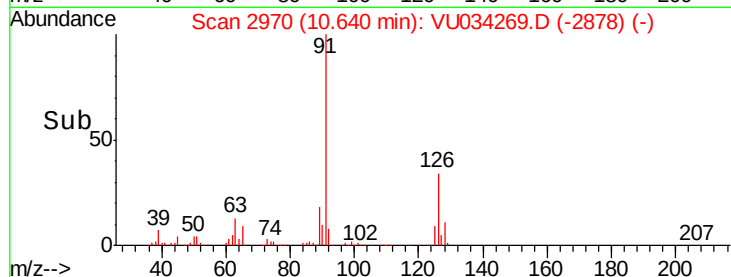
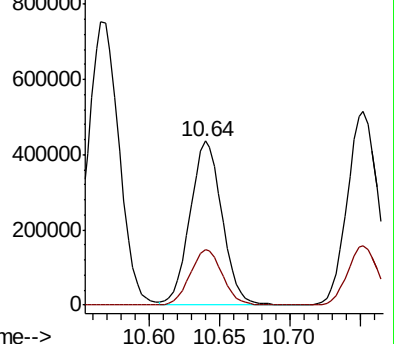
91 100

126 34.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034018.D (-2960) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.272 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034269.D

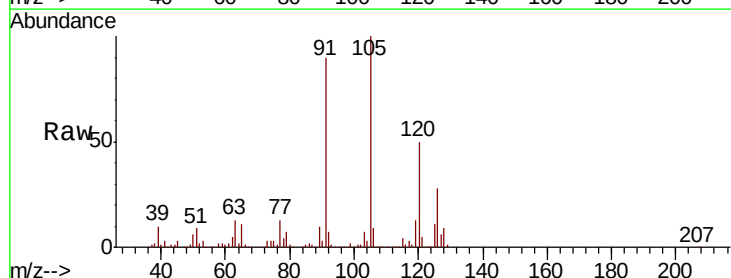
Acq: 04 Sep 2019 19:37

Tgt Ion: 105 Resp: 860635

Ion Ratio Lower Upper

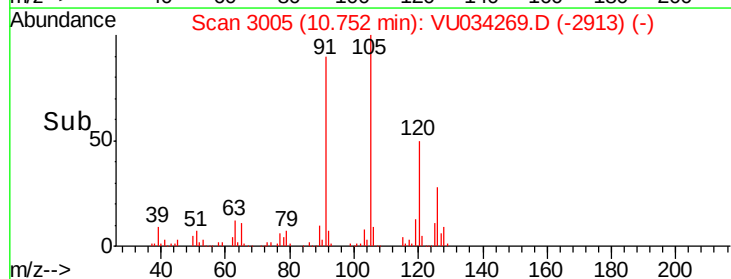
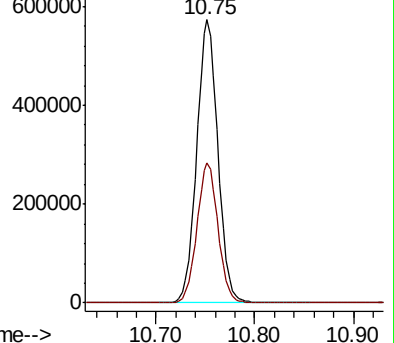
105 100

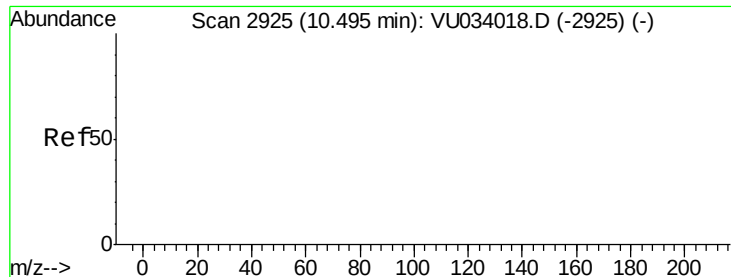
120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VU034018.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034018.D (-2991) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 186.295 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

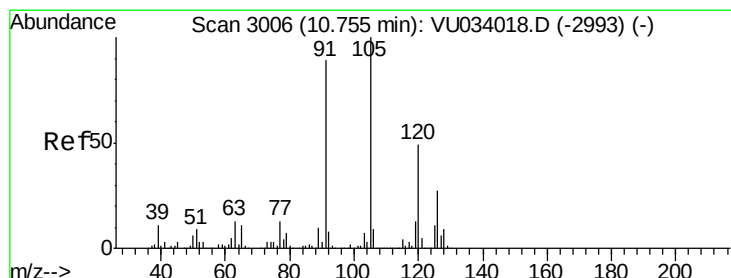
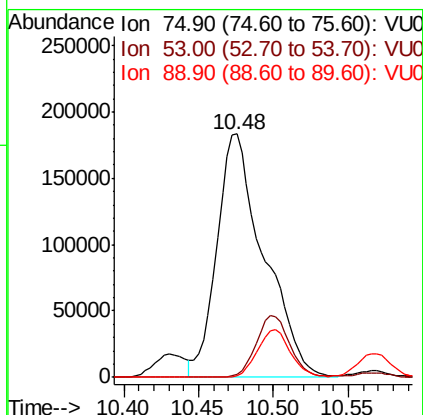
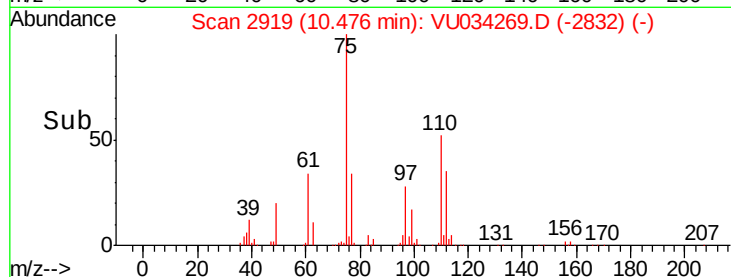
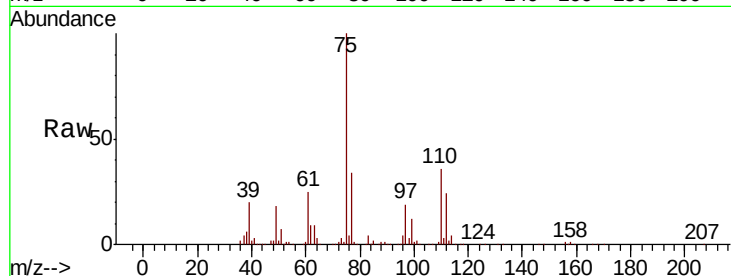
Tgt Ion: 75 Resp: 398769

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 46.228 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034269.D

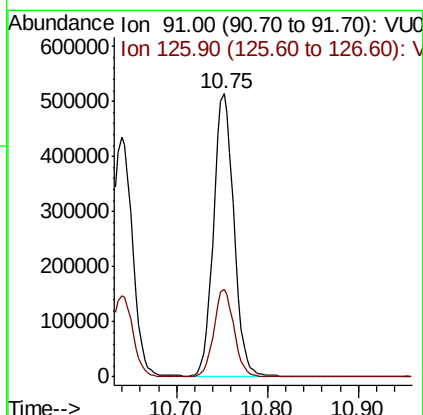
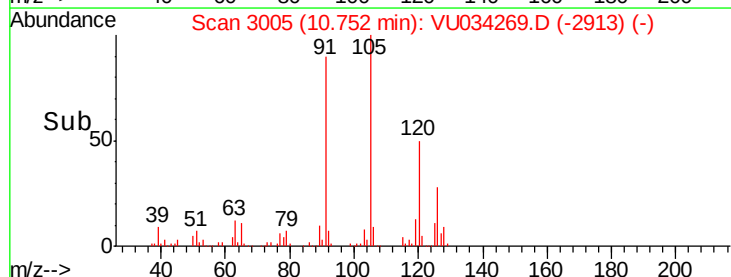
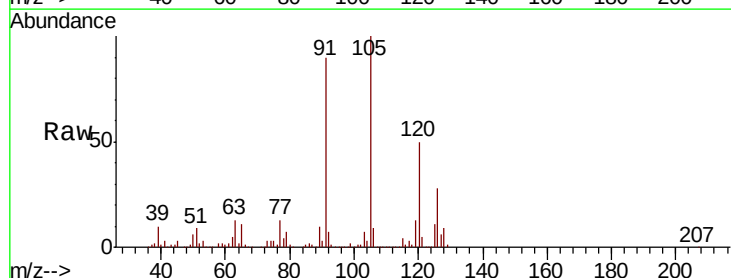
Acq: 04 Sep 2019 19:37

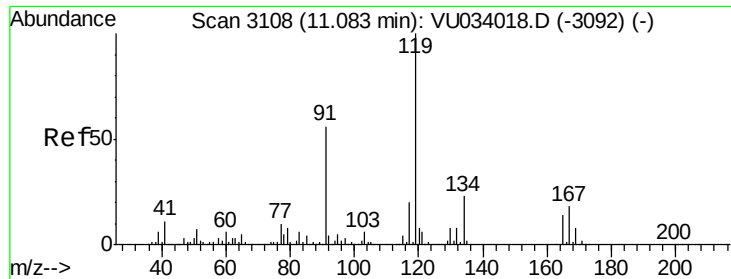
Tgt Ion: 91 Resp: 797736

Ion Ratio Lower Upper

91 100

126 30.7 15.0 45.1

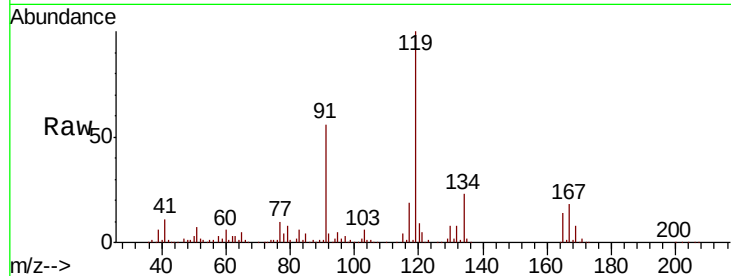




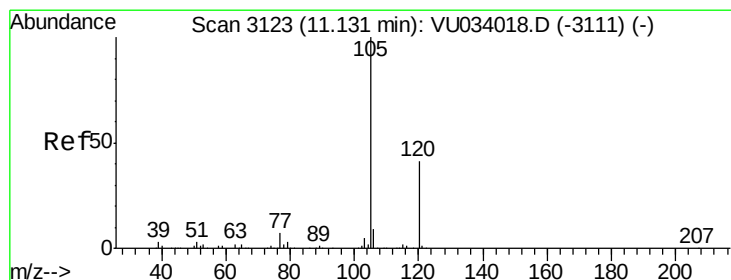
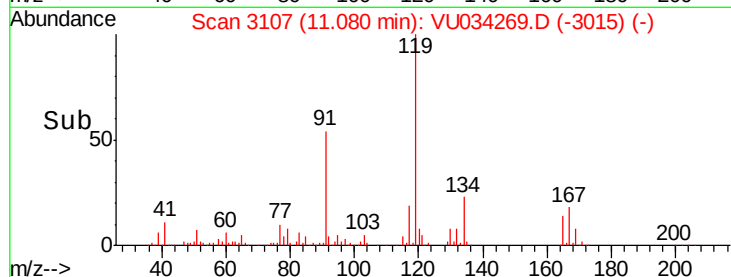
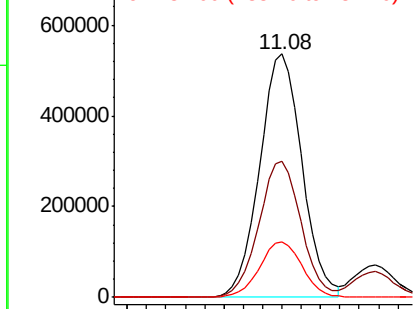
#83
 tert-Butylbenzene
 Concen: 45.695 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 818973
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.9 83.6
 134 22.9 11.4 34.2

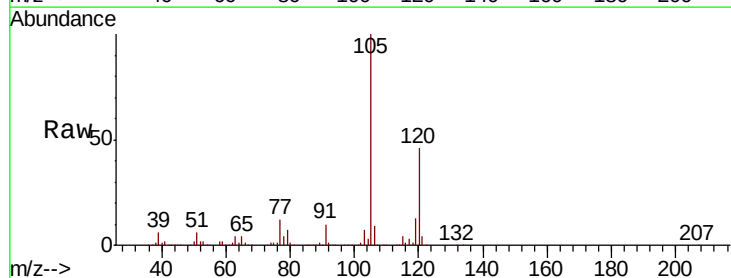


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

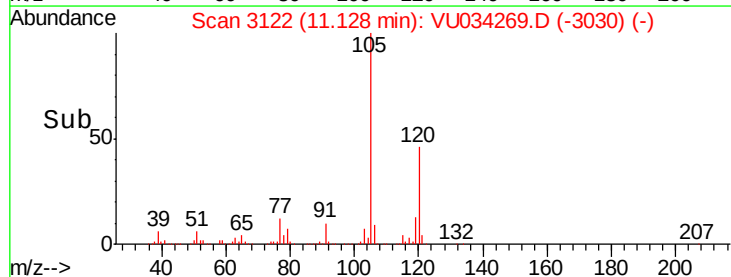
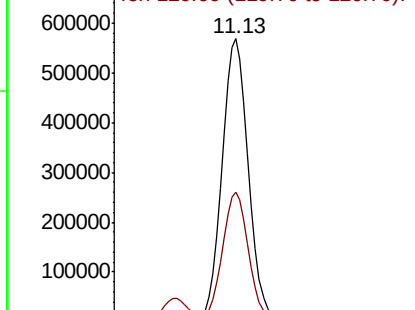


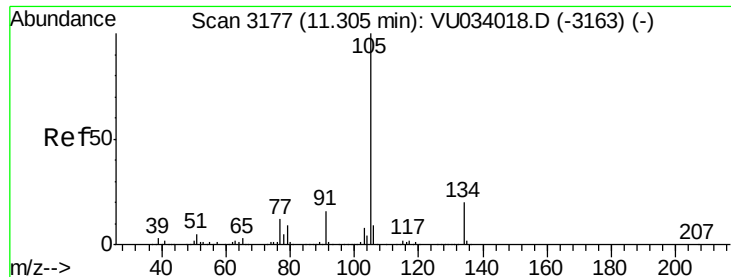
#84
 1,2,4-Trimethylbenzene
 Concen: 47.824 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion:105 Resp: 864580
 Ion Ratio Lower Upper
 105 100
 120 45.8 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: 45.943 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

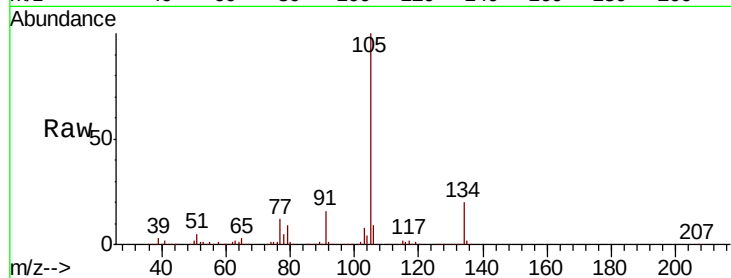
VSTDCCC050EC

Tgt Ion:105 Resp: 986907

Ion Ratio Lower Upper

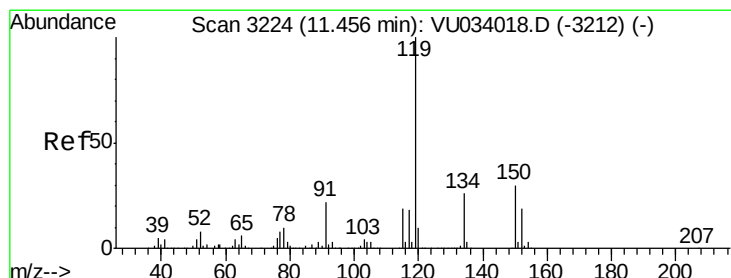
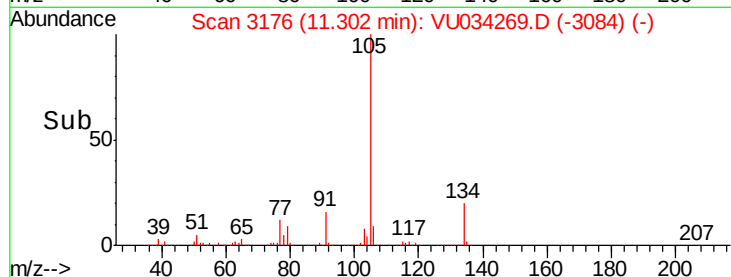
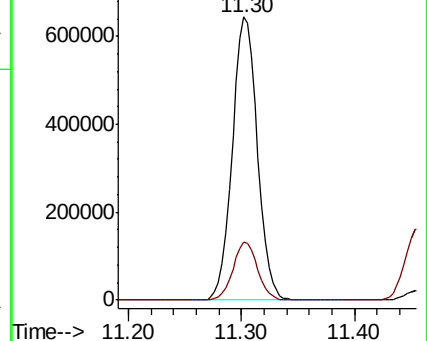
105 100

134 20.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.254 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034269.D

Acq: 04 Sep 2019 19:37

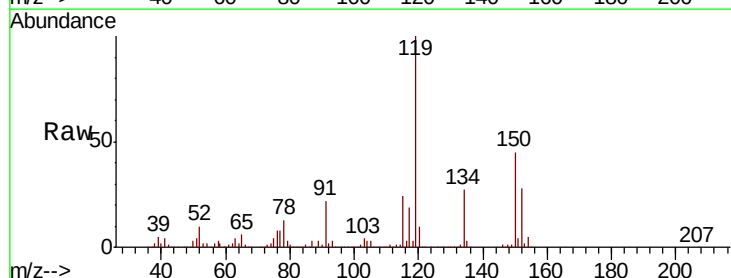
Tgt Ion:119 Resp: 918055

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

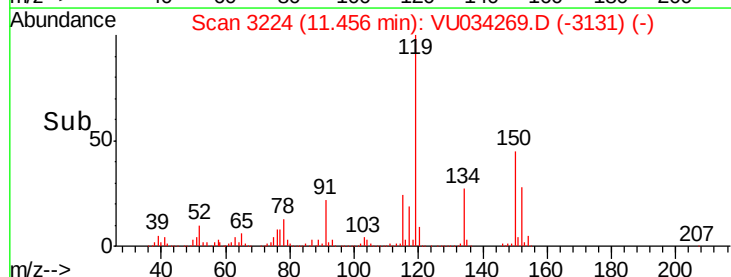
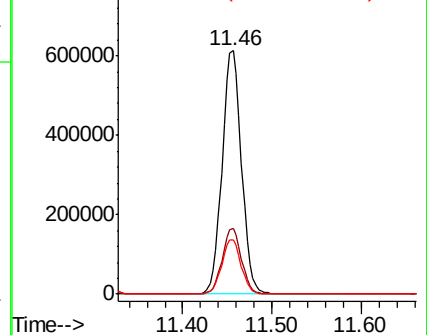
91 22.3 11.2 33.6

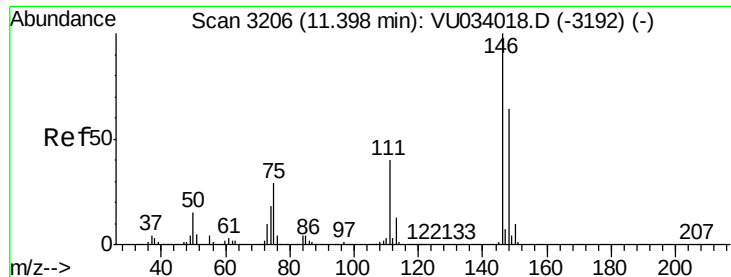


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

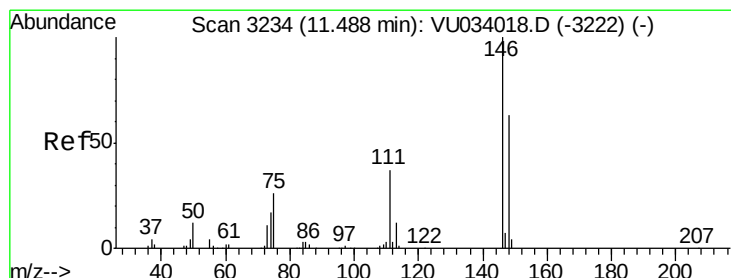
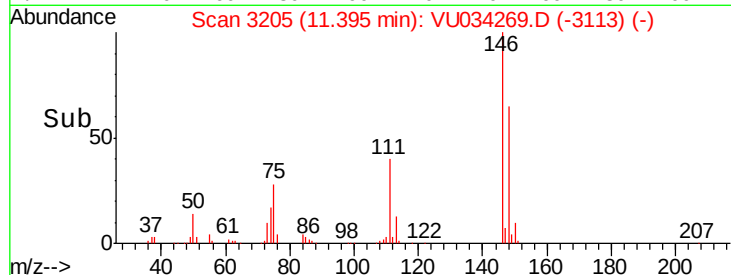
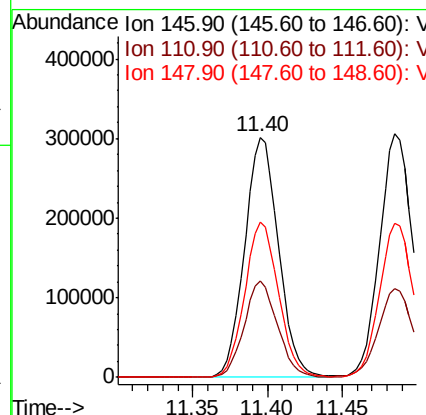
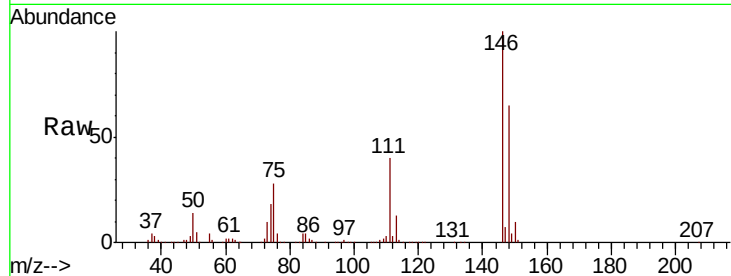




#87
 1,3-Dichlorobenzene
 Concen: 46.498 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

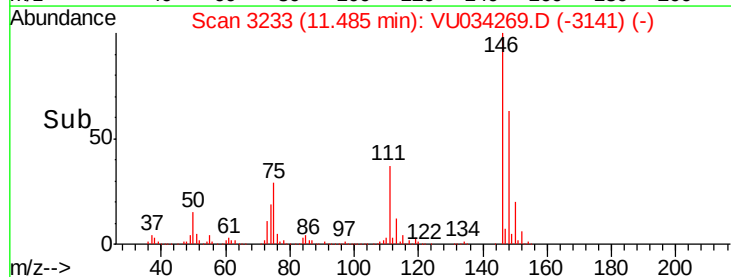
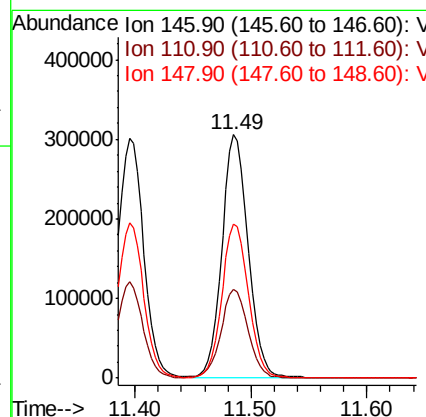
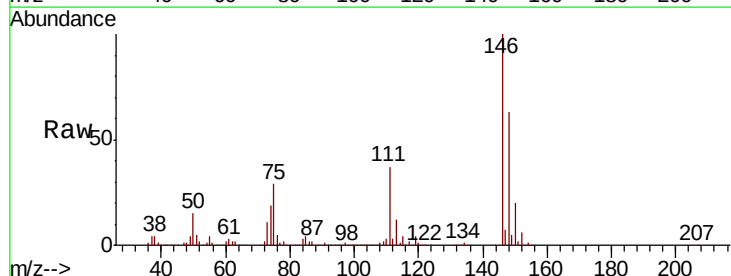
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

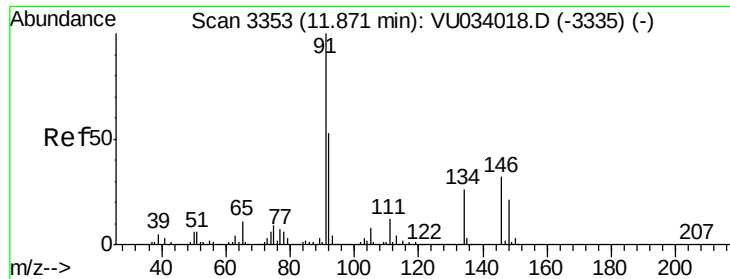
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.6
148	64.4	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.379 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.2	57.6
148	63.6	31.9	95.9

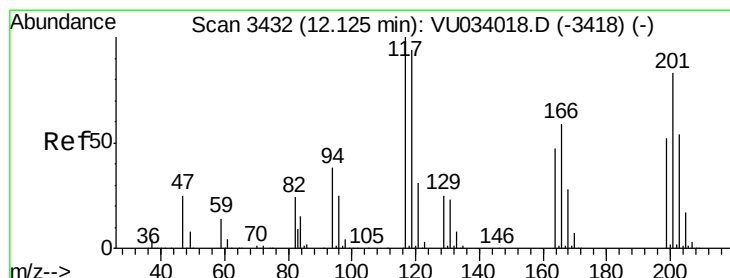
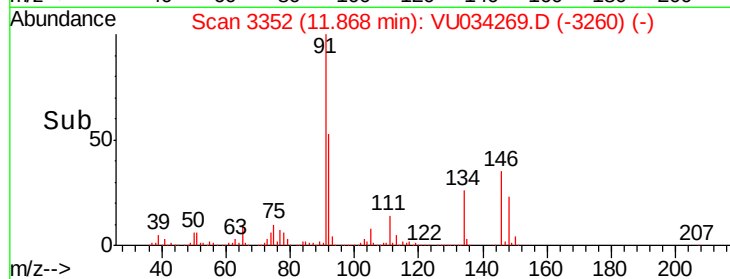
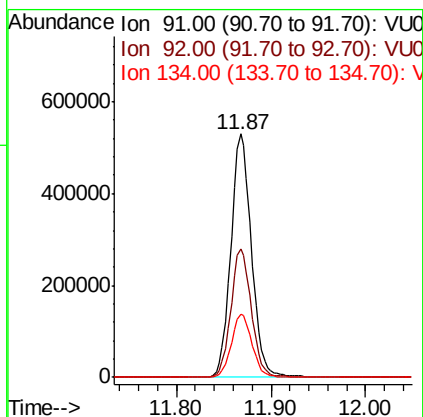
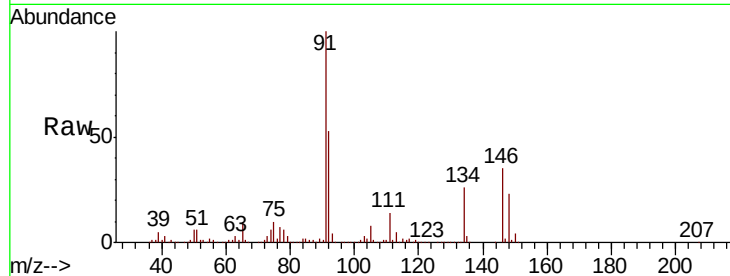




#89
n-Butylbenzene
Concen: 46.859 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

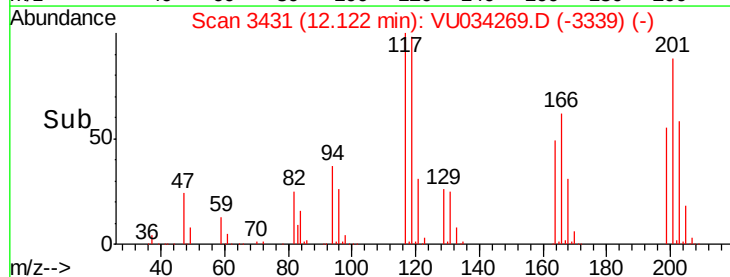
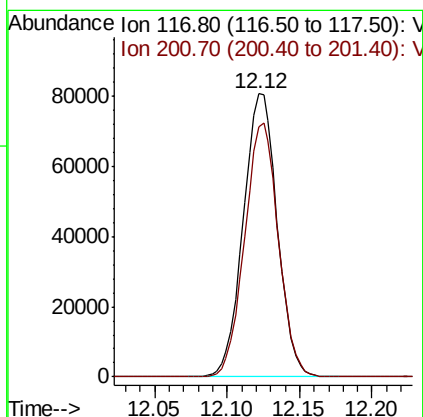
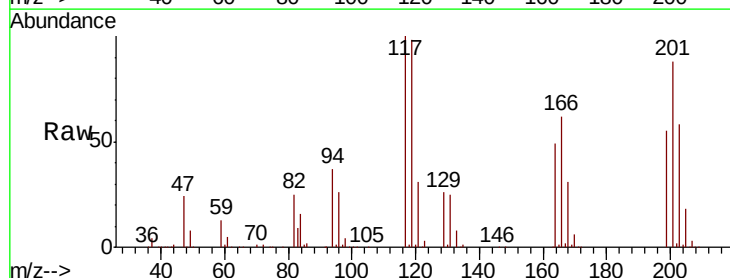
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

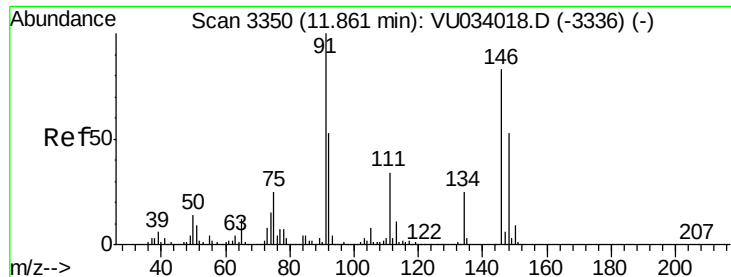
Tgt Ion: 91 Resp: 802638
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 39.206 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion: 117 Resp: 131690
Ion Ratio Lower Upper
117 100
201 88.9 42.5 127.6

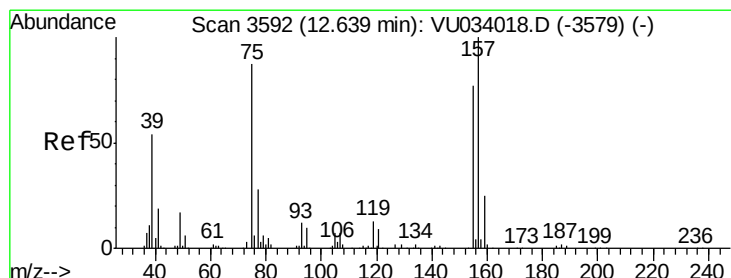
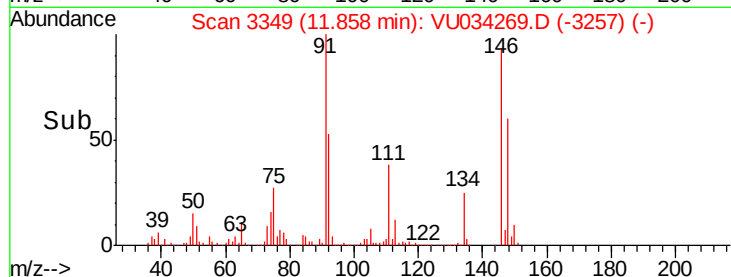
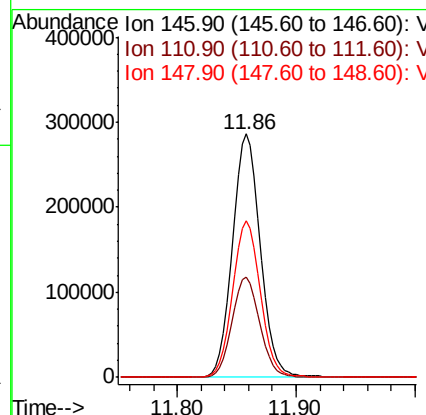
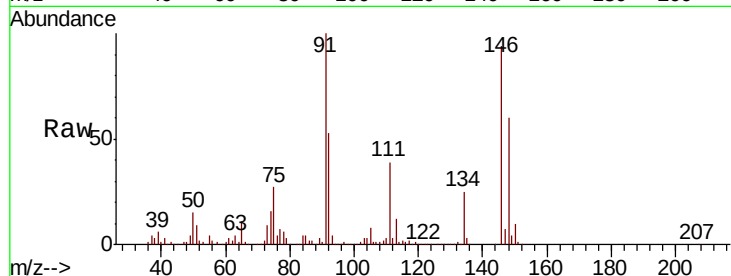




#91
 1,2-Dichlorobenzene
 Concen: 47.349 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

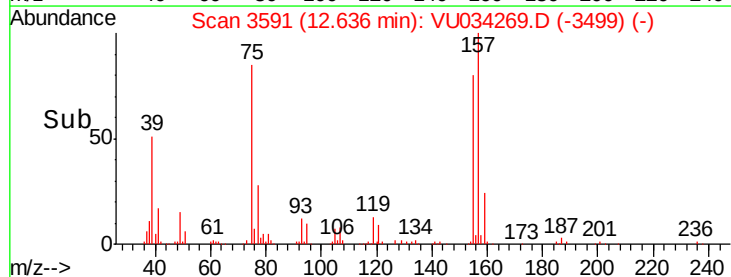
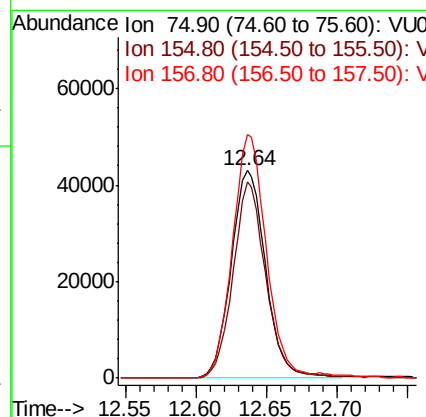
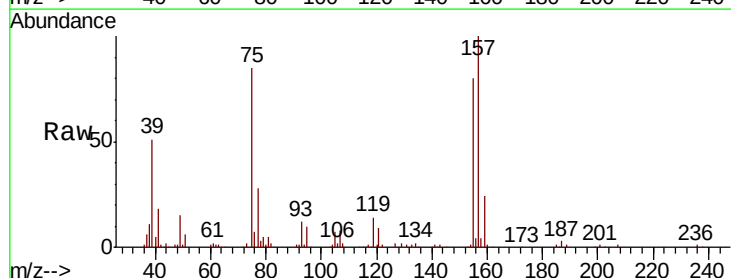
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

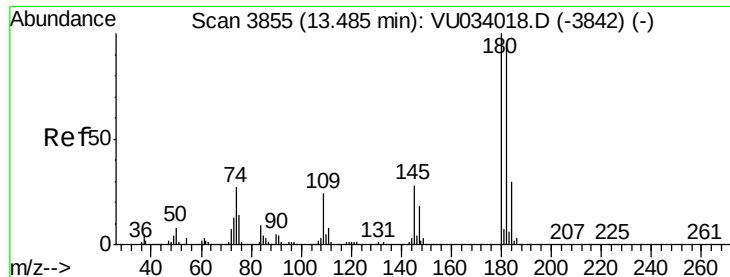
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	64.2	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.042 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	43.5	130.7
157	114.3	56.9	170.6

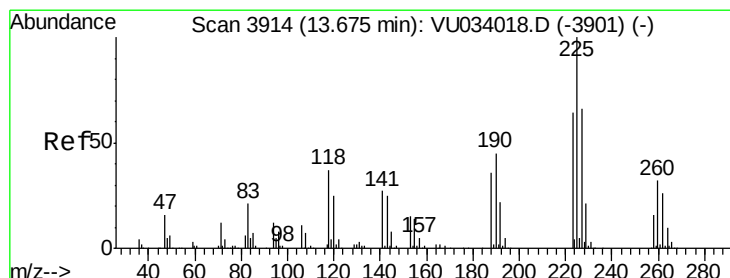
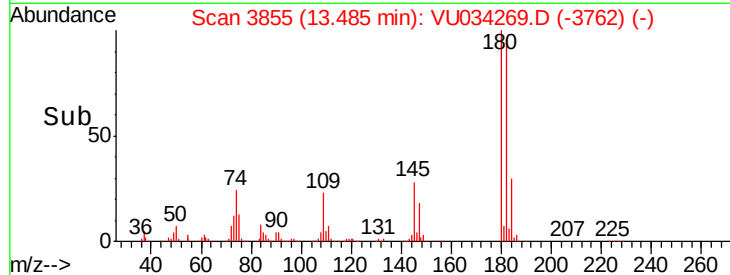
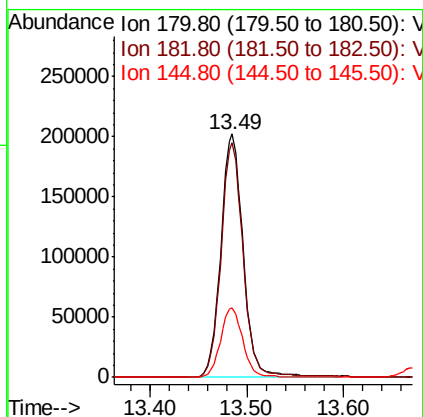
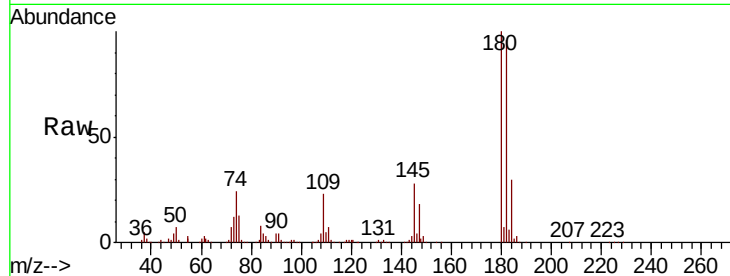




#93
 1,2,4-Trichlorobenzene
 Concen: 46.565 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

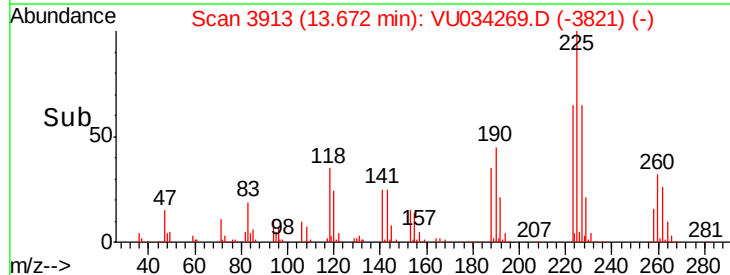
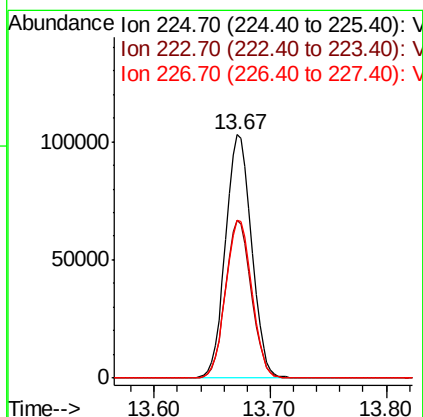
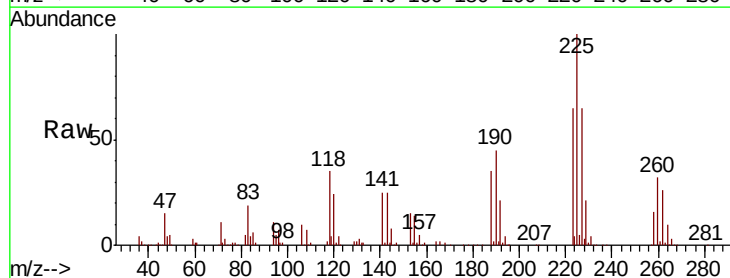
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

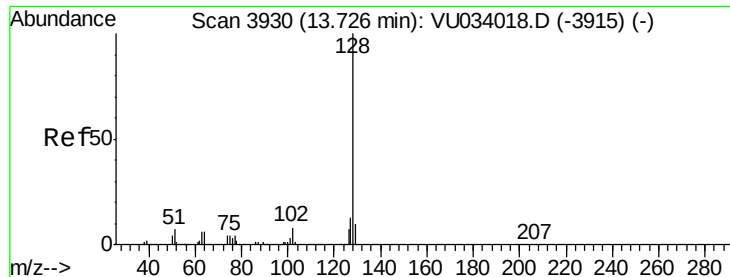
Tgt Ion:180 Resp: 324018
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 41.590 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034269.D
 Acq: 04 Sep 2019 19:37

Tgt Ion:225 Resp: 159434
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.8 95.3
 227 64.8 32.6 97.8

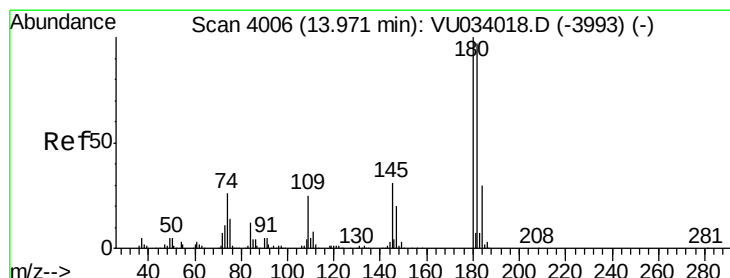
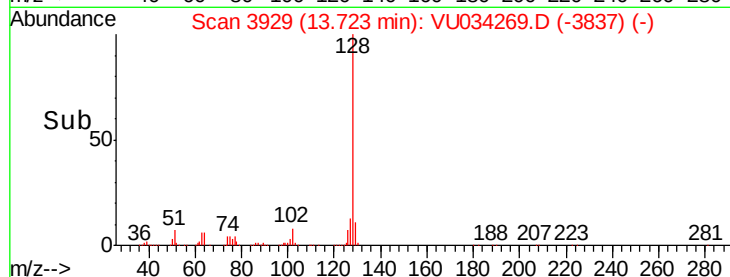
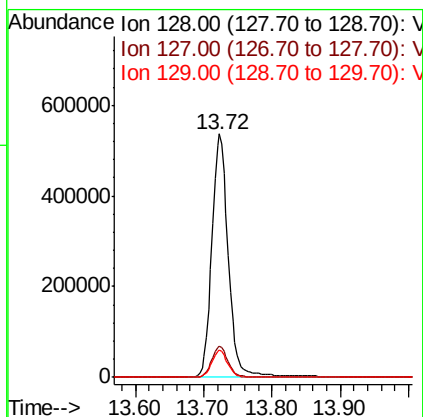
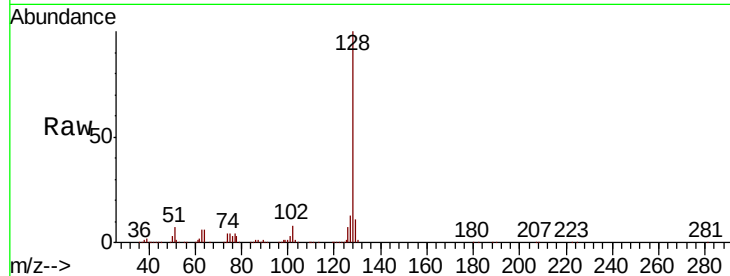




#95
Naphthalene
Concen: 45.464 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 904152
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.205 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034269.D
Acq: 04 Sep 2019 19:37

Tgt Ion:180 Resp: 321431
Ion Ratio Lower Upper
180 100
182 96.2 48.2 144.6
145 30.7 15.5 46.5

