

Data File : VU034293.D
Acq On : 05 Sep 2019 19:01
Operator : JC/SP
Sample : K4545-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T16-17-E1-(2.25)

Quant Time: Sep 06 07:40:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	451053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	707238	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	689592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339053	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	277058	40.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.20%	
35) Dibromofluoromethane	4.86	113	242675	36.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.76%	
50) Toluene-d8	7.55	98	962744	38.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.88%	
62) 4-Bromofluorobenzene	10.29	95	340485	35.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.34%	

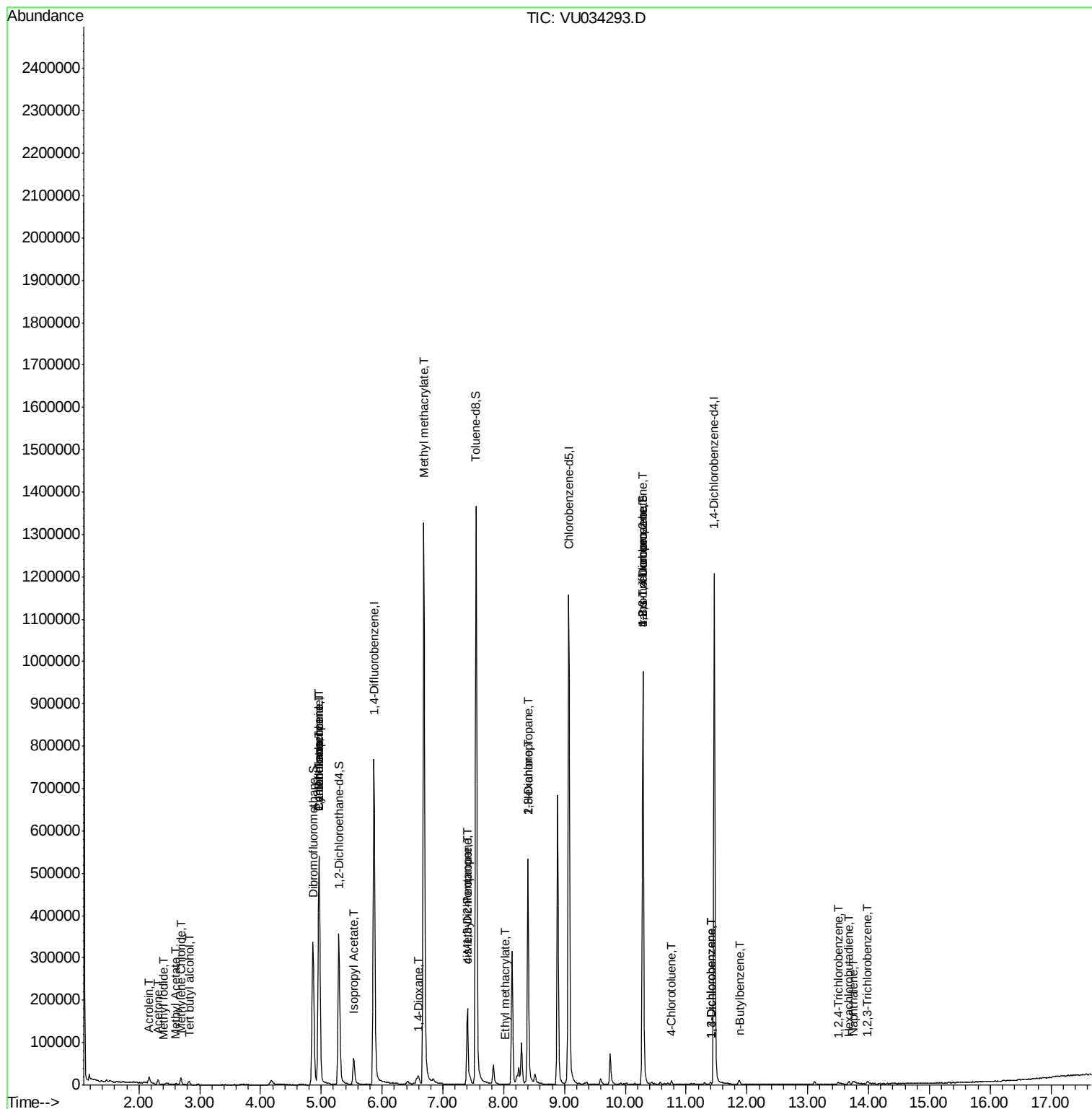
Target Compounds			Qvalue			
5) Bromomethane	1.60	94	71	Below Cal	#	2
6) Chloroethane	1.66	64	195	Below Cal	#	43
10) Methyl Iodide	2.40	142	505	3.944	ug/l #	71
11) Tert butyl alcohol	2.82	59	4975	3.451	ug/l #	73
13) Acrolein	2.18	56	388	0.320	ug/l #	65
16) Acetone	2.32	43	12374	3.504	ug/l	92
18) Methyl Acetate	2.61	43	3685	0.429	ug/l	92
20) Methylene Chloride	2.69	84	7605	0.922	ug/l	96
31) Cyclohexane	4.96	56	7626	0.954	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	30513	3.978	ug/l #	49
38) Carbon Tetrachloride	4.96	117	40297	4.921	ug/l #	16
43) Isopropyl Acetate	5.53	43	76324	5.395	ug/l	99
48) Methyl methacrylate	6.68	41	115922	17.253	ug/l #	37
49) 1,4-Dioxane	6.60	88	589	4.014	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	61737	6.305	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	34823	3.274	ug/l #	61
56) Ethyl methacrylate	8.03	69	858	3.152	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	5543	0.483	ug/l #	43
59) 2-Hexanone	8.40	43	76687	10.483	ug/l #	56
76) 1,2,3-Trichloropropane	10.29	75	160564	21.695	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	160564	72.959	ug/l #	100
82) 4-Chlorotoluene	10.76	91	3708	0.207	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	2635	0.234	ug/l	96
88) 1,4-Dichlorobenzene	11.40	146	2635	0.224	ug/l	95
89) n-Butylbenzene	11.88	91	4486	0.257	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	2984	3.798	ug/l #	51
94) Hexachlorobutadiene	13.68	225	1667	0.431	ug/l	94
95) Naphthalene	13.75	128	12604	4.479	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.98	180	4269	3.160	ug/l	86

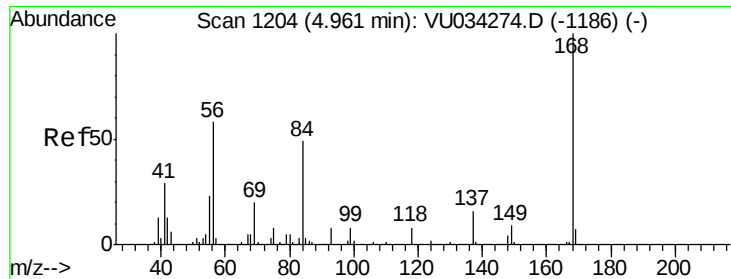
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

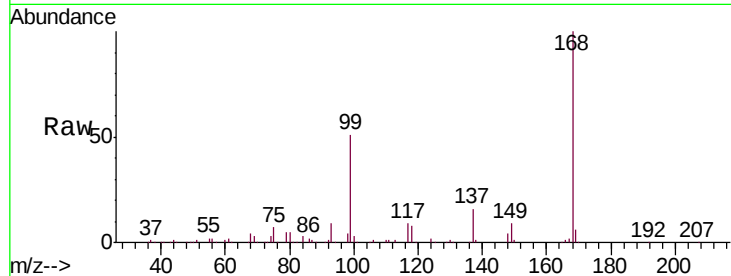
T16-17-E1-(2.25)

Tgt Ion:168 Resp: 451053

Ion Ratio Lower Upper

168 100

99 51.4 41.6 62.4



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

Ion 98.90 (98.60 to 99.60): VU034293.D (-1111) (-)

4.96

200000

150000

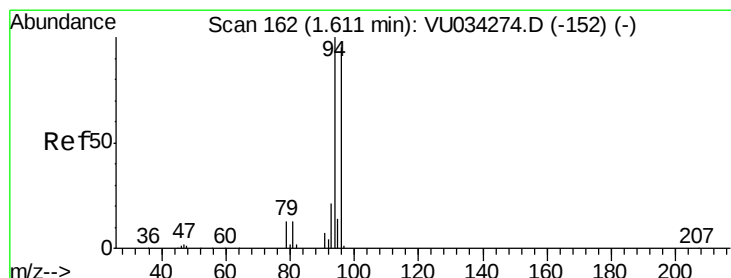
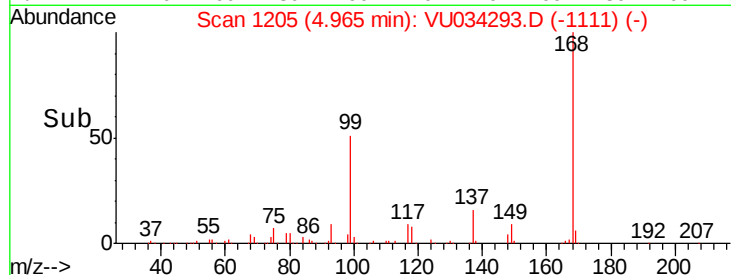
100000

50000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 159

Delta R.T. -0.01 min

Lab File: VU034293.D

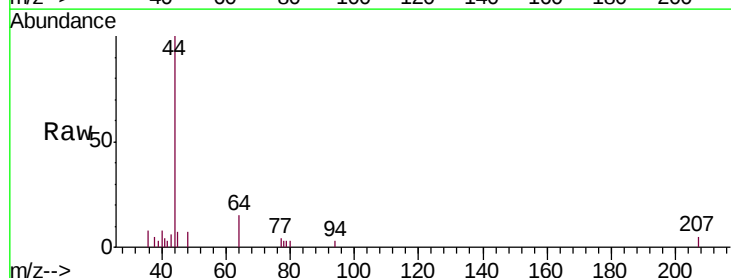
Acq: 05 Sep 2019 19:01

Tgt Ion: 94 Resp: 71

Ion Ratio Lower Upper

94 100

96 0.0 75.7 113.5#



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

Ion 95.90 (95.60 to 96.60): VU034293.D (-68) (-)

1.60

150

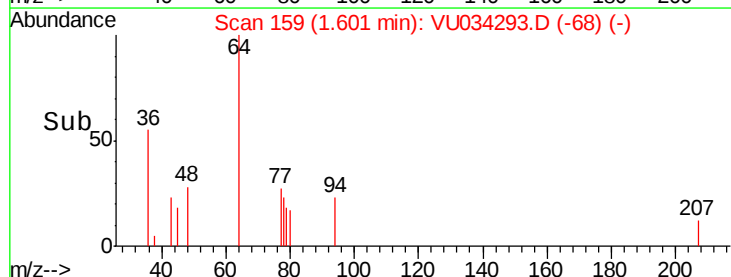
100

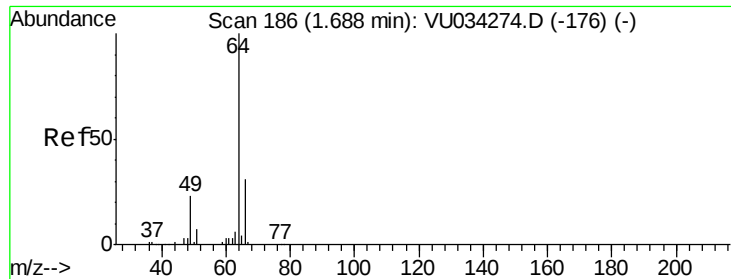
50

0

1.59 1.60 1.61

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 178

Delta R.T. -0.03 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

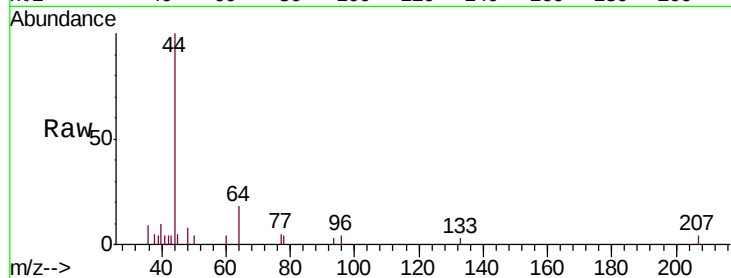
T16-17-E1-(2.25)

Tgt Ion: 64 Resp: 195

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



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

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

1.66

600

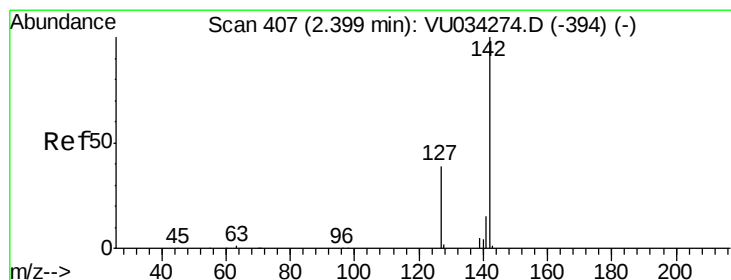
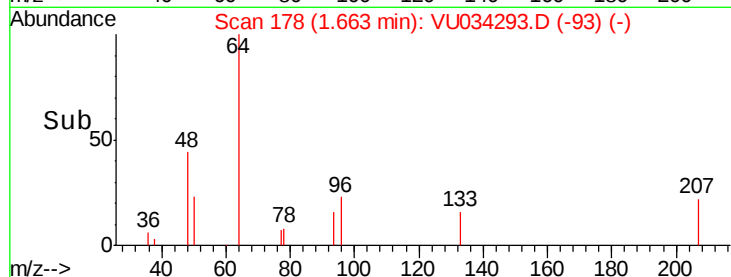
400

200

0

1.64 1.66 1.68

Time-->



#10

Methyl Iodide

Concen: 3.944 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

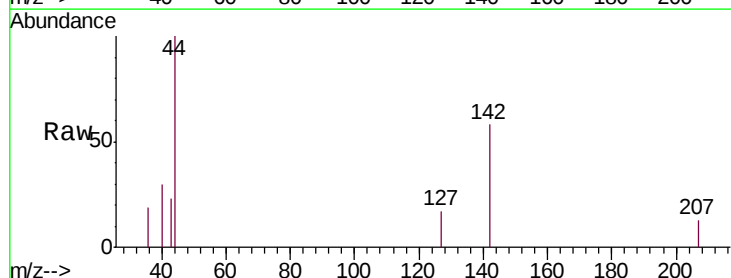
Tgt Ion: 142 Resp: 505

Ion Ratio Lower Upper

142 100

127 57.0 32.1 48.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VU034274.D (-394) (-)

Ion 126.80 (126.50 to 127.50): VU034274.D (-394) (-)

Ion 140.80 (140.50 to 141.50): VU034274.D (-394) (-)

2.40

600

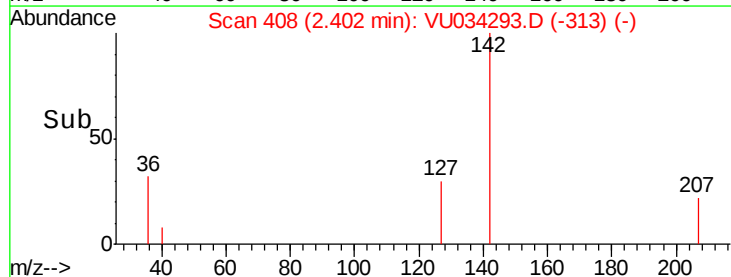
400

200

0

2.37 2.38 2.39 2.40 2.41

Time-->





#11

Tert butyl alcohol

Concen: 3.451 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

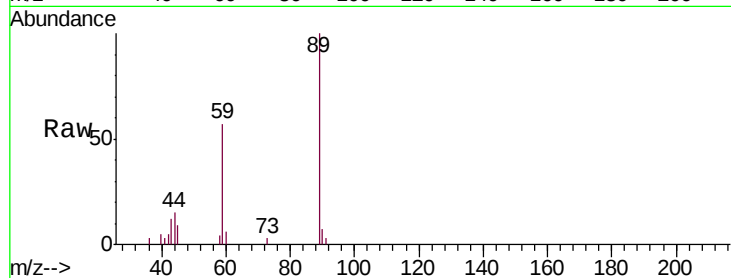
T16-17-E1-(2.25)

Tgt Ion: 59 Resp: 4975

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034274.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VU034274.D (-519) (-)

2.82

2500

2000

1500

1000

500

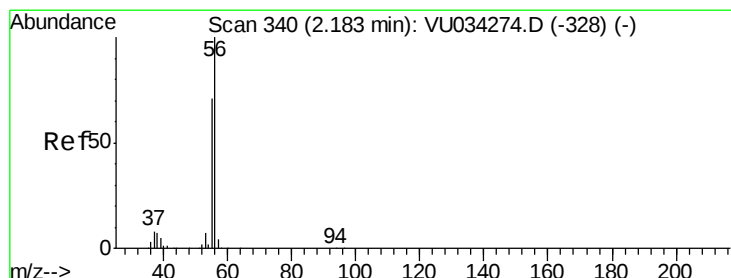
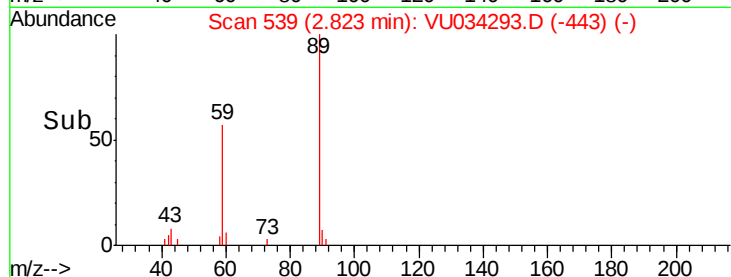
0

Time-->

2.75

2.80

2.85



#13

Acrolein

Concen: 0.320 ug/l

RT: 2.18 min Scan# 338

Delta R.T. -0.01 min

Lab File: VU034293.D

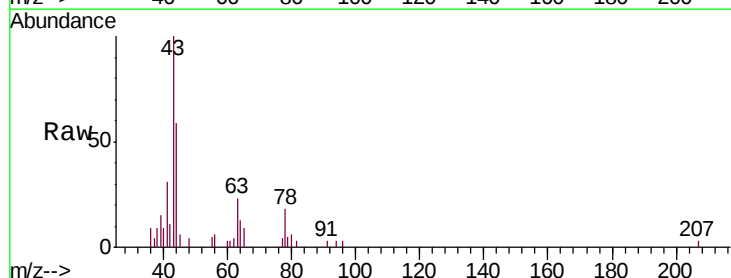
Acq: 05 Sep 2019 19:01

Tgt Ion: 56 Resp: 388

Ion Ratio Lower Upper

56 100

55 42.8 57.4 86.2#



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

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

2.18

300

250

200

150

100

50

0

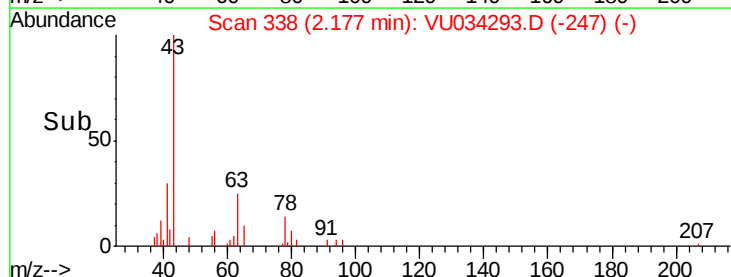
Time-->

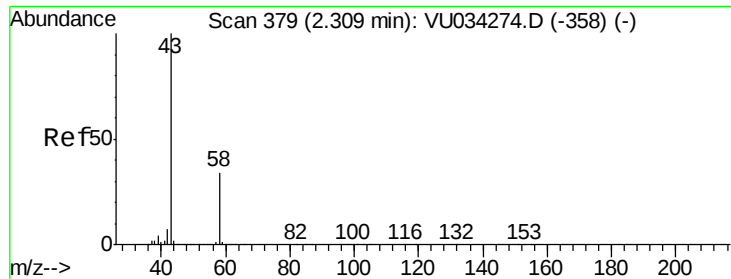
2.16

2.18

2.20

2.22





#16

Acetone

Concen: 3.504 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

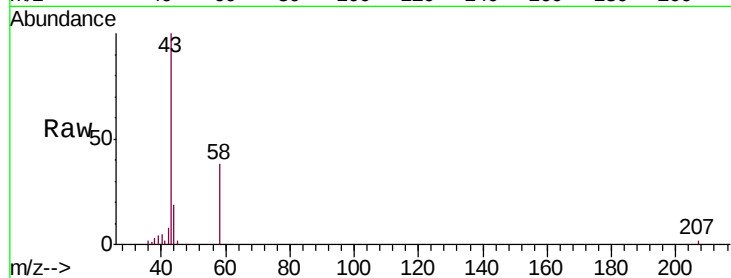
T16-17-E1-(2.25)

Tgt Ion: 43 Resp: 12374

Ion Ratio Lower Upper

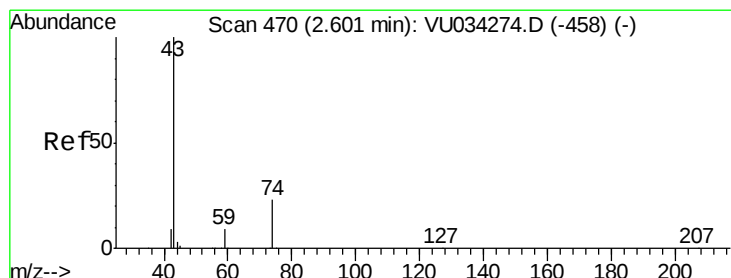
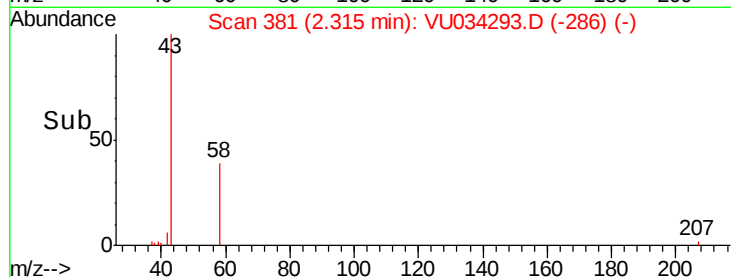
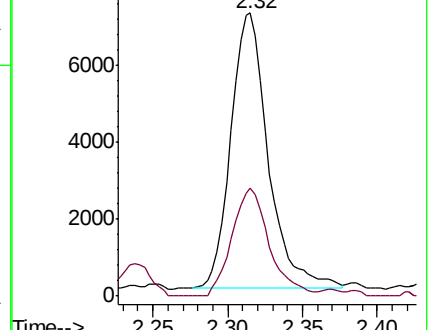
43 100

58 39.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)



#18

Methyl Acetate

Concen: 0.429 ug/l

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU034293.D

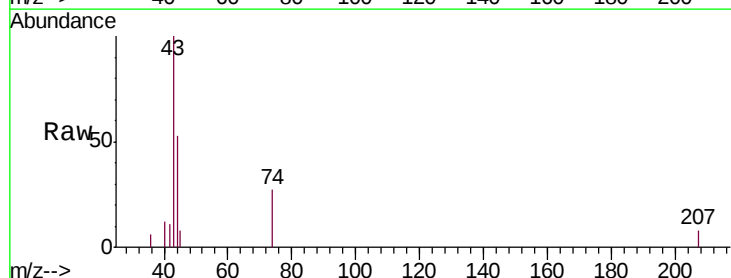
Acq: 05 Sep 2019 19:01

Tgt Ion: 43 Resp: 3685

Ion Ratio Lower Upper

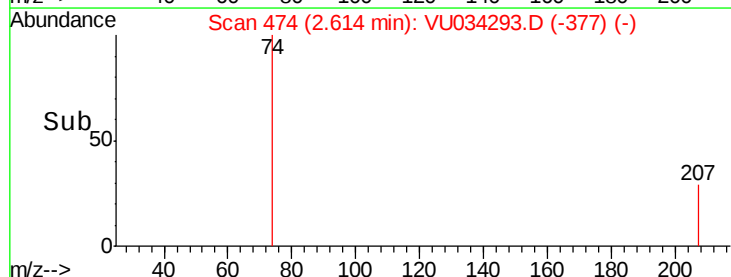
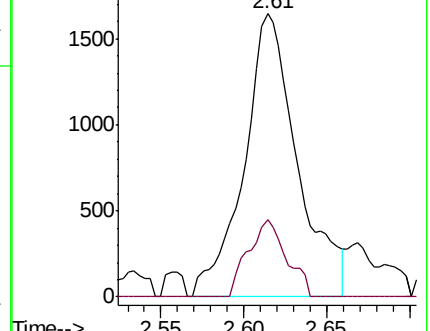
43 100

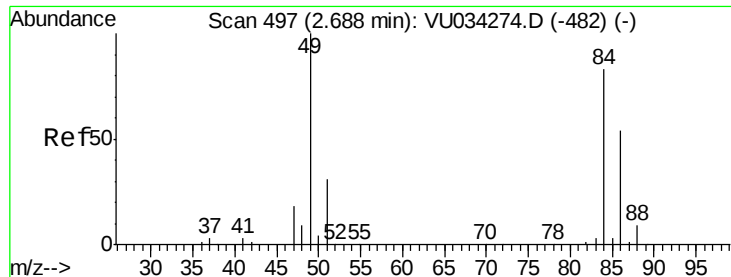
74 19.5 18.9 28.3



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

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

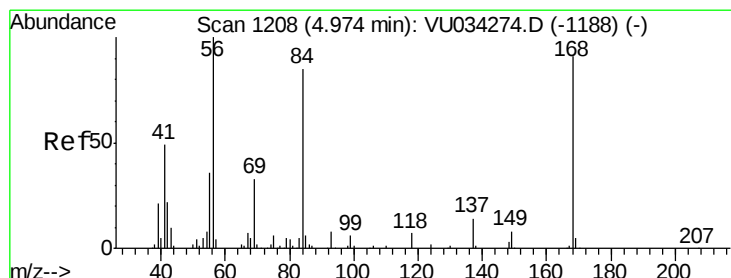
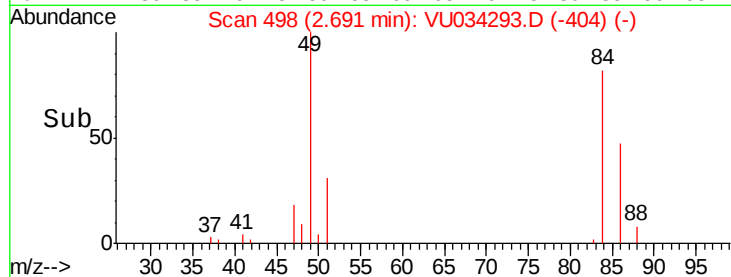
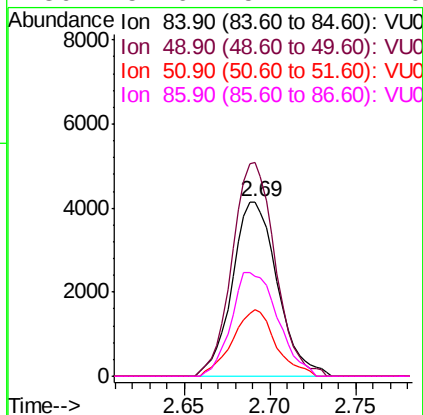
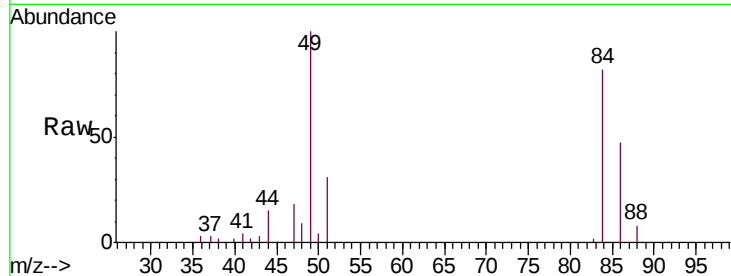




#20
Methylene Chloride
Concen: 0.922 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

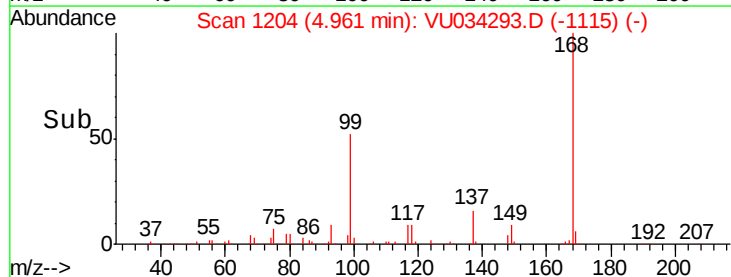
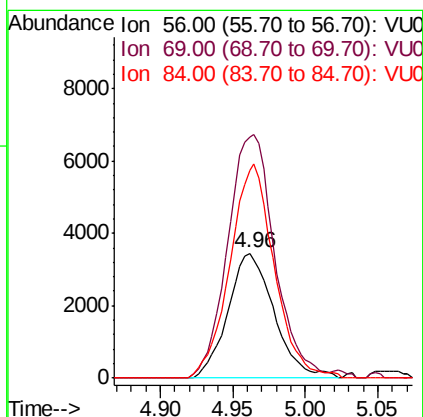
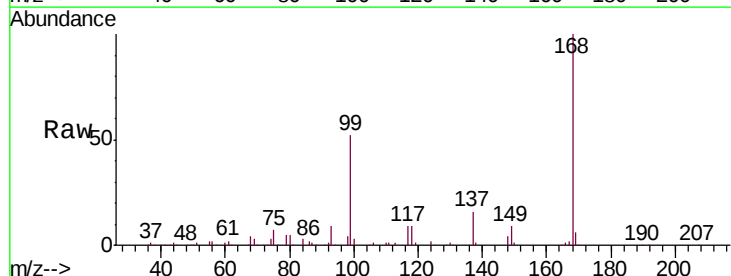
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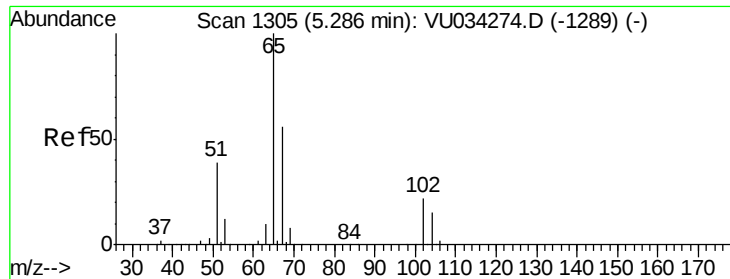
Tgt Ion:	84	Resp:	7605
Ion	Ratio	Lower	Upper
84	100		
49	122.6	96.0	144.0
51	38.1	30.0	45.0
86	57.6	51.4	77.0



#31
Cyclohexane
Concen: 0.954 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

Tgt Ion:	56	Resp:	7626
Ion	Ratio	Lower	Upper
56	100		
69	193.4	26.7	40.1#
84	166.6	68.2	102.4#

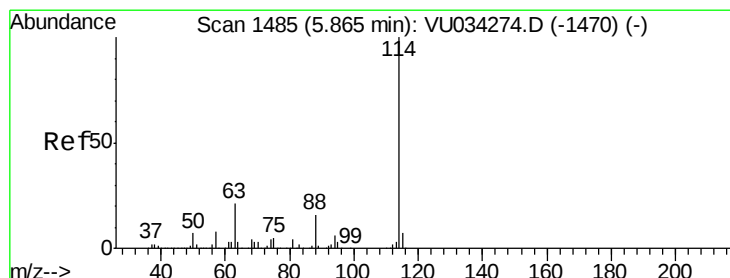
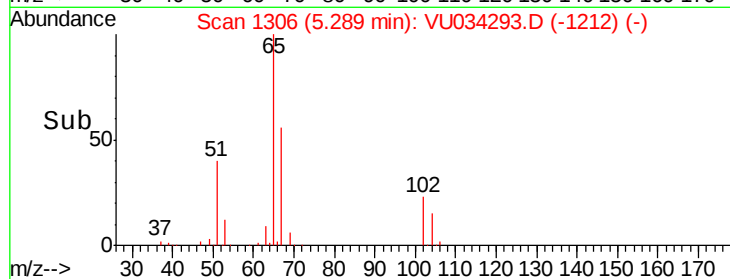
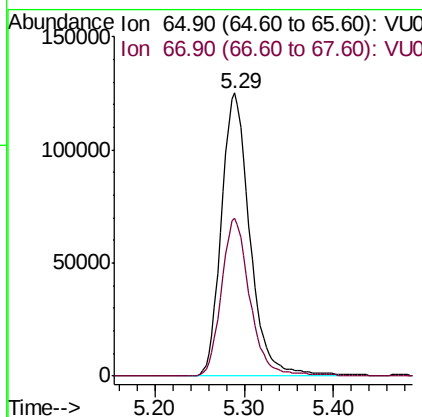
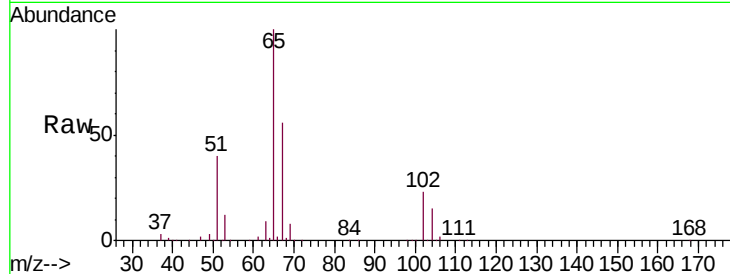




#33
 1,2-Dichloroethane-d4
 Concen: 40.597 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

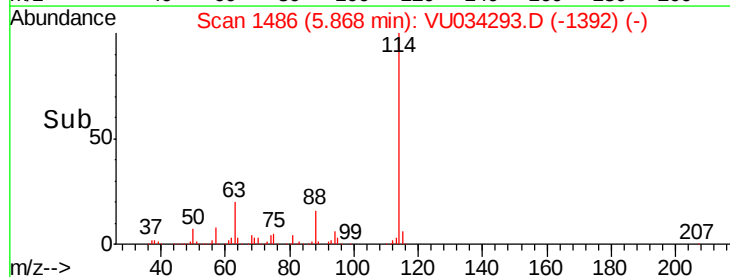
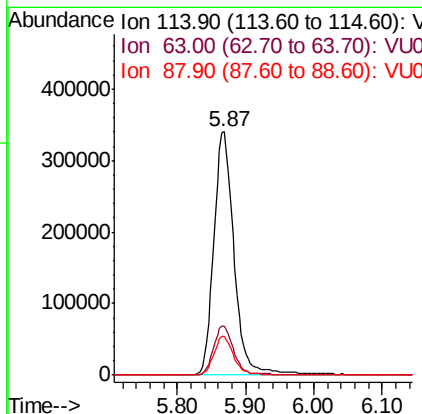
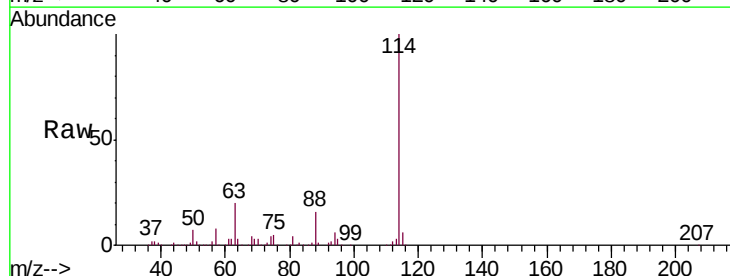
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

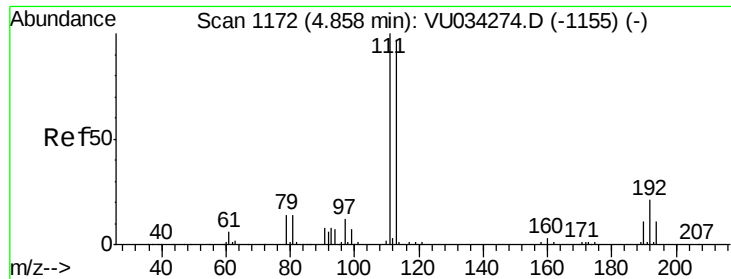
Tgt Ion: 65 Resp: 277058
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Tgt Ion: 114 Resp: 707238
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.9 0.0 32.4

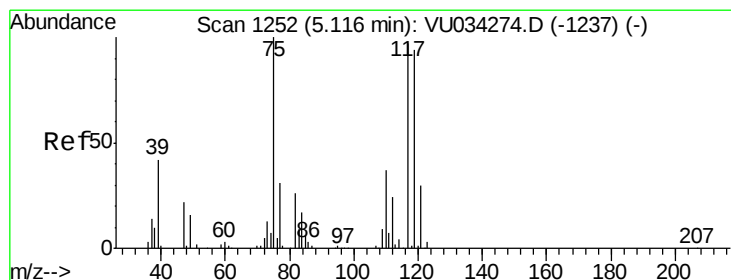
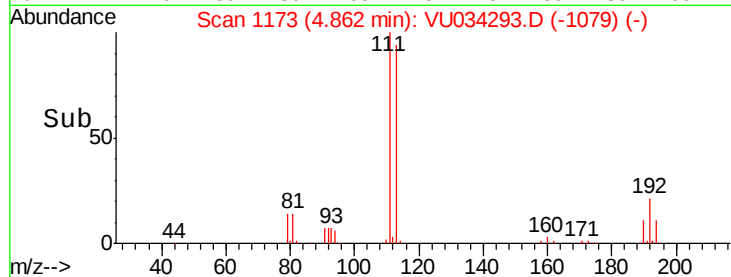
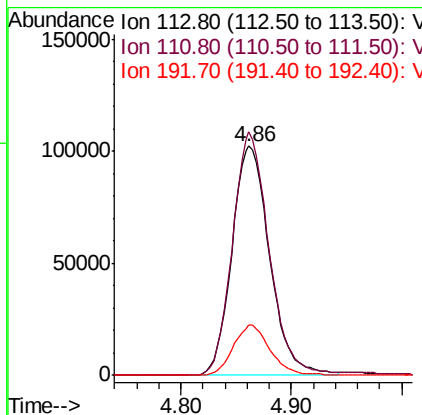
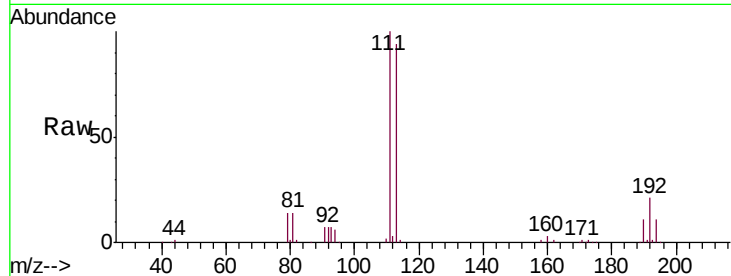




#35
 Dibromofluoromethane
 Concen: 36.876 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

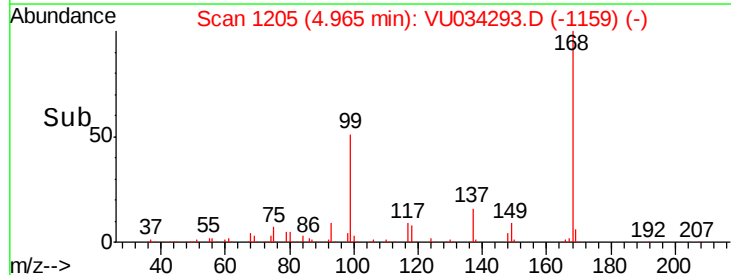
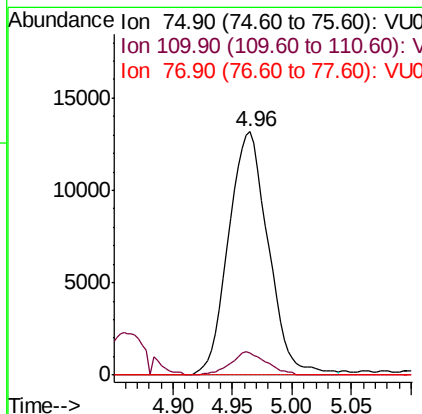
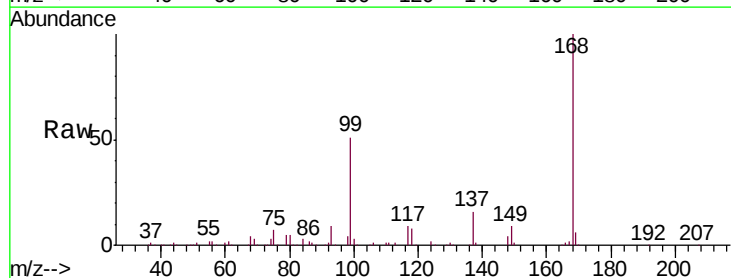
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

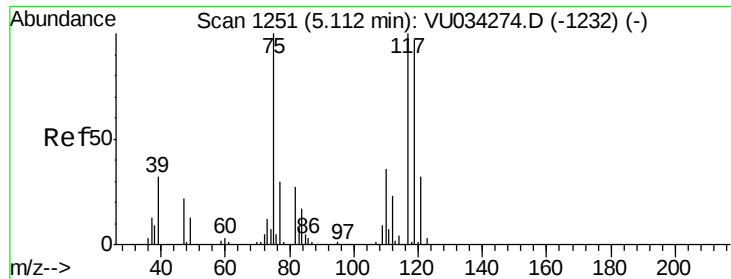
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	21.5	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 3.978 ug/l
 RT: 4.96 min Scan# 1205
 Delta R.T. -0.15 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.3	54.9#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 4.921 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

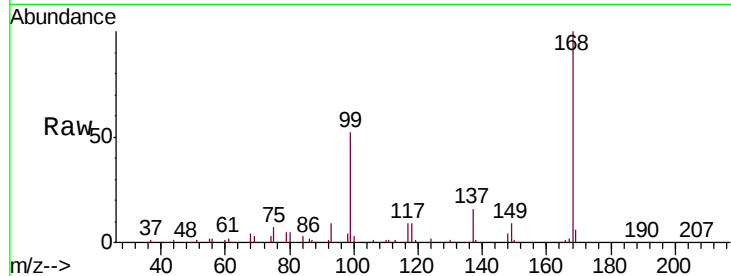
Tgt Ion:117 Resp: 40297

Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.6#

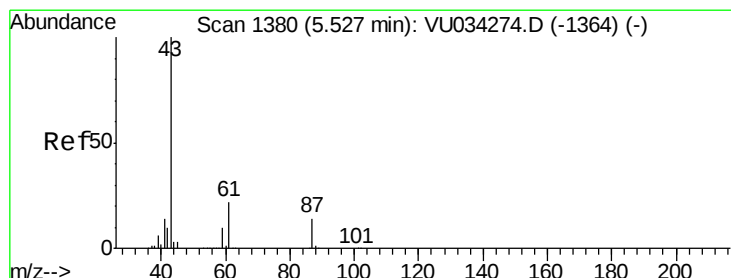
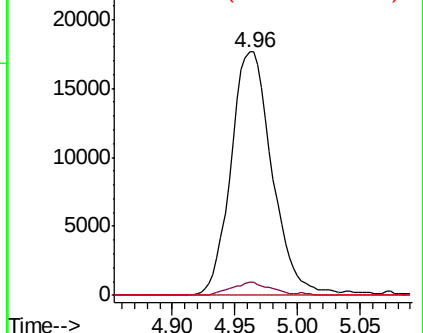
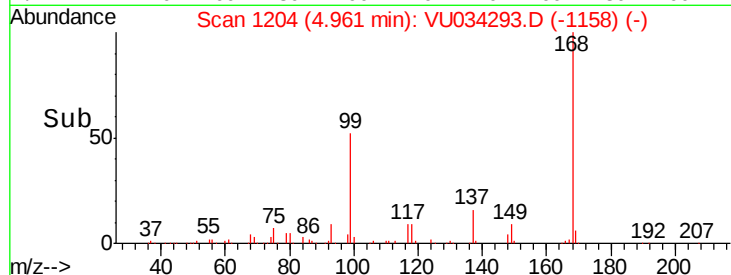
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 5.395 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

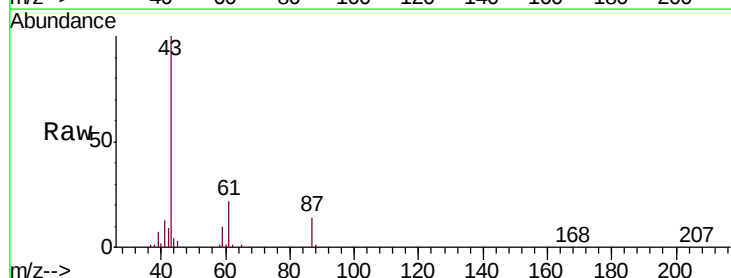
Tgt Ion: 43 Resp: 76324

Ion Ratio Lower Upper

43 100

61 22.0 17.1 25.7

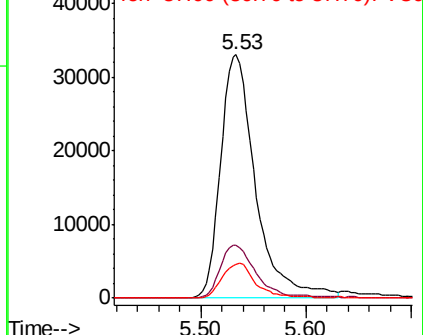
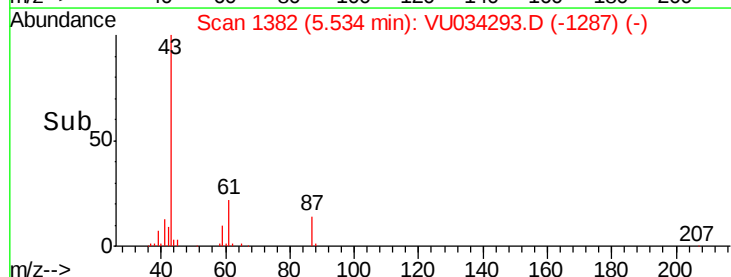
87 13.6 11.1 16.7

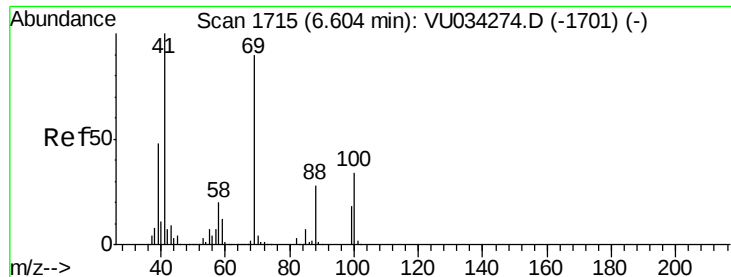


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

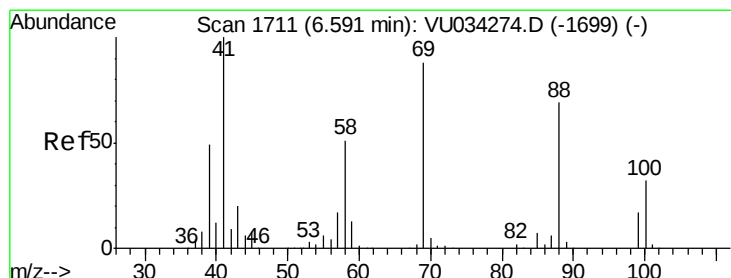
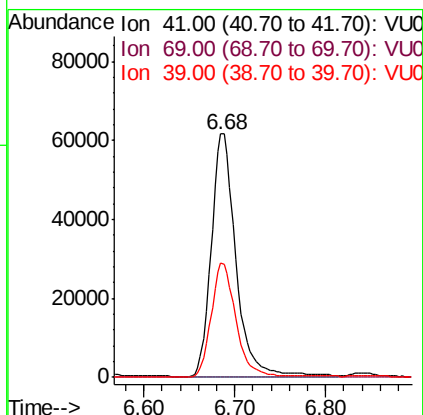
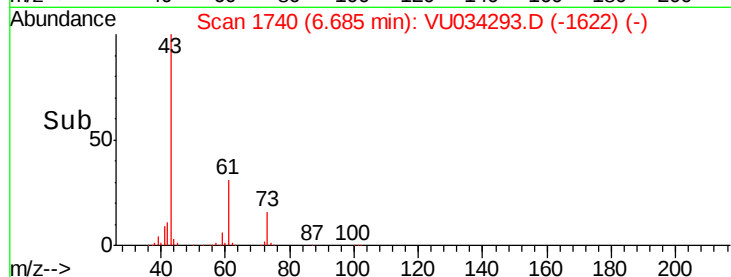
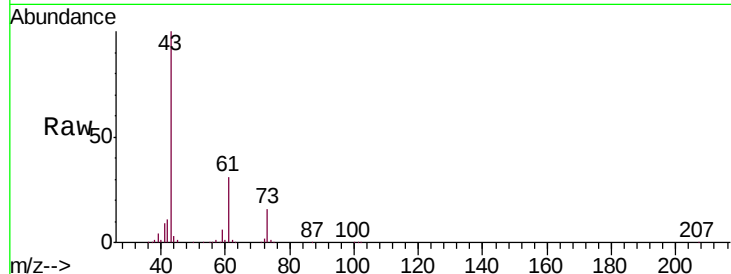




#48
Methyl methacrylate
Concen: 17.253 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

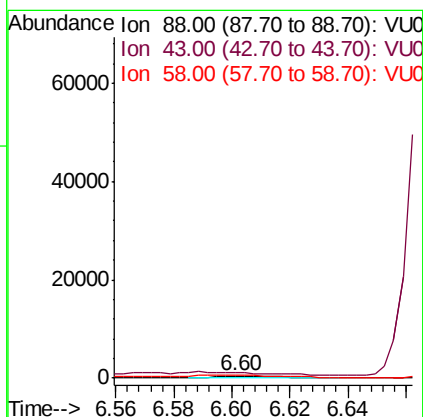
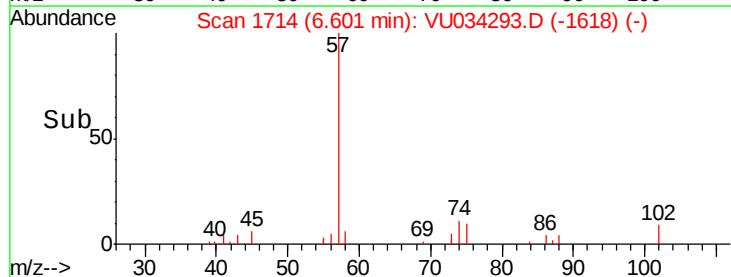
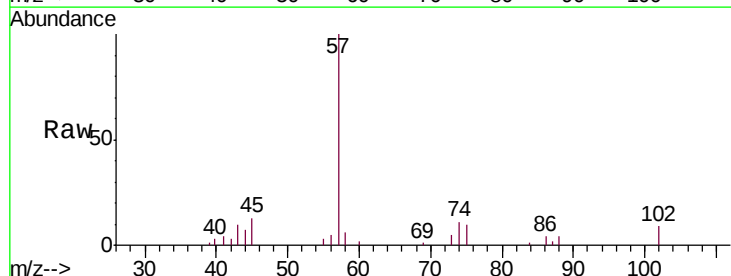
Instrument :
MSVOA_U
ClientSampleId :
T16-17-E1-(2.25)

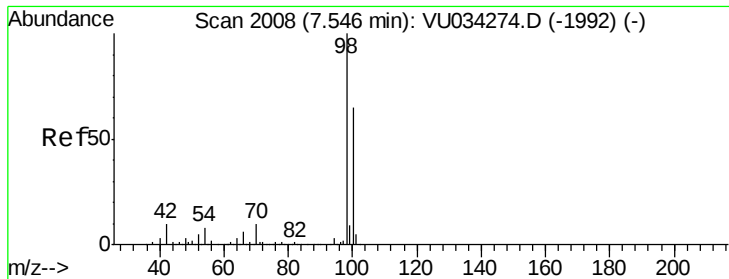
Tgt Ion: 41 Resp: 115922
Ion Ratio Lower Upper
41 100
69 0.0 72.8 109.2#
39 47.7 38.6 58.0



#49
1,4-Dioxane
Concen: 4.014 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

Tgt Ion: 88 Resp: 589
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.6#
58 233.3 58.4 87.6#





#50

Toluene-d8

Concen: 38.939 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

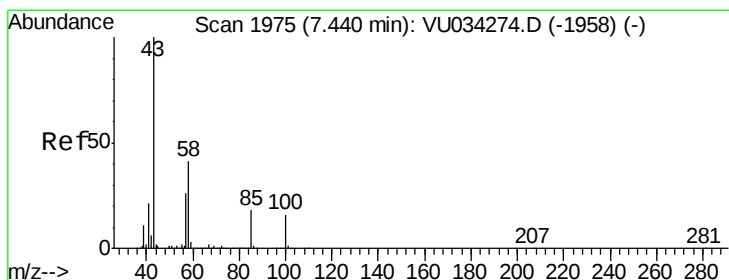
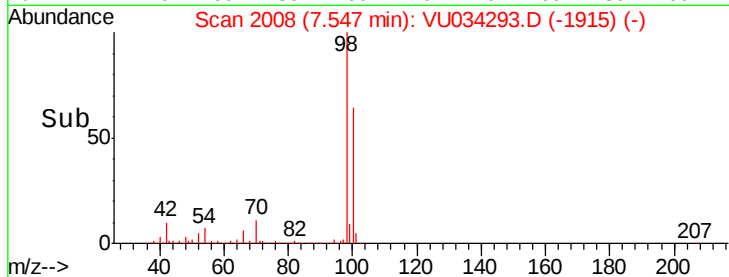
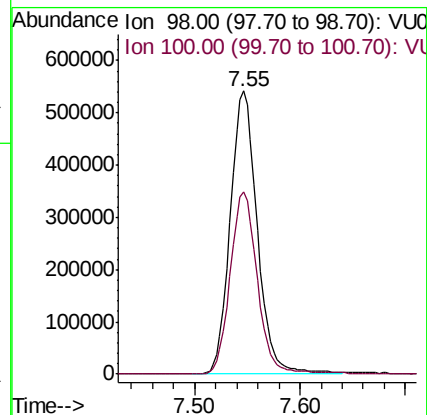
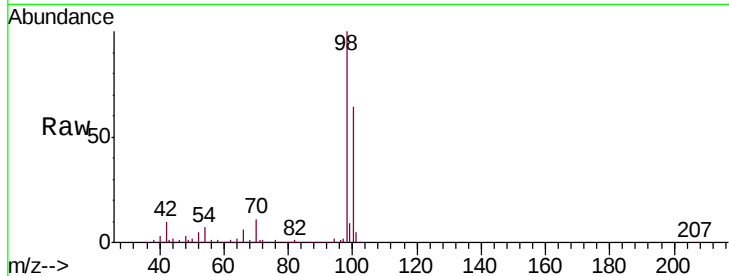
T16-17-E1-(2.25)

Tgt Ion: 98 Resp: 962744

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 6.305 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034293.D

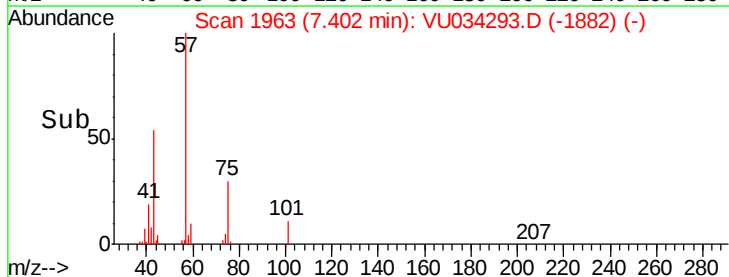
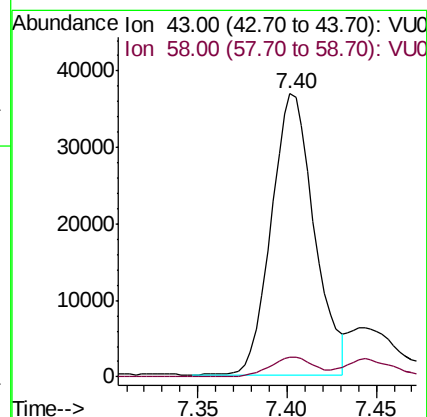
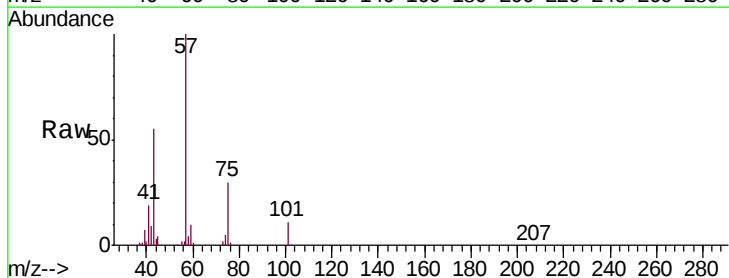
Acq: 05 Sep 2019 19:01

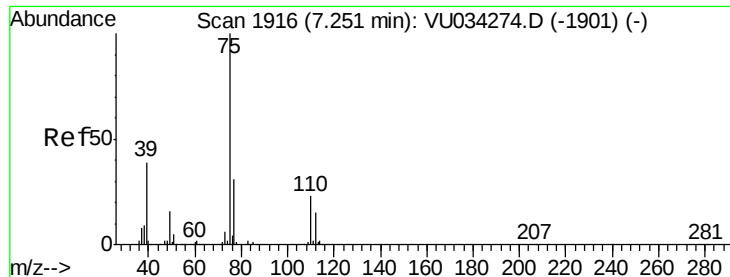
Tgt Ion: 43 Resp: 61737

Ion Ratio Lower Upper

43 100

58 7.4 33.0 49.4#





#54

cis-1,3-Dichloropropene

Concen: 3.274 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

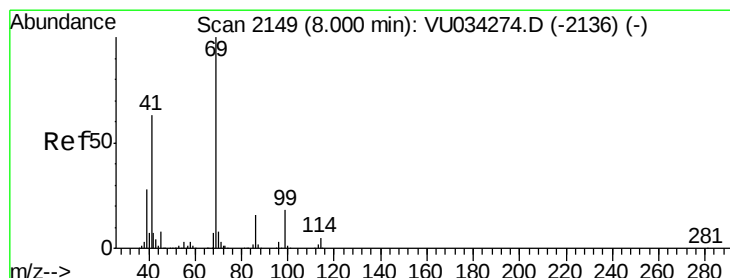
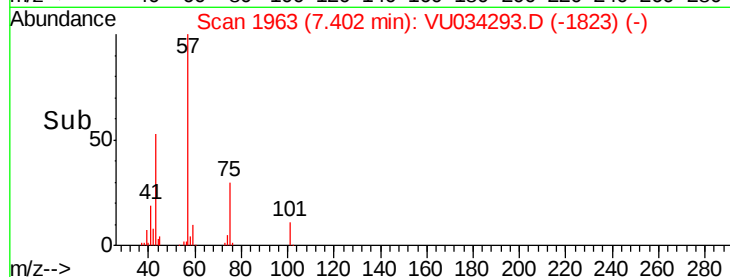
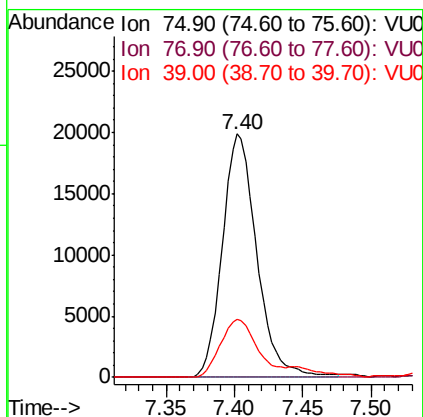
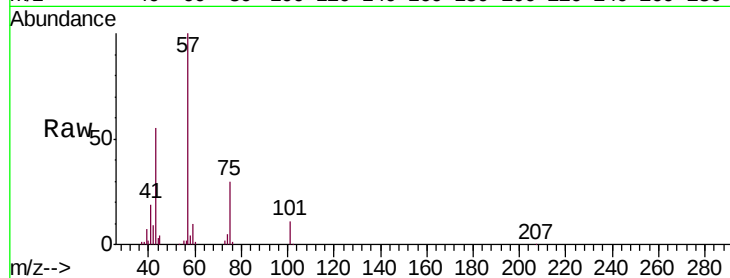
Tgt Ion: 75 Resp: 34823

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 24.0 31.2 46.8#



#56

Ethyl methacrylate

Concen: 3.152 ug/l

RT: 8.03 min Scan# 2158

Delta R.T. 0.03 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

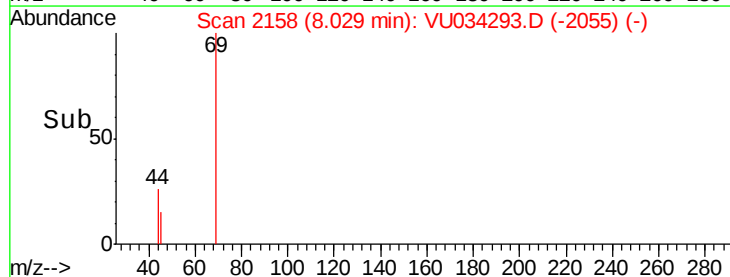
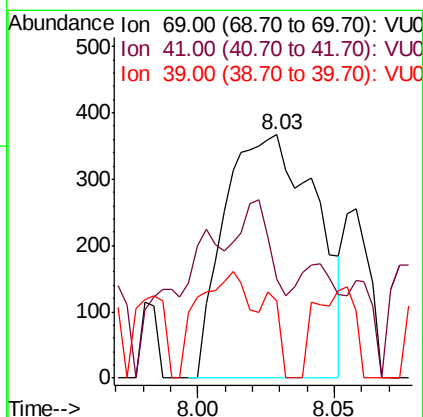
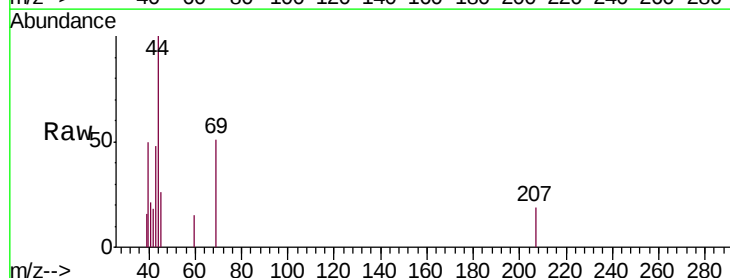
Tgt Ion: 69 Resp: 858

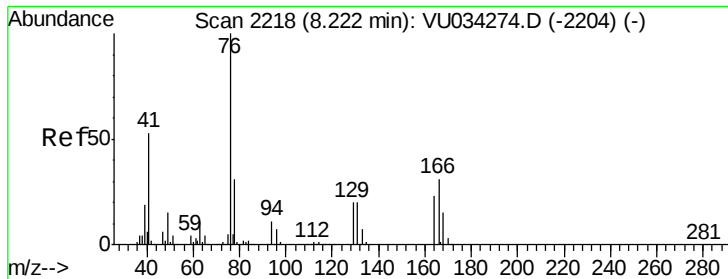
Ion Ratio Lower Upper

69 100

41 0.0 49.5 74.3#

39 0.0 22.5 33.7#

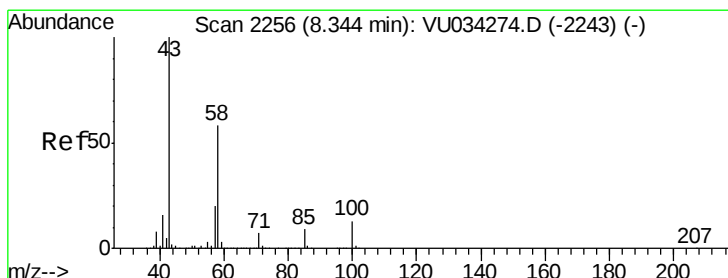
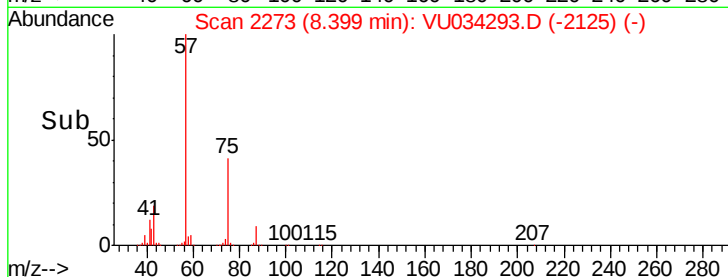
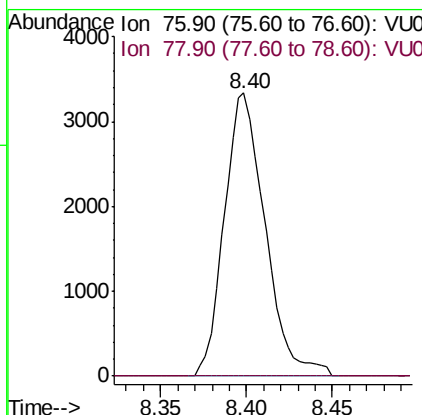
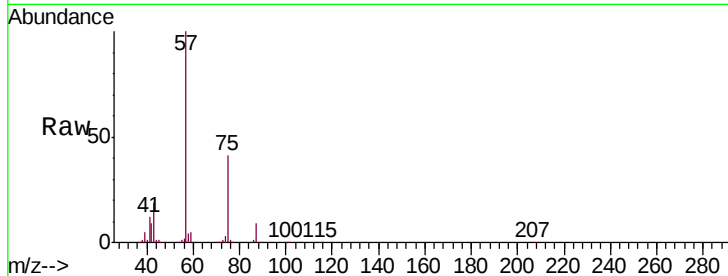




#57
 1,3-Dichloropropane
 Concen: 0.483 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.18 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

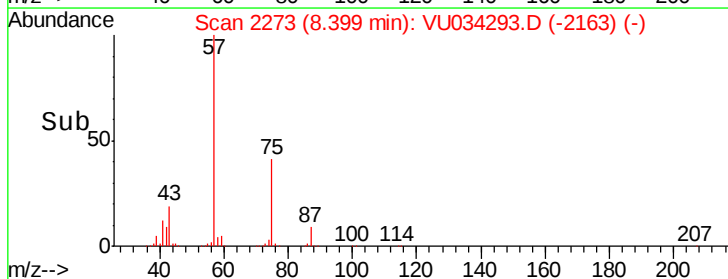
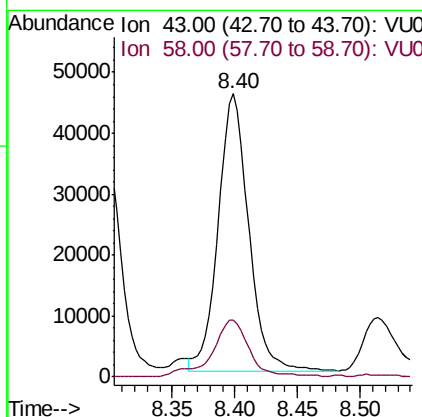
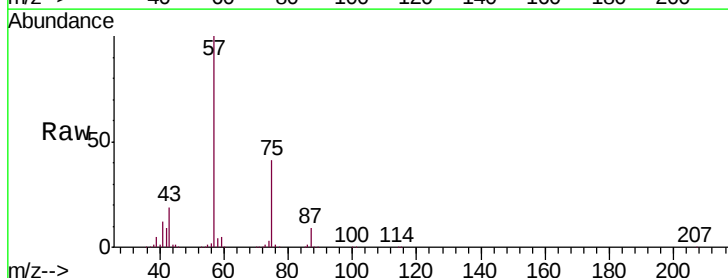
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

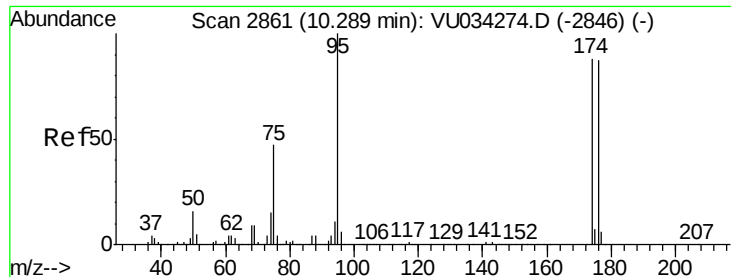
Tgt Ion: 76 Resp: 5543
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#



#59
 2-Hexanone
 Concen: 10.483 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.05 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Tgt Ion: 43 Resp: 76687
 Ion Ratio Lower Upper
 43 100
 58 25.3 28.8 86.5#





#62

4-Bromofluorobenzene

Concen: 35.668 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

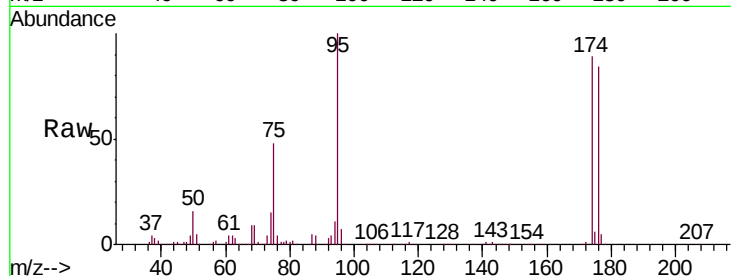
Tgt Ion: 95 Resp: 340485

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.2

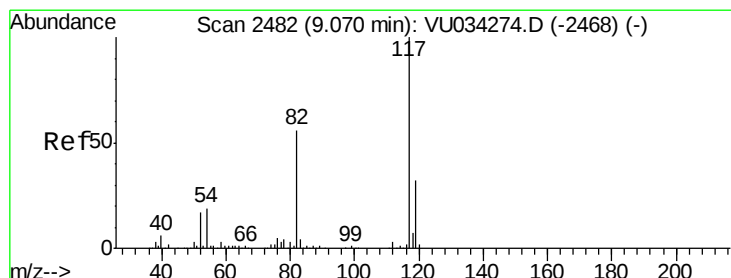
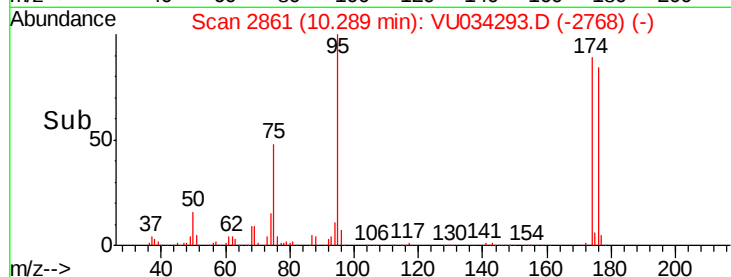
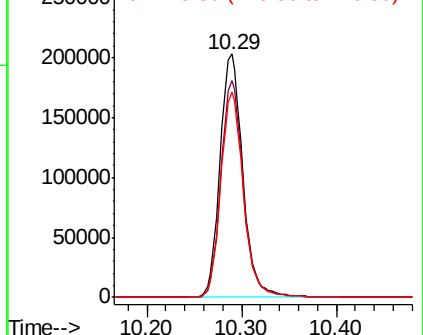
176 83.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

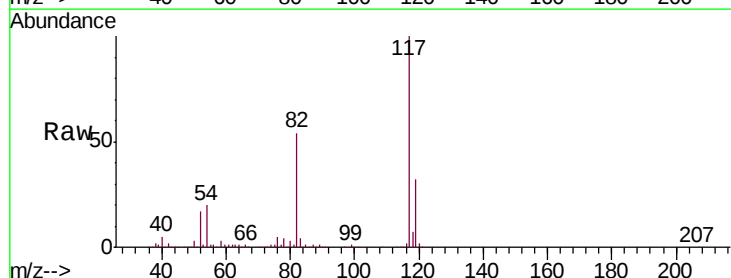
Tgt Ion: 117 Resp: 689592

Ion Ratio Lower Upper

117 100

82 54.2 44.6 67.0

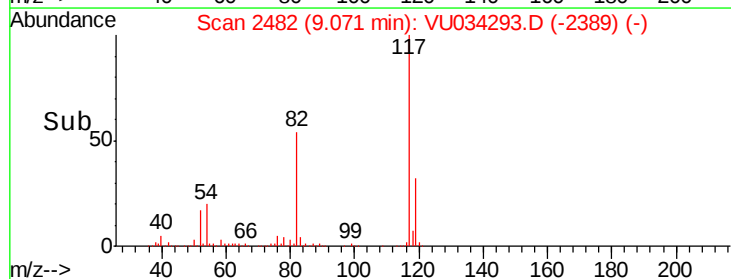
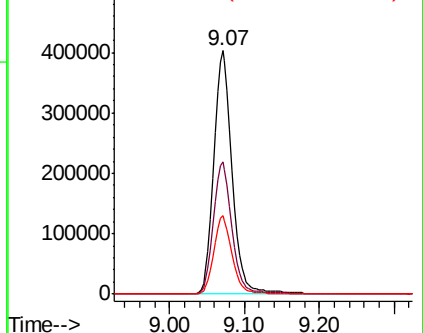
119 32.1 25.9 38.9

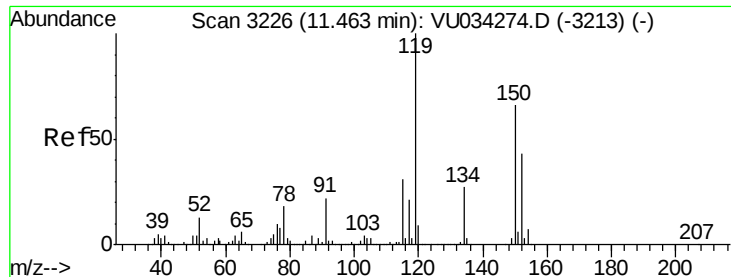


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

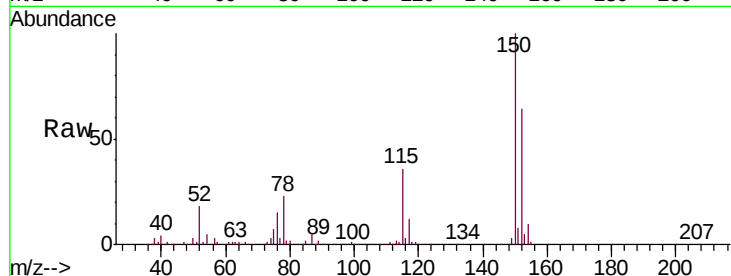
Tgt Ion:152 Resp: 339053

Ion Ratio Lower Upper

152 100

115 56.9 39.1 117.3

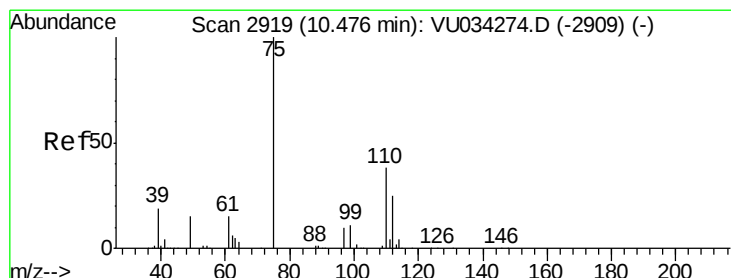
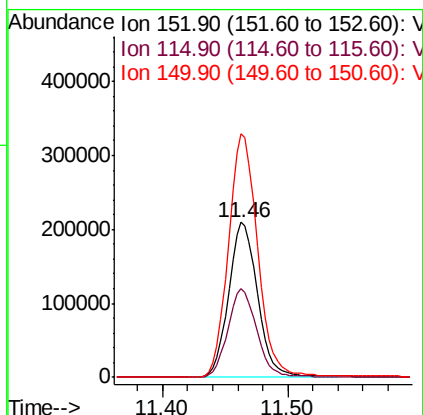
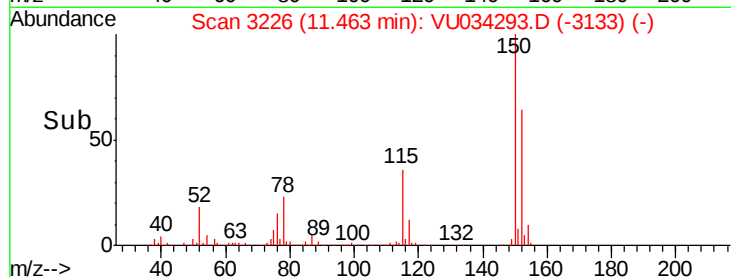
150 158.3 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 21.695 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034293.D

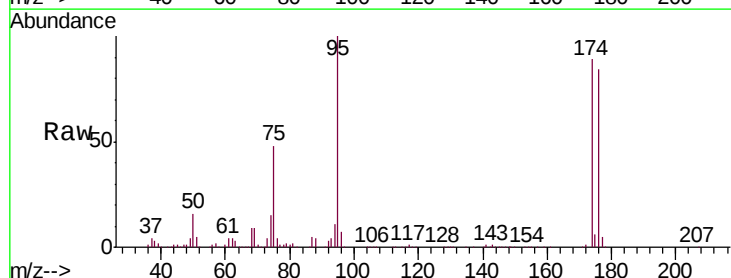
Acq: 05 Sep 2019 19:01

Tgt Ion: 75 Resp: 160564

Ion Ratio Lower Upper

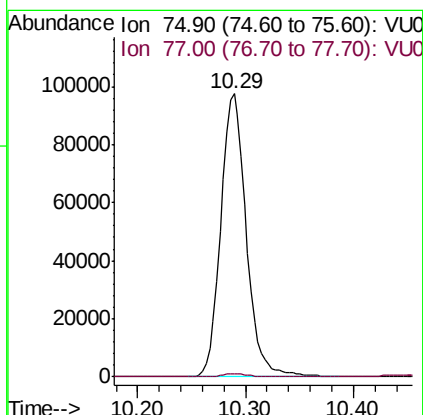
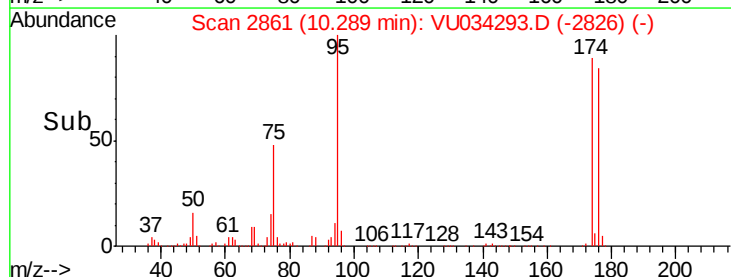
75 100

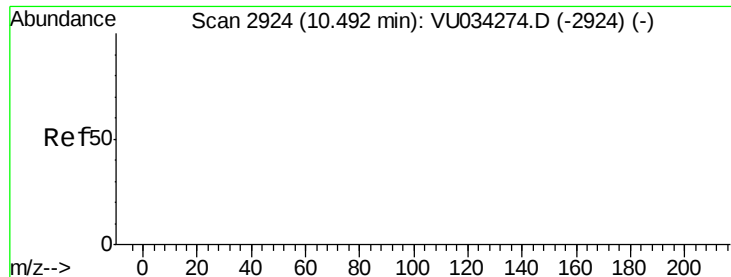
77 1.1 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.959 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

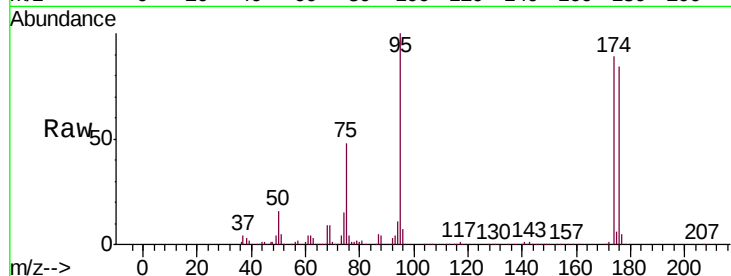
Tgt Ion: 75 Resp: 160564

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

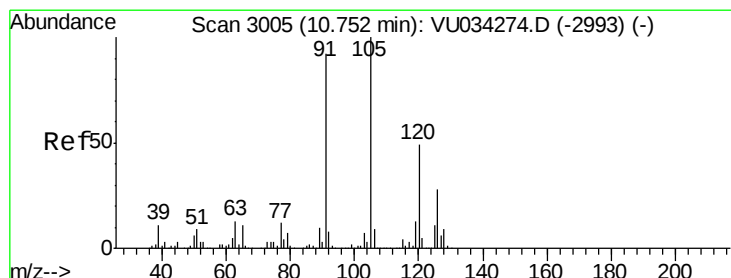
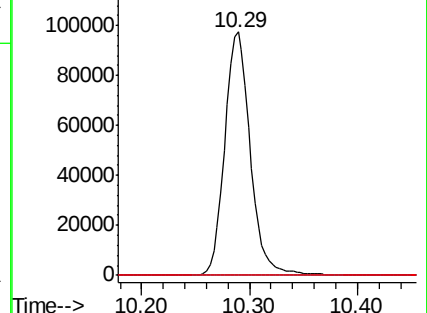
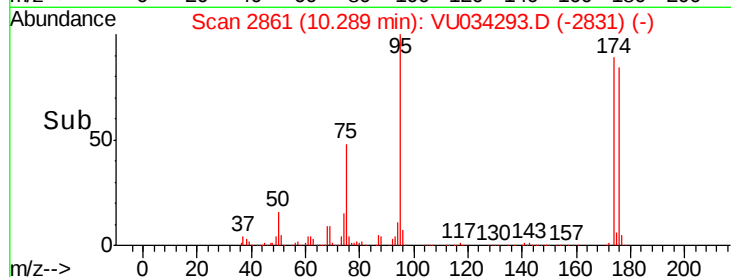
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU034293.D (-2861) (-)

Ion 53.00 (52.70 to 53.70): VU034293.D (-2861) (-)

Ion 88.90 (88.60 to 89.60): VU034293.D (-2861) (-)



#82

4-Chlorotoluene

Concen: 0.207 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.01 min

Lab File: VU034293.D

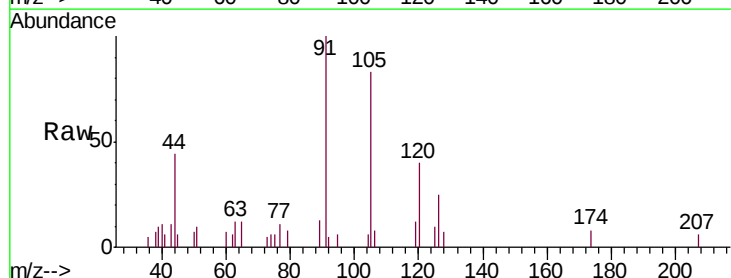
Acq: 05 Sep 2019 19:01

Tgt Ion: 91 Resp: 3708

Ion Ratio Lower Upper

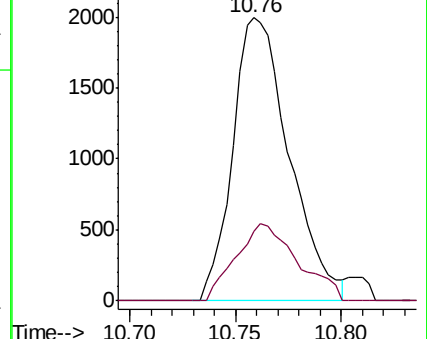
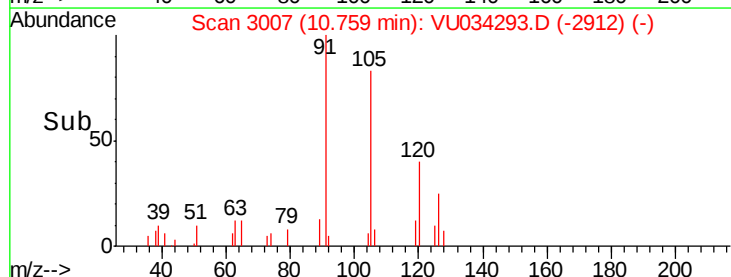
91 100

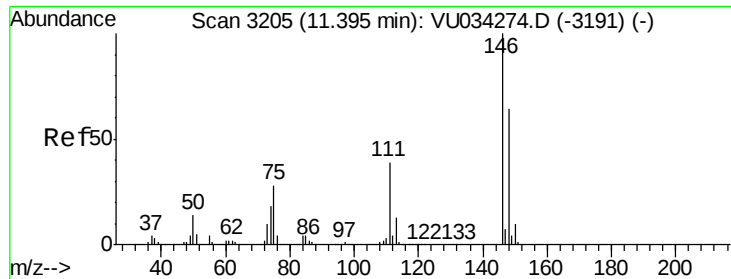
126 29.8 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VU034293.D (-3005) (-)

Ion 125.90 (125.60 to 126.60): VU034293.D (-3005) (-)

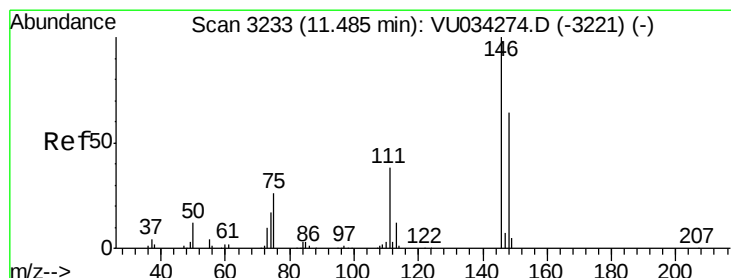
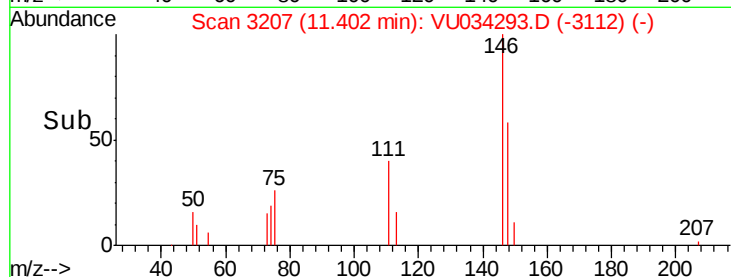
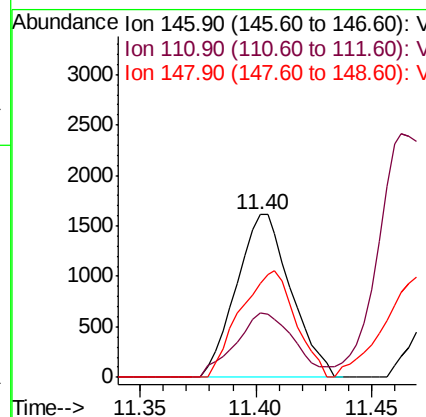
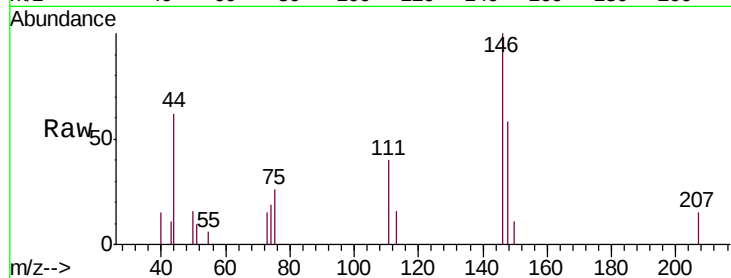




#87
 1,3-Dichlorobenzene
 Concen: 0.234 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.01 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

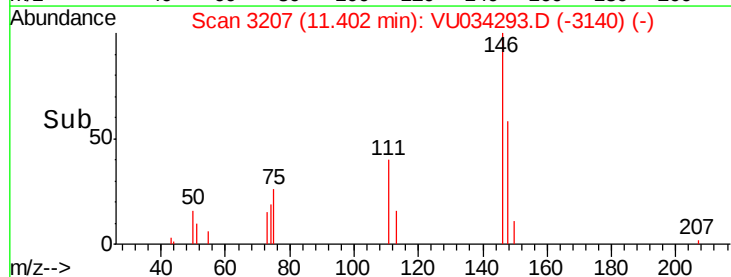
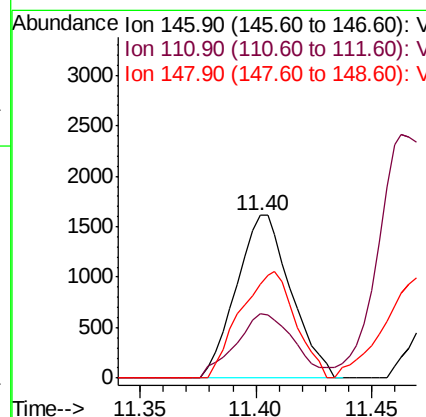
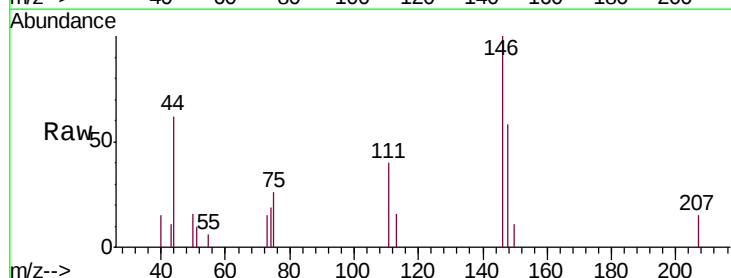
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

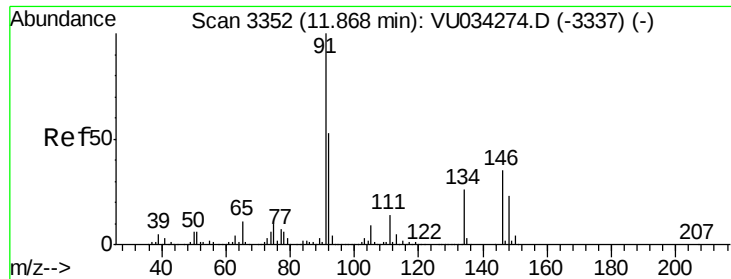
Tgt Ion:146 Resp: 2635
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.5 58.5
 148 66.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.224 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.08 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Tgt Ion:146 Resp: 2635
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.1 57.3
 148 66.3 32.0 96.0

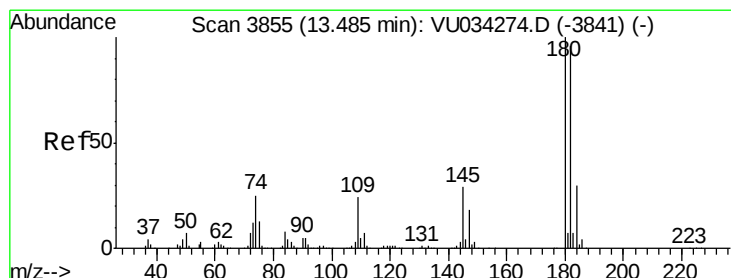
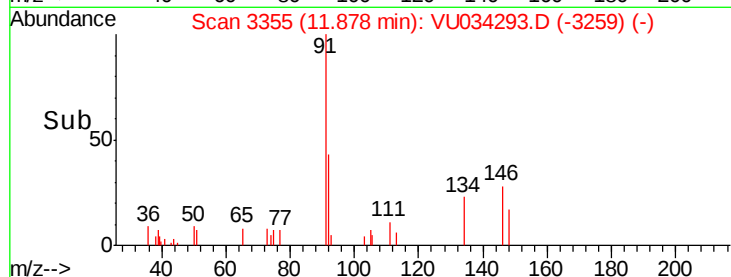
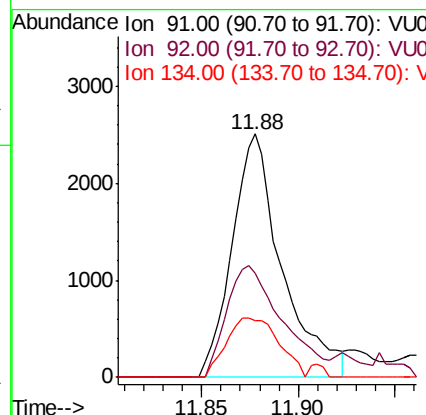
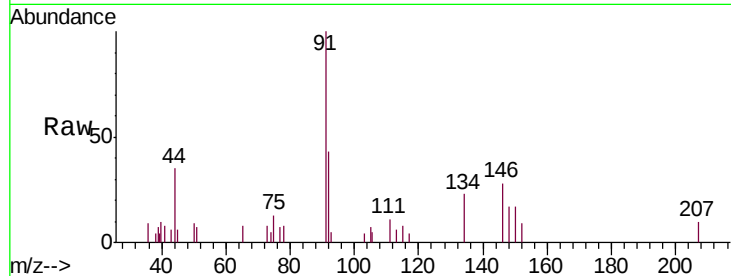




#89
n-Butylbenzene
Concen: 0.257 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.01 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

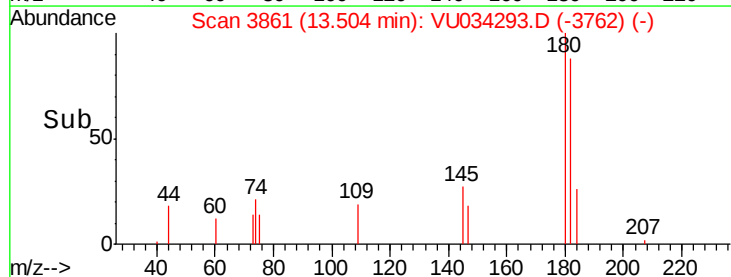
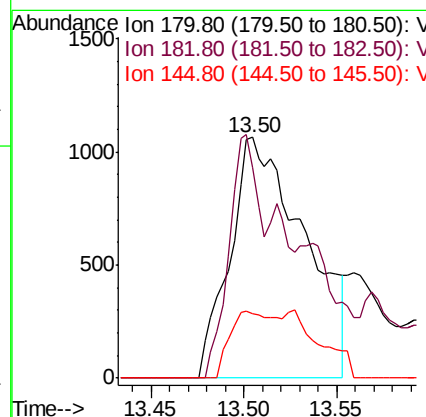
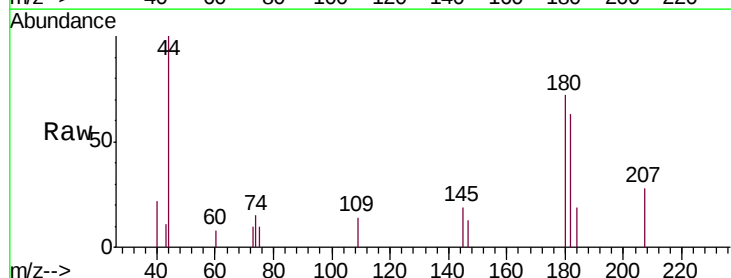
Instrument :
MSVOA_U
ClientSampleId :
T16-17-E1-(2.25)

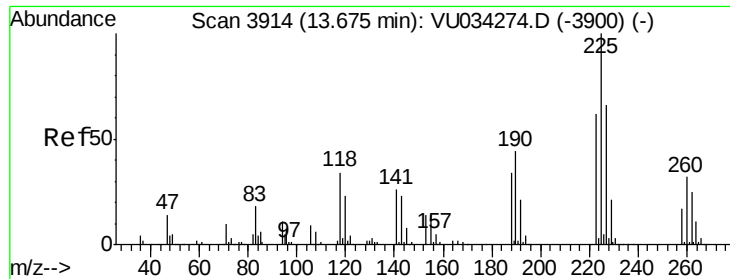
Tgt Ion: 91 Resp: 4486
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.4
134 25.7 13.2 39.6



#93
1,2,4-Trichlorobenzene
Concen: 3.798 ug/l
RT: 13.50 min Scan# 3861
Delta R.T. 0.02 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

Tgt Ion: 180 Resp: 2984
Ion Ratio Lower Upper
180 100
182 41.9 47.9 143.8#
145 14.4 14.4 43.0





#94

Hexachlorobutadiene

Concen: 0.431 ug/l

RT: 13.68 min Scan# 3915

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

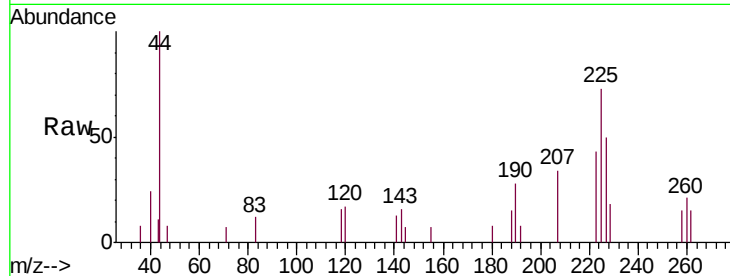
Tgt Ion:225 Resp: 1667

Ion Ratio Lower Upper

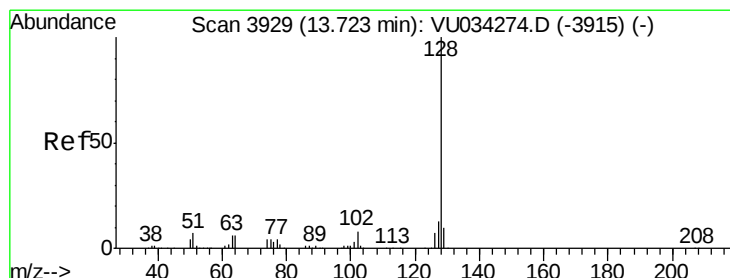
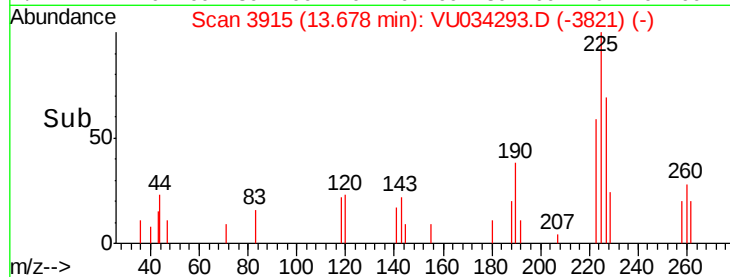
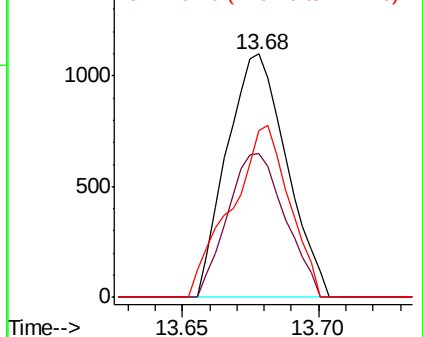
225 100

223 57.0 31.6 94.7

227 68.5 32.3 96.8



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



#95

Naphthalene

Concen: 4.479 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

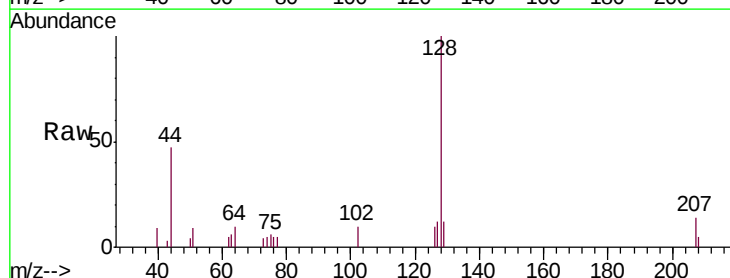
Tgt Ion:128 Resp: 12604

Ion Ratio Lower Upper

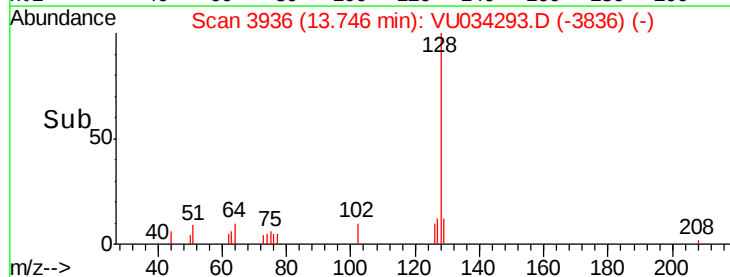
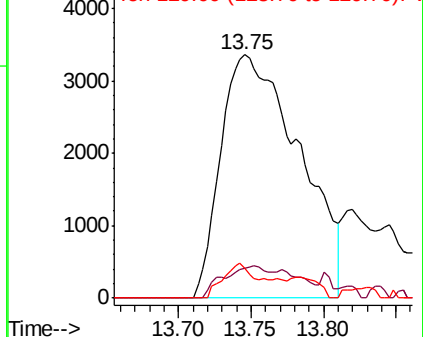
128 100

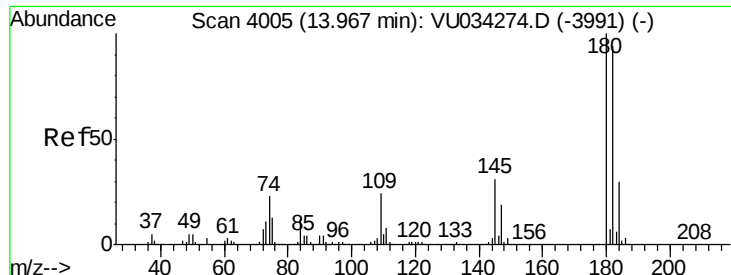
127 7.7 10.6 15.8#

129 6.4 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.160 ug/l
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

Tgt Ion:180 Resp: 4269
 Ion Ratio Lower Upper
 180 100
 182 80.4 48.4 145.0
 145 28.0 15.4 46.4

