

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
 Data File : VU034272.D
 Acq On : 05 Sep 2019 09:37
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 06 04:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	298607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	437791	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	445909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	280634	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	25628	6.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.08%	
35) Dibromofluoromethane	4.86	113	24581	7.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.32%	
50) Toluene-d8	7.55	98	74770	6.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.36%	
62) 4-Bromofluorobenzene	10.29	95	32462	6.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	17685	6.076 ug/l	97
3) Chloromethane	1.32	50	21617	5.035 ug/l	98
4) Vinyl Chloride	1.40	62	21417	5.550 ug/l	99
5) Bromomethane	1.61	94	13707	6.660 ug/l	98
6) Chloroethane	1.69	64	13918	5.805 ug/l	98
7) Trichlorofluoromethane	1.87	101	27896	6.072 ug/l	99
8) Diethyl Ether	2.09	74	11827	5.966 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.27	101	18964	6.471 ug/l	99
10) Methyl Iodide	2.40	142	9615	2.509 ug/l	97
11) Tert butyl alcohol	2.81	59	24766	28.206 ug/l	98
12) 1,1-Dichloroethene	2.27	96	17395	5.891 ug/l	94
13) Acrolein	2.18	56	23806	53.140 ug/l	100
14) Allyl chloride	2.58	41	32740	5.874 ug/l	99
15) Acrylonitrile	2.92	53	61511	30.037 ug/l	97
16) Acetone	2.31	43	63689	32.485 ug/l	100
17) Carbon Disulfide	2.46	76	40518	4.554 ug/l	100
18) Methyl Acetate	2.60	43	30375	5.996 ug/l	97
19) Methyl tert-butyl Ether	2.98	73	59450	6.009 ug/l	95
20) Methylene Chloride	2.68	84	23081	6.256 ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	19109	5.997 ug/l	98
22) Diisopropyl ether	3.55	45	62297	6.000 ug/l #	78
23) Vinyl Acetate	3.51	43	237386	26.859 ug/l	99
24) 1,1-Dichloroethane	3.43	63	39553	6.484 ug/l	98
25) 2-Butanone	4.25	43	80942	29.702 ug/l	100
26) 2,2-Dichloropropane	4.20	77	30621	6.177 ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	22067	6.063 ug/l	97
28) Bromochloromethane	4.53	49	18700	6.185 ug/l	94
29) Tetrahydrofuran	4.62	42	47312	28.145 ug/l	98
30) Chloroform	4.65	83	39792	6.488 ug/l	99
31) Cyclohexane	4.97	56	31201	5.679 ug/l #	82
32) 1,1,1-Trichloroethane	4.89	97	31941	6.403 ug/l	98
36) 1,1-Dichloropropene	5.12	75	24730	5.964 ug/l	99
37) Ethyl Acetate	4.37	43	25907	5.502 ug/l #	89
38) Carbon Tetrachloride	5.11	117	26360	6.470 ug/l	94

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 Data File : VU034272.D
 Acq On : 05 Sep 2019 09:37
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 06 04:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	25445	5.298	ug/l	98
40) Benzene	5.37	78	80283	6.314	ug/l	100
41) Methacrylonitrile	4.53	41	14486	5.937	ug/l	97
42) 1,2-Dichloroethane	5.39	62	28309	6.454	ug/l	99
43) Isopropyl Acetate	5.53	43	42939	5.963	ug/l	97
44) Trichloroethene	6.17	130	23119	6.852	ug/l	99
45) 1,2-Dichloropropane	6.41	63	23466	6.640	ug/l	97
46) Dibromomethane	6.54	93	15033	6.612	ug/l	97
47) Bromodichloromethane	6.74	83	29674	6.619	ug/l	98
48) Methyl methacrylate	6.61	41	18044	5.231	ug/l	94
49) 1,4-Dioxane	6.60	88	9154	108.092	ug/l	94
51) 4-Methyl-2-Pentanone	7.44	43	150962	30.256	ug/l	97
52) Toluene	7.62	92	50455	6.408	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	28926	5.884	ug/l	96
54) cis-1,3-Dichloropropene	7.25	75	32214	5.977	ug/l	96
55) 1,1,2-Trichloroethane	8.05	97	22332	6.613	ug/l	95
56) Ethyl methacrylate	8.00	69	26680	5.354	ug/l	97
57) 1,3-Dichloropropane	8.22	76	36904	6.485	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	41164	22.880	ug/l	99
59) 2-Hexanone	8.35	43	110460	29.359	ug/l	96
60) Dibromochloromethane	8.46	129	23938	6.579	ug/l	99
61) 1,2-Dibromoethane	8.57	107	21833	6.203	ug/l	95
64) Tetrachloroethene	8.21	164	20505	6.707	ug/l	96
65) Chlorobenzene	9.10	112	58723	6.285	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.19	131	21364	6.258	ug/l	95
67) Ethyl Benzene	9.23	91	89347	5.683	ug/l	98
68) m/p-Xylenes	9.36	106	67766	11.294	ug/l	97
69) o-Xylene	9.76	106	31501	5.466	ug/l	93
70) Styrene	9.77	104	53663	5.401	ug/l	97
71) Bromoform	9.94	173	18219	6.123	ug/l #	99
73) Isopropylbenzene	10.15	105	86842	4.726	ug/l	100
74) N-amyl acetate	10.00	43	31933	4.163	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.44	83	39491	5.551	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	39865	6.511	ug/l	87
77) Bromobenzene	10.43	156	25594	5.133	ug/l	99
78) n-propylbenzene	10.57	91	100005	4.669	ug/l	99
79) 2-Chlorotoluene	10.64	91	64225	4.992	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	72031	4.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	39865	21.573	ug/l #	100
82) 4-Chlorotoluene	10.76	91	71811	4.841	ug/l	98
83) tert-Butylbenzene	11.08	119	71913	4.686	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	71218	4.602	ug/l	97
85) sec-Butylbenzene	11.31	105	84616	4.599	ug/l	100
86) p-Isopropyltoluene	11.46	119	76045	4.566	ug/l	98
87) 1,3-Dichlorobenzene	11.40	146	46822	5.285	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	49221	5.475	ug/l	97
89) n-Butylbenzene	11.87	91	63146	4.307	ug/l	96
90) Hexachloroethane	12.12	117	12994	4.563	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	46168	5.422	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	6441	4.571	ug/l	97

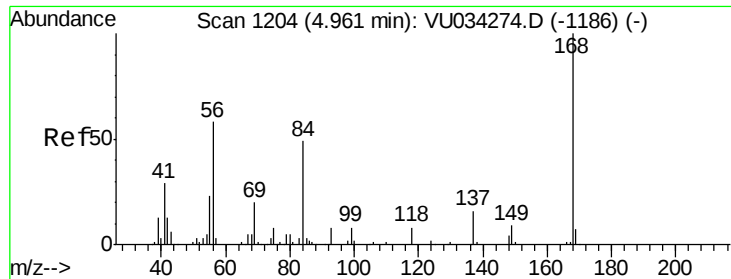
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034272.D
Acq On : 05 Sep 2019 09:37
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Sep 06 04:19:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	20115	3.865	ug/l	97
94) Hexachlorobutadiene	13.67	225	15801	4.831	ug/l	99
95) Naphthalene	13.73	128	47210	3.288	ug/l	98
96) 1,2,3-Trichlorobenzene	13.97	180	23395	4.282	ug/l	95

(#) = 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: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

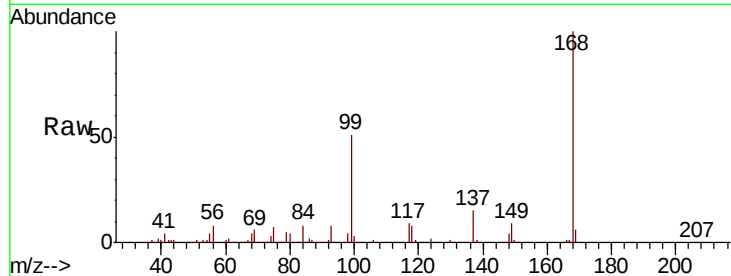
VSTDIC005

Tgt Ion:168 Resp: 298607

Ion Ratio Lower Upper

168 100

99 50.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034272.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034272.D (-1186) (-)

4.96

150000

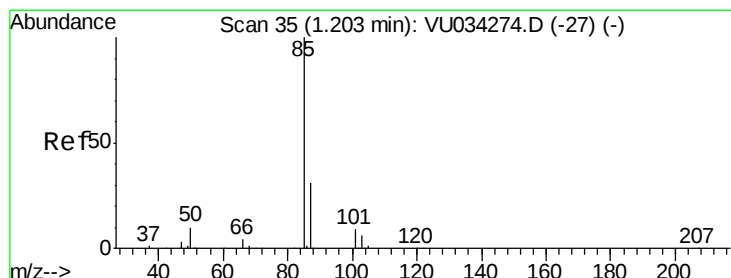
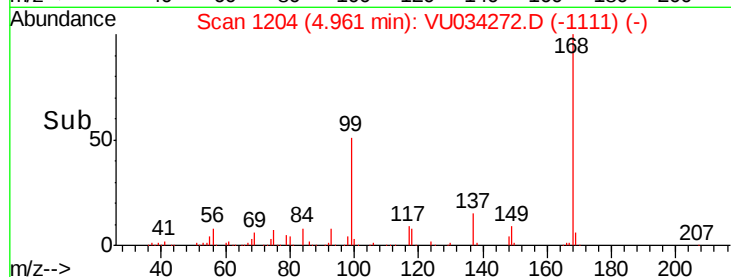
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50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 6.076 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034272.D

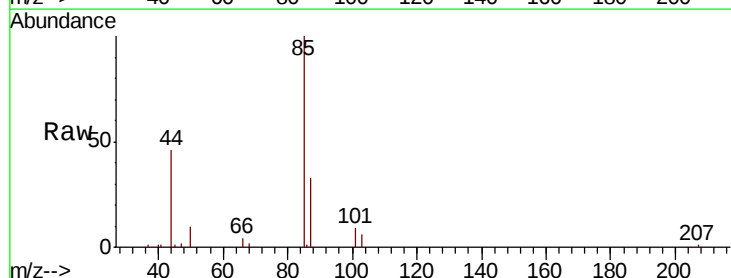
Acq: 05 Sep 2019 09:37

Tgt Ion: 85 Resp: 17685

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034272.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034272.D (-27) (-)

1.20

20000

15000

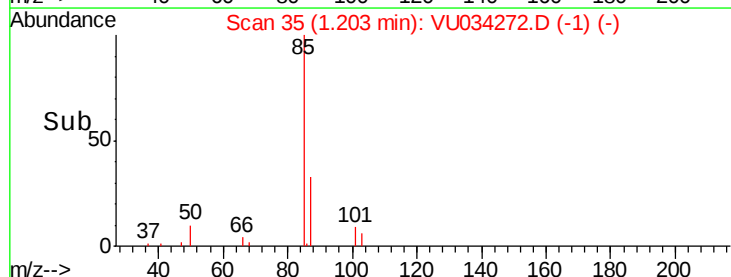
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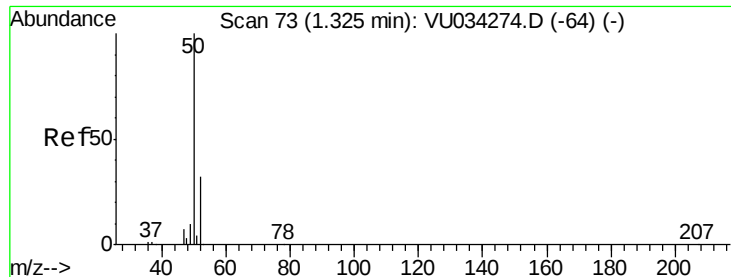
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 5.035 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

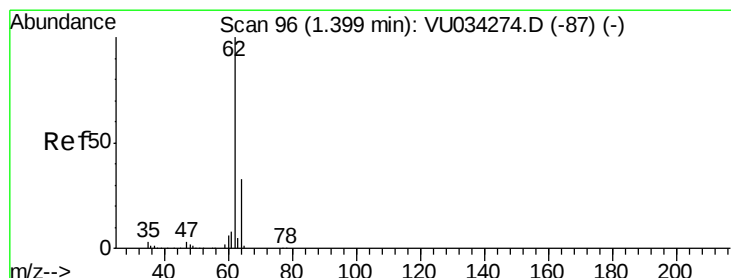
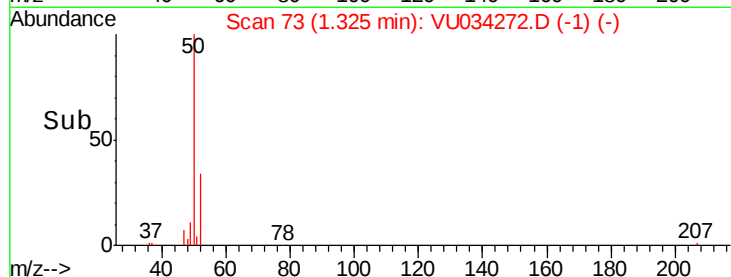
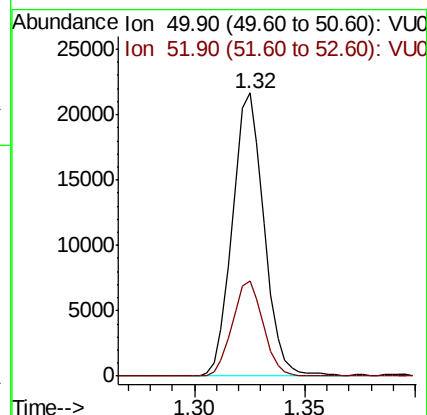
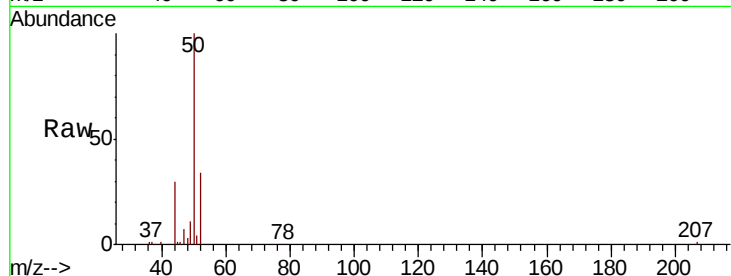
VSTDIC005

Tgt Ion: 50 Resp: 21617

Ion Ratio Lower Upper

50 100

52 33.5 25.8 38.6



#4

Vinyl Chloride

Concen: 5.550 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034272.D

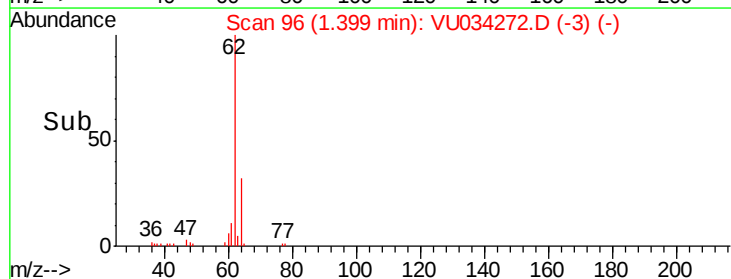
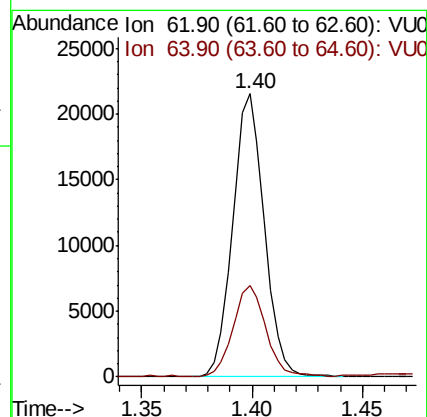
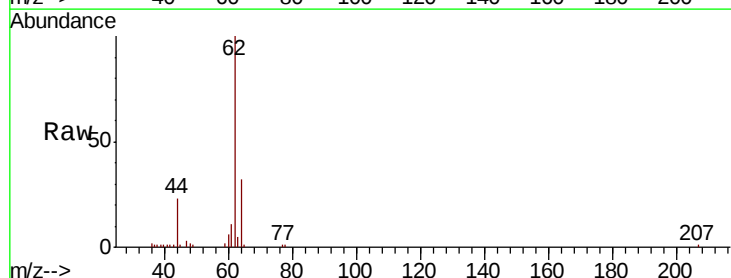
Acq: 05 Sep 2019 09:37

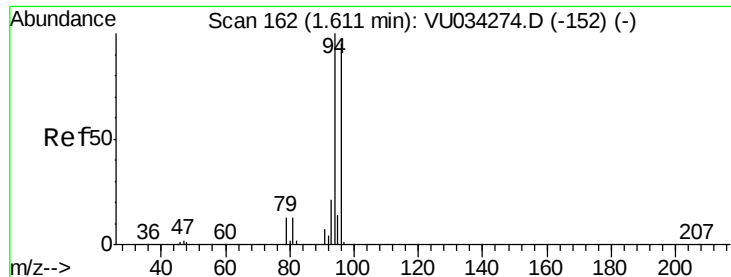
Tgt Ion: 62 Resp: 21417

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.4





#5

Bromomethane

Concen: 6.660 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

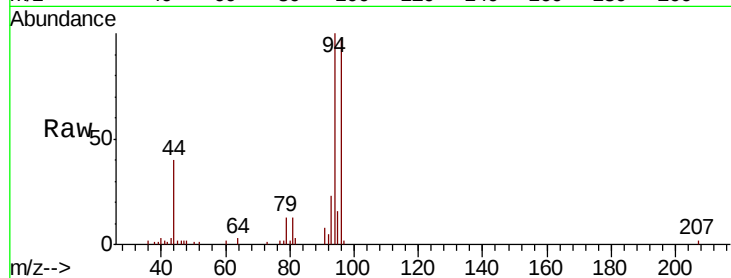
VSTDIC005

Tgt Ion: 94 Resp: 13707

Ion Ratio Lower Upper

94 100

96 96.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034272.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034272.D (-152) (-)

1.61

12000

10000

8000

6000

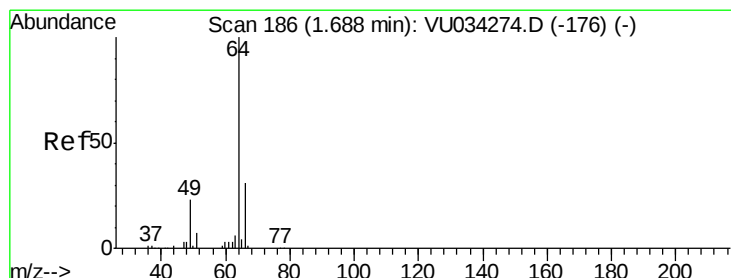
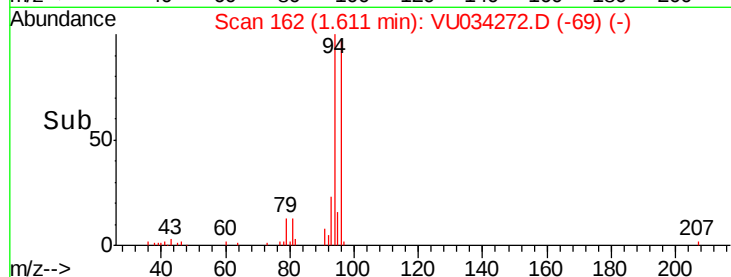
4000

2000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 5.805 ug/l

RT: 1.69 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034272.D

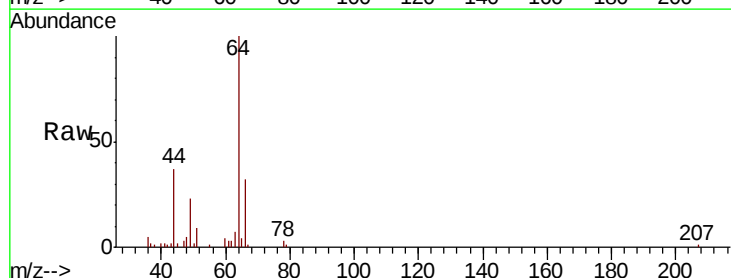
Acq: 05 Sep 2019 09:37

Tgt Ion: 64 Resp: 13918

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034272.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034272.D (-176) (-)

1.69

12000

10000

8000

6000

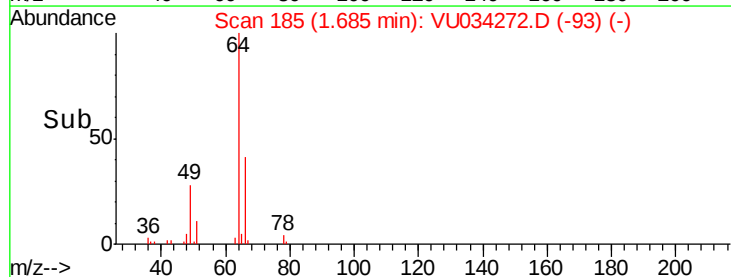
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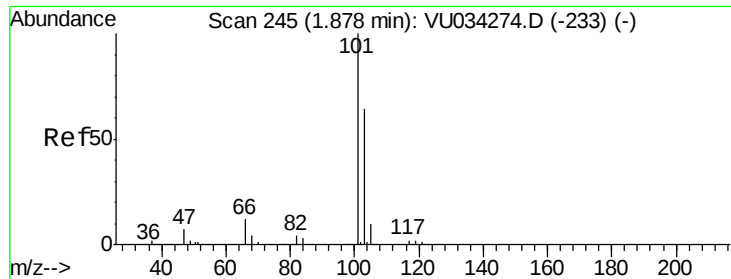
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0

Time-->

1.60 1.65 1.70 1.75



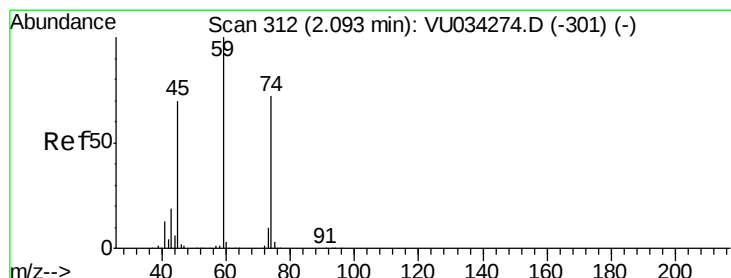
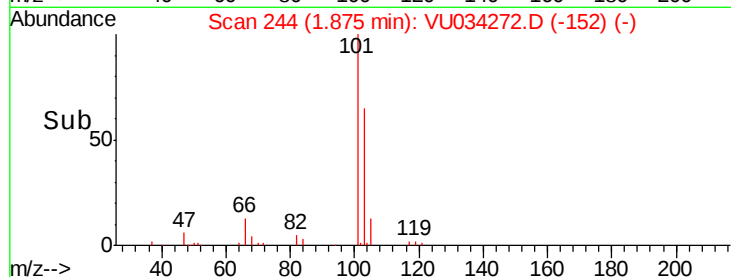
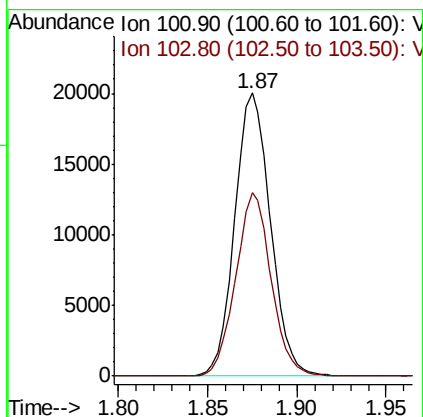
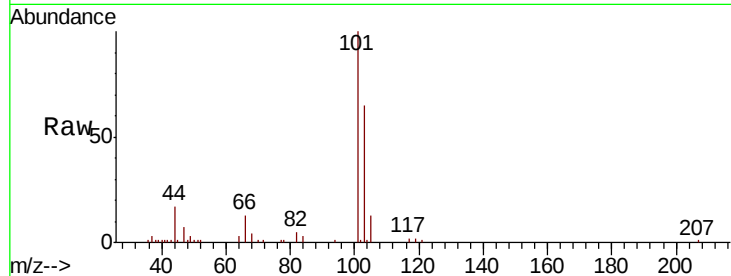


#7

Trichlorofluoromethane
 Concen: 6.072 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

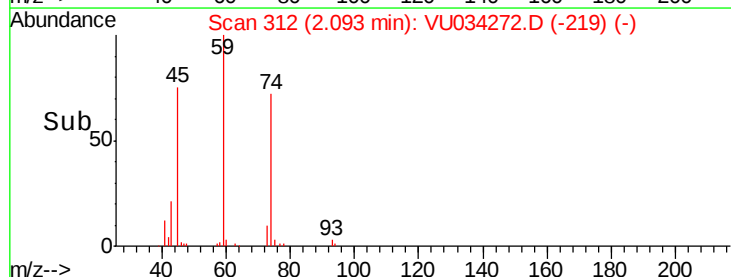
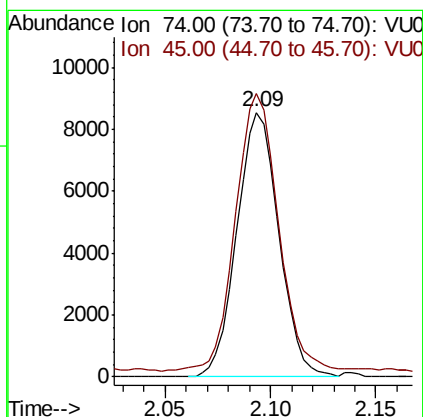
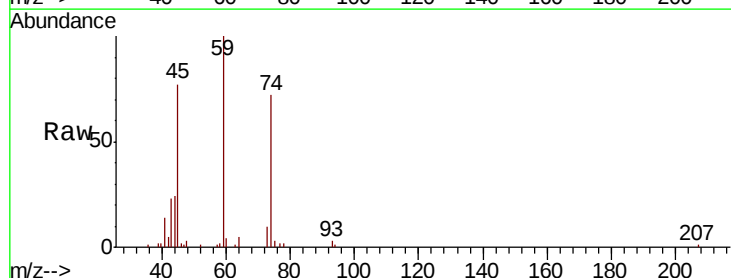
Tgt Ion:101 Resp: 27896
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.6

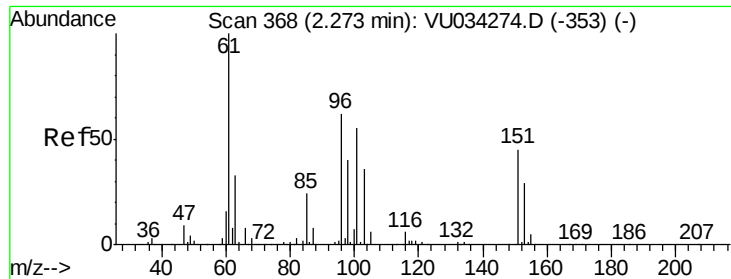


#8

Diethyl Ether
 Concen: 5.966 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 74 Resp: 11827
 Ion Ratio Lower Upper
 74 100
 45 107.2 48.2 144.6

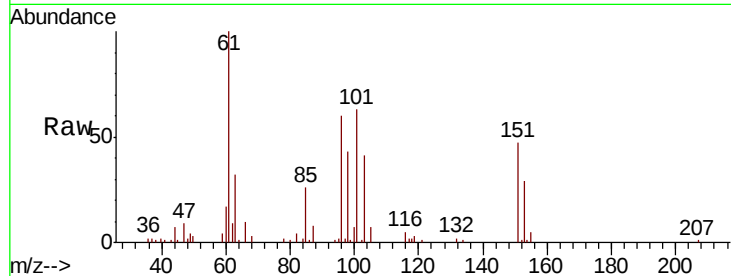




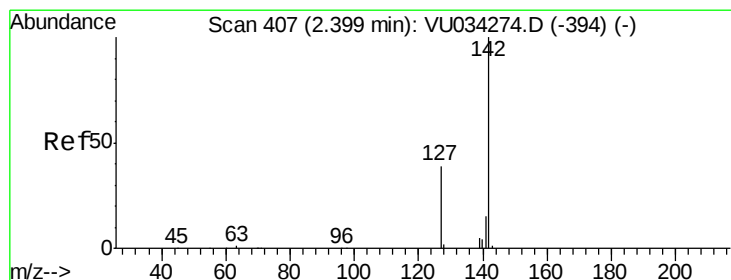
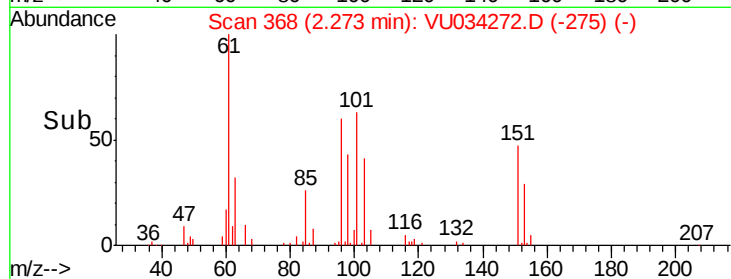
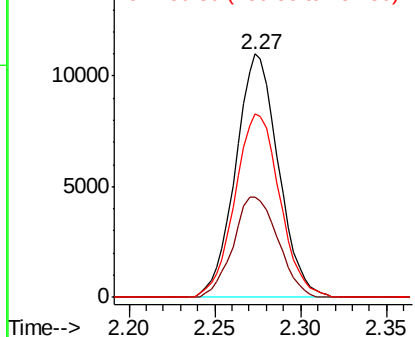
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.471 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 18964
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.4 51.6
 151 78.9 64.4 96.6

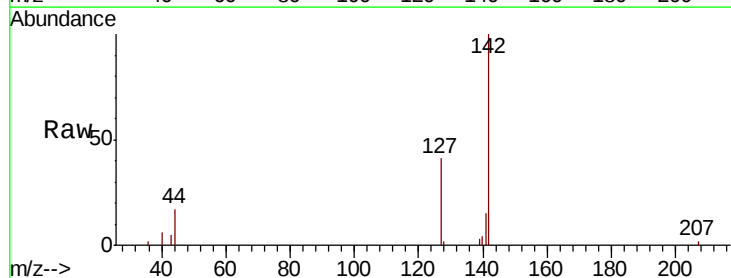


Abundance Ion 100.90 (100.60 to 101.60): V
 15000 Ion 84.90 (84.60 to 85.60): VU0
 Ion 150.80 (150.50 to 151.50): V

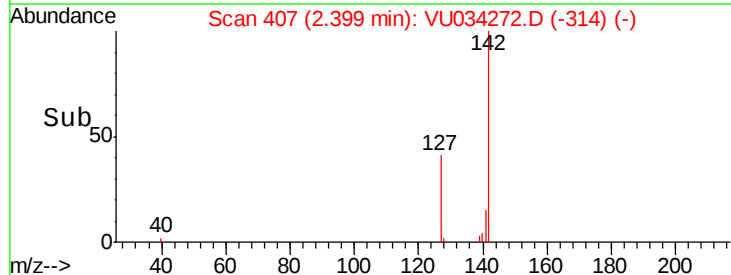
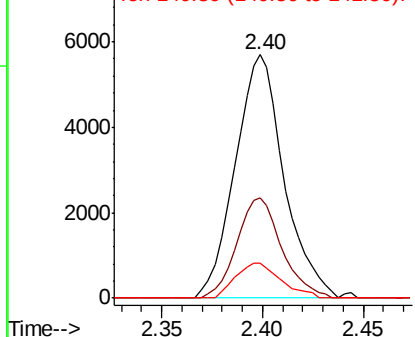


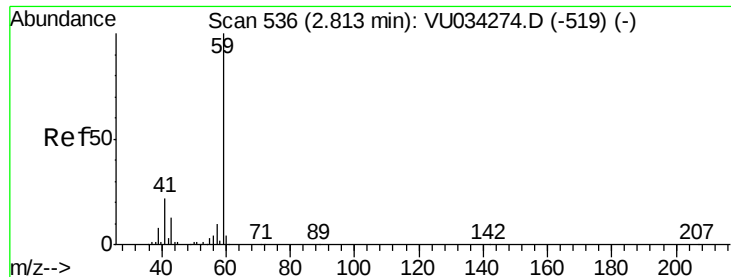
#10
 Methyl Iodide
 Concen: 2.509 ug/l
 RT: 2.40 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:142 Resp: 9615
 Ion Ratio Lower Upper
 142 100
 127 38.0 32.1 48.1
 141 13.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
 6000 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

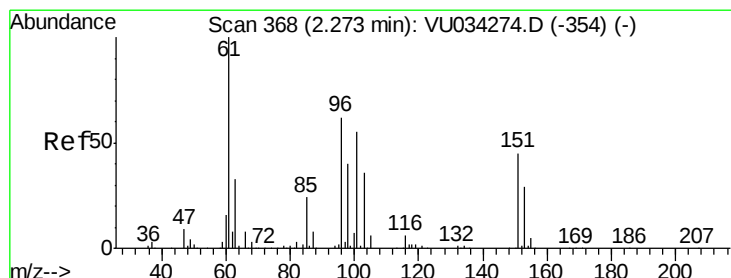
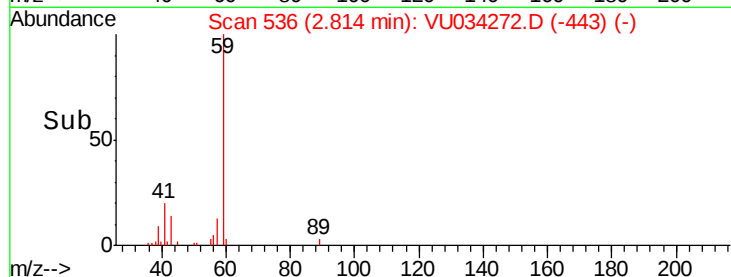
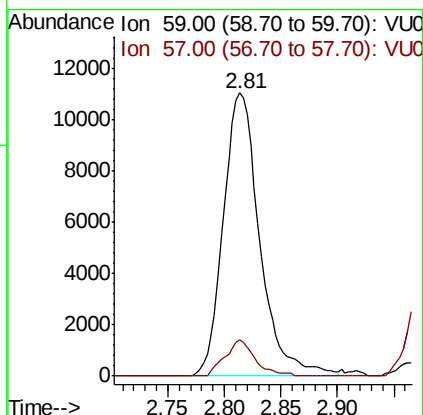
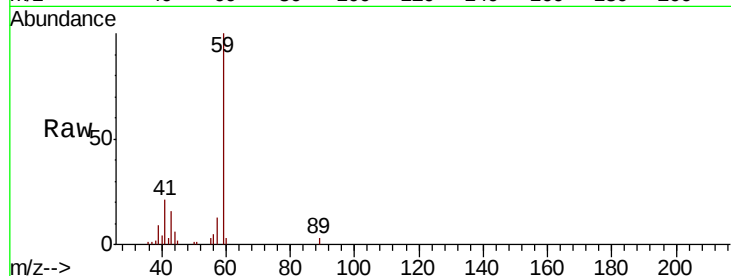




#11
Tert butyl alcohol
Concen: 28.206 ug/l
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

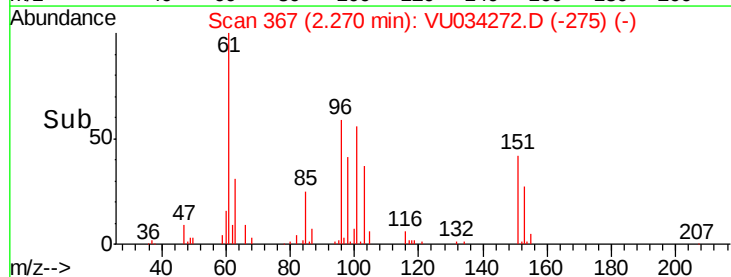
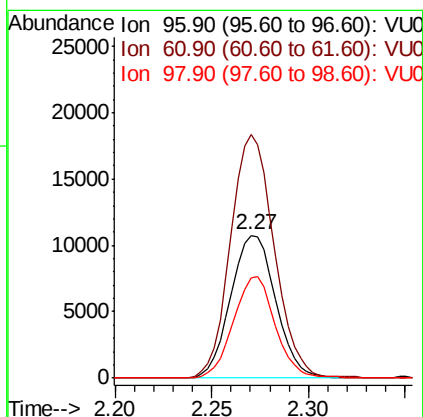
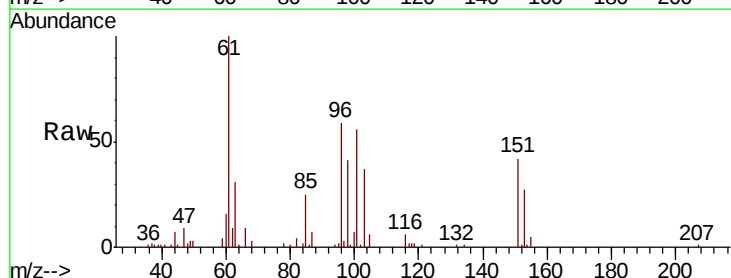
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

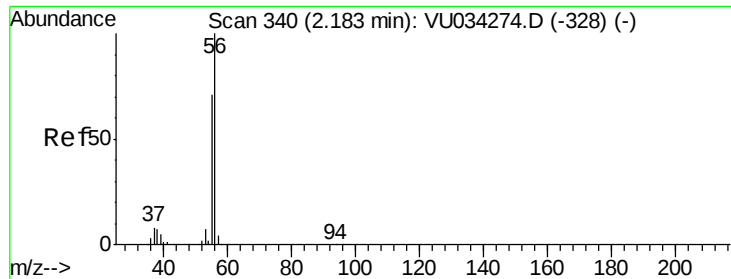
Tgt Ion: 59 Resp: 24766
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9



#12
1,1-Dichloroethene
Concen: 5.891 ug/l
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 96 Resp: 17395
Ion Ratio Lower Upper
96 100
61 170.4 130.0 195.0
98 69.9 52.2 78.4





#13

Acrolein

Concen: 53.140 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

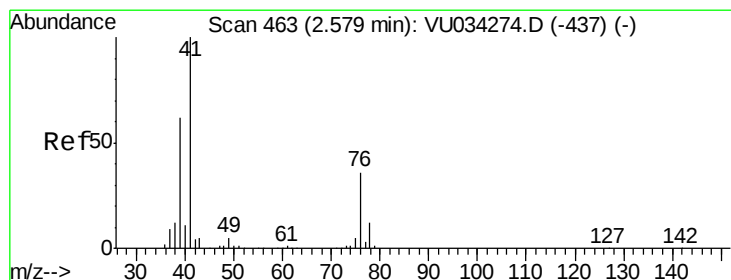
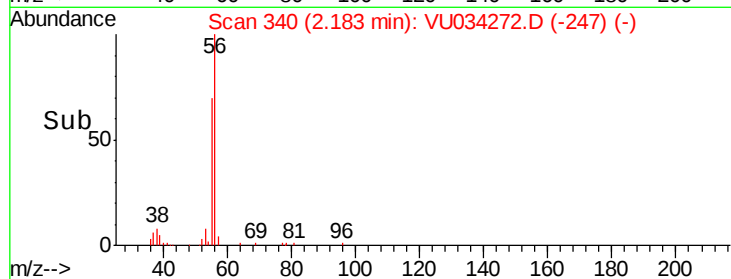
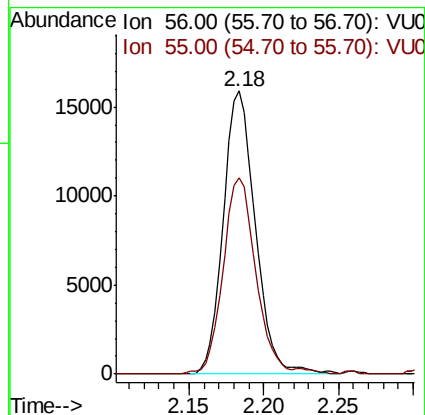
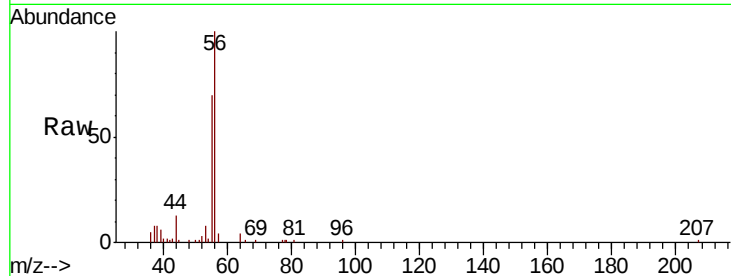
VSTDIC005

Tgt Ion: 56 Resp: 23806

Ion Ratio Lower Upper

56 100

55 71.5 57.4 86.2



#14

Allyl chloride

Concen: 5.874 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

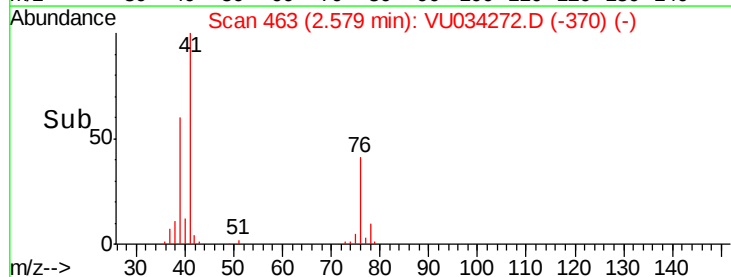
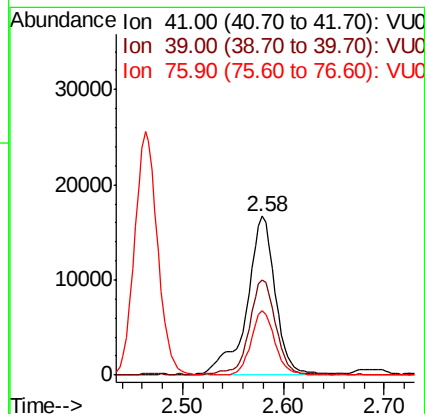
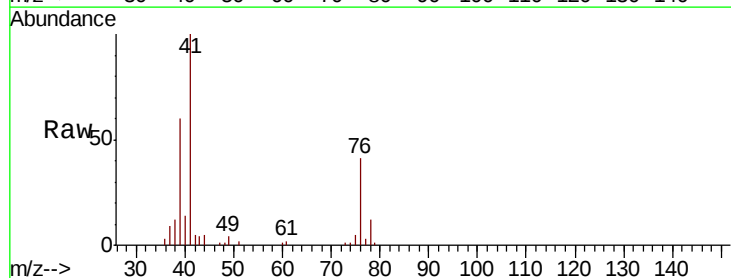
Tgt Ion: 41 Resp: 32740

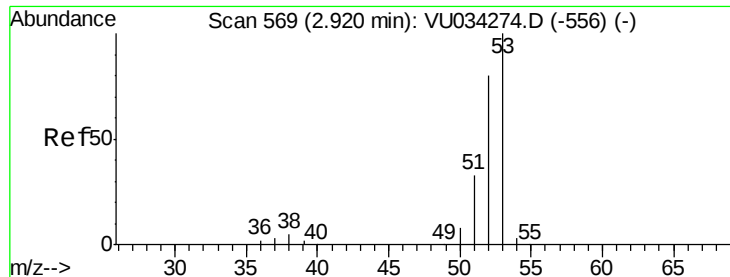
Ion Ratio Lower Upper

41 100

39 55.5 43.5 65.3

76 33.4 27.0 40.6





#15

Acrylonitrile

Concen: 30.037 ug/l

RT: 2.92 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

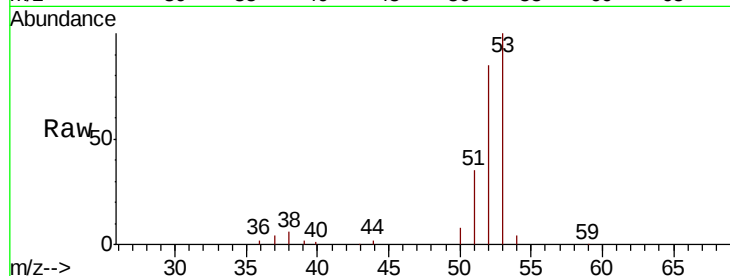
Tgt Ion: 53 Resp: 61511

Ion Ratio Lower Upper

53 100

52 83.0 64.1 96.1

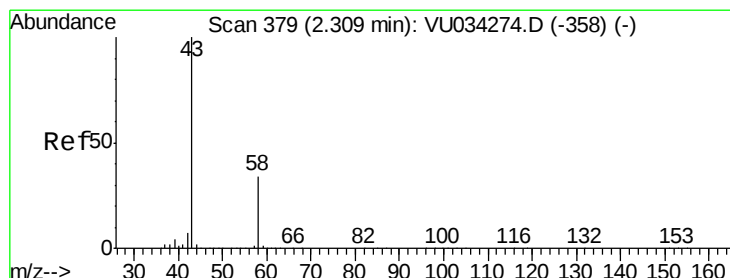
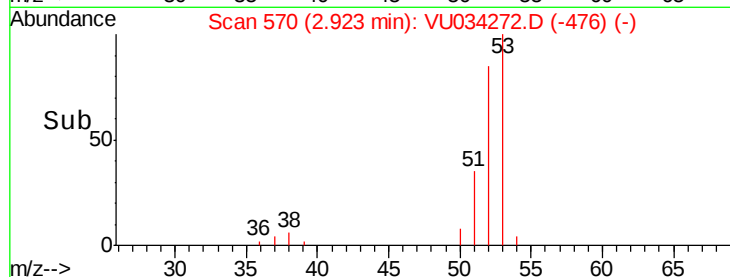
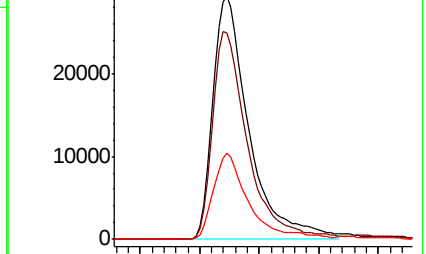
51 32.8 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034272.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034272.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034272.D (-556) (-)



#16

Acetone

Concen: 32.485 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034272.D

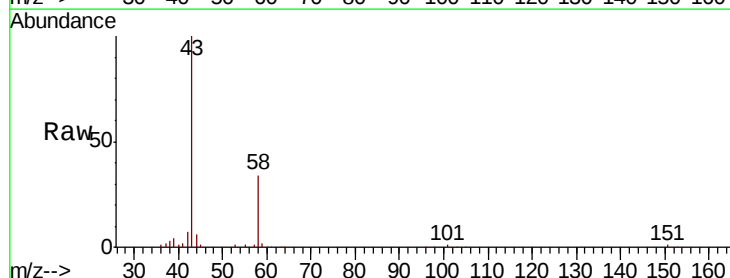
Acq: 05 Sep 2019 09:37

Tgt Ion: 43 Resp: 63689

Ion Ratio Lower Upper

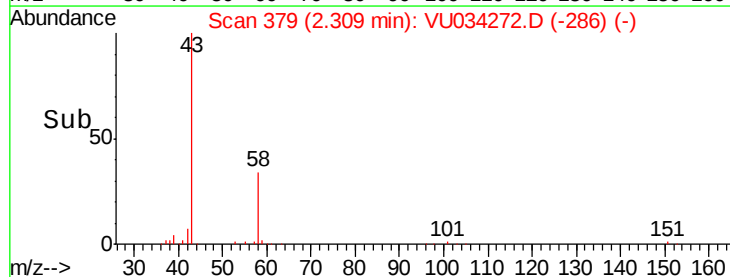
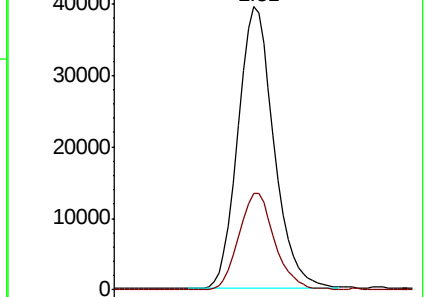
43 100

58 34.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034272.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034272.D (-286) (-)

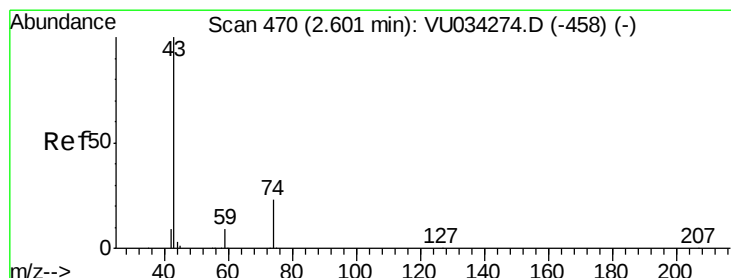
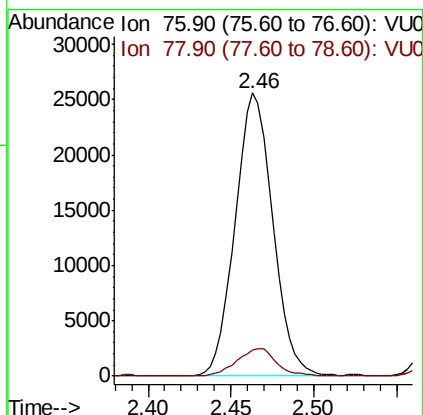
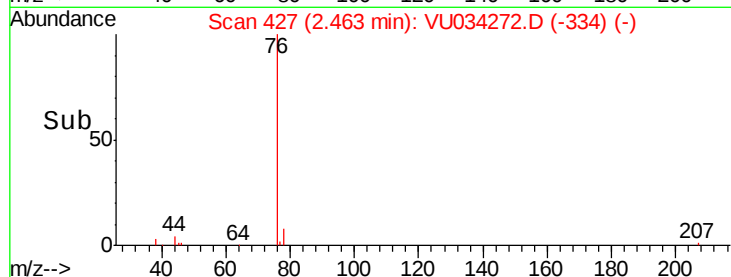
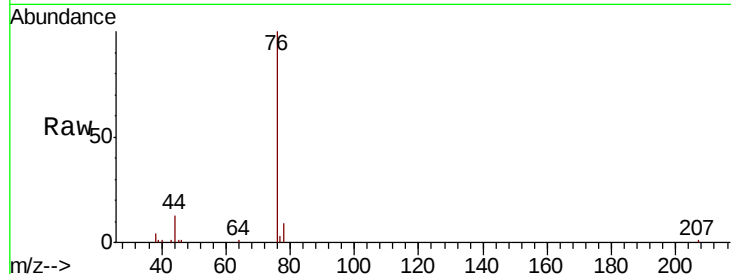




#17
Carbon Disulfide
Concen: 4.554 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

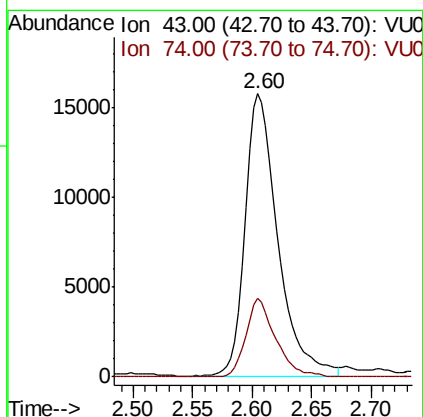
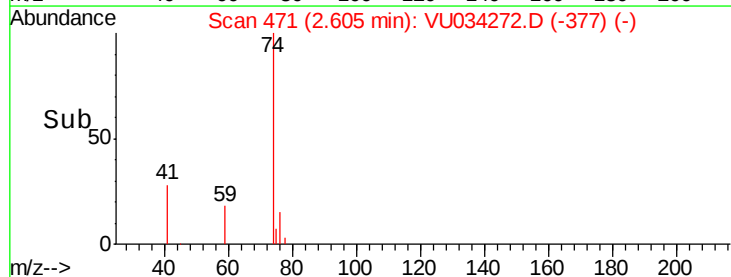
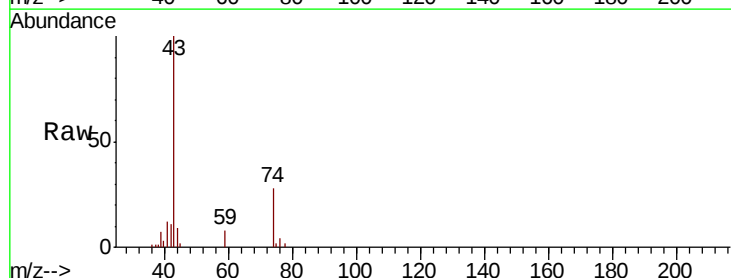
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

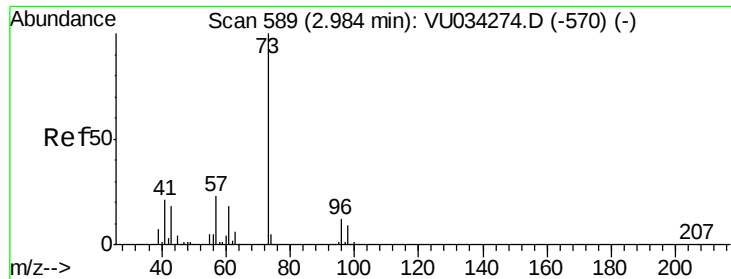
Tgt Ion: 76 Resp: 40518
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 5.996 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 43 Resp: 30375
Ion Ratio Lower Upper
43 100
74 24.8 18.9 28.3

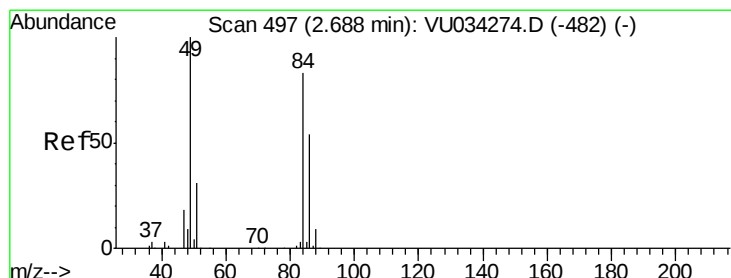
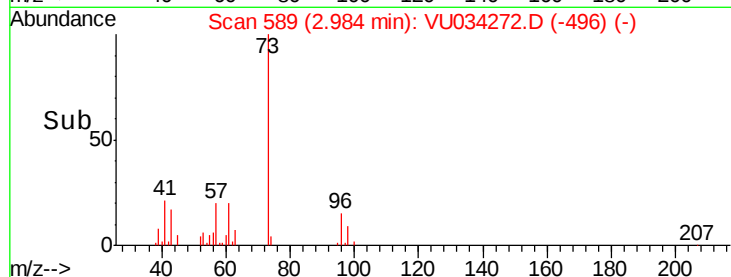
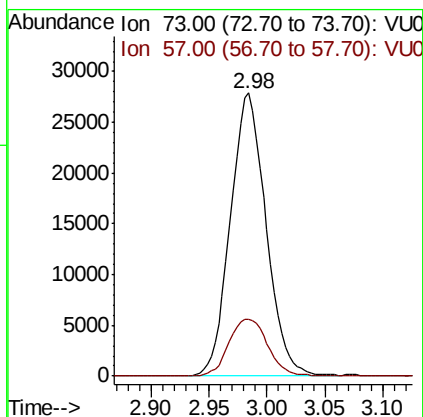
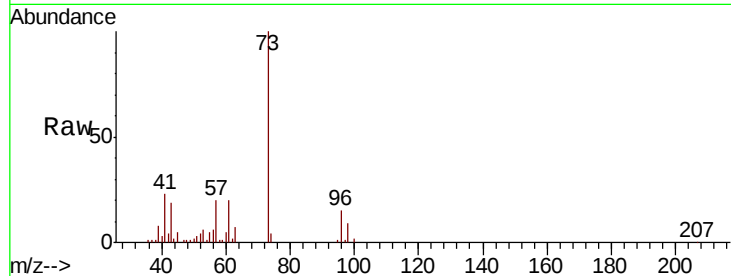




#19
Methyl tert-butyl Ether
Concen: 6.009 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

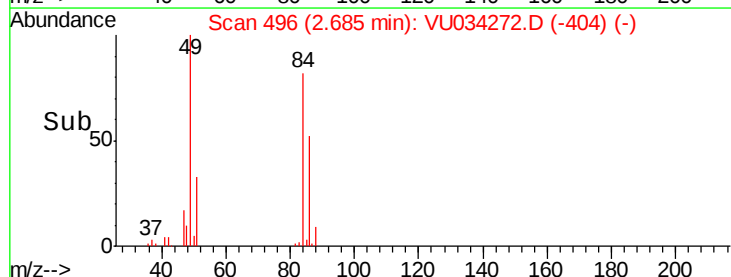
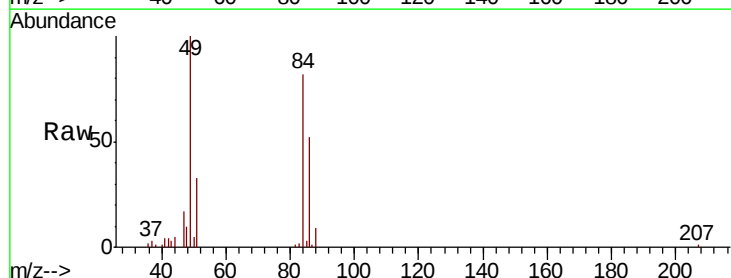
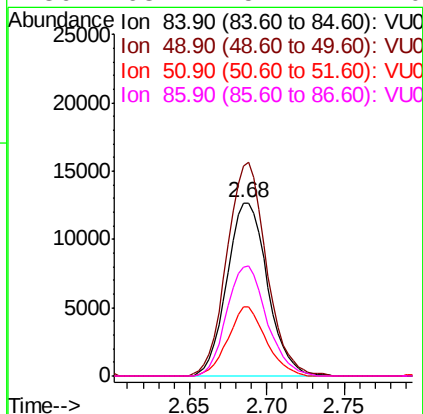
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

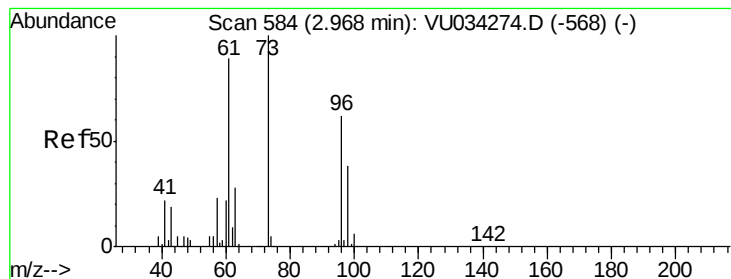
Tgt Ion: 73 Resp: 59450
Ion Ratio Lower Upper
73 100
57 20.3 18.2 27.4



#20
Methylene Chloride
Concen: 6.256 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 84 Resp: 23081
Ion Ratio Lower Upper
84 100
49 121.5 96.0 144.0
51 40.3 30.0 45.0
86 63.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 5.997 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

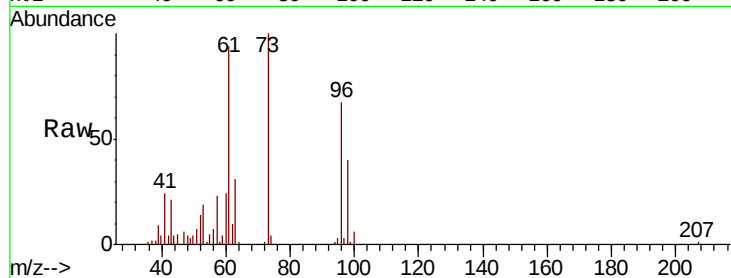
Tgt Ion: 96 Resp: 19109

Ion Ratio Lower Upper

96 100

61 141.7 114.8 172.2

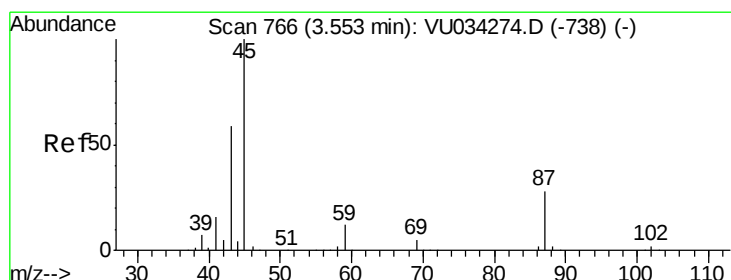
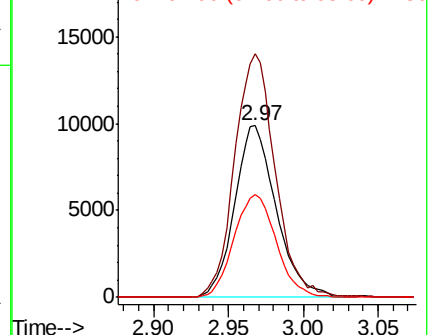
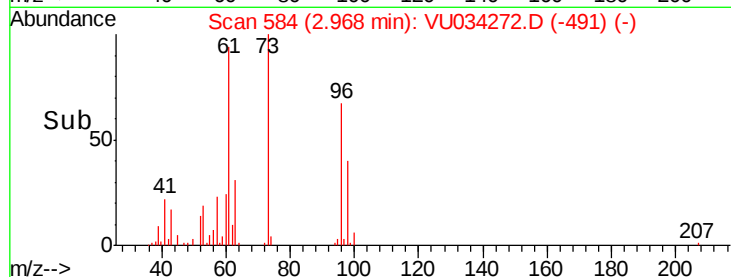
98 59.8 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034272.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034272.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034272.D (-491) (-)



#22

Diisopropyl ether

Concen: 6.000 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Tgt Ion: 45 Resp: 62297

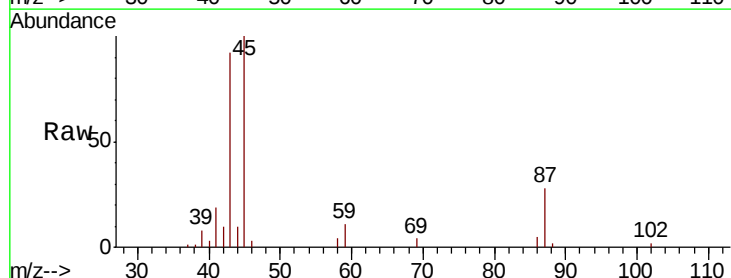
Ion Ratio Lower Upper

45 100

43 86.9 47.5 71.3#

87 28.2 22.2 33.4

59 11.0 9.4 14.2

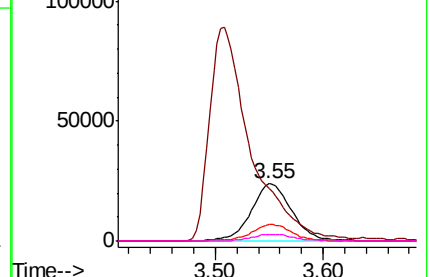
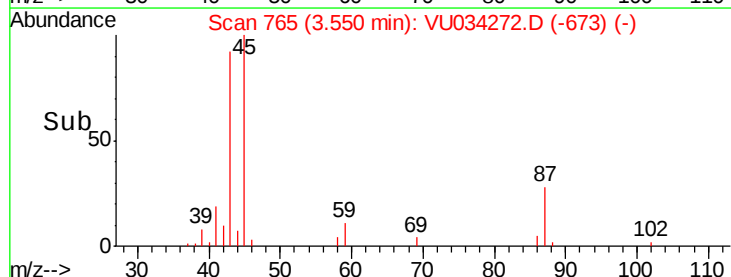


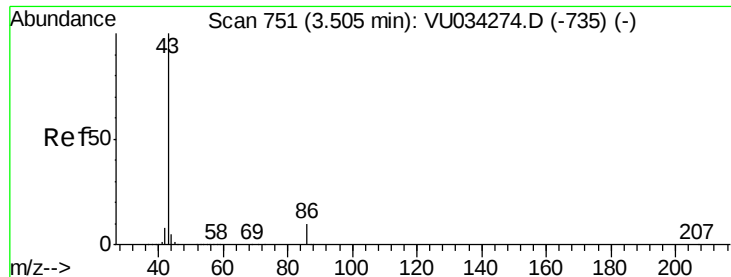
Abundance Ion 45.00 (44.70 to 45.70): VU034272.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034272.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034272.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034272.D (-673) (-)





#23

Vinyl Acetate

Concen: 26.859 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

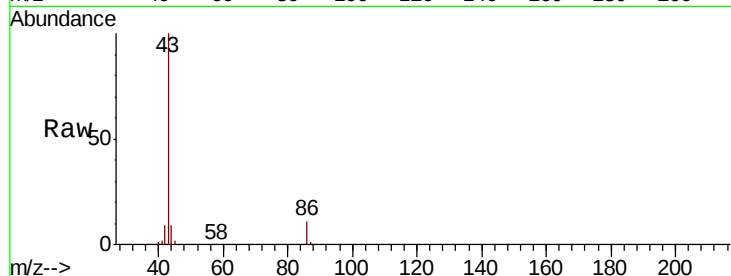
VSTDIC005

Tgt Ion: 43 Resp: 237386

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034272.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU034272.D (-658) (-)

3.51

100000

80000

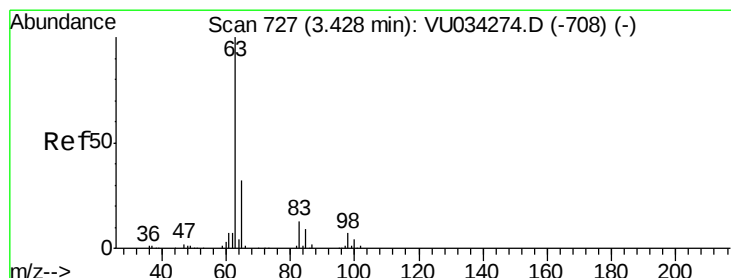
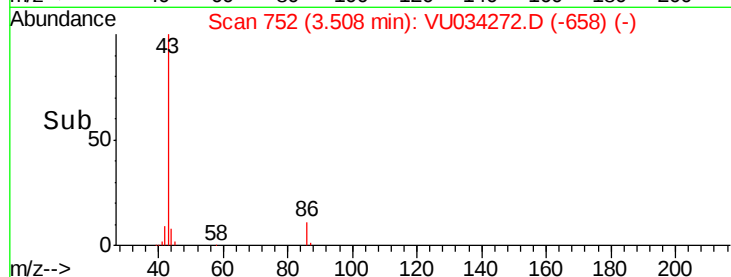
60000

40000

20000

0

Time--> 3.40 3.50 3.60



#24

1,1-Dichloroethane

Concen: 6.484 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

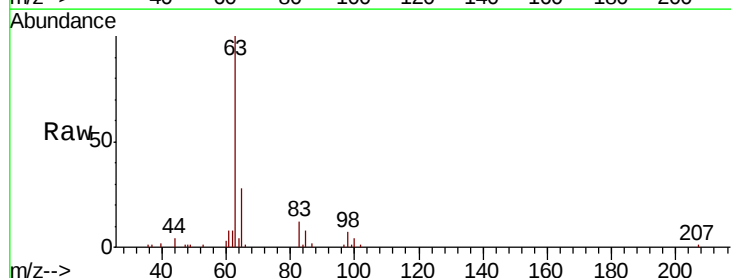
Tgt Ion: 63 Resp: 39553

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 3.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034272.D (-634) (-)

Ion 97.90 (97.60 to 98.60): VU034272.D (-634) (-)

Ion 99.90 (99.60 to 100.60): VU034272.D (-634) (-)

20000

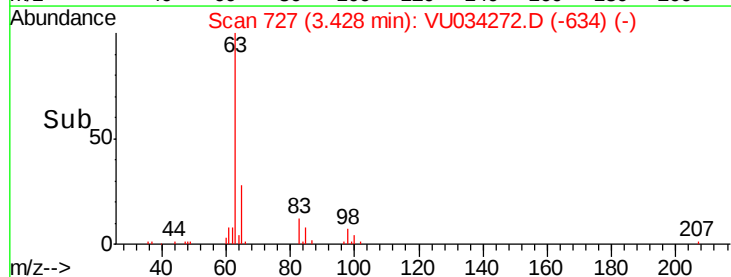
15000

10000

5000

0

Time--> 3.35 3.40 3.45 3.50 3.55





#25

2-Butanone

Concen: 29.702 ug/l

RT: 4.25 min Scan# 982

Delta R.T. 0.01 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

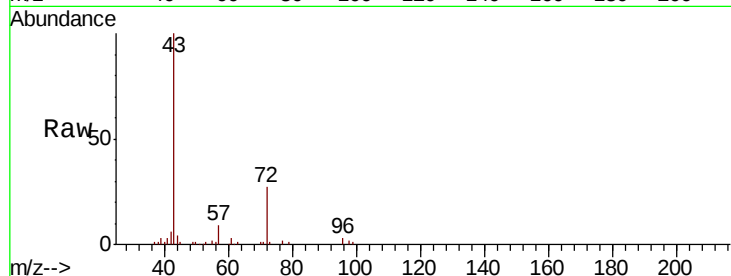
VSTDIC005

Tgt Ion: 43 Resp: 80942

Ion Ratio Lower Upper

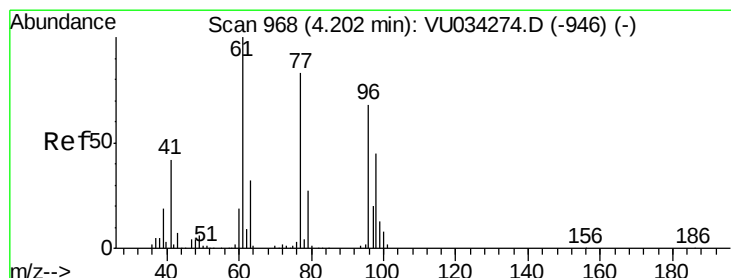
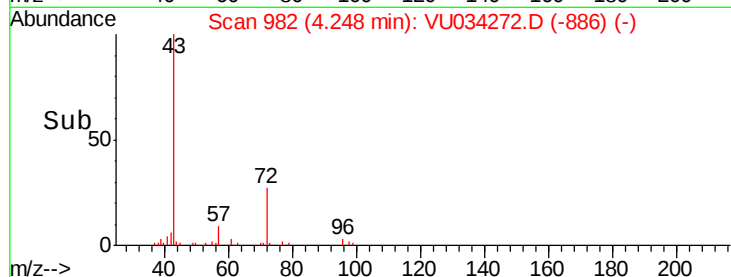
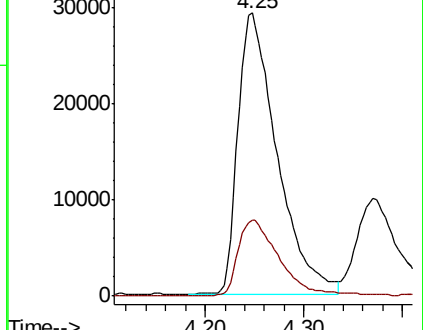
43 100

72 27.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034272.D (-982) (-)

Ion 72.00 (71.70 to 72.70): VU034272.D (-982) (-)



#26

2,2-Dichloropropane

Concen: 6.177 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034272.D

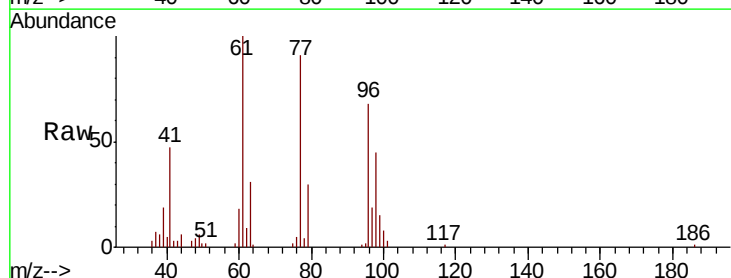
Acq: 05 Sep 2019 09:37

Tgt Ion: 77 Resp: 30621

Ion Ratio Lower Upper

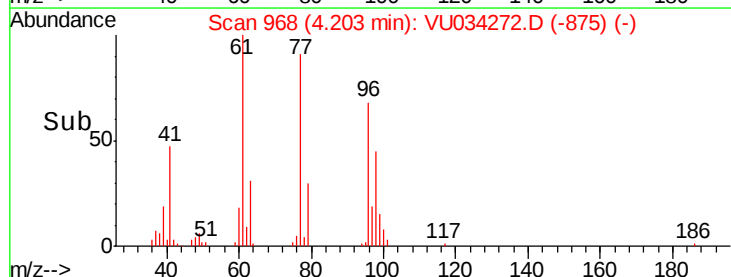
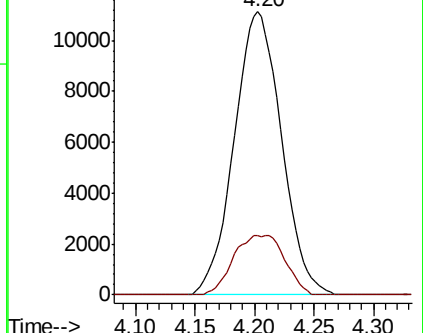
77 100

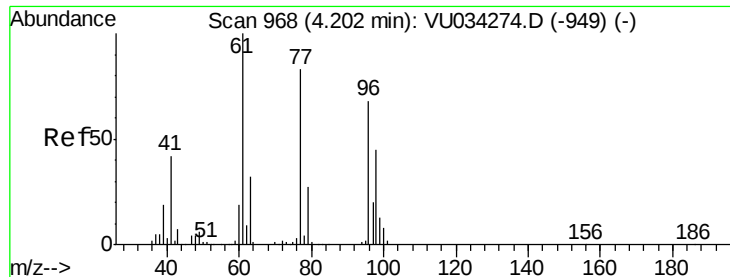
97 22.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034272.D (-968) (-)

Ion 96.90 (96.60 to 97.60): VU034272.D (-968) (-)





#27

cis-1,2-Dichloroethene

Concen: 6.063 ug/l

RT: 4.21 min Scan# 970

Delta R.T. 0.01 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

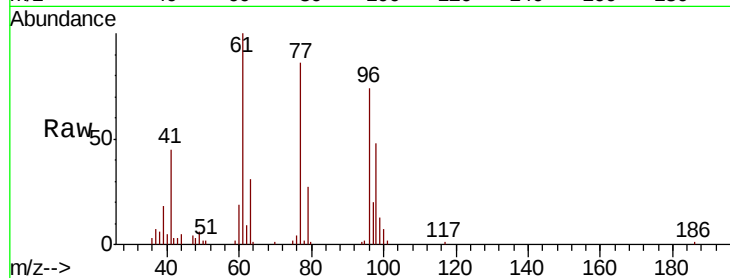
Tgt Ion: 96 Resp: 22067

Ion Ratio Lower Upper

96 100

61 143.6 0.0 297.4

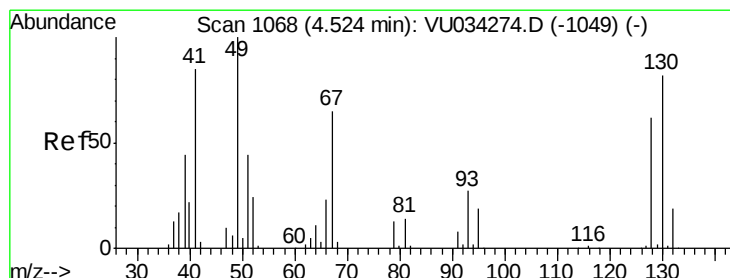
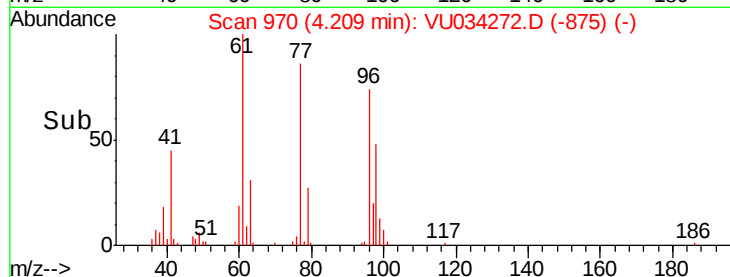
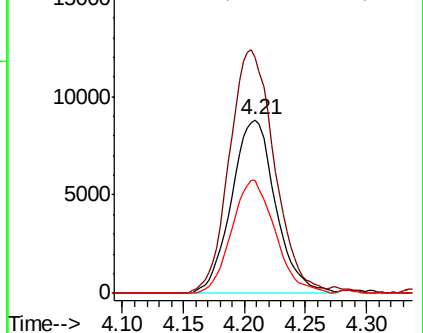
98 64.5 0.0 130.0



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: 6.185 ug/l

RT: 4.53 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

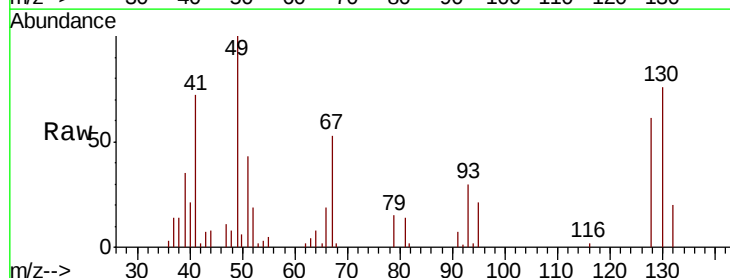
Tgt Ion: 49 Resp: 18700

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

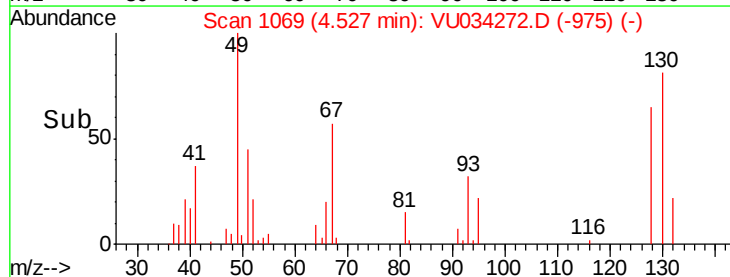
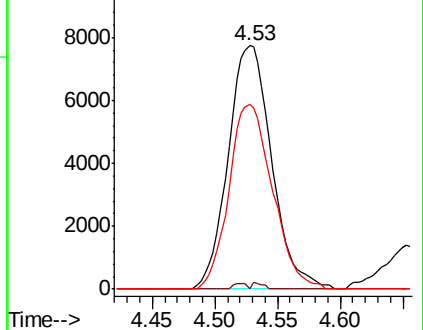
130 75.7 65.2 97.8

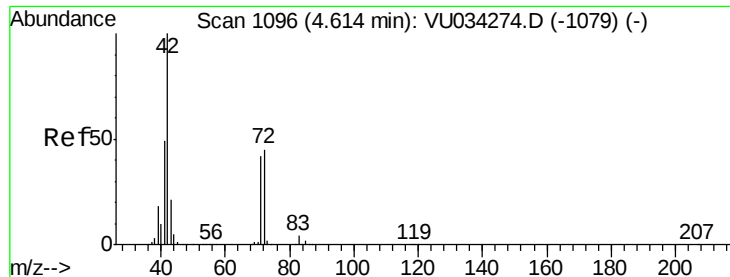


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 28.145 ug/l

RT: 4.62 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

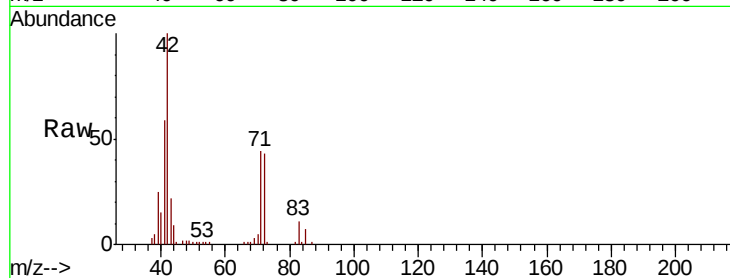
Tgt Ion: 42 Resp: 47312

Ion Ratio Lower Upper

42 100

72 43.4 36.6 54.8

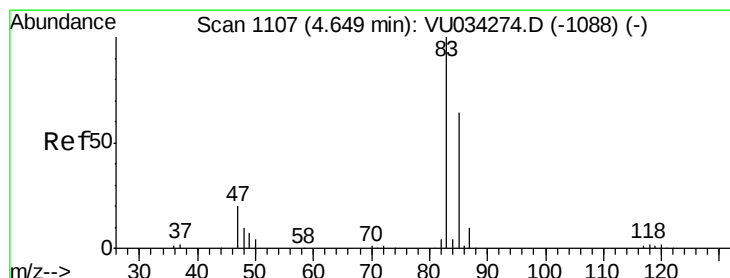
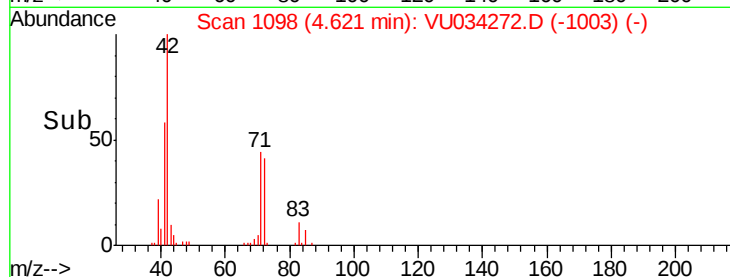
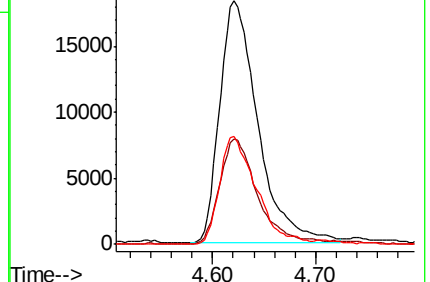
71 42.6 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034272.D (-1079) (-)

Ion 72.00 (71.70 to 72.70): VU034272.D (-1079) (-)

Ion 71.00 (70.70 to 71.70): VU034272.D (-1079) (-)



#30

Chloroform

Concen: 6.488 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034272.D

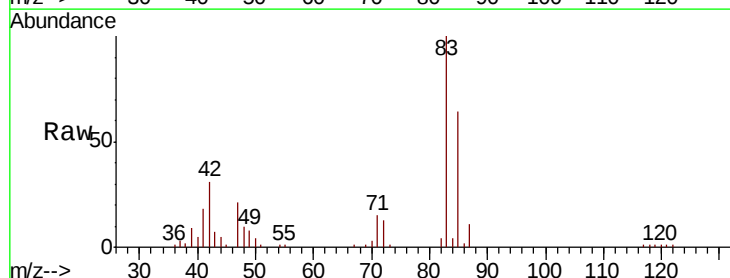
Acq: 05 Sep 2019 09:37

Tgt Ion: 83 Resp: 39792

Ion Ratio Lower Upper

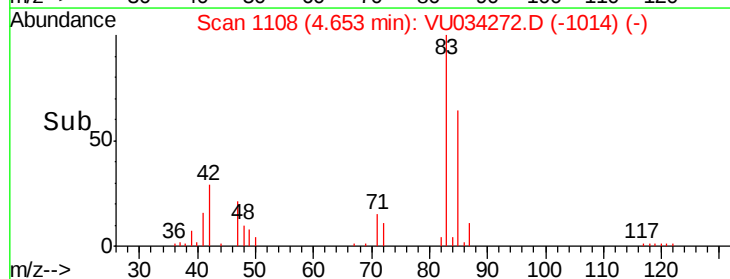
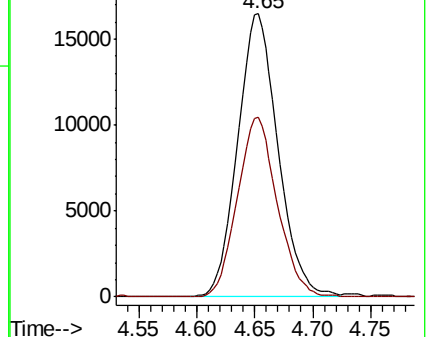
83 100

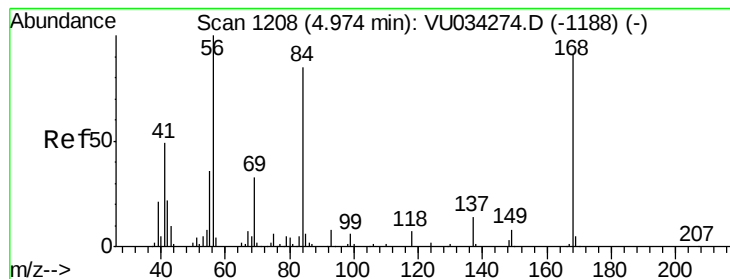
85 63.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034272.D (-1088) (-)

Ion 84.90 (84.60 to 85.60): VU034272.D (-1088) (-)





#31

Cyclohexane

Concen: 5.679 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

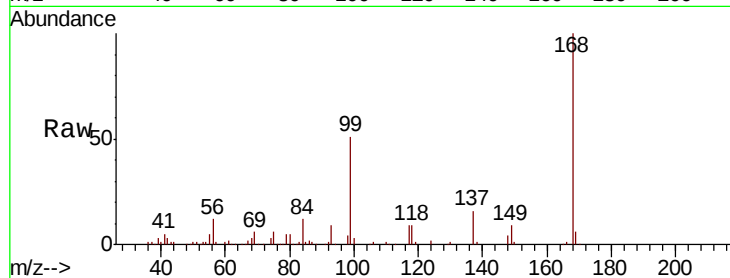
Tgt Ion: 56 Resp: 31201

Ion Ratio Lower Upper

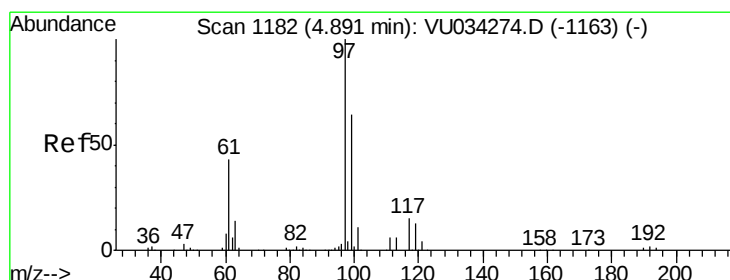
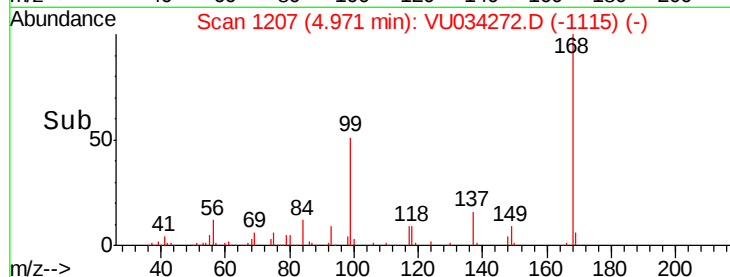
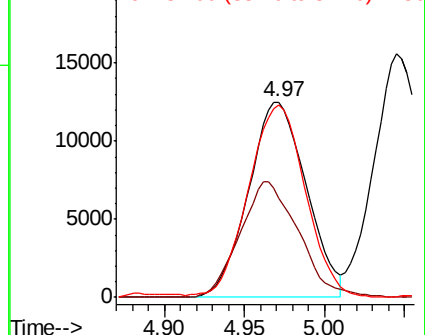
56 100

69 50.8 26.7 40.1#

84 97.0 68.2 102.4



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



#32

1,1,1-Trichloroethane

Concen: 6.403 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

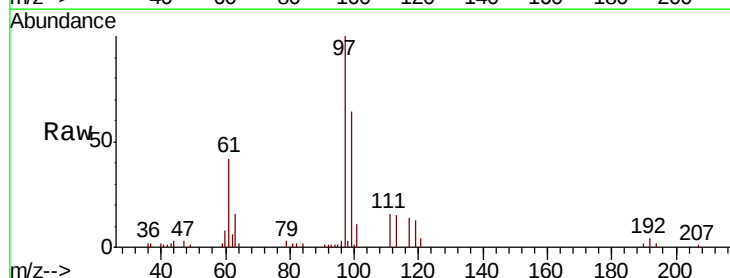
Tgt Ion: 97 Resp: 31941

Ion Ratio Lower Upper

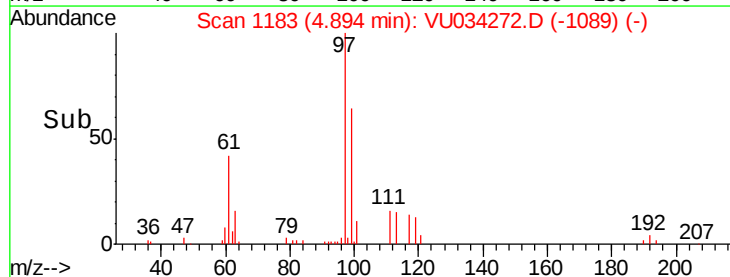
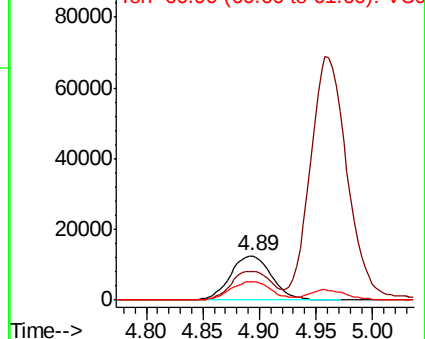
97 100

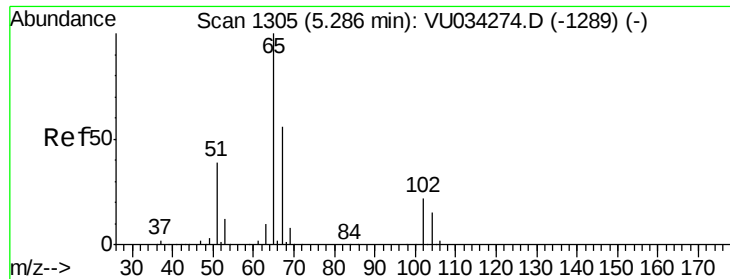
99 64.2 50.9 76.3

61 41.5 34.7 52.1



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

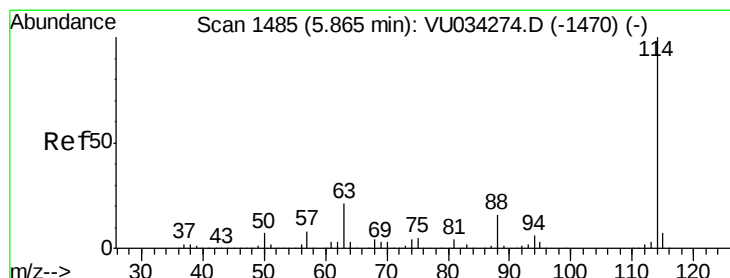
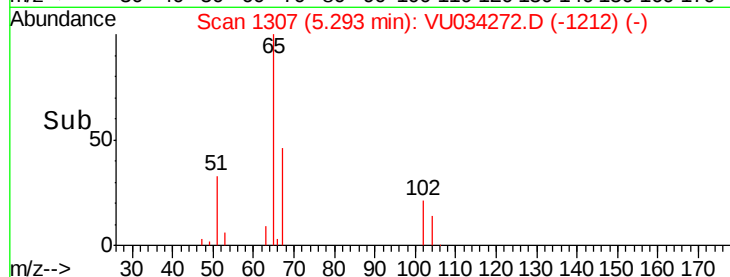
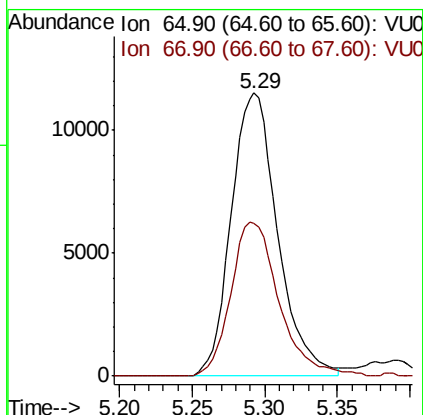
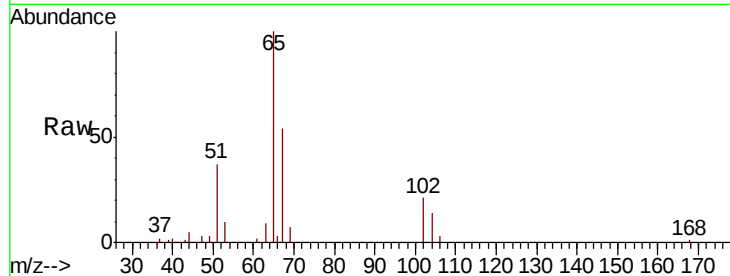




#33
 1,2-Dichloroethane-d4
 Concen: 6.541 ug/l
 RT: 5.29 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

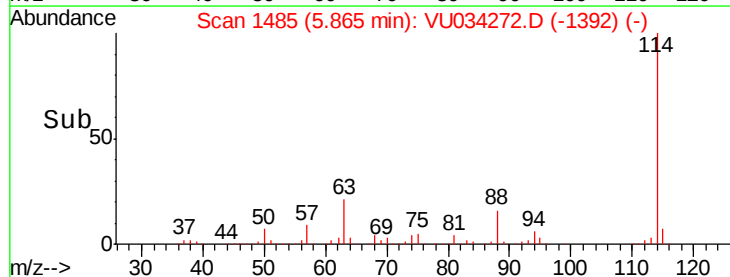
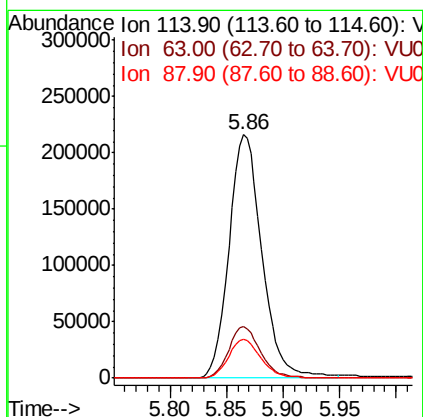
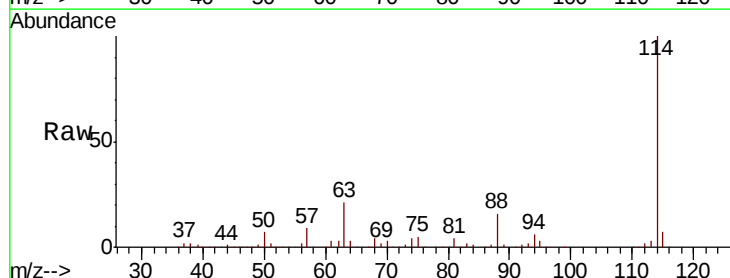
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

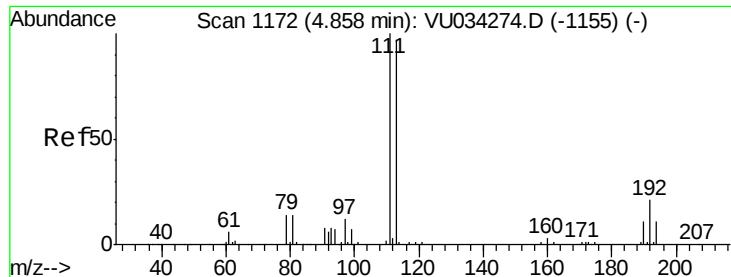
Tgt Ion: 65 Resp: 25628
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 114 Resp: 437791
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.9 0.0 32.4

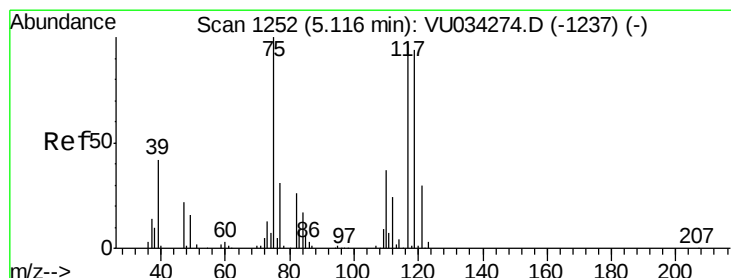
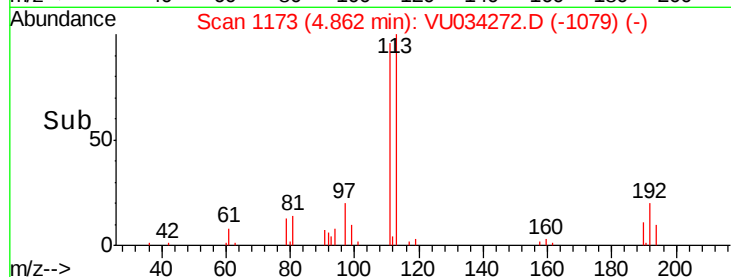
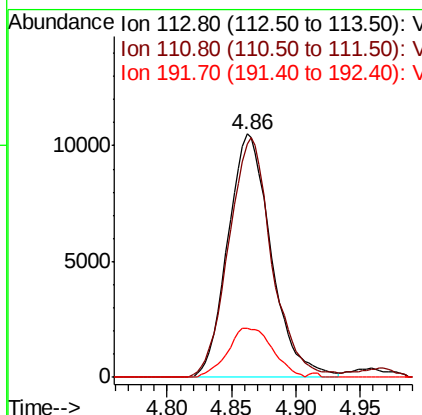
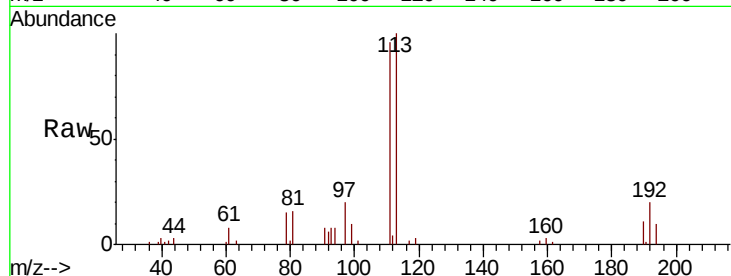




#35
 Dibromofluoromethane
 Concen: 7.657 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

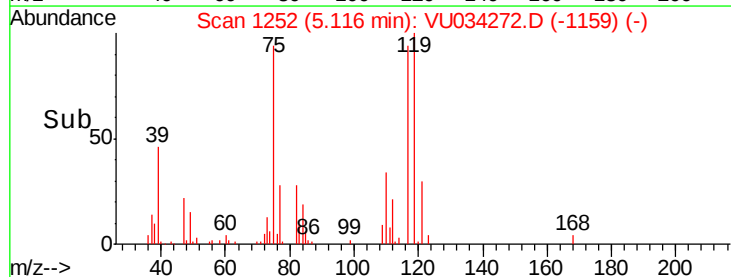
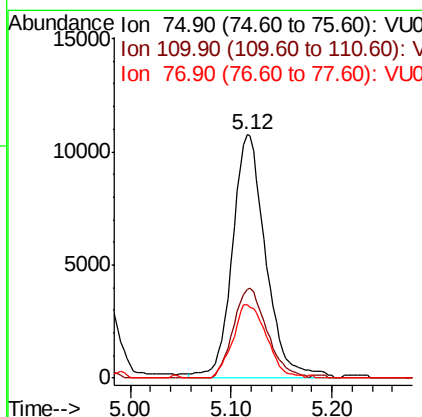
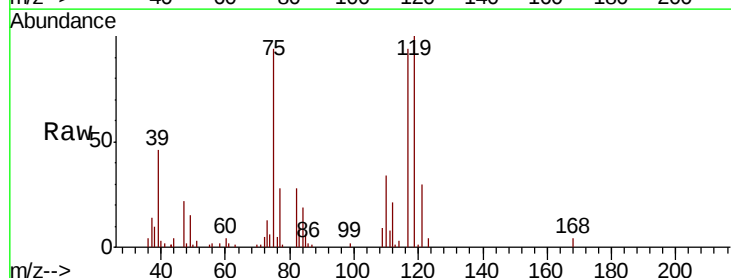
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

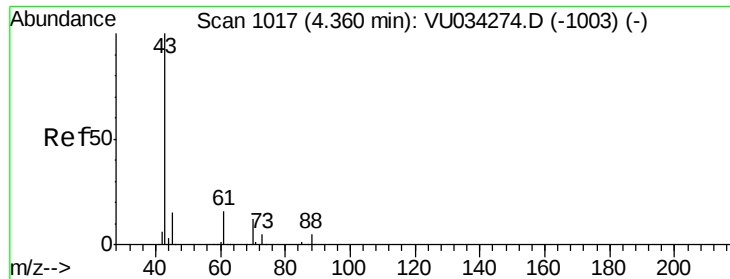
Tgt Ion: 113 Resp: 24581
 Ion Ratio Lower Upper
 113 100
 111 97.9 81.5 122.3
 192 20.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 5.964 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 75 Resp: 24730
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.3 54.9
 77 30.5 24.9 37.3

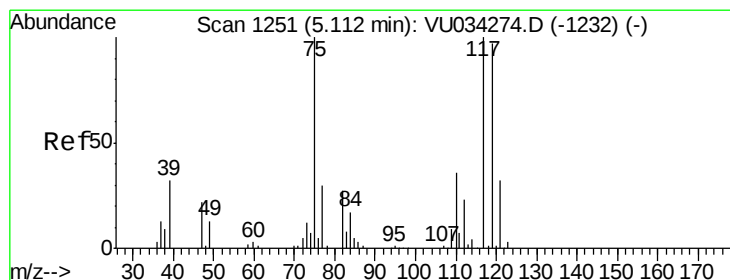
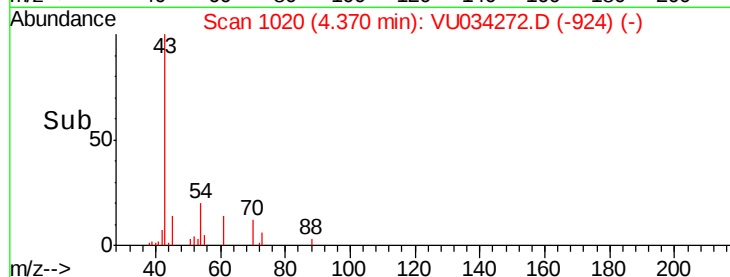
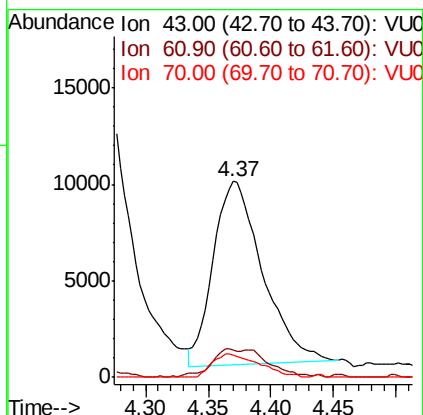
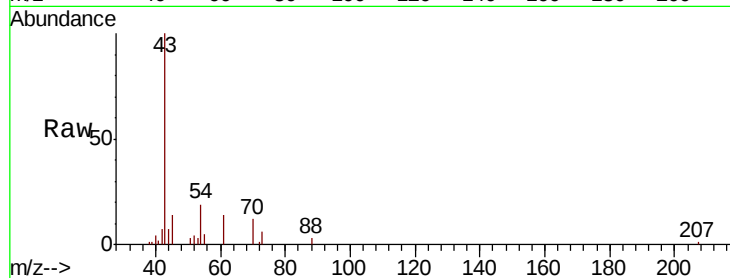




#37
Ethyl Acetate
Concen: 5.502 ug/l
RT: 4.37 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

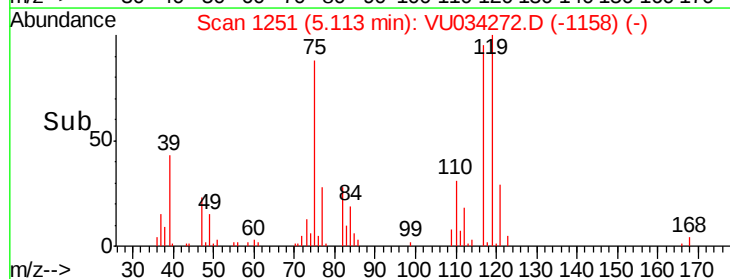
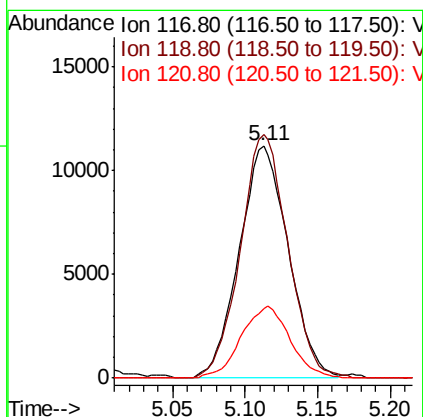
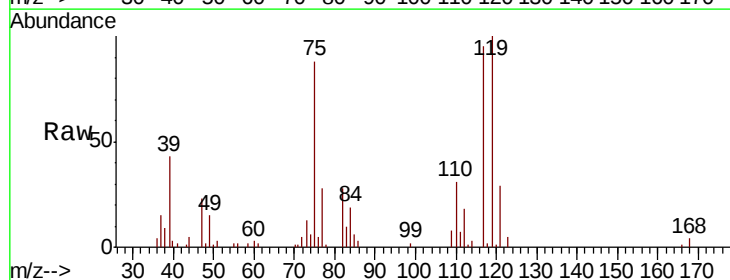
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 25907
Ion Ratio Lower Upper
43 100
61 8.3 12.3 18.5#
70 12.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 6.470 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 117 Resp: 26360
Ion Ratio Lower Upper
117 100
119 104.7 77.8 116.6
121 29.9 25.2 37.8

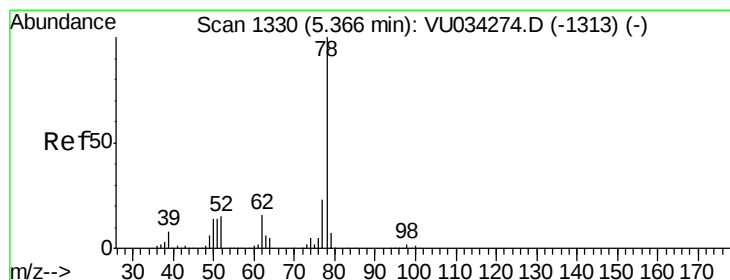
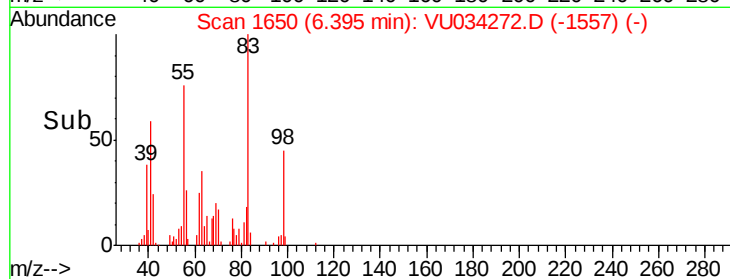
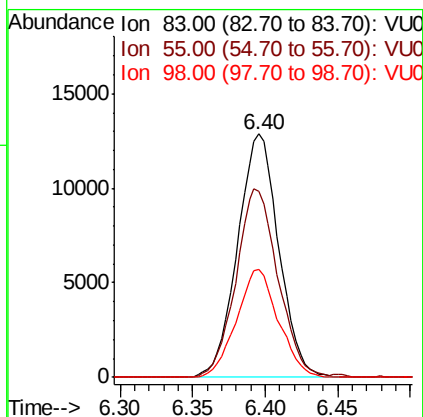
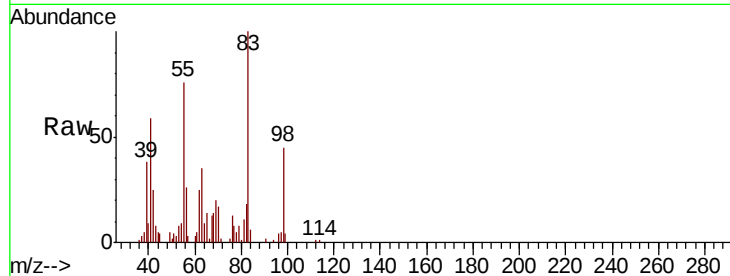




#39
Methylcyclohexane
Concen: 5.298 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

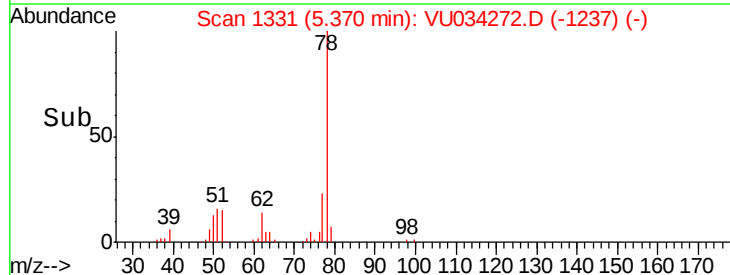
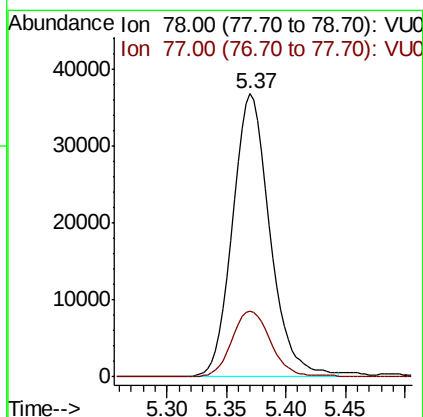
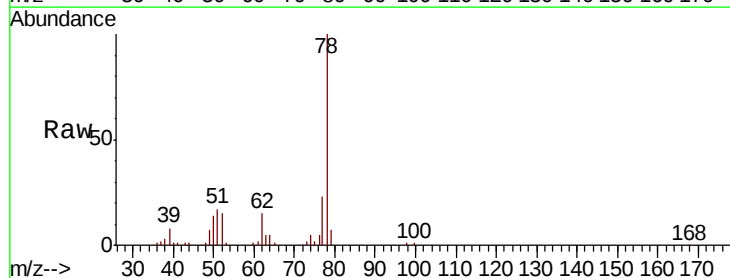
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

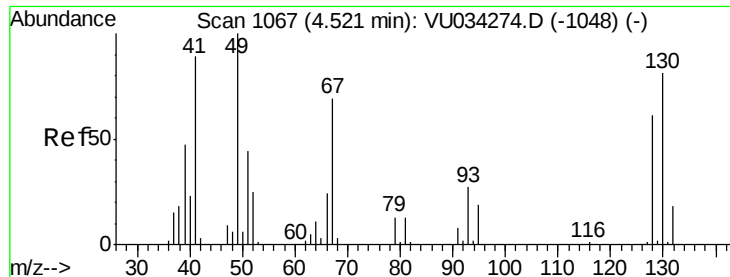
Tgt Ion: 83 Resp: 25445
Ion Ratio Lower Upper
83 100
55 76.1 62.1 93.1
98 44.5 37.0 55.6



#40
Benzene
Concen: 6.314 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 78 Resp: 80283
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

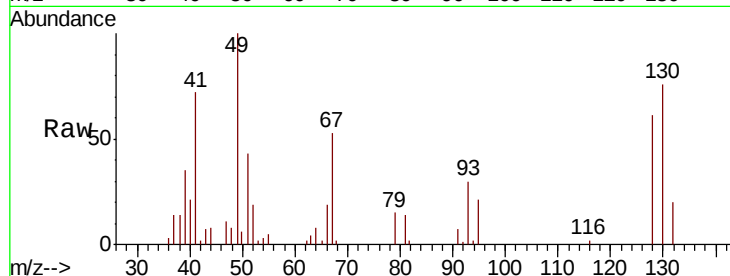




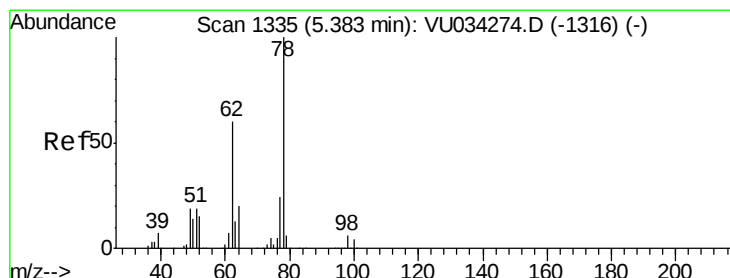
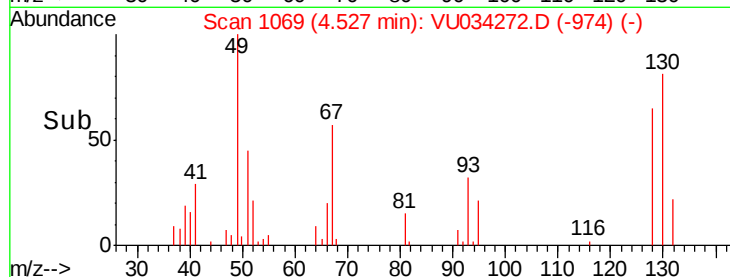
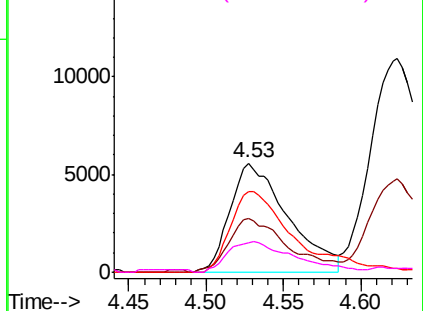
#41
Methacrylonitrile
Concen: 5.937 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	14486
Ion	Ratio	Lower	Upper
41	100		
39	50.6	41.0	61.4
67	81.9	62.4	93.6
52	32.2	23.6	35.4

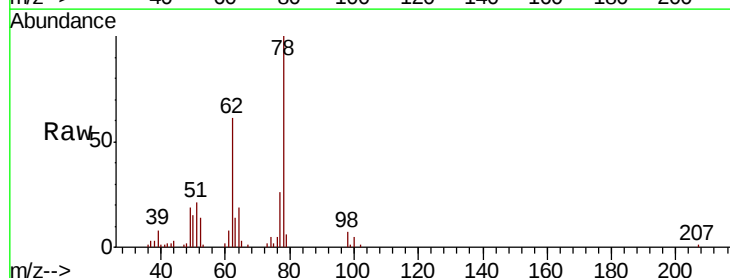


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

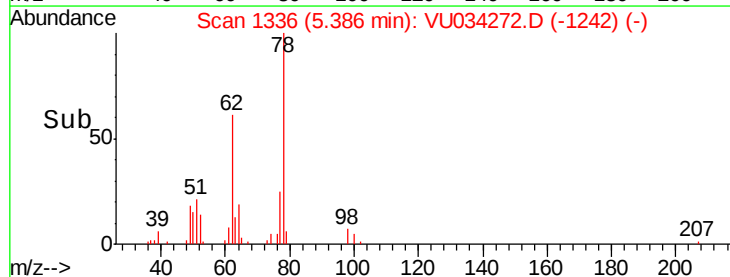
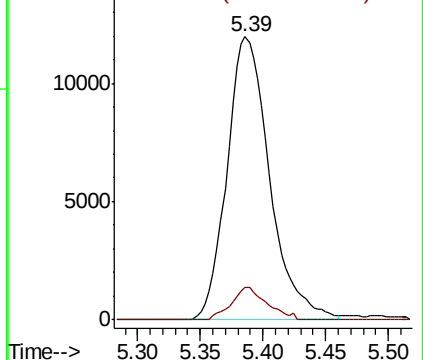


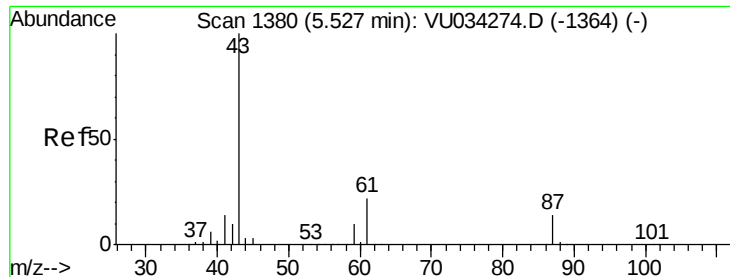
#42
1,2-Dichloroethane
Concen: 6.454 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion:	62	Resp:	28309
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 5.963 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

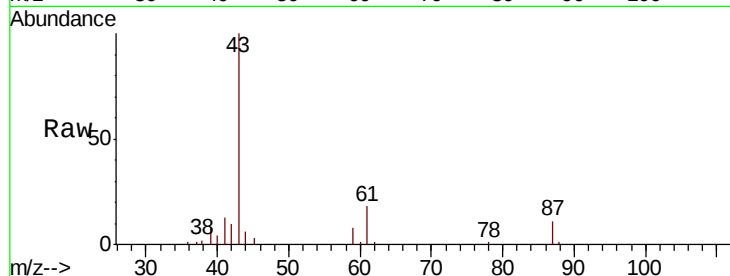
Tgt Ion: 43 Resp: 42939

Ion Ratio Lower Upper

43 100

61 20.3 17.1 25.7

87 12.4 11.1 16.7



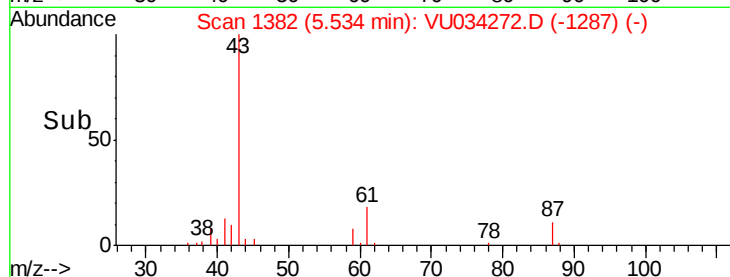
Abundance Ion 43.00 (42.70 to 43.70): VU034272.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034272.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034272.D (-1287) (-)

5.53

Time-->



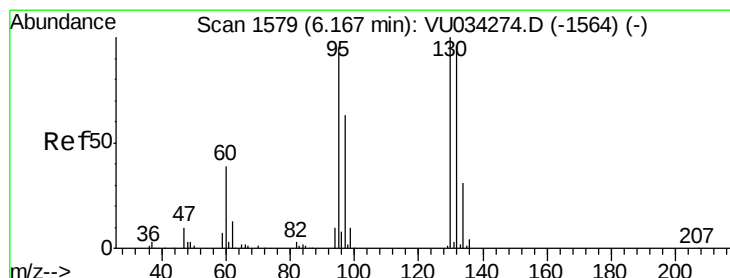
Abundance Ion 43.00 (42.70 to 43.70): VU034272.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034272.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034272.D (-1287) (-)

5.53

Time-->



#44

Trichloroethene

Concen: 6.852 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034272.D

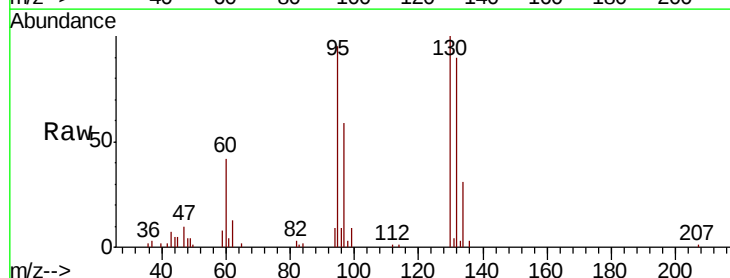
Acq: 05 Sep 2019 09:37

Tgt Ion: 130 Resp: 23119

Ion Ratio Lower Upper

130 100

95 95.2 0.0 189.2

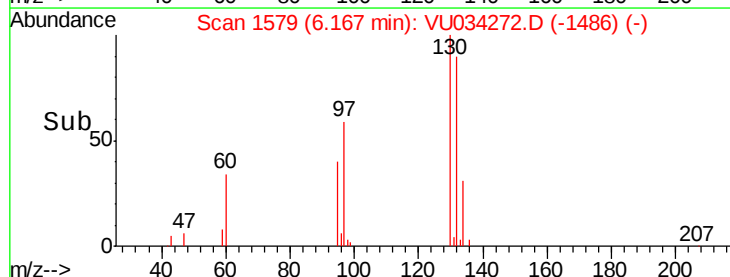


Abundance Ion 129.80 (129.50 to 130.50): VU034272.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034272.D (-1486) (-)

6.17

Time-->

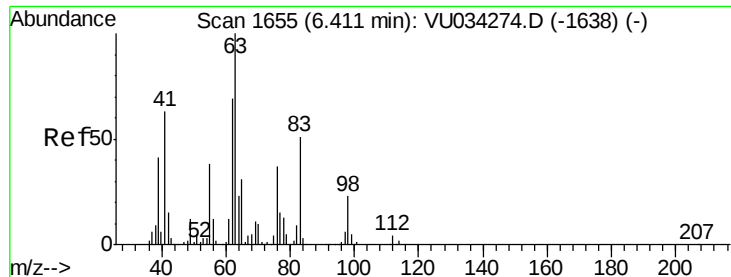


Abundance Ion 129.80 (129.50 to 130.50): VU034272.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034272.D (-1486) (-)

6.17

Time-->



#45

1,2-Dichloropropane

Concen: 6.640 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

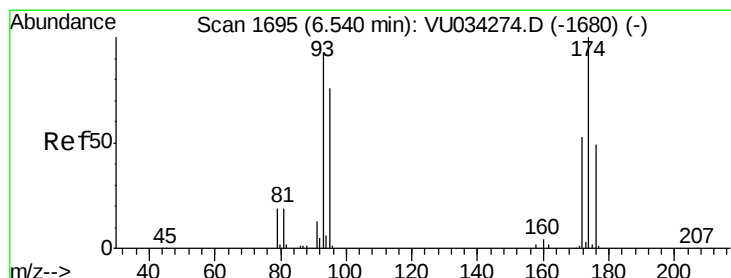
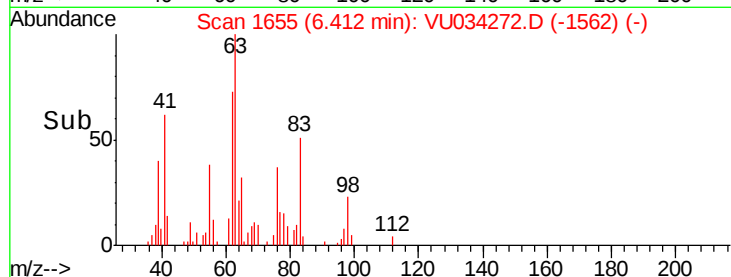
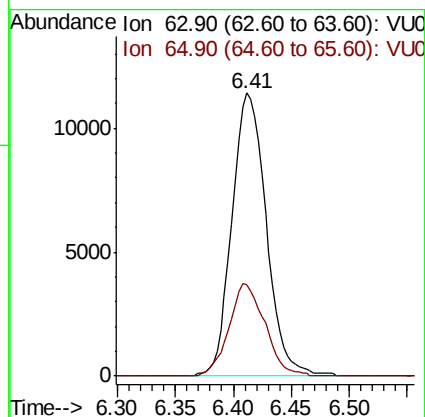
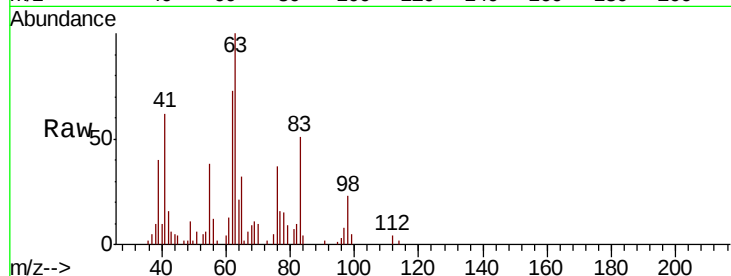
VSTDIC005

Tgt Ion: 63 Resp: 23466

Ion Ratio Lower Upper

63 100

65 32.3 24.6 37.0



#46

Dibromomethane

Concen: 6.612 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

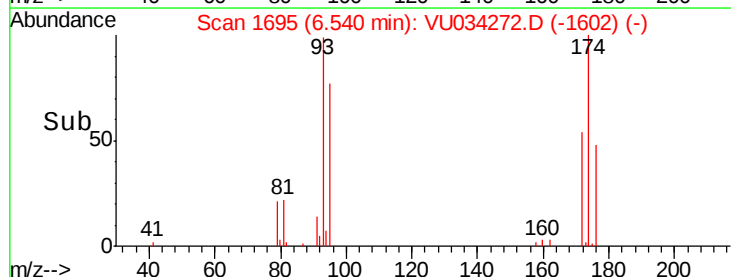
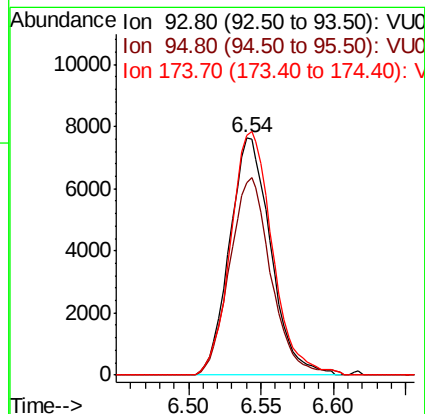
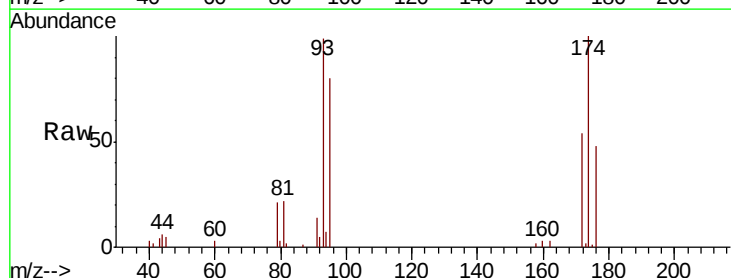
Tgt Ion: 93 Resp: 15033

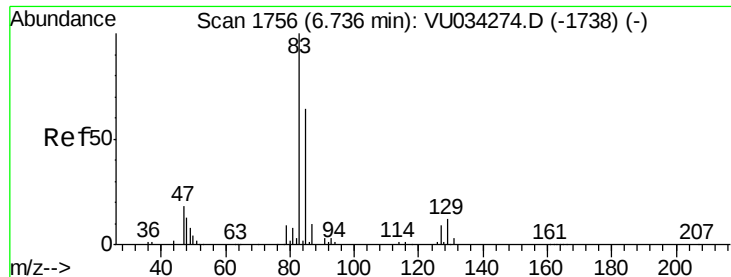
Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

174 103.9 87.8 131.6





#47

Bromodichloromethane

Concen: 6.619 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

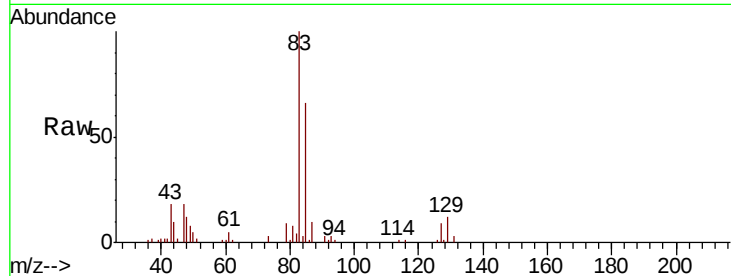
Tgt Ion: 83 Resp: 29674

Ion Ratio Lower Upper

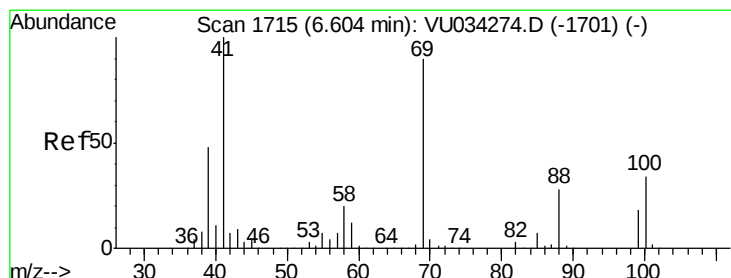
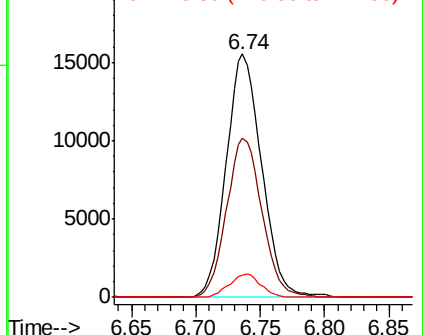
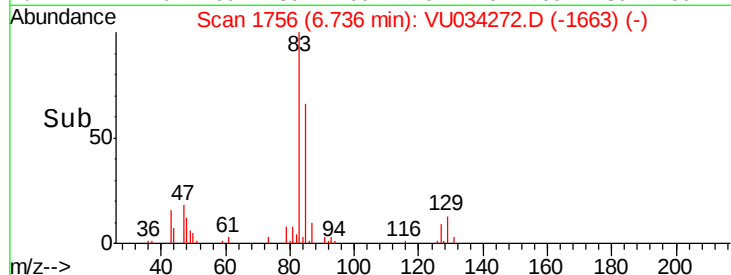
83 100

85 65.5 51.1 76.7

127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034272.D (-1663) (-)



#48

Methyl methacrylate

Concen: 5.231 ug/l

RT: 6.61 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

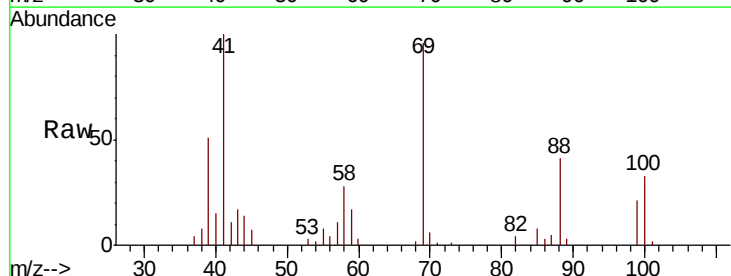
Tgt Ion: 41 Resp: 18044

Ion Ratio Lower Upper

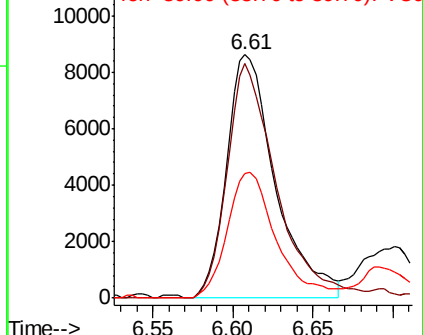
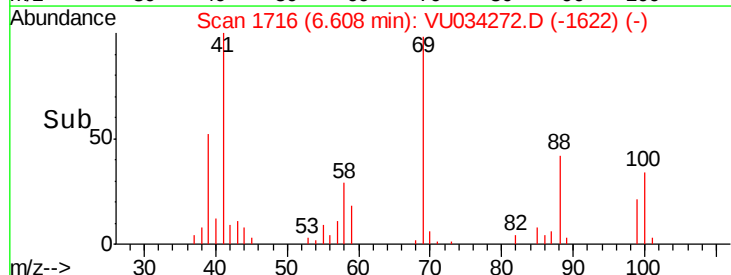
41 100

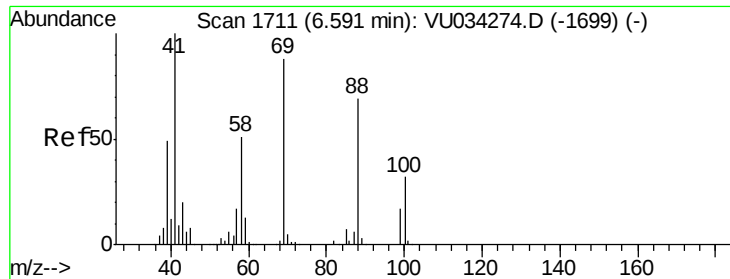
69 96.9 72.8 109.2

39 51.2 38.6 58.0



Abundance Ion 41.00 (40.70 to 41.70): VU034272.D (-1622) (-)

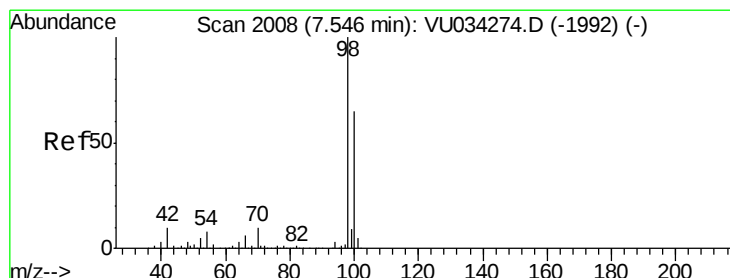
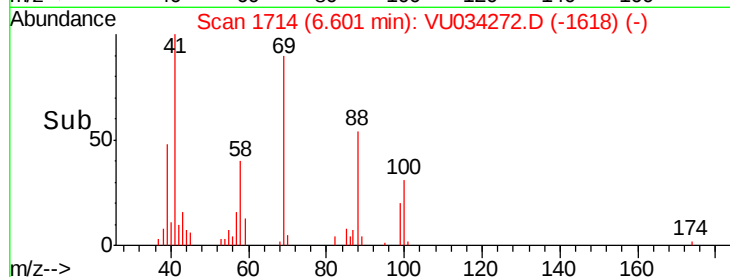
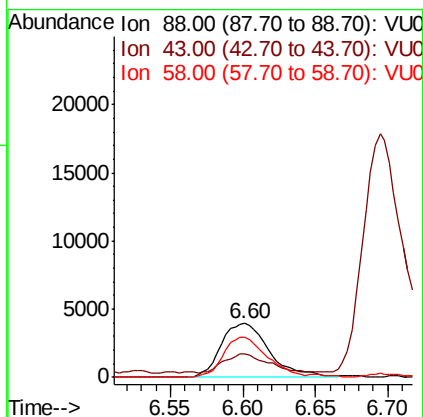
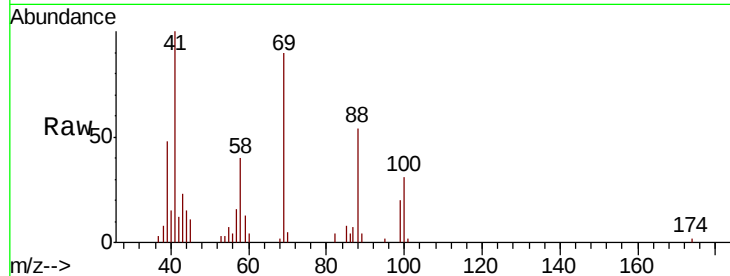




#49
1,4-Dioxane
Concen: 108.092 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

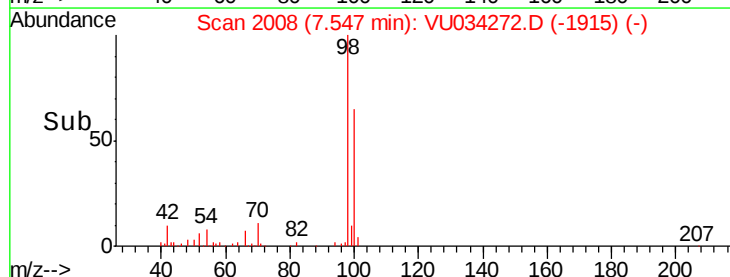
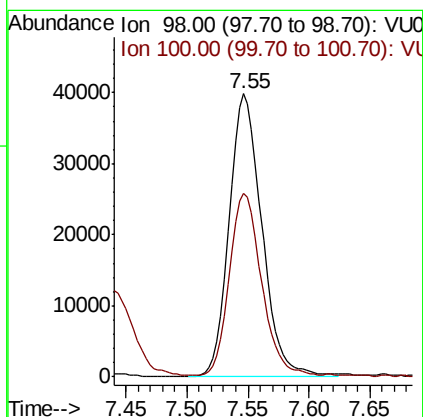
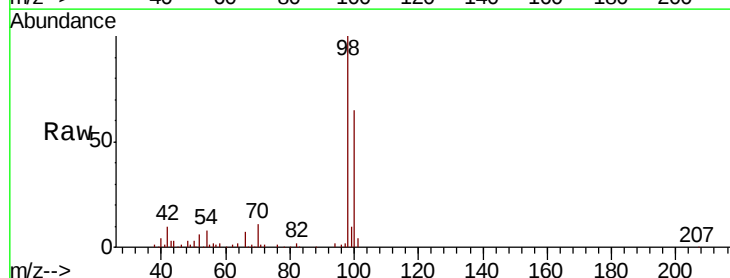
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

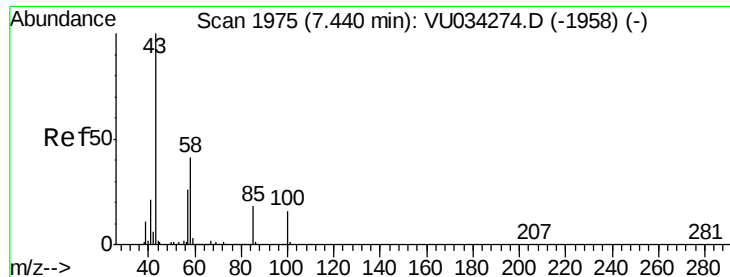
Tgt Ion: 88 Resp: 9154
Ion Ratio Lower Upper
88 100
43 30.7 23.8 35.6
58 66.6 58.4 87.6



#50
Toluene-d8
Concen: 6.183 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 98 Resp: 74770
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

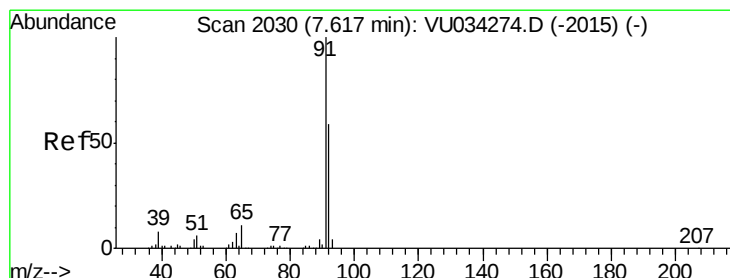
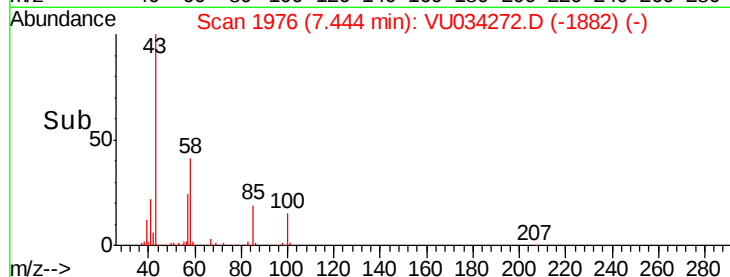
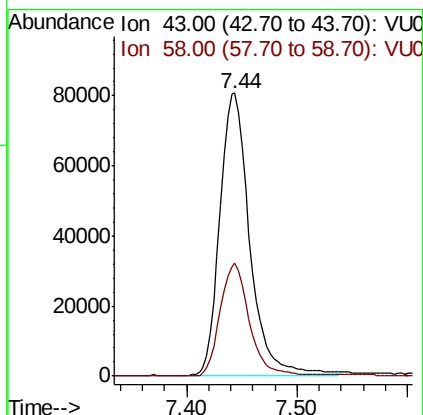
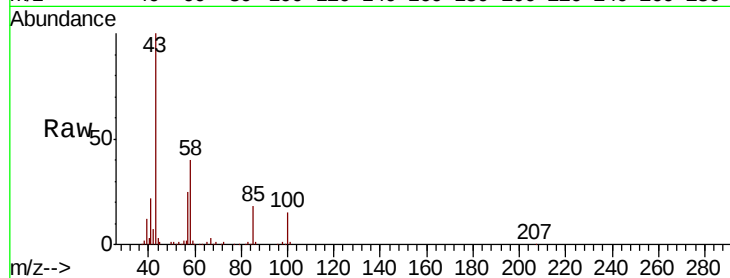




#51
 4-Methyl-2-Pentanone
 Concen: 30.256 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

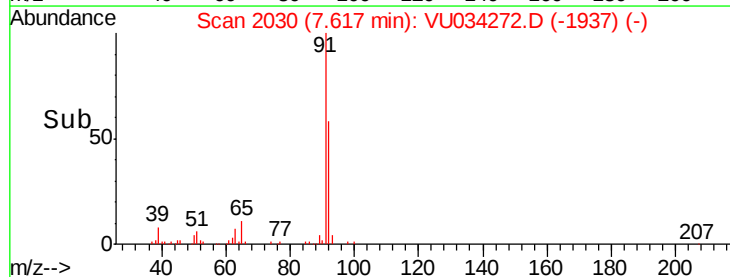
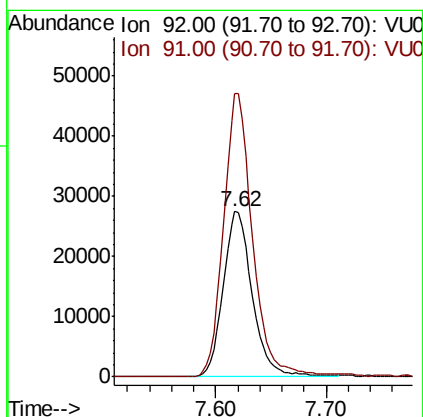
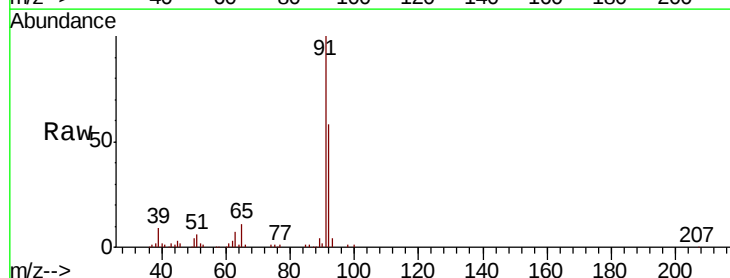
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

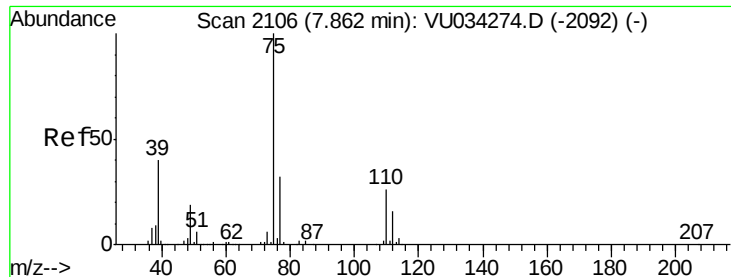
Tgt Ion: 43 Resp: 150962
 Ion Ratio Lower Upper
 43 100
 58 39.5 33.0 49.4



#52
 Toluene
 Concen: 6.408 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 92 Resp: 50455
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 5.884 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

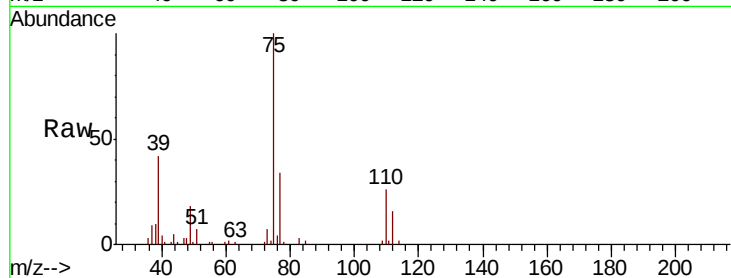
VSTDIC005

Tgt Ion: 75 Resp: 28926

Ion Ratio Lower Upper

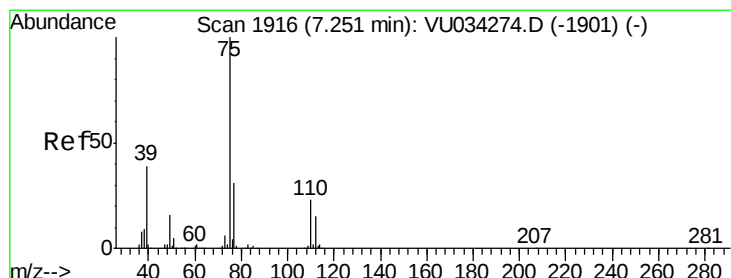
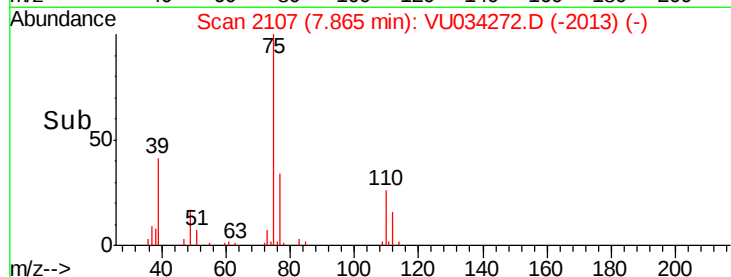
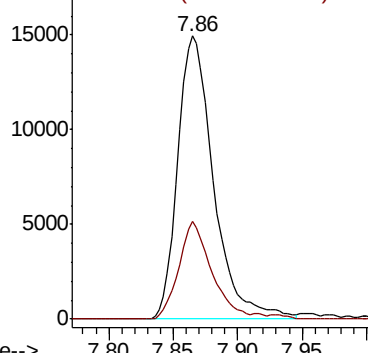
75 100

77 34.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 5.977 ug/l

RT: 7.25 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

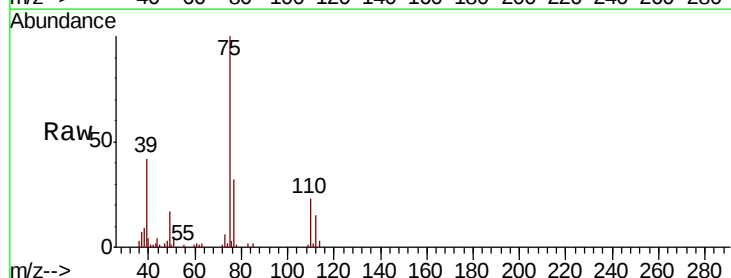
Tgt Ion: 75 Resp: 32214

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

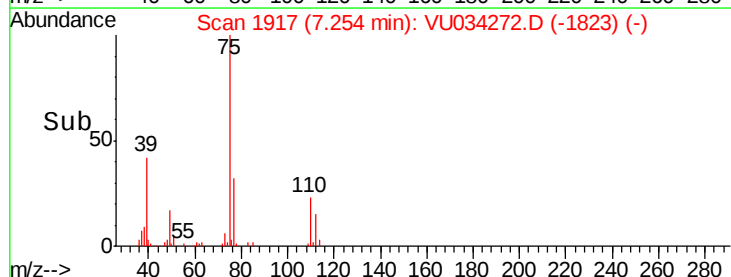
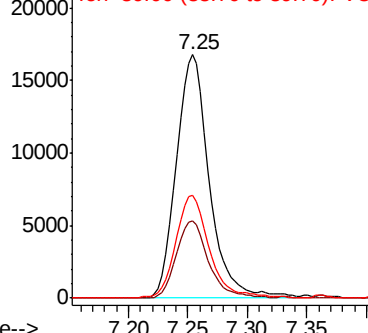
39 42.5 31.2 46.8

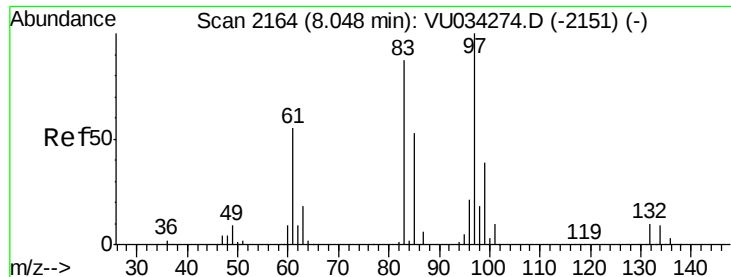


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

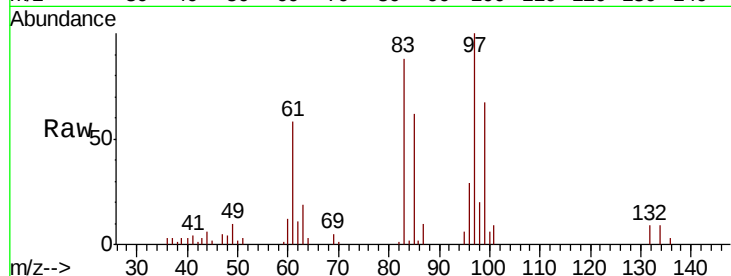




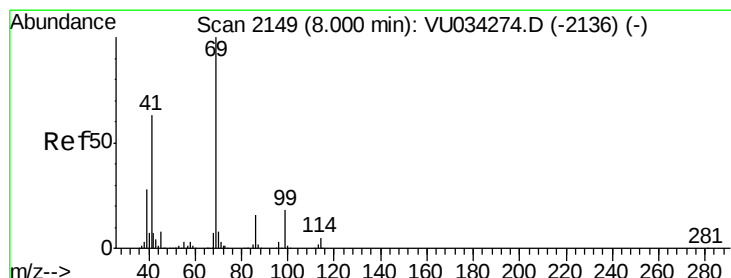
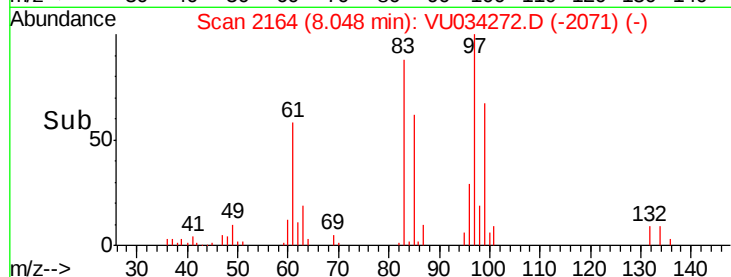
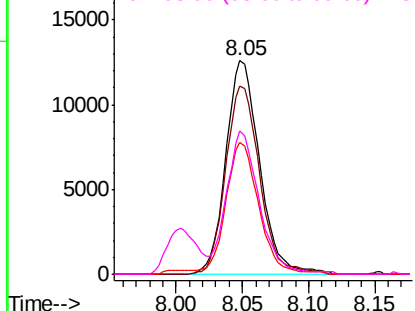
#55
 1,1,2-Trichloroethane
 Concen: 6.613 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	22332
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.0	103.6
85	61.8	44.2	66.2
99	67.0	49.4	74.0

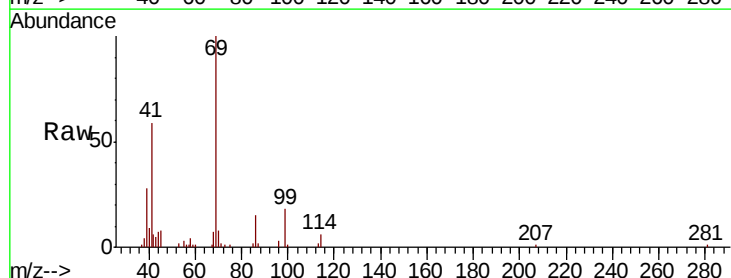


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

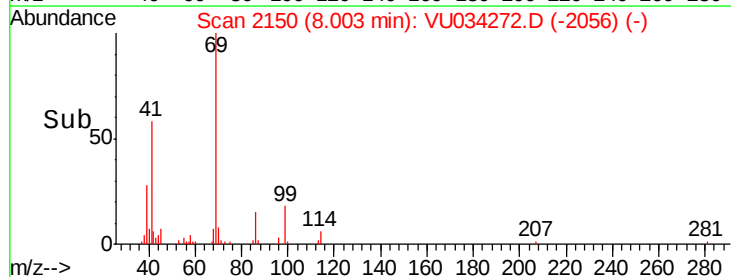
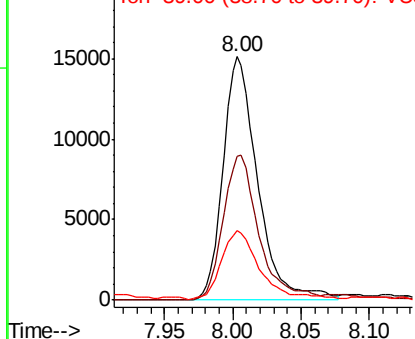


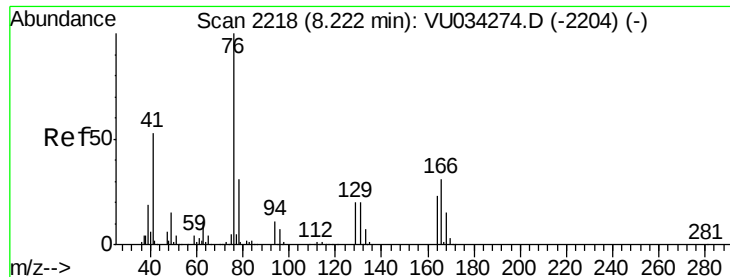
#56
 Ethyl methacrylate
 Concen: 5.354 ug/l
 RT: 8.00 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:	69	Resp:	26680
Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.5	74.3
39	32.2	22.5	33.7



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





#57

1,3-Dichloropropane

Concen: 6.485 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

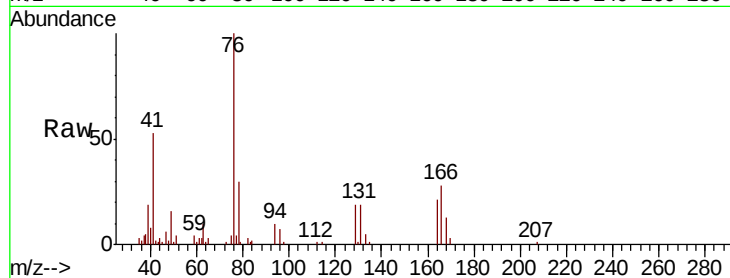
VSTDIC005

Tgt Ion: 76 Resp: 36904

Ion Ratio Lower Upper

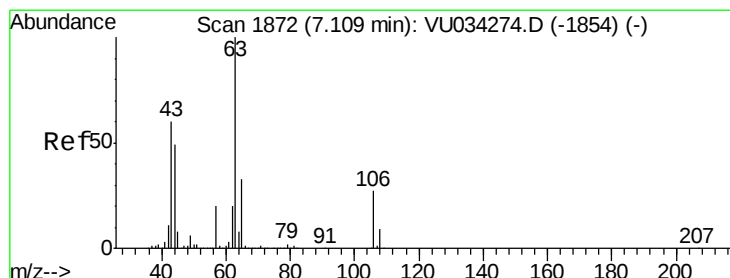
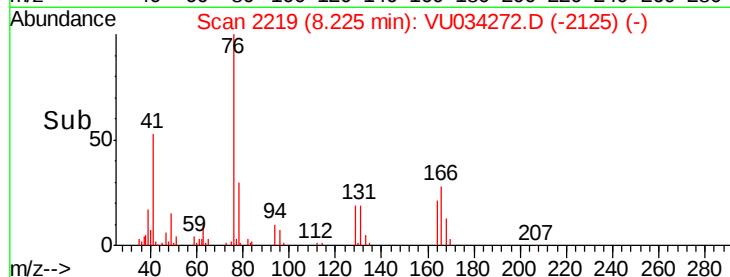
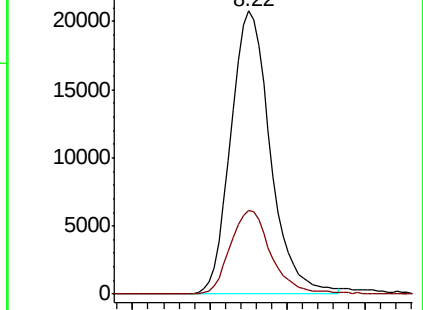
76 100

78 30.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034272.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034272.D (-2204) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 22.880 ug/l

RT: 7.11 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VU034272.D

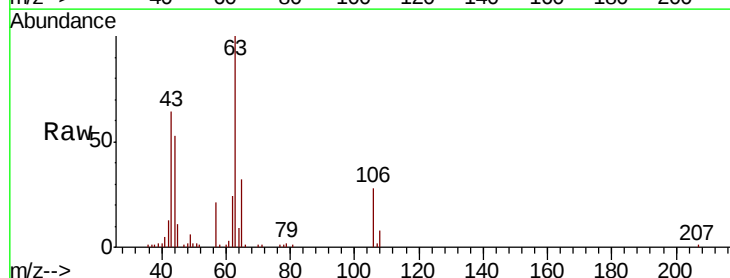
Acq: 05 Sep 2019 09:37

Tgt Ion: 63 Resp: 41164

Ion Ratio Lower Upper

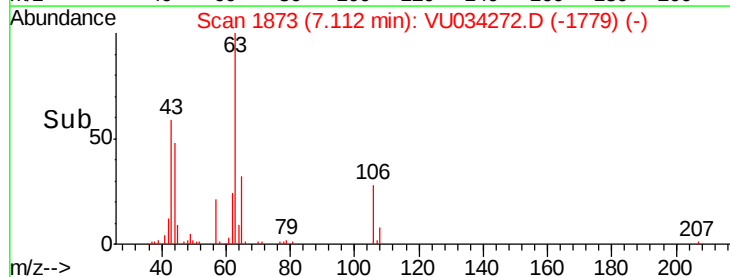
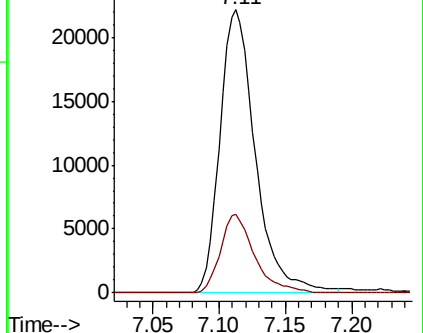
63 100

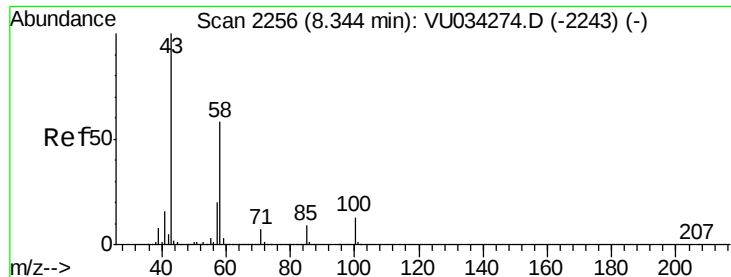
106 26.6 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034272.D (-1779) (-)

Ion 105.90 (105.60 to 106.60): VU034272.D (-1779) (-)

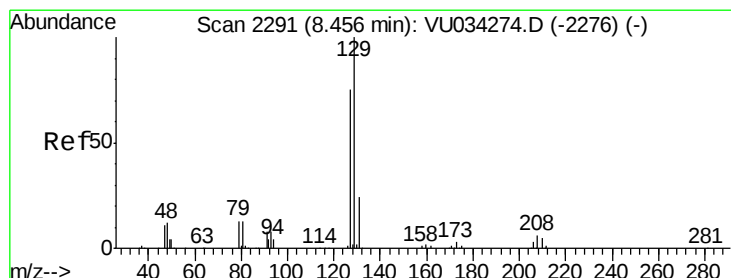
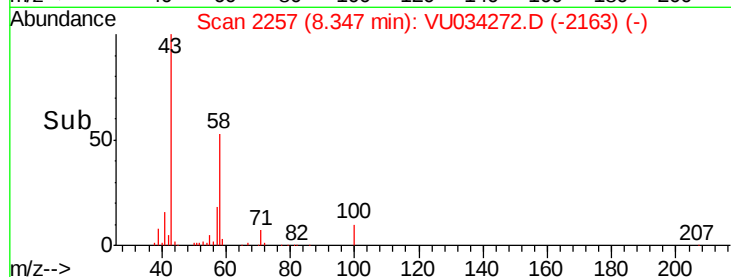
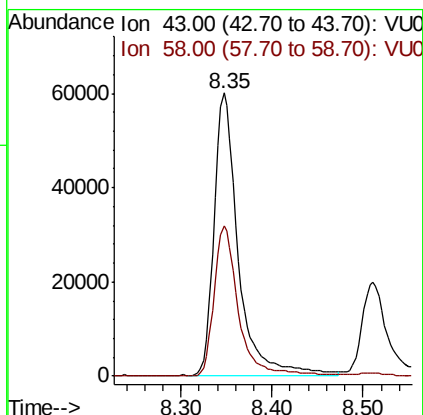
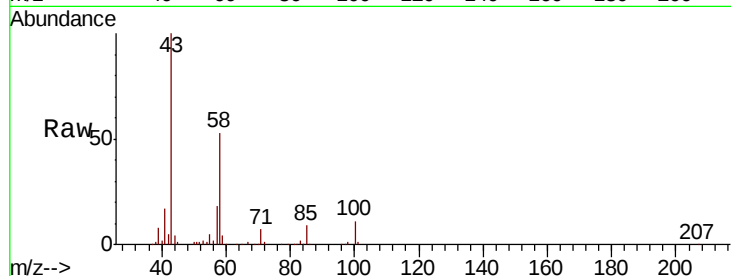




#59
2-Hexanone
Concen: 29.359 ug/l
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

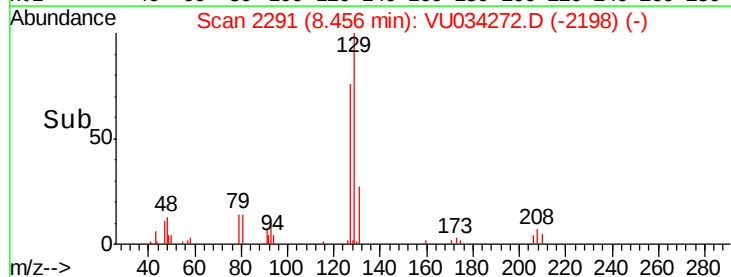
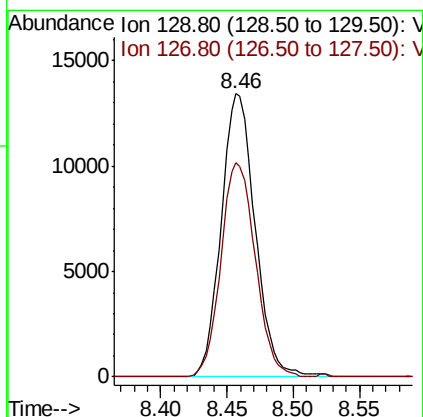
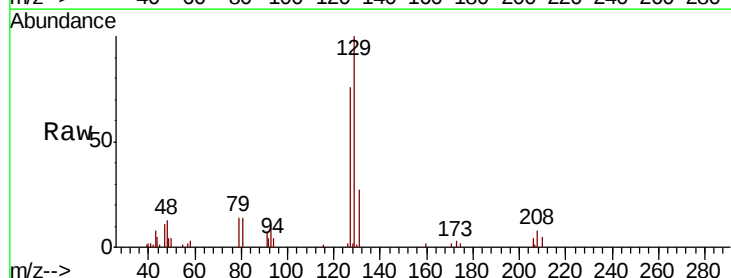
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

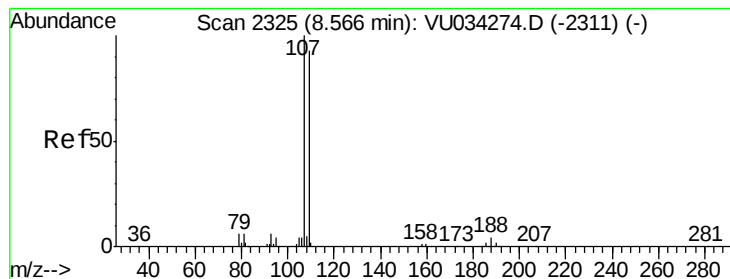
Tgt Ion: 43 Resp: 110460
Ion Ratio Lower Upper
43 100
58 54.4 28.8 86.5



#60
Dibromochloromethane
Concen: 6.579 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 129 Resp: 23938
Ion Ratio Lower Upper
129 100
127 76.5 37.9 113.7





#61

1,2-Dibromoethane

Concen: 6.203 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

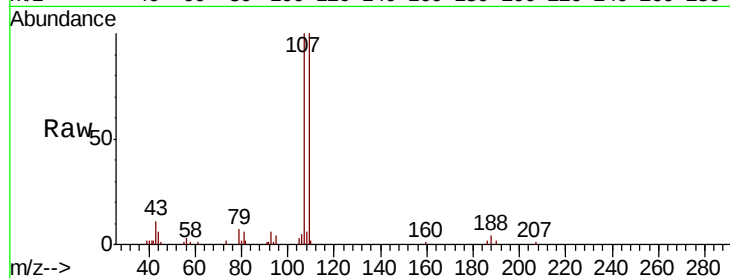
VSTDIC005

Tgt Ion: 107 Resp: 21833

Ion Ratio Lower Upper

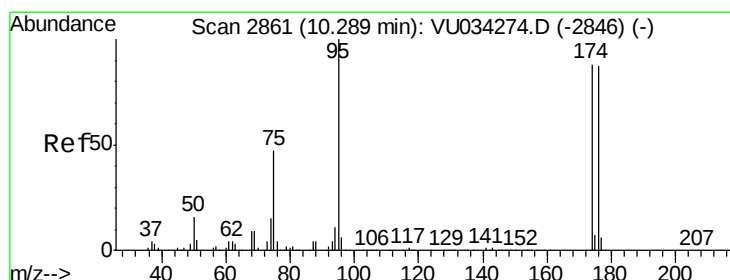
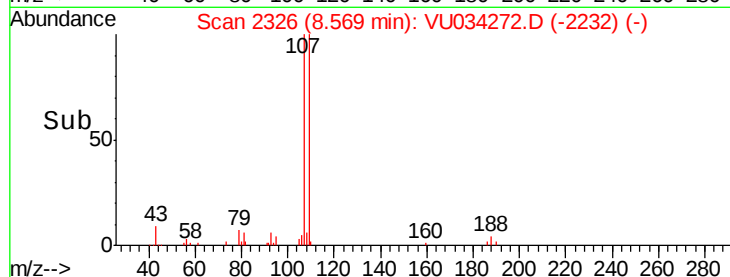
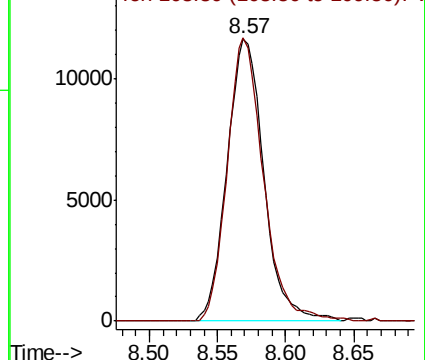
107 100

109 98.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 6.935 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

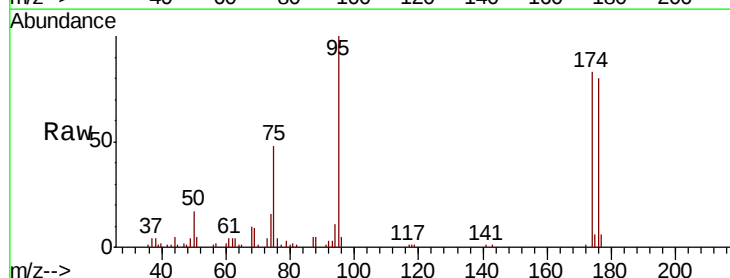
Tgt Ion: 95 Resp: 32462

Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.2

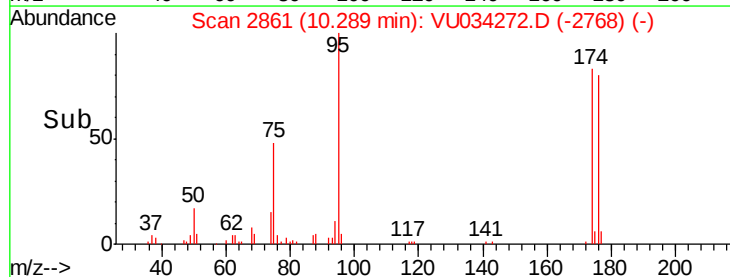
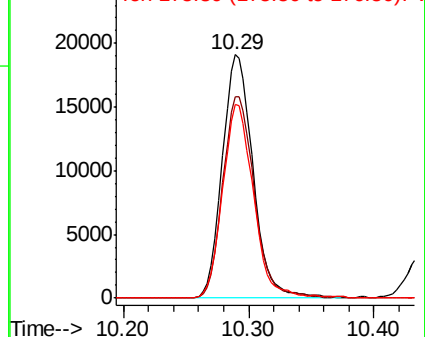
176 79.4 0.0 168.0

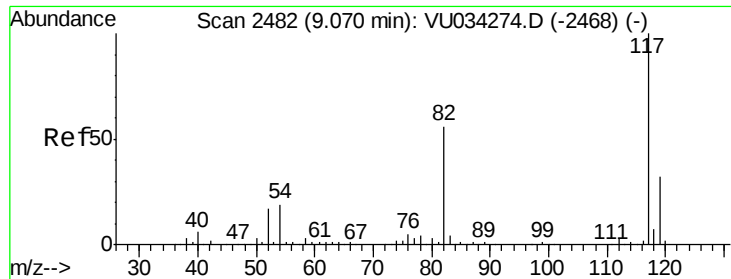


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

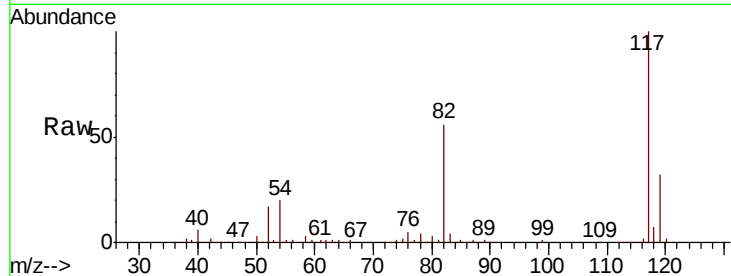




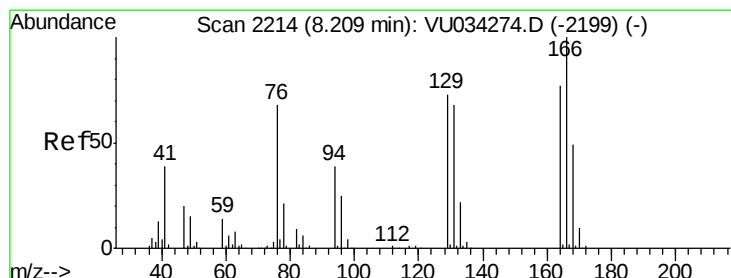
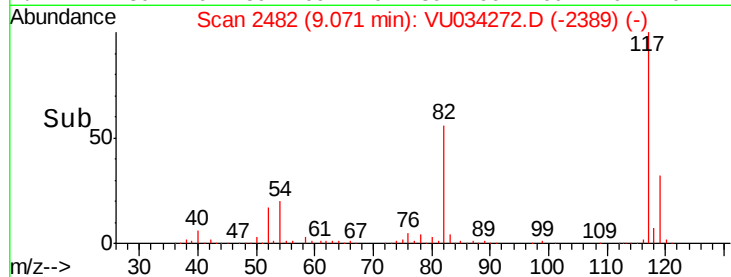
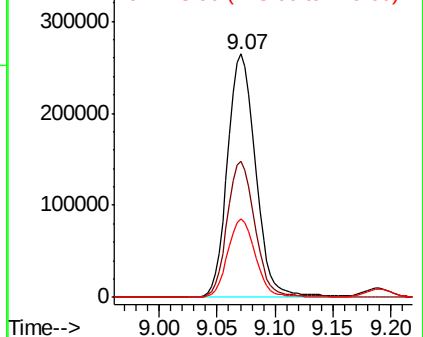
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 445909
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.1 25.9 38.9

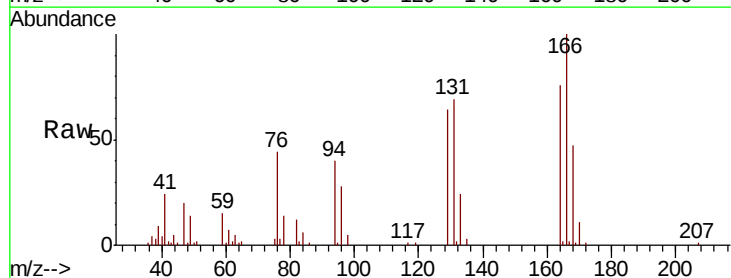


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

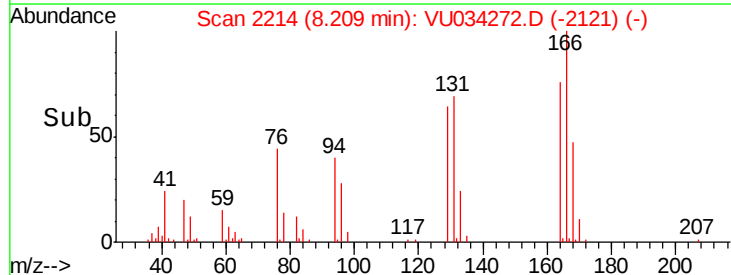
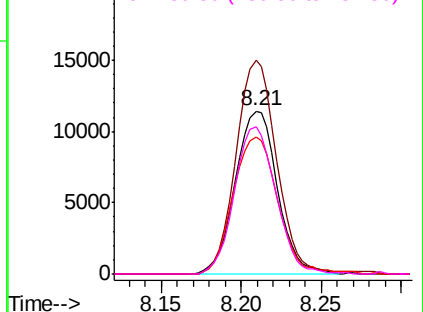


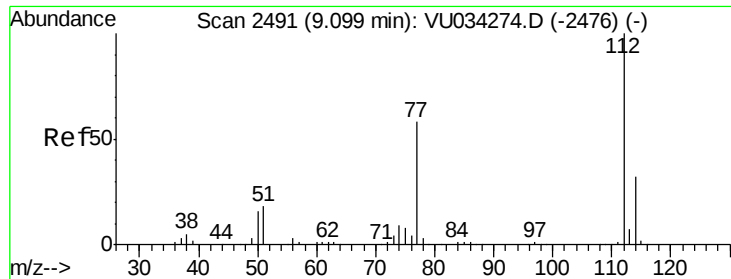
#64
Tetrachloroethene
Concen: 6.707 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion:164 Resp: 20505
Ion Ratio Lower Upper
164 100
166 130.9 103.7 155.5
129 83.9 75.8 113.8
131 90.2 70.7 106.1



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

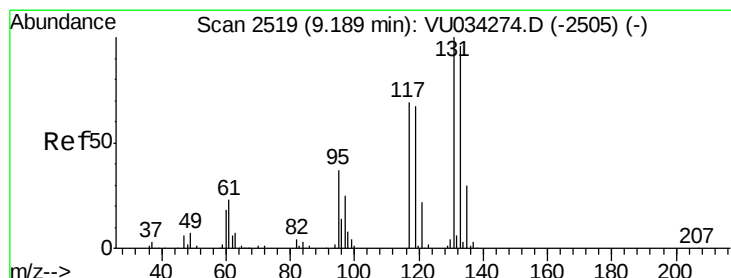
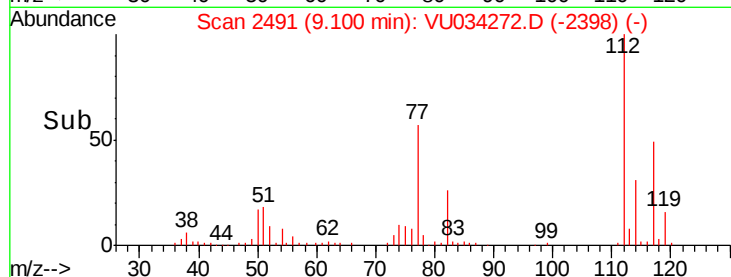
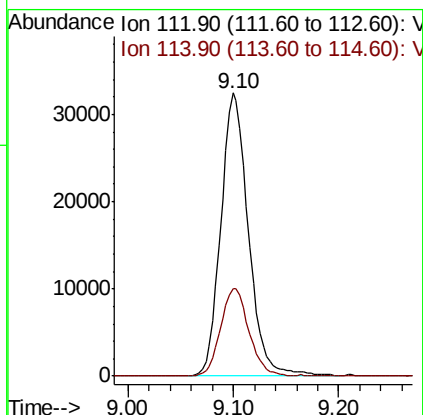
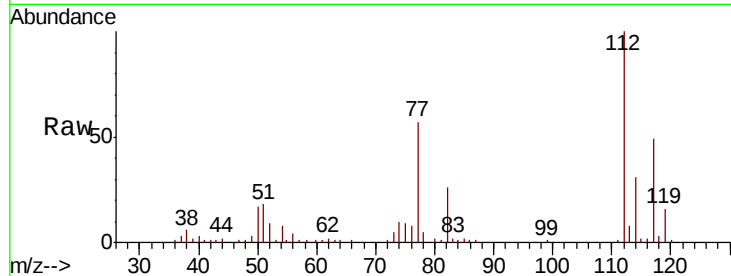




#65
Chlorobenzene
Concen: 6.285 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

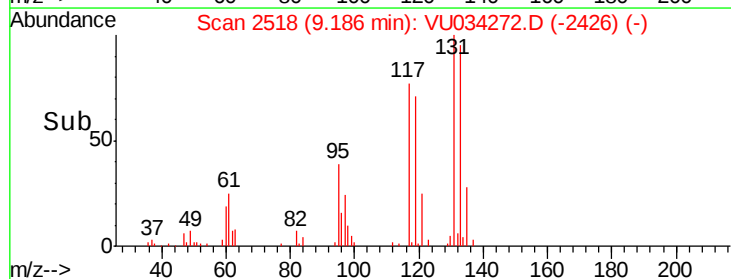
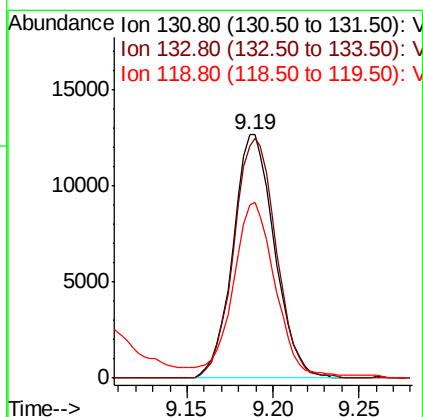
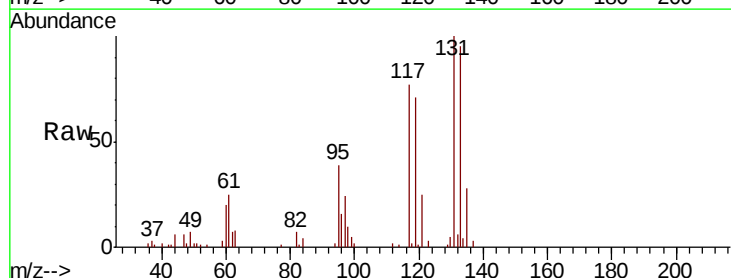
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

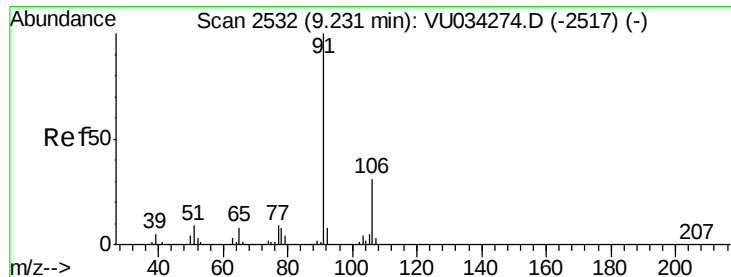
Tgt Ion:112 Resp: 58723
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 6.258 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion:131 Resp: 21364
Ion Ratio Lower Upper
131 100
133 100.4 47.9 143.7
119 71.2 33.1 99.5





#67

Ethyl Benzene

Concen: 5.683 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

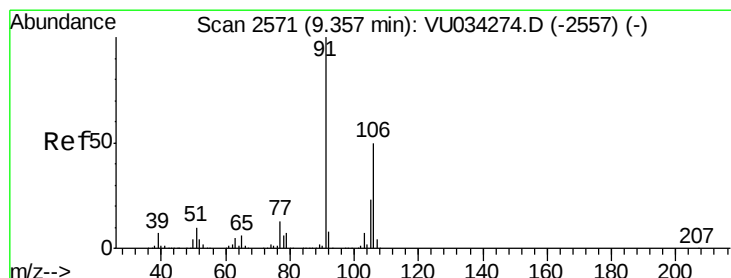
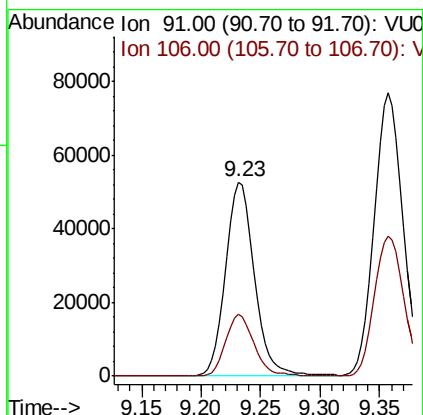
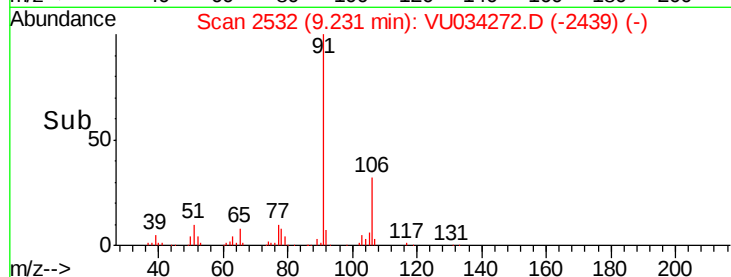
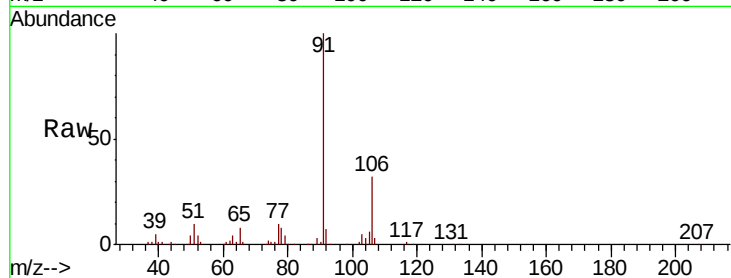
VSTDIC005

Tgt Ion: 91 Resp: 89347

Ion Ratio Lower Upper

91 100

106 32.0 24.8 37.2



#68

m/p-Xylenes

Concen: 11.294 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034272.D

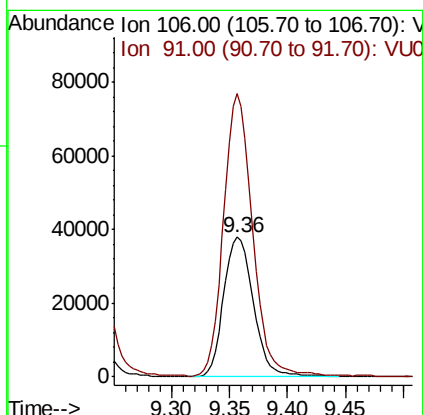
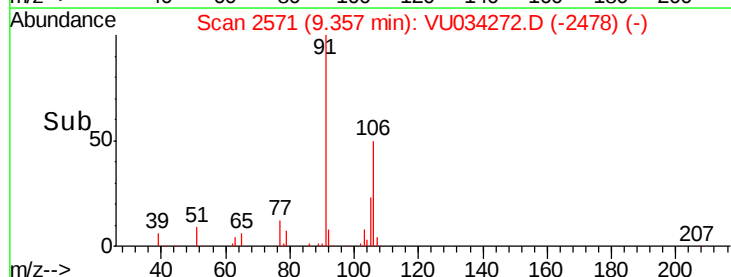
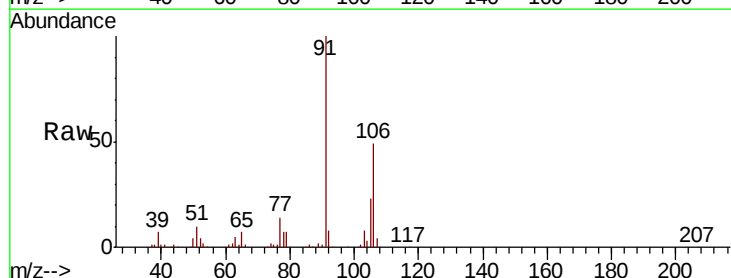
Acq: 05 Sep 2019 09:37

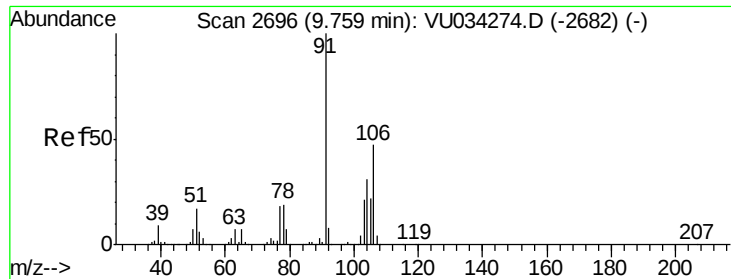
Tgt Ion: 106 Resp: 67766

Ion Ratio Lower Upper

106 100

91 194.8 160.1 240.1

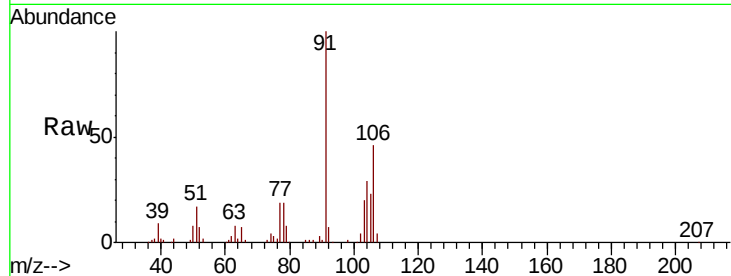




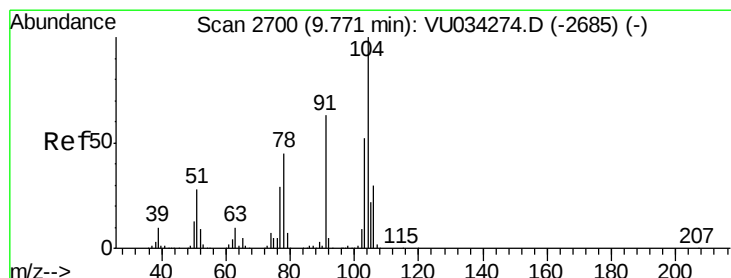
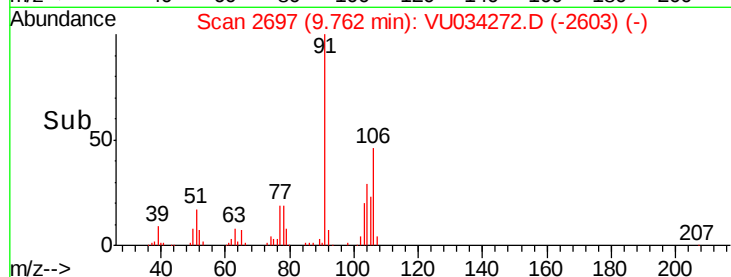
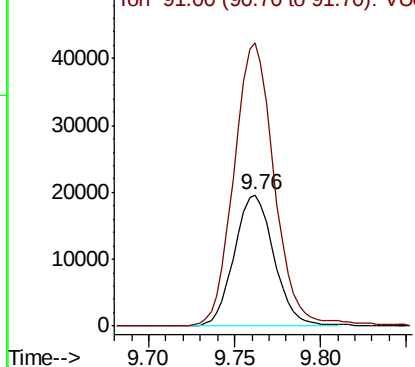
#69
o-Xylene
Concen: 5.466 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 31501
Ion Ratio Lower Upper
106 100
91 220.9 105.1 315.3

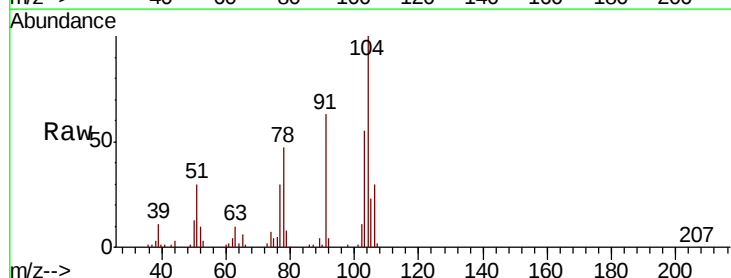


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

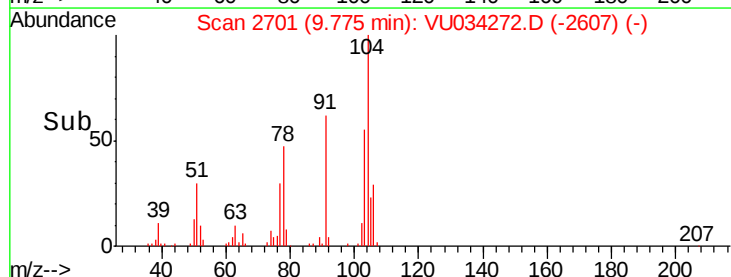
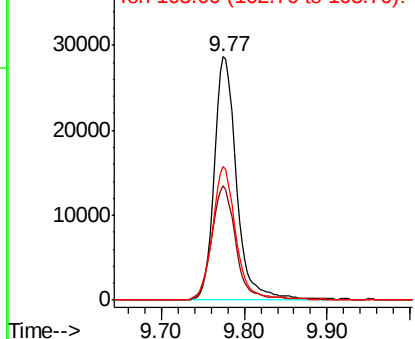


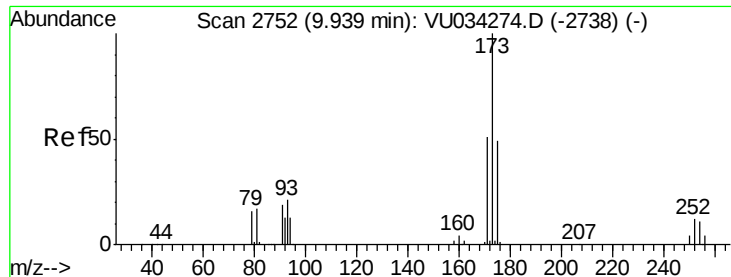
#70
Styrene
Concen: 5.401 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion:104 Resp: 53663
Ion Ratio Lower Upper
104 100
78 50.0 38.6 57.8
103 57.4 44.2 66.4



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





#71

Bromoform

Concen: 6.123 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

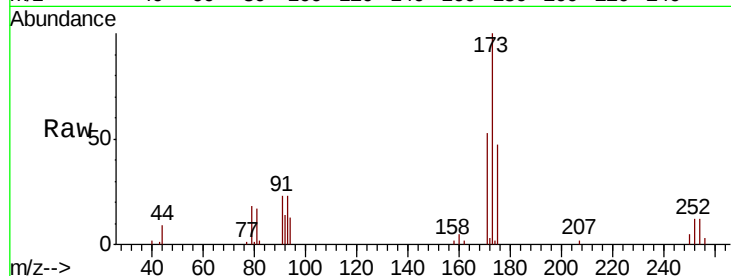
Tgt Ion:173 Resp: 18219

Ion Ratio Lower Upper

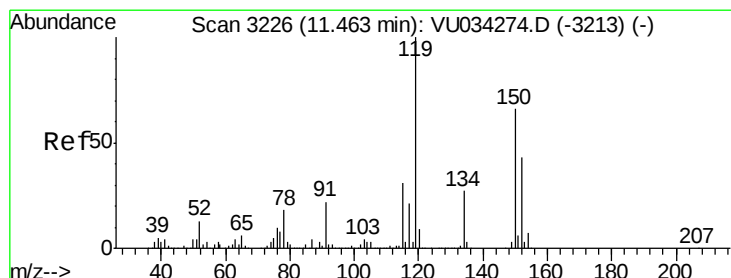
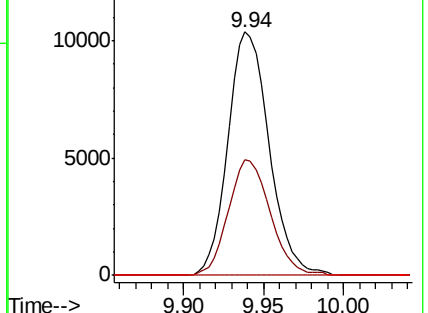
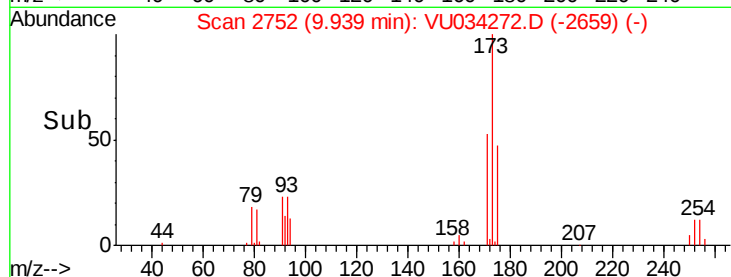
173 100

175 48.1 24.4 73.2

254 0.0 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: VU034272.D

Acq: 05 Sep 2019 09:37

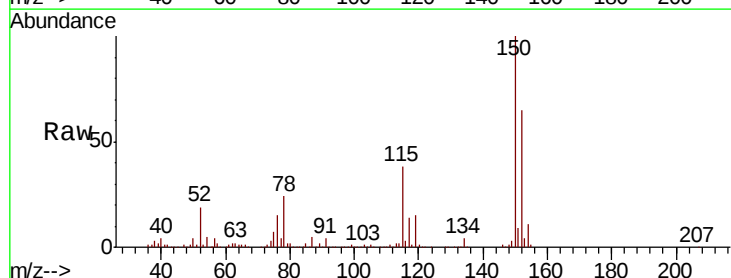
Tgt Ion:152 Resp: 280634

Ion Ratio Lower Upper

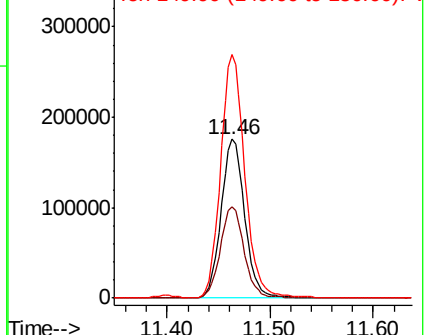
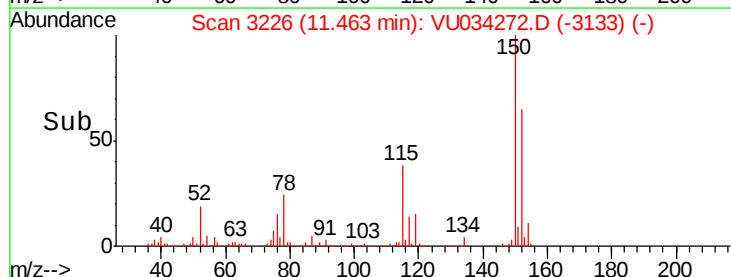
152 100

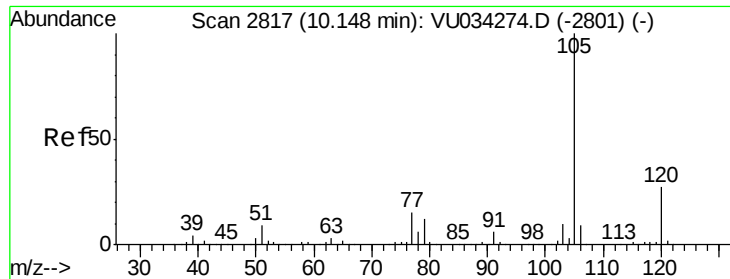
115 58.4 39.1 117.3

150 155.2 0.0 345.4



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





#73

Isopropylbenzene

Concen: 4.726 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

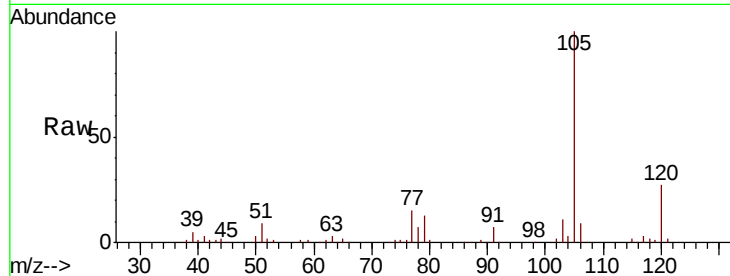
VSTDIC005

Tgt Ion: 105 Resp: 86842

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

20000

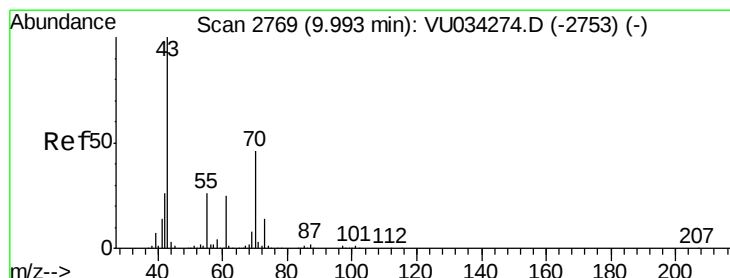
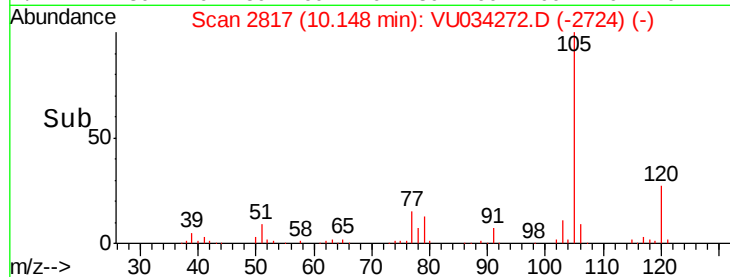
10000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 4.163 ug/l

RT: 10.00 min Scan# 2771

Delta R.T. 0.01 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Tgt Ion: 43 Resp: 31933

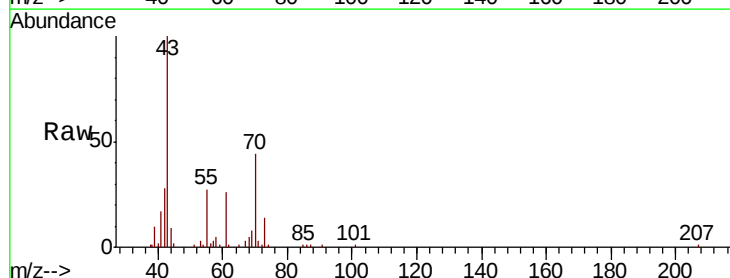
Ion Ratio Lower Upper

43 100

70 42.5 36.4 54.6

55 26.7 21.2 31.8

61 24.4 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

25000

20000

15000

10000

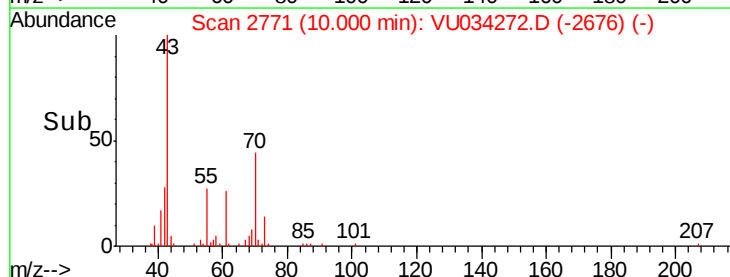
5000

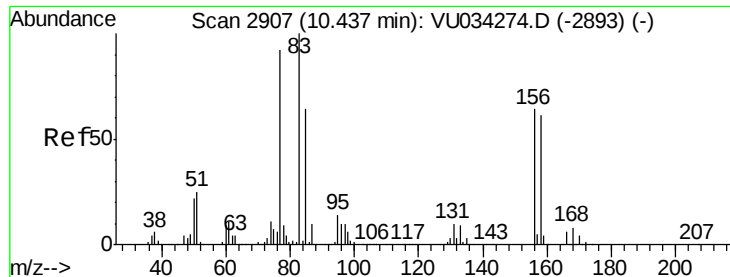
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.551 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

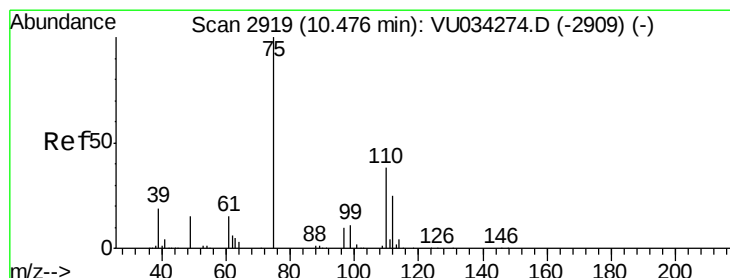
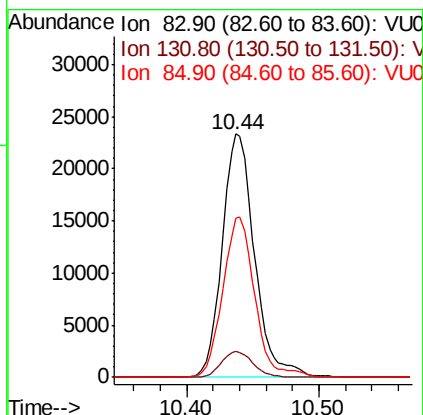
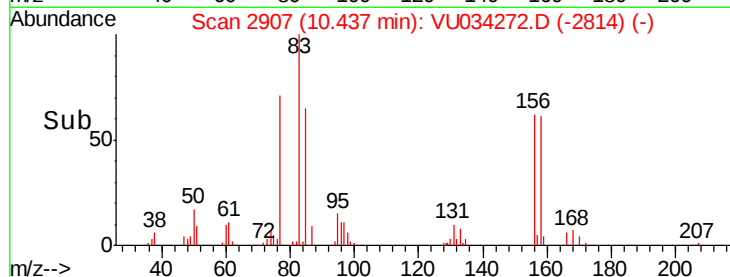
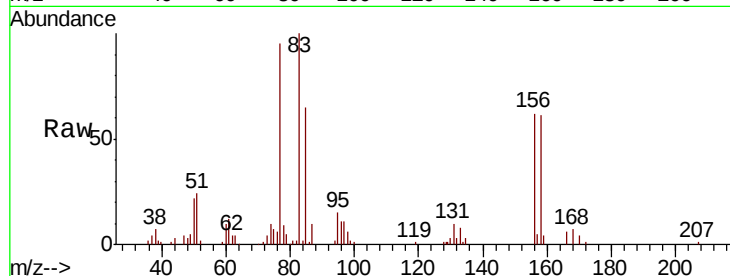
Tgt Ion: 83 Resp: 39491

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 6.511 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034272.D

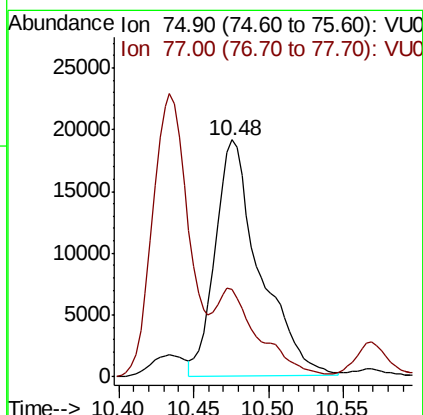
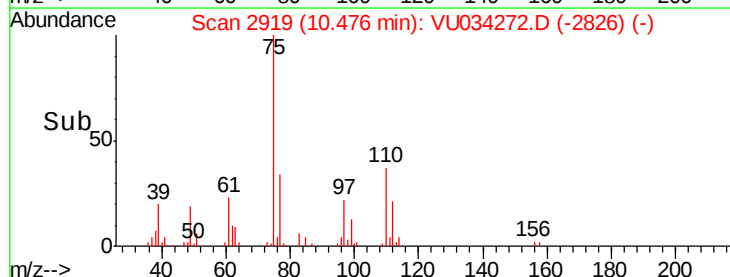
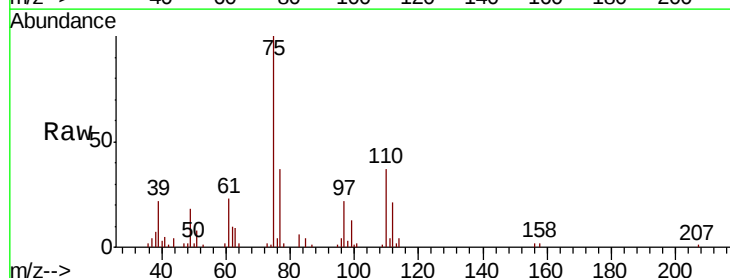
Acq: 05 Sep 2019 09:37

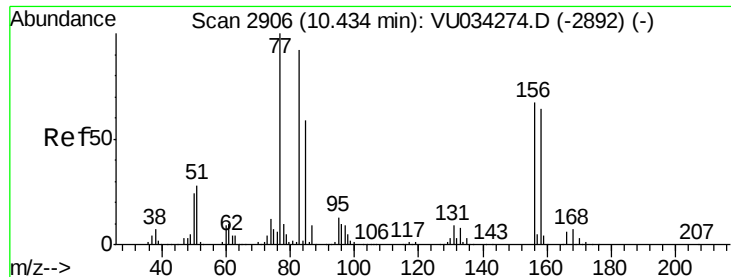
Tgt Ion: 75 Resp: 39865

Ion Ratio Lower Upper

75 100

77 33.6 20.8 62.2

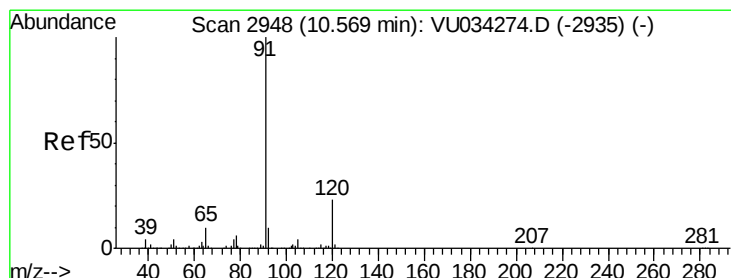
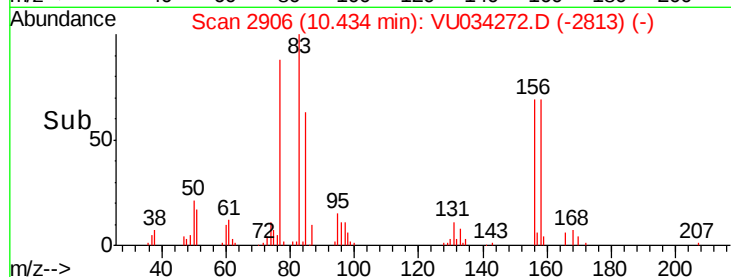
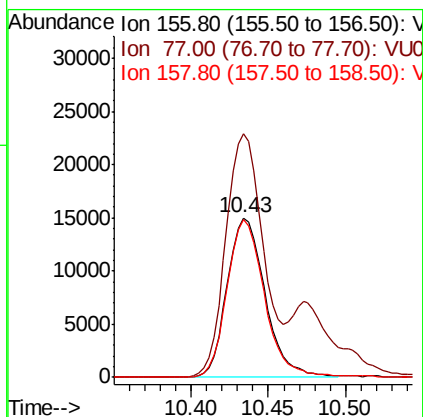
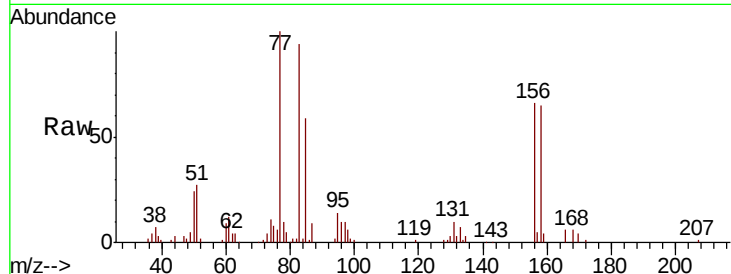




#77
Bromobenzene
Concen: 5.133 ug/l
RT: 10.43 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

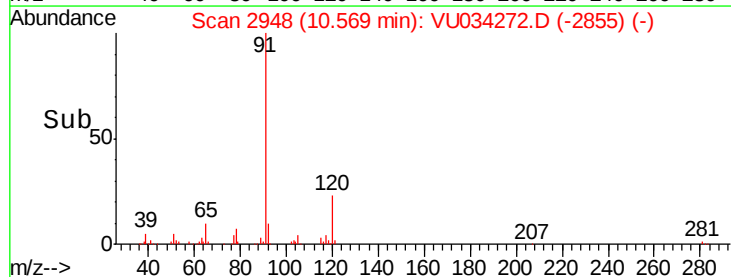
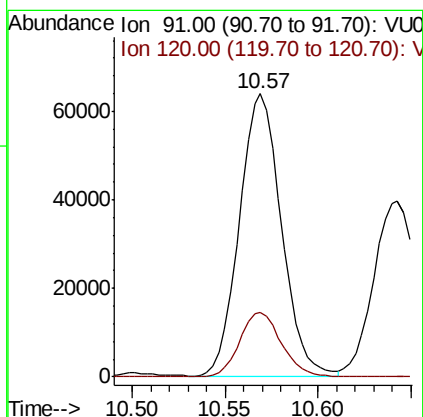
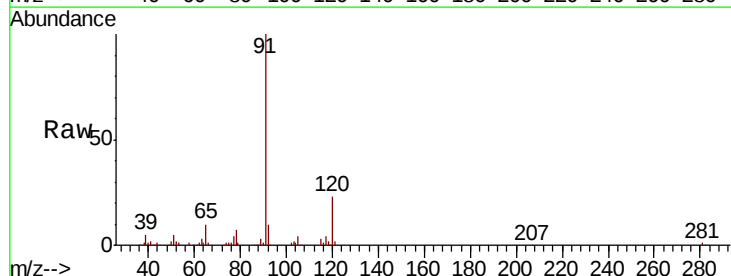
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

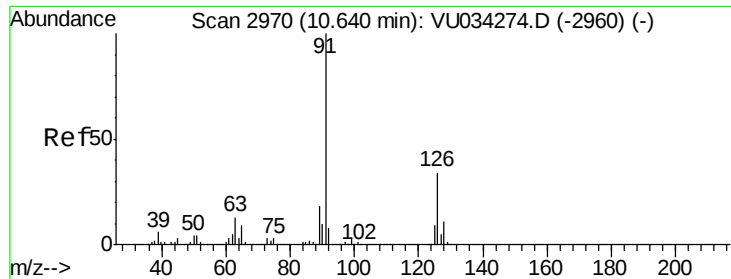
Tgt Ion:156 Resp: 25594
Ion Ratio Lower Upper
156 100
77 150.4 75.6 226.9
158 97.2 48.2 144.6



#78
n-propylbenzene
Concen: 4.669 ug/l
RT: 10.57 min Scan# 2948
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 91 Resp: 100005
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 4.992 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

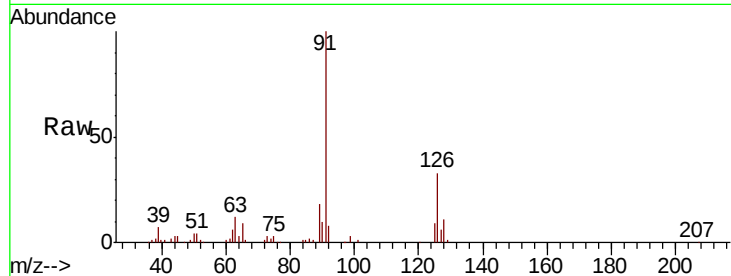
VSTDIC005

Tgt Ion: 91 Resp: 64225

Ion Ratio Lower Upper

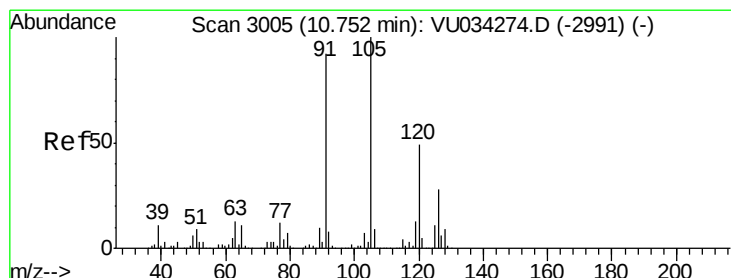
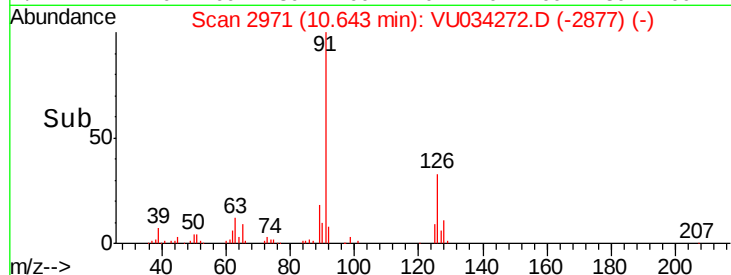
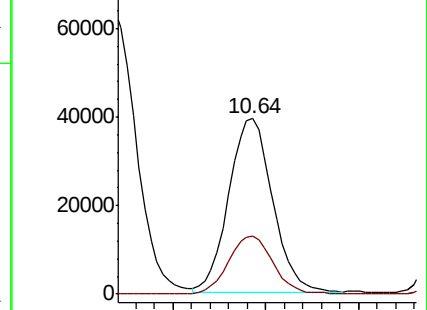
91 100

126 34.1 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034272.D (-2970) (-)

Ion 125.90 (125.60 to 126.60): VU034272.D (-2970) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.623 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034272.D

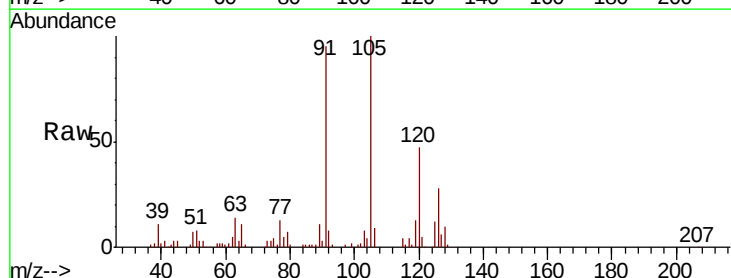
Acq: 05 Sep 2019 09:37

Tgt Ion: 105 Resp: 72031

Ion Ratio Lower Upper

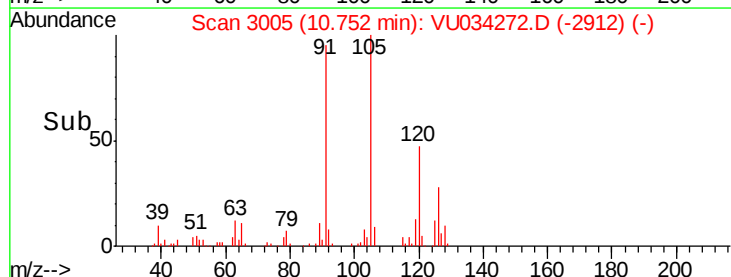
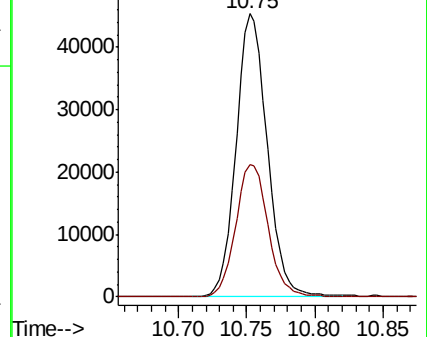
105 100

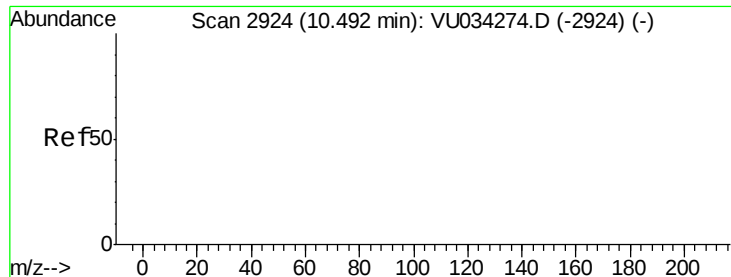
120 48.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034272.D (-3004) (-)

Ion 120.00 (119.70 to 120.70): VU034272.D (-3004) (-)

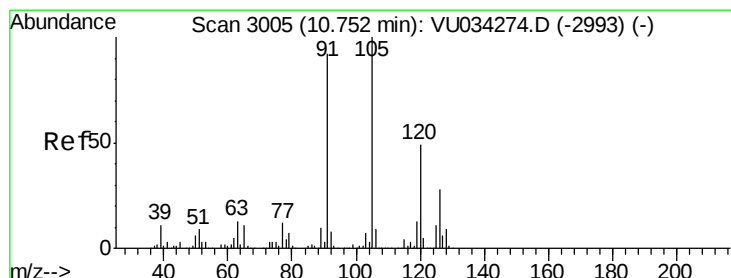
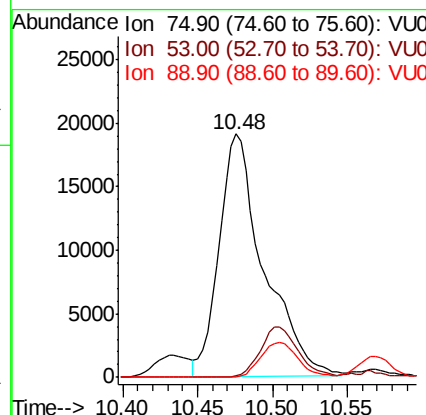
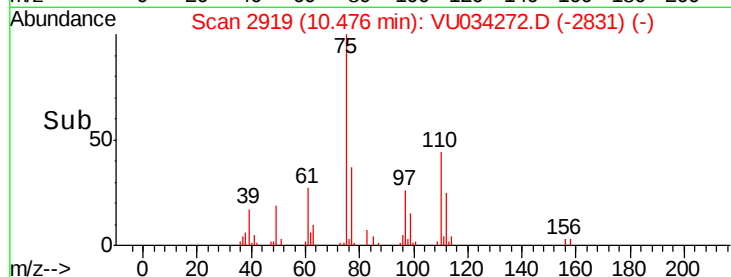
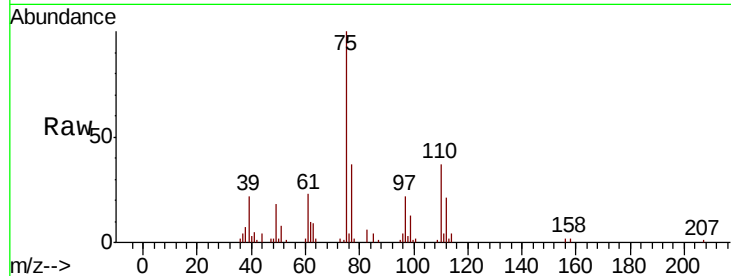




#81
trans-1,4-Dichloro-2-butene
Concen: 21.573 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

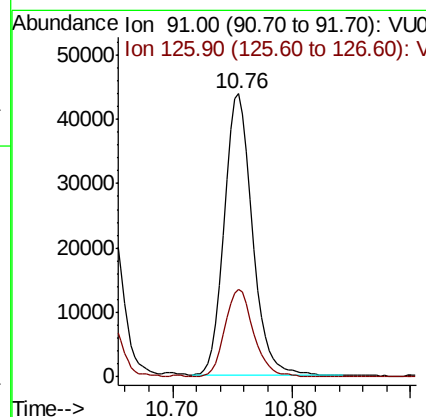
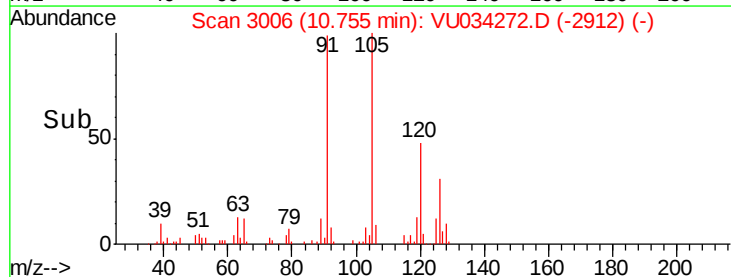
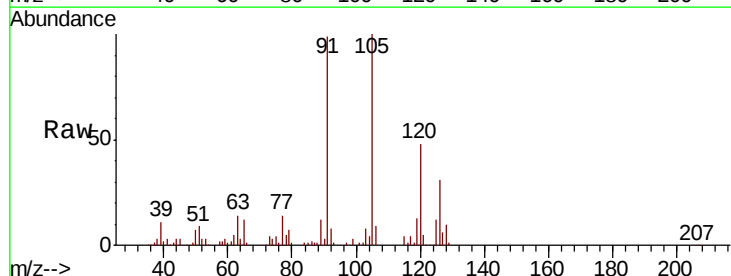
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

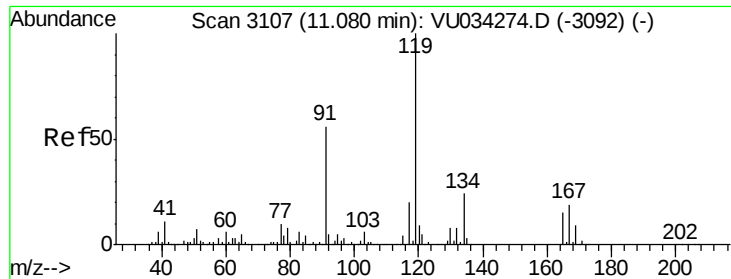
Tgt Ion: 75 Resp: 39865
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 4.841 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 91 Resp: 71811
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.8

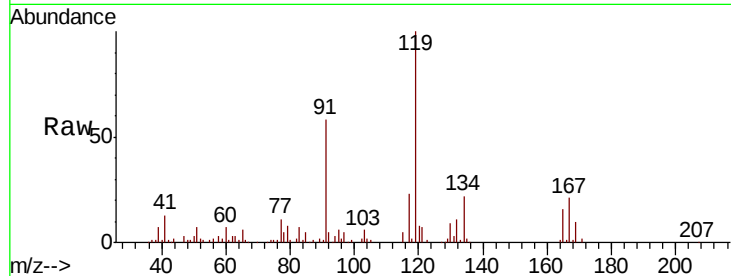




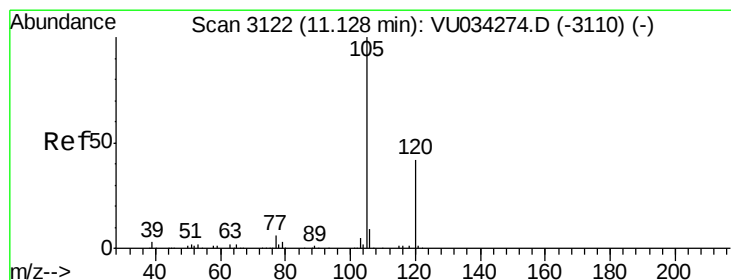
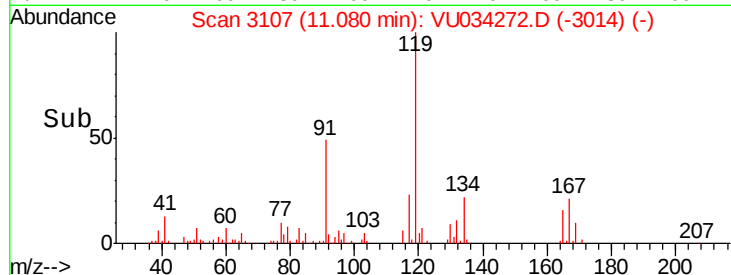
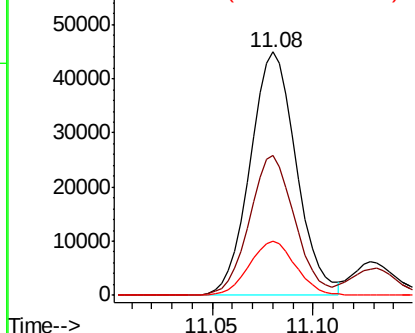
#83
 tert-Butylbenzene
 Concen: 4.686 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 71913
 Ion Ratio Lower Upper
 119 100
 91 56.4 27.8 83.4
 134 22.5 11.7 35.0

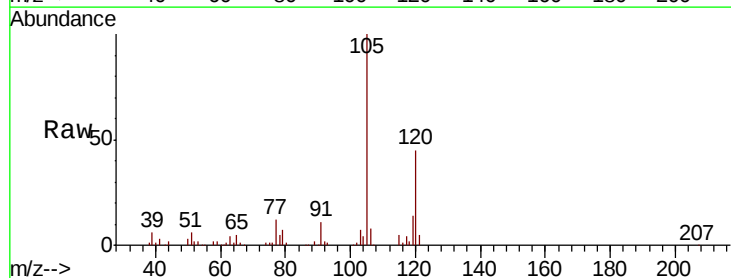


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

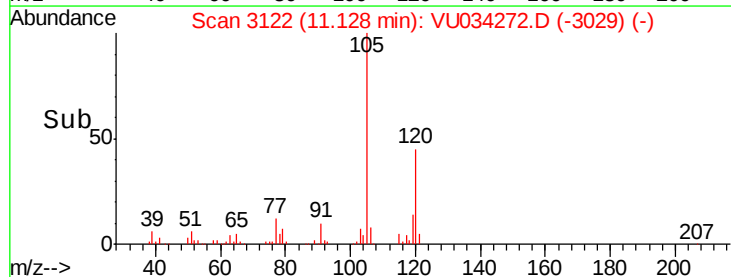
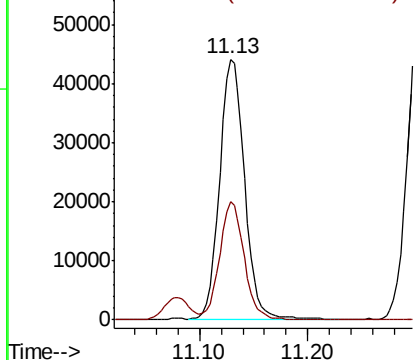


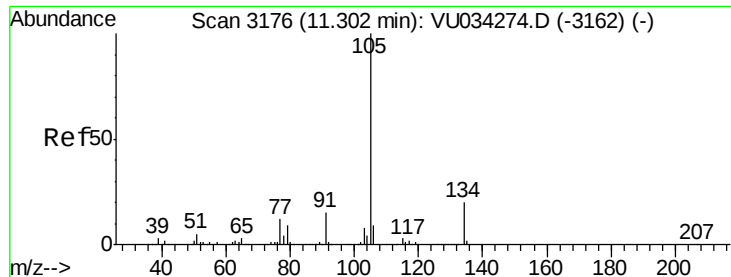
#84
 1,2,4-Trimethylbenzene
 Concen: 4.602 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:105 Resp: 71218
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.9 68.8



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

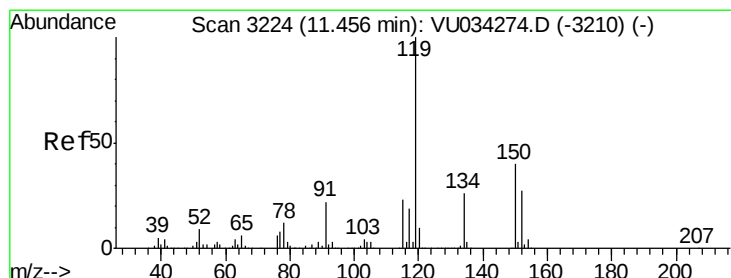
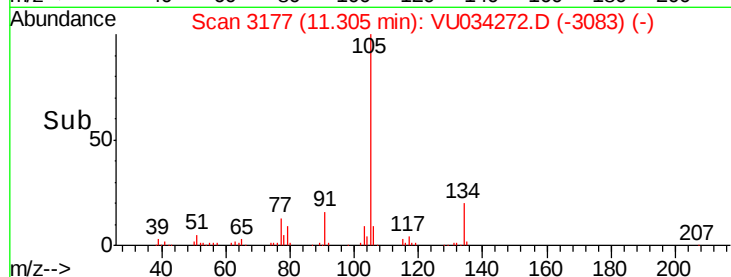
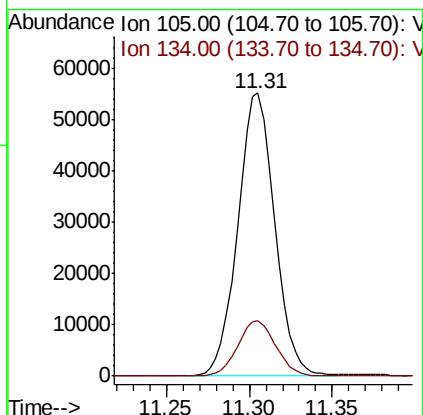
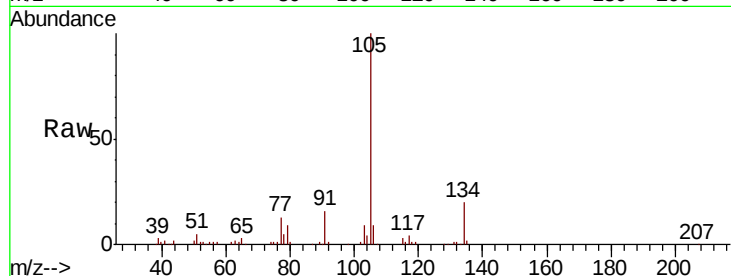




#85
 sec-Butylbenzene
 Concen: 4.599 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

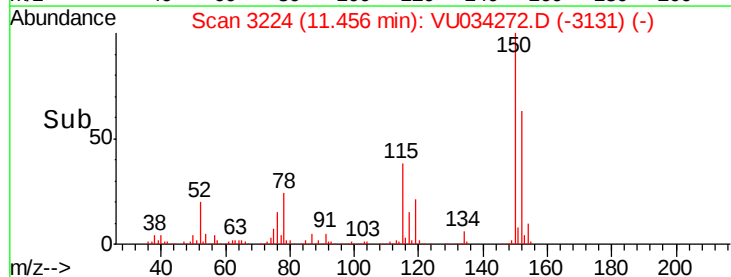
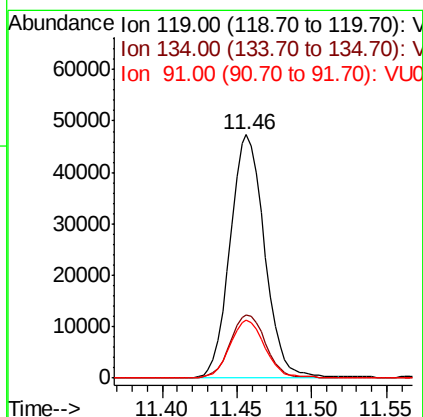
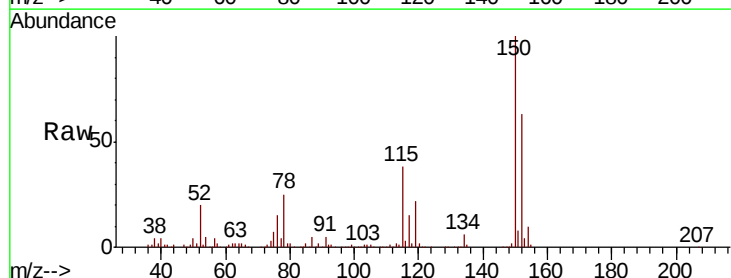
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 84616
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 4.566 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:119 Resp: 76045
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.6 11.2 33.6

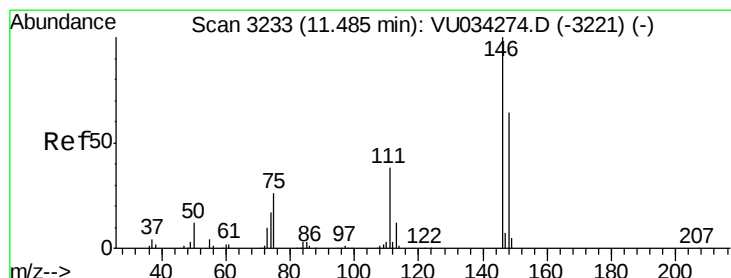
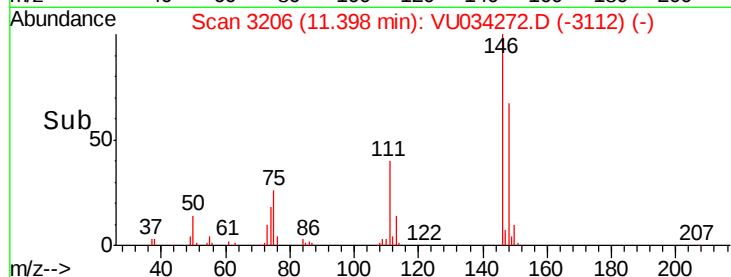
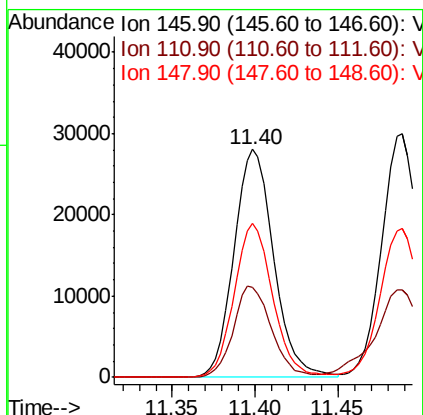
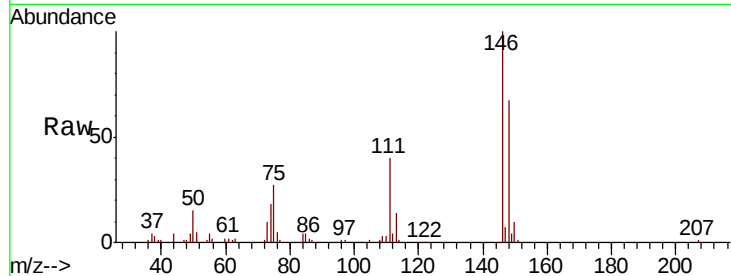




#87
 1,3-Dichlorobenzene
 Concen: 5.285 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

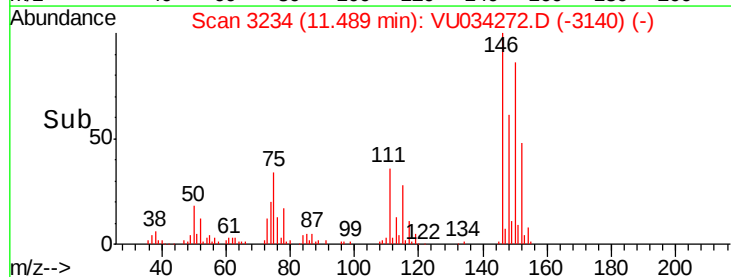
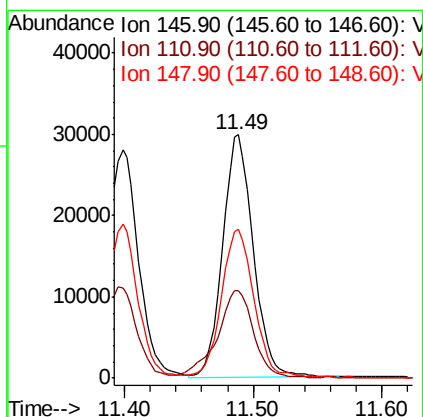
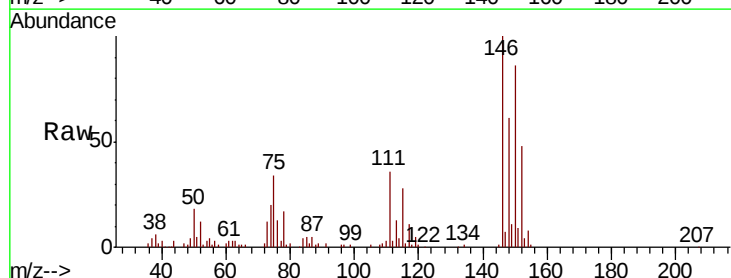
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

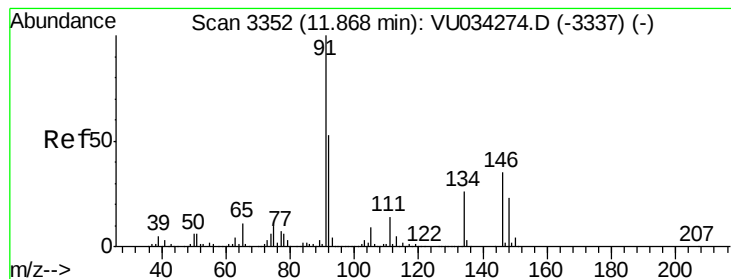
Tgt Ion:146 Resp: 46822
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 65.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.475 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:146 Resp: 49221
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.1 57.3
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 4.307 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU034272.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

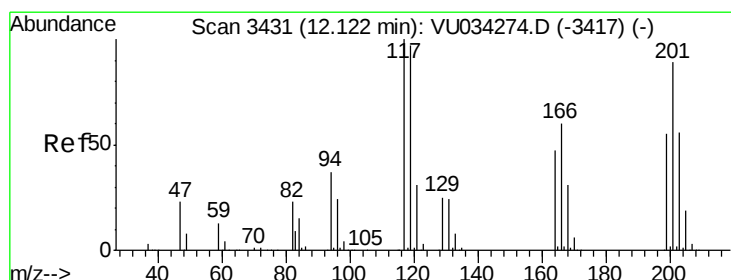
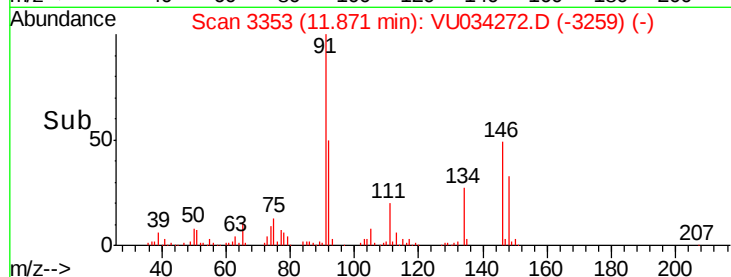
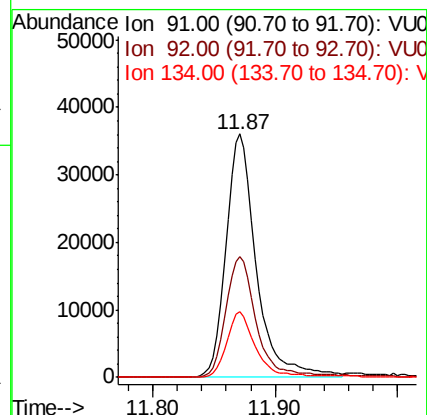
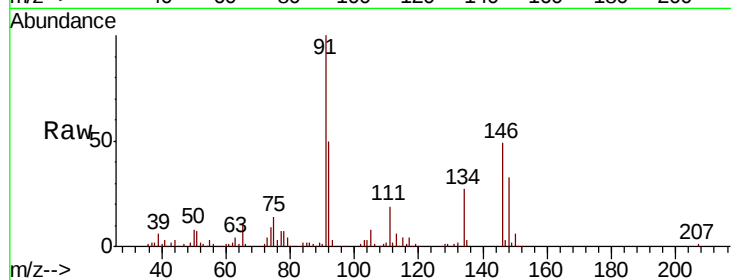
Tgt Ion: 91 Resp: 63146

Ion Ratio Lower Upper

91 100

92 49.7 26.5 79.4

134 25.3 13.2 39.6



#90

Hexachloroethane

Concen: 4.563 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. 0.00 min

Lab File: VU034272.D

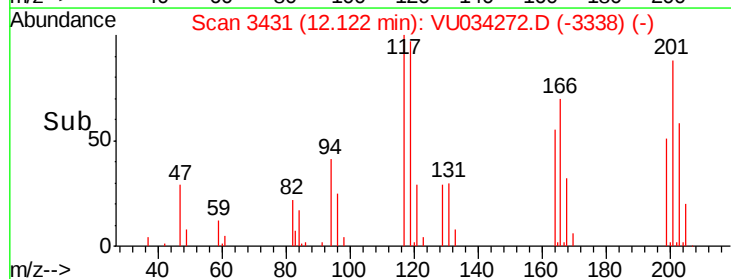
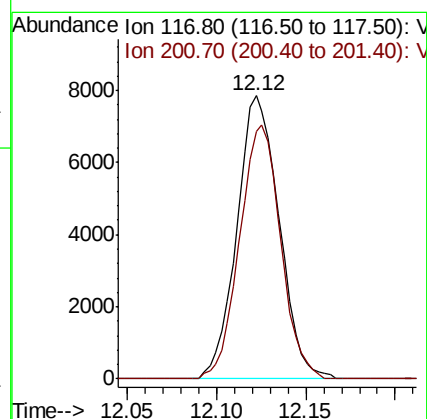
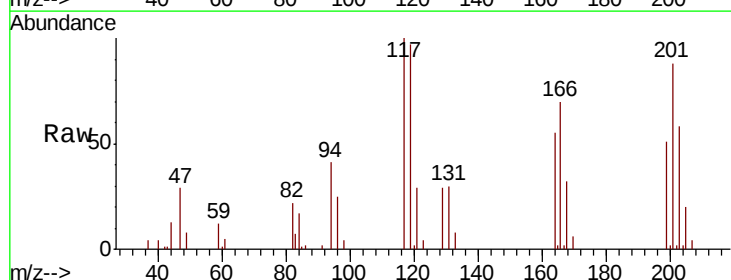
Acq: 05 Sep 2019 09:37

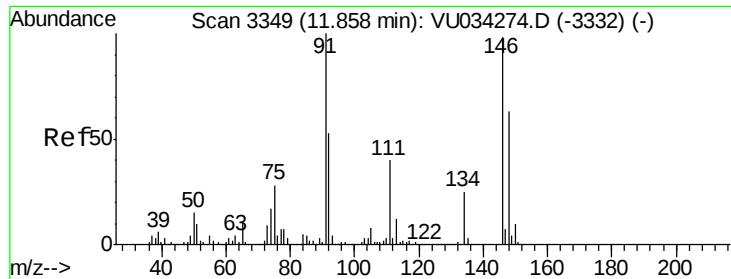
Tgt Ion: 117 Resp: 12994

Ion Ratio Lower Upper

117 100

201 87.1 44.1 132.4

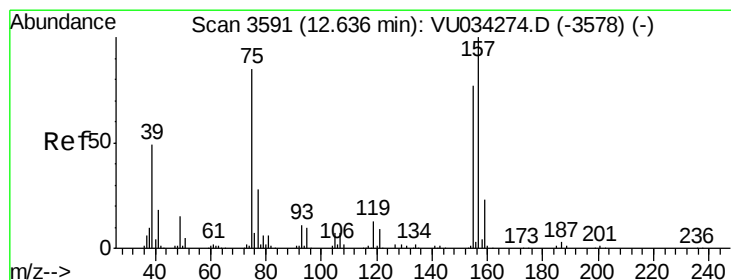
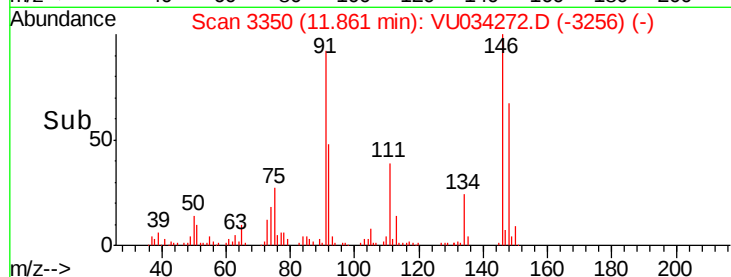
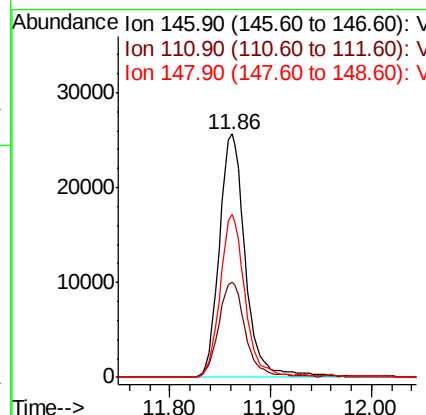
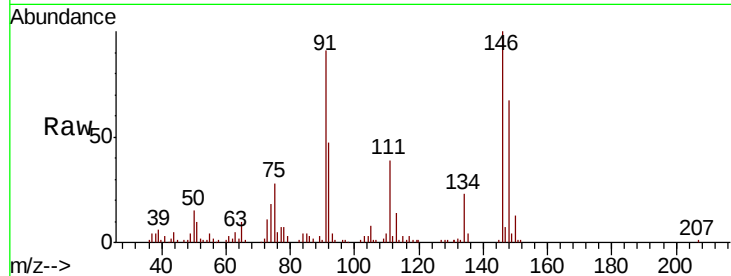




#91
 1,2-Dichlorobenzene
 Concen: 5.422 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

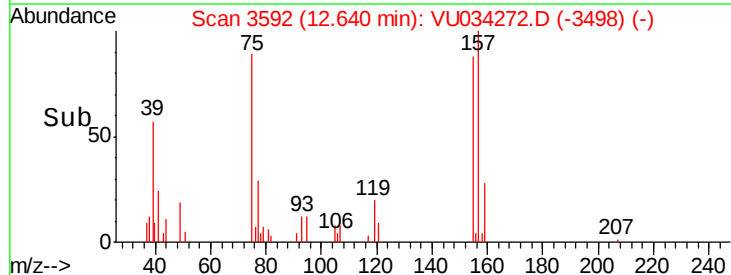
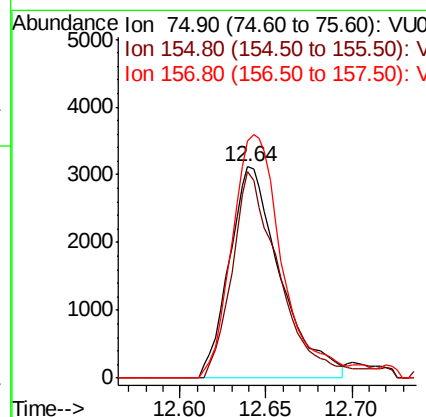
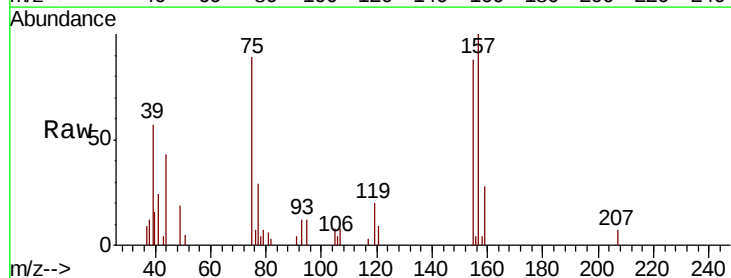
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

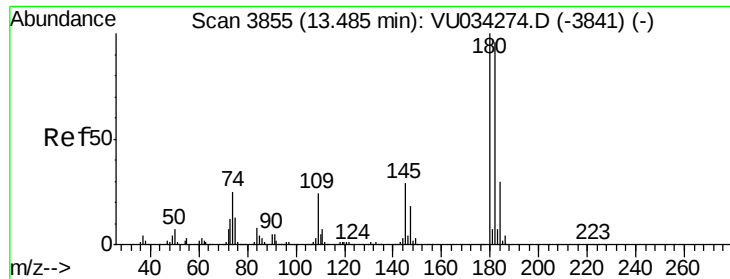
Tgt Ion: 146 Resp: 46168
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.7 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.571 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 75 Resp: 6441
 Ion Ratio Lower Upper
 75 100
 155 92.1 44.6 134.0
 157 113.2 58.2 174.6

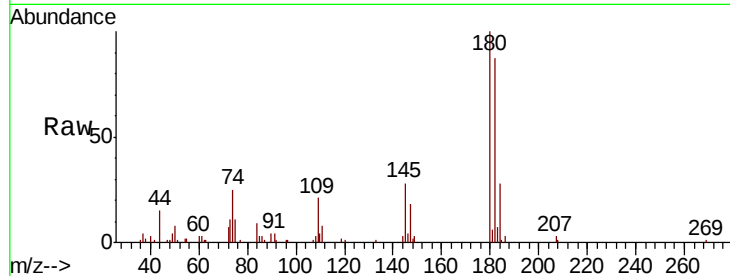




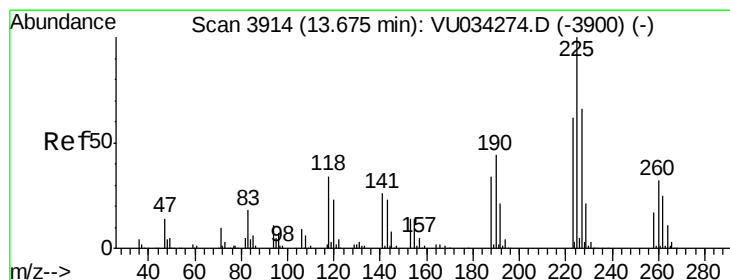
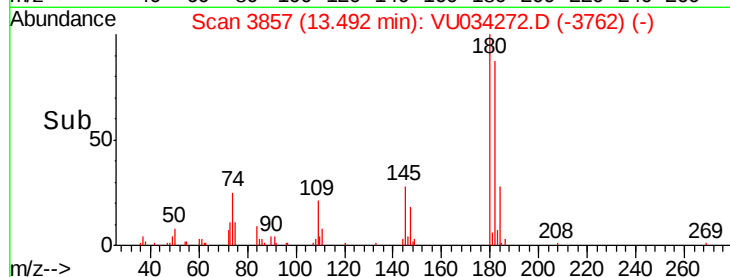
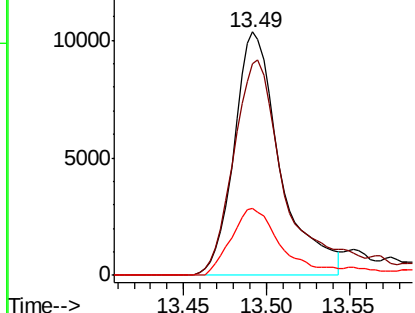
#93
 1,2,4-Trichlorobenzene
 Concen: 3.865 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.01 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.9	143.8
145	29.6	14.4	43.0

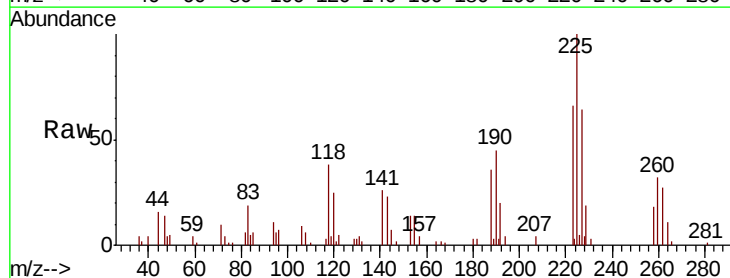


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

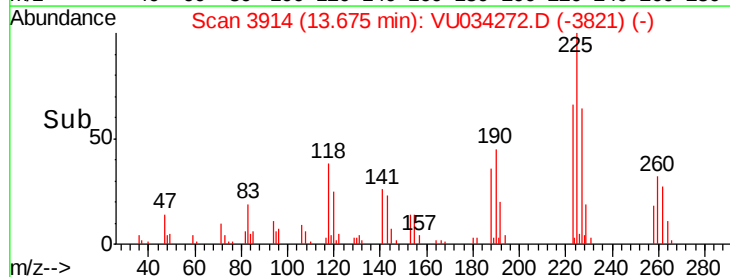
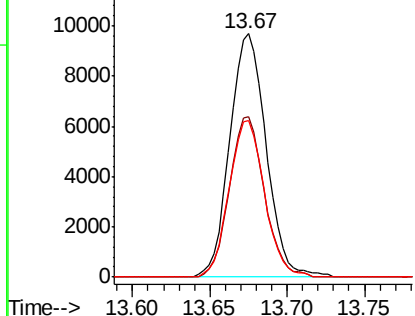


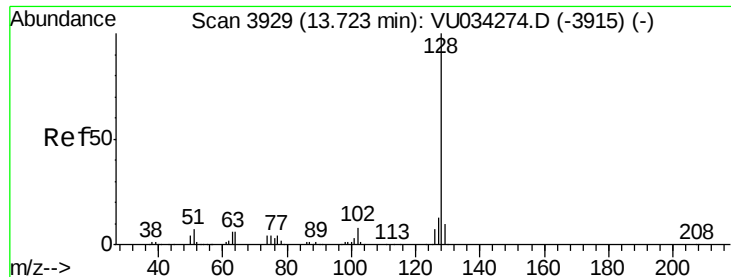
#94
 Hexachlorobutadiene
 Concen: 4.831 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034272.D
 Acq: 05 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	94.7
227	62.4	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

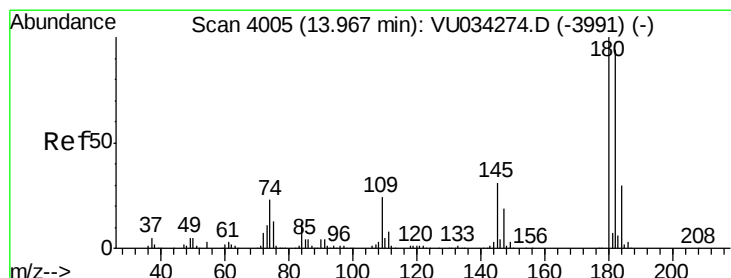
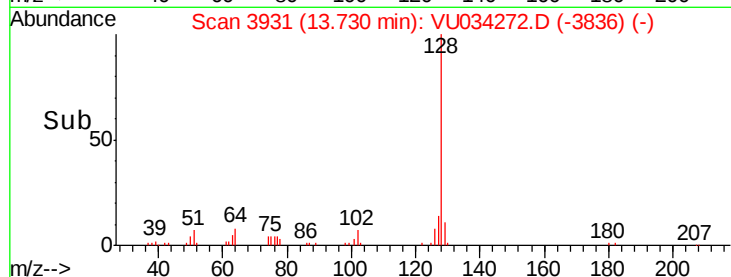
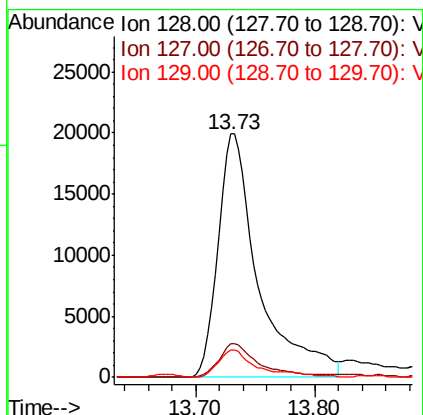
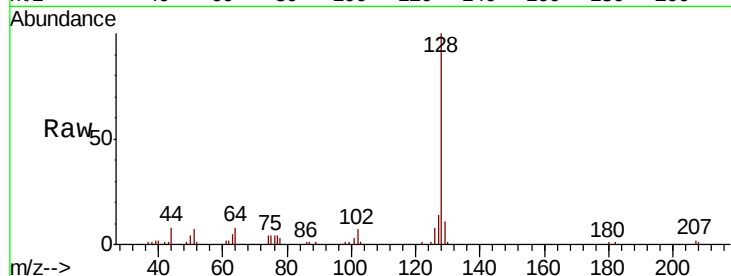




#95
Naphthalene
Concen: 3.288 ug/l
RT: 13.73 min Scan# 3931
Delta R.T. 0.01 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 47210
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 9.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.282 ug/l
RT: 13.97 min Scan# 4007
Delta R.T. 0.01 min
Lab File: VU034272.D
Acq: 05 Sep 2019 09:37

Tgt Ion:180 Resp: 23395
Ion Ratio Lower Upper
180 100
182 91.4 48.4 145.0
145 28.5 15.4 46.4

