

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
 Data File : VU034273.D
 Acq On : 05 Sep 2019 10:00
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 06 04:19:47 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	309822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	448497	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	439314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	289488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	89490	22.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.02%	
35) Dibromofluoromethane	4.86	113	77481	23.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.12%	
50) Toluene-d8	7.55	98	306274	24.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.44%	
62) 4-Bromofluorobenzene	10.29	95	110394	23.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	60639	20.080	ug/l	98
3) Chloromethane	1.32	50	72994	16.387	ug/l	97
4) Vinyl Chloride	1.40	62	78016	19.484	ug/l	98
5) Bromomethane	1.62	94	45999	21.540	ug/l	99
6) Chloroethane	1.69	64	49714	19.984	ug/l	98
7) Trichlorofluoromethane	1.88	101	105232	22.077	ug/l	99
8) Diethyl Ether	2.09	74	46654	22.681	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	68980	22.686	ug/l	98
10) Methyl Iodide	2.40	142	53924	13.562	ug/l	97
11) Tert butyl alcohol	2.81	59	90606	99.457	ug/l	100
12) 1,1-Dichloroethene	2.27	96	65925	21.518	ug/l	98
13) Acrolein	2.18	56	81752	175.882	ug/l	99
14) Allyl chloride	2.58	41	107288	18.551	ug/l	89
15) Acrylonitrile	2.92	53	248433	116.924	ug/l	98
16) Acetone	2.31	43	244959	120.421	ug/l	99
17) Carbon Disulfide	2.47	76	141443	15.321	ug/l	99
18) Methyl Acetate	2.60	43	109754	20.882	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	242393	23.613	ug/l	99
20) Methylene Chloride	2.69	84	81232	21.221	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	68064	20.588	ug/l	96
22) Diisopropyl ether	3.55	45	258498	23.994	ug/l	95
23) Vinyl Acetate	3.51	43	1029390	112.252	ug/l	100
24) 1,1-Dichloroethane	3.43	63	146621	23.166	ug/l	99
25) 2-Butanone	4.24	43	328820	116.295	ug/l	100
26) 2,2-Dichloropropane	4.20	77	117344	22.816	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	83626	22.146	ug/l	99
28) Bromochloromethane	4.52	49	68193	21.738	ug/l	100
29) Tetrahydrofuran	4.62	42	200552	114.985	ug/l	99
30) Chloroform	4.65	83	147690	23.208	ug/l	99
31) Cyclohexane	4.97	56	107328	18.826	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	120729	23.326	ug/l	99
36) 1,1-Dichloropropene	5.12	75	93953	22.118	ug/l	99
37) Ethyl Acetate	4.36	43	116212	24.091	ug/l	97
38) Carbon Tetrachloride	5.12	117	100140	23.992	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
 Data File : VU034273.D
 Acq On : 05 Sep 2019 10:00
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 06 04:19:47 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	98163	19.953	ug/l	96
40) Benzene	5.37	78	311936	23.946	ug/l	99
41) Methacrylonitrile	4.52	41	61281	24.518	ug/l	99
42) 1,2-Dichloroethane	5.39	62	108579	24.162	ug/l	99
43) Isopropyl Acetate	5.53	43	174643	23.672	ug/l	99
44) Trichloroethene	6.17	130	85158	24.637	ug/l	100
45) 1,2-Dichloropropane	6.41	63	90573	25.018	ug/l	95
46) Dibromomethane	6.54	93	57045	24.491	ug/l	99
47) Bromodichloromethane	6.74	83	115384	25.123	ug/l	100
48) Methyl methacrylate	6.60	41	80105	22.668	ug/l	99
49) 1,4-Dioxane	6.59	88	33361	384.527	ug/l	92
51) 4-Methyl-2-Pentanone	7.44	43	612832	119.893	ug/l	99
52) Toluene	7.62	92	197377	24.468	ug/l	98
53) t-1,3-Dichloropropene	7.86	75	116225	23.078	ug/l	97
54) cis-1,3-Dichloropropene	7.25	75	134047	24.276	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	87835	25.390	ug/l	99
56) Ethyl methacrylate	8.00	69	115379	22.603	ug/l	98
57) 1,3-Dichloropropane	8.22	76	143875	24.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	191361	103.822	ug/l	100
59) 2-Hexanone	8.34	43	461070	119.621	ug/l	99
60) Dibromochloromethane	8.46	129	94416	25.329	ug/l	100
61) 1,2-Dibromoethane	8.57	107	86624	24.024	ug/l	100
64) Tetrachloroethene	8.21	164	76808	25.501	ug/l	97
65) Chlorobenzene	9.10	112	222851	24.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	83511	24.830	ug/l	99
67) Ethyl Benzene	9.23	91	361430	23.333	ug/l	99
68) m/p-Xylenes	9.36	106	282048	47.711	ug/l	99
69) o-Xylene	9.76	106	135870	23.929	ug/l	98
70) Styrene	9.77	104	244075	24.936	ug/l	99
71) Bromoform	9.94	173	72959	24.887	ug/l #	98
73) Isopropylbenzene	10.15	105	375344	19.800	ug/l	100
74) N-amyl acetate	10.00	43	147412	18.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	149389	20.355	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	161223	25.527	ug/l	85
77) Bromobenzene	10.43	156	101748	19.782	ug/l	97
78) n-propylbenzene	10.57	91	439249	19.882	ug/l	99
79) 2-Chlorotoluene	10.64	91	266798	20.105	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	329361	20.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	161223	84.579	ug/l #	100
82) 4-Chlorotoluene	10.75	91	313318	20.477	ug/l	99
83) tert-Butylbenzene	11.08	119	312445	19.737	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	329054	20.613	ug/l	99
85) sec-Butylbenzene	11.30	105	382371	20.148	ug/l	100
86) p-Isopropyltoluene	11.46	119	354542	20.638	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	190650	20.861	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	196447	21.185	ug/l	99
89) n-Butylbenzene	11.87	91	302508	20.001	ug/l	98
90) Hexachloroethane	12.12	117	51612	17.569	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	188539	21.463	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	28198	19.401	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034273.D
Acq On : 05 Sep 2019 10:00
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Quant Time: Sep 06 04:19:47 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

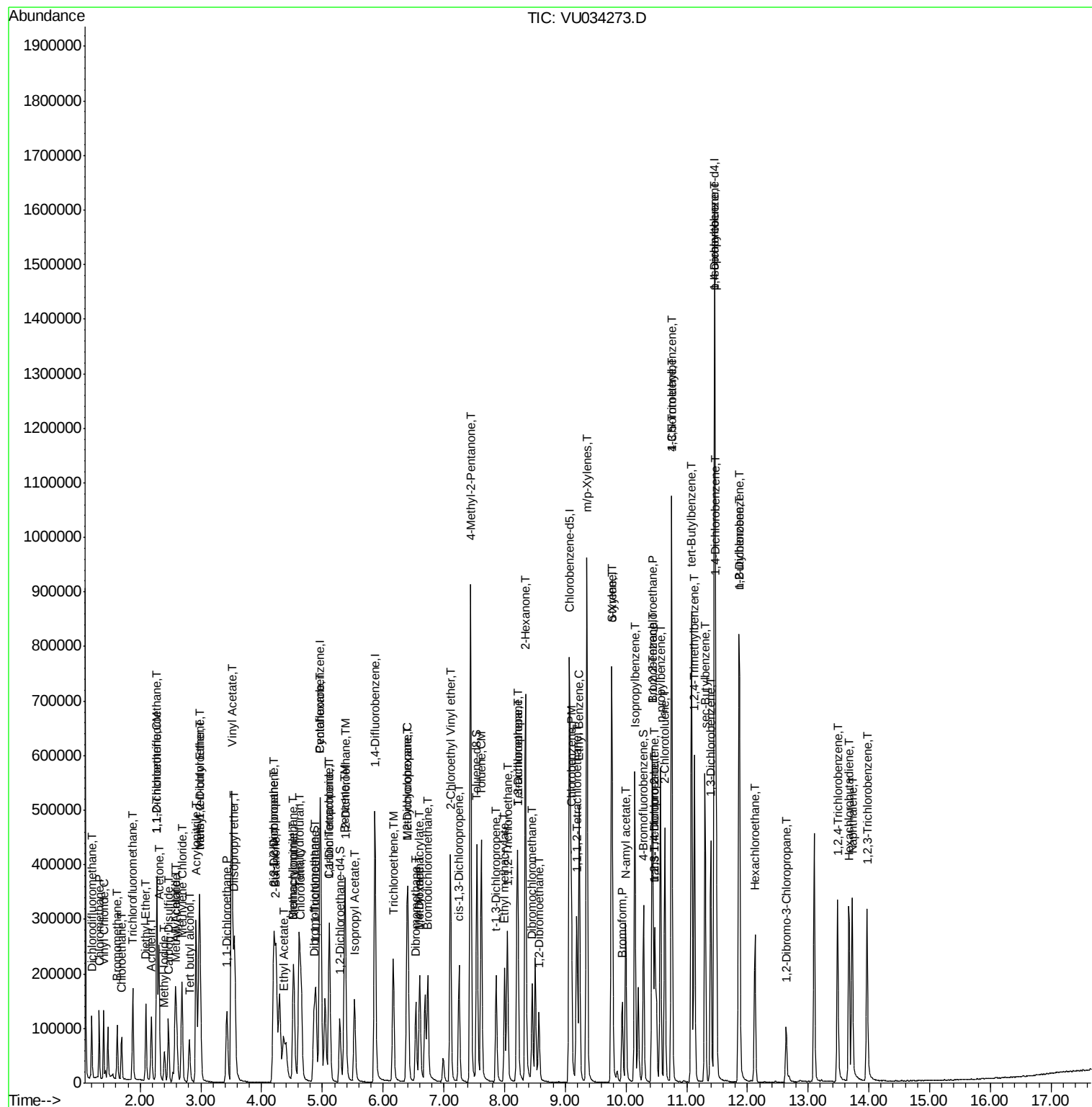
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	117761	21.934	ug/l	100
94) Hexachlorobutadiene	13.67	225	65746	19.486	ug/l	99
95) Naphthalene	13.73	128	308713	20.843	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	118087	20.952	ug/l	99

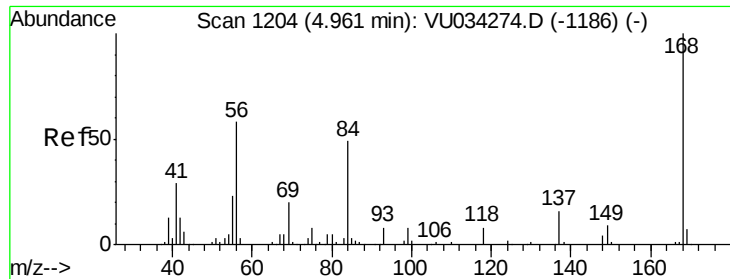
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034273.D
Acq On : 05 Sep 2019 10:00
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Quant Time: Sep 06 04:19:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

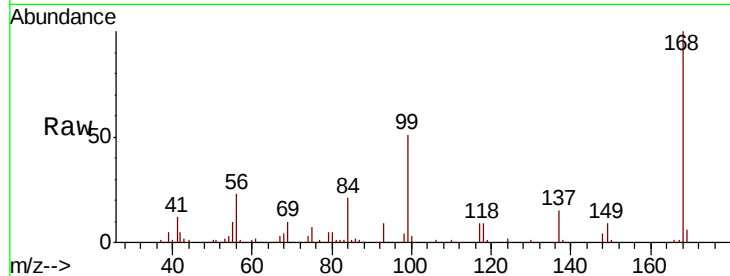
VSTDIC020

Tgt Ion:168 Resp: 309822

Ion Ratio Lower Upper

168 100

99 50.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034273.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034273.D (-1111) (-)

4.96

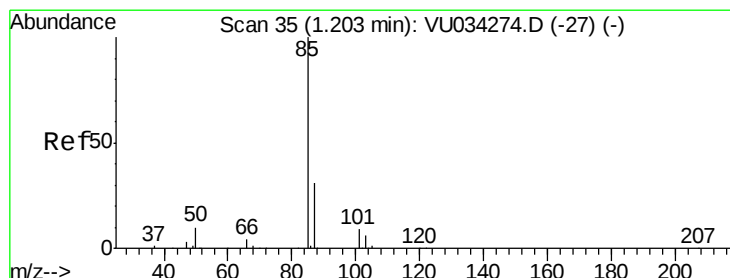
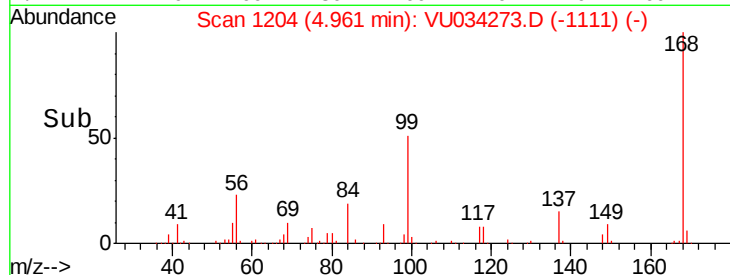
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.080 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034273.D

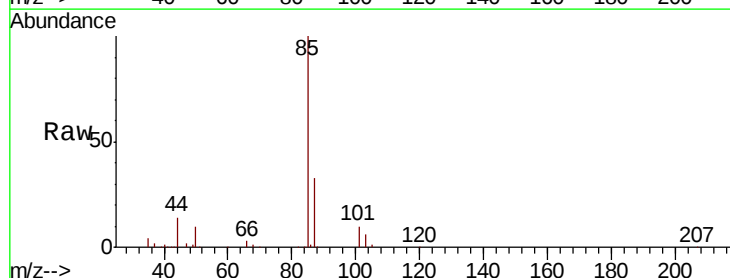
Acq: 05 Sep 2019 10:00

Tgt Ion: 85 Resp: 60639

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034273.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034273.D (-1) (-)

1.20

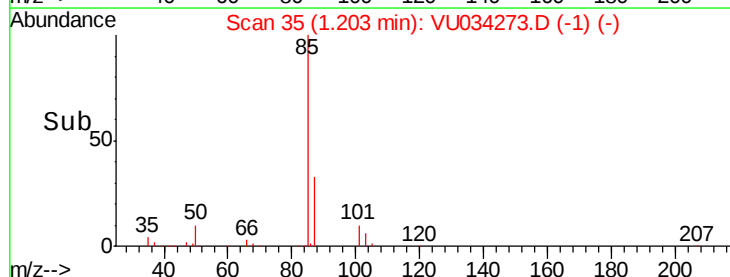
60000

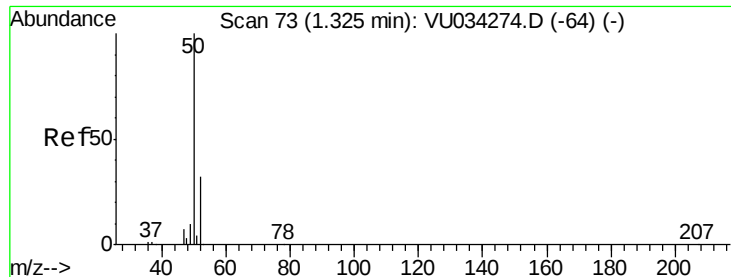
40000

20000

0

Time-->





#3

Chloromethane

Concen: 16.387 ug/l

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

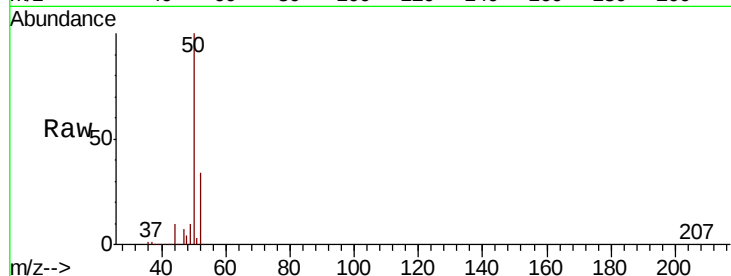
VSTDIC020

Tgt Ion: 50 Resp: 72994

Ion Ratio Lower Upper

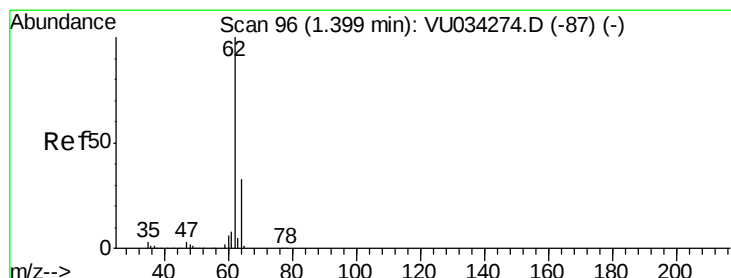
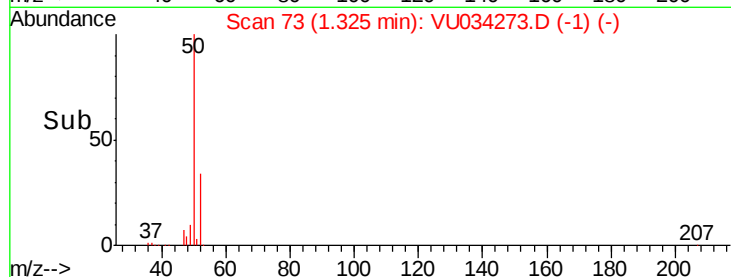
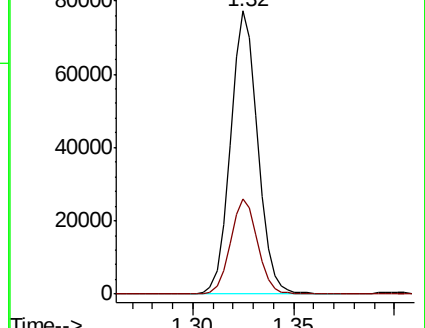
50 100

52 33.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034273.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034273.D (-1) (-)



#4

Vinyl Chloride

Concen: 19.484 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034273.D

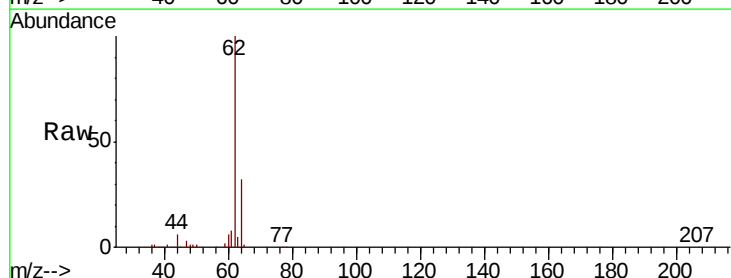
Acq: 05 Sep 2019 10:00

Tgt Ion: 62 Resp: 78016

Ion Ratio Lower Upper

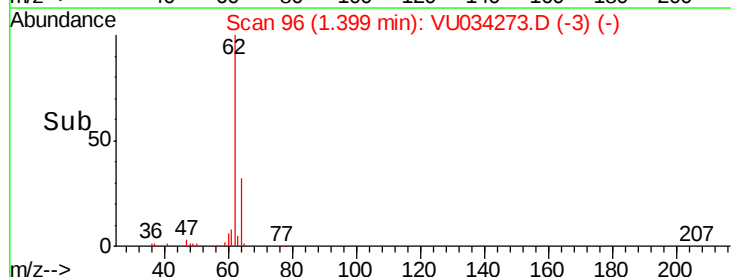
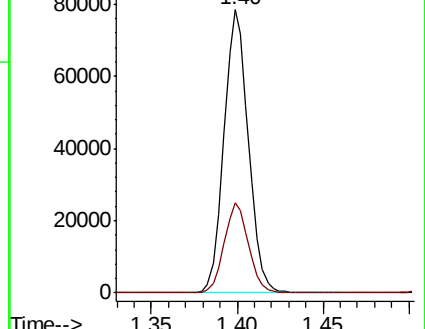
62 100

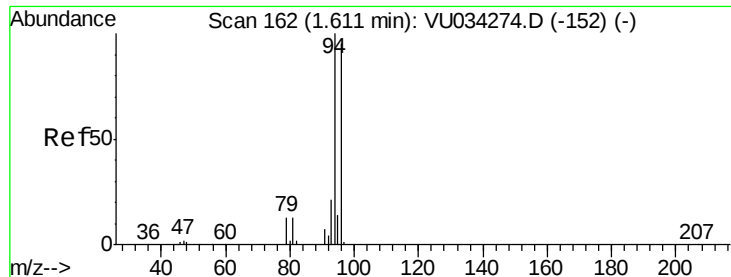
64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034273.D (-3) (-)

Ion 63.90 (63.60 to 64.60): VU034273.D (-3) (-)





#5

Bromomethane

Concen: 21.540 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

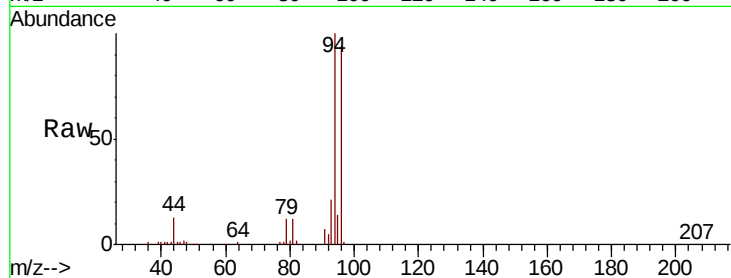
VSTDIC020

Tgt Ion: 94 Resp: 45999

Ion Ratio Lower Upper

94 100

96 93.9 75.7 113.5

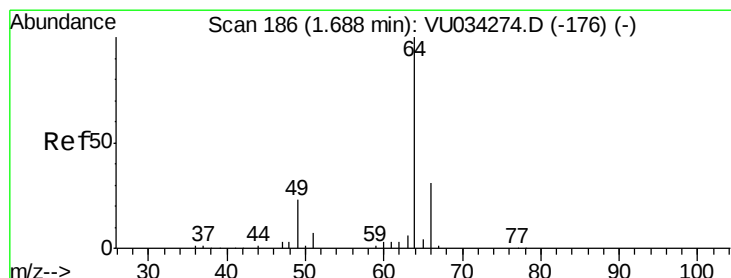
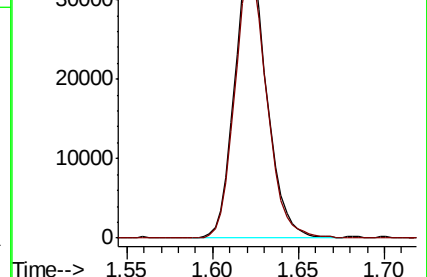
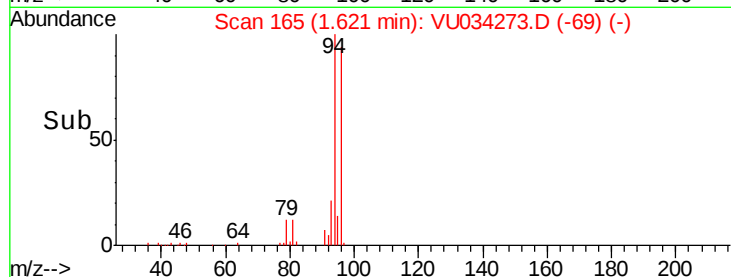


Abundance Ion 93.90 (93.60 to 94.60): VU034273.D (-162) (-)

Ion 95.90 (95.60 to 96.60): VU034273.D (-162) (-)

1.62

Time-->



#6

Chloroethane

Concen: 19.984 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU034273.D

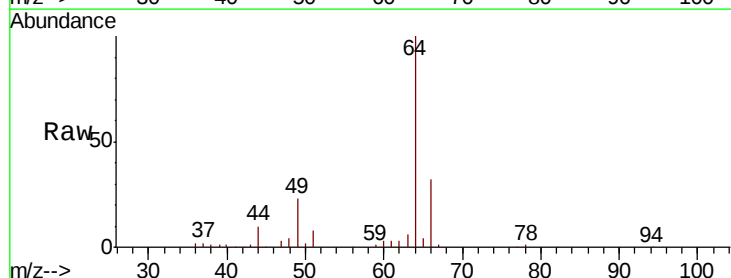
Acq: 05 Sep 2019 10:00

Tgt Ion: 64 Resp: 49714

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.6

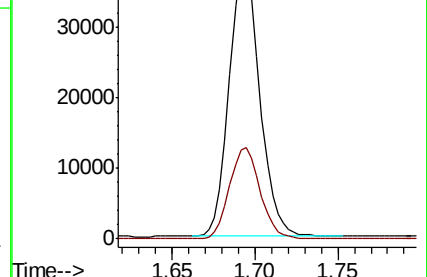
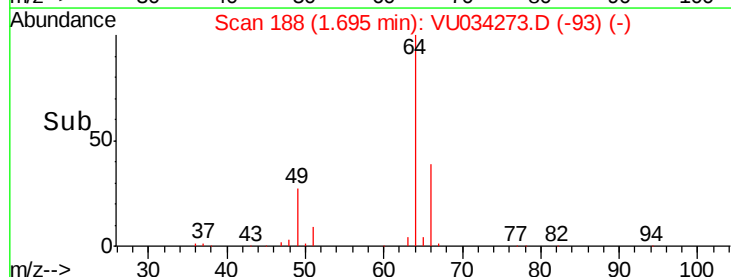


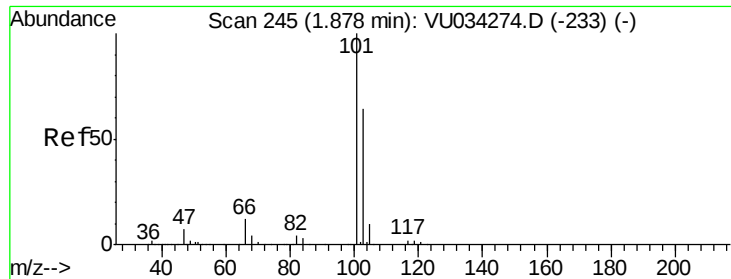
Abundance Ion 63.90 (63.60 to 64.60): VU034273.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VU034273.D (-186) (-)

1.69

Time-->



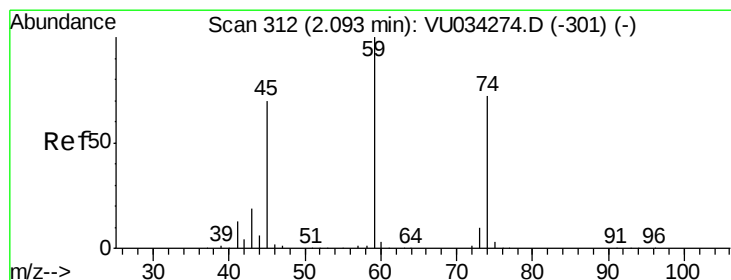
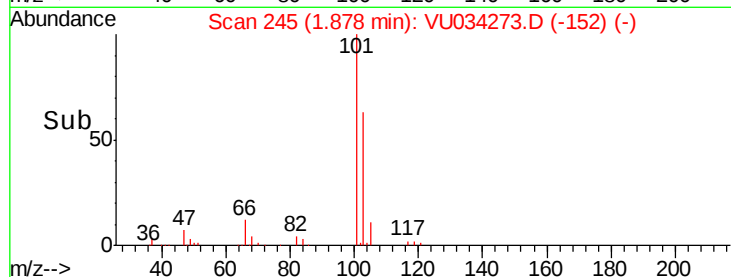
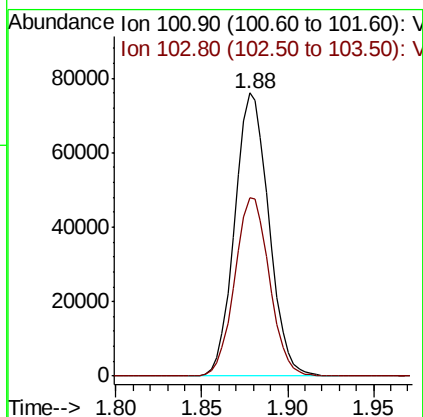
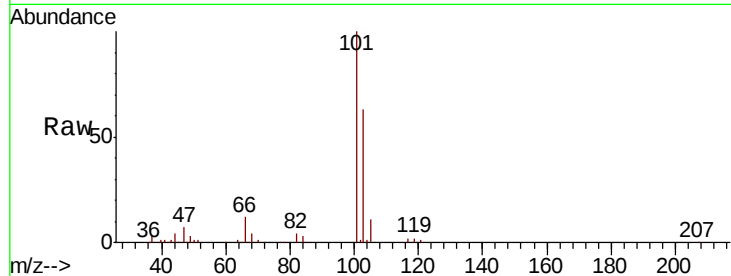


#7

Trichlorofluoromethane
 Concen: 22.077 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

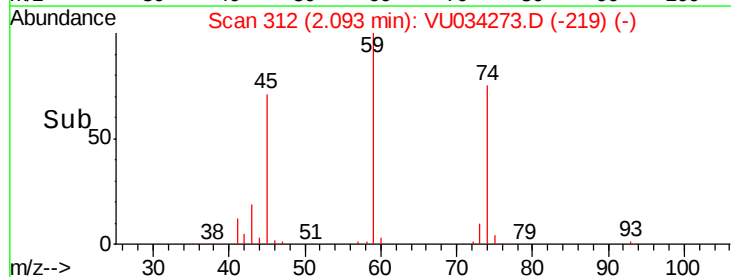
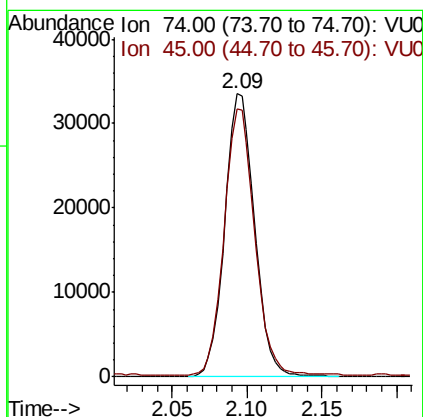
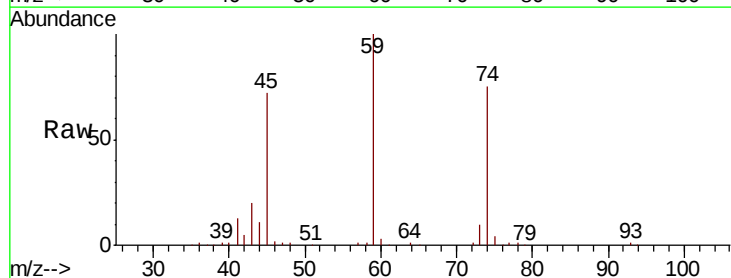
Tgt Ion:101 Resp: 105232
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.0 76.6



#8

Diethyl Ether
 Concen: 22.681 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion: 74 Resp: 46654
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.686 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

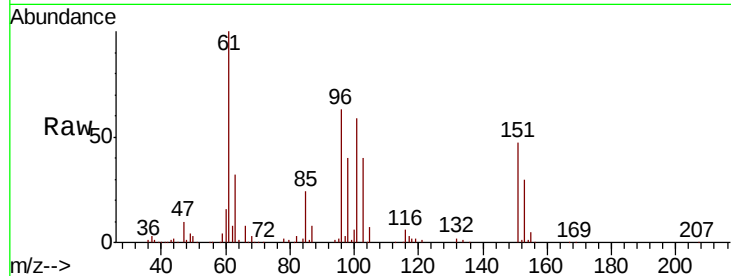
Tgt Ion:101 Resp: 68980

Ion Ratio Lower Upper

101 100

85 40.8 34.4 51.6

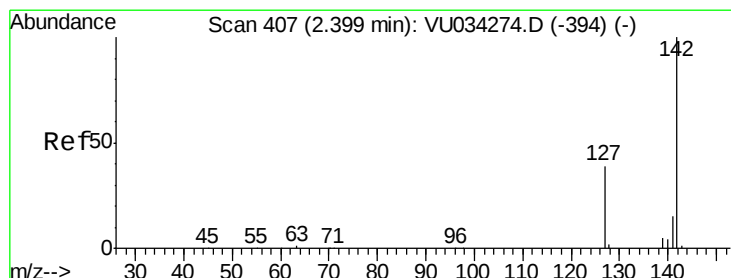
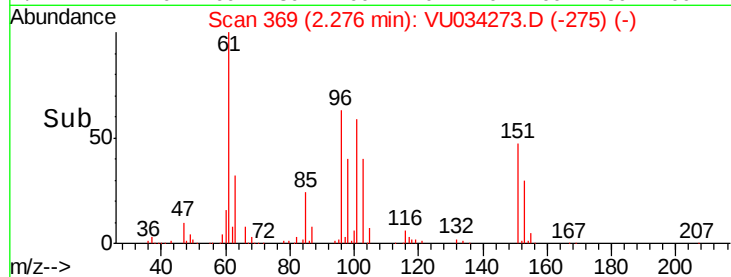
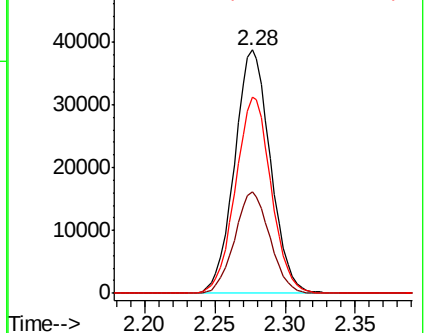
151 80.0 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.562 ug/l

RT: 2.40 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

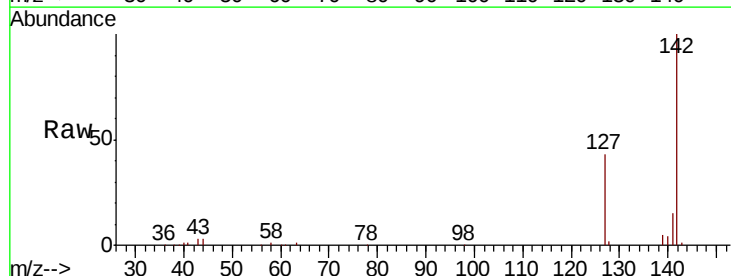
Tgt Ion:142 Resp: 53924

Ion Ratio Lower Upper

142 100

127 42.4 32.1 48.1

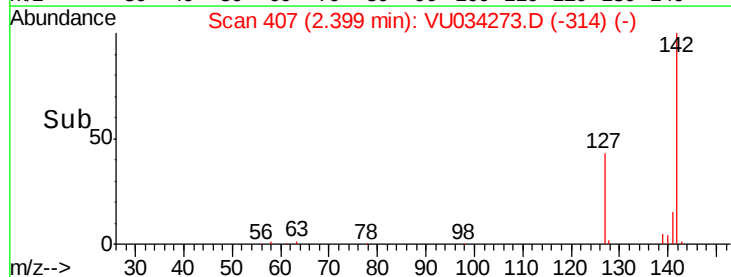
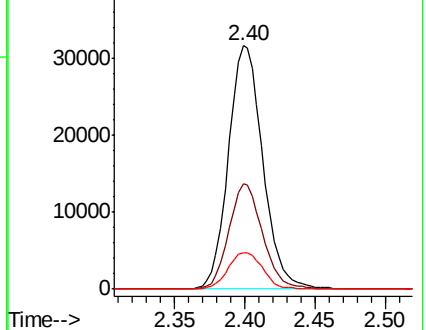
141 15.1 11.5 17.3

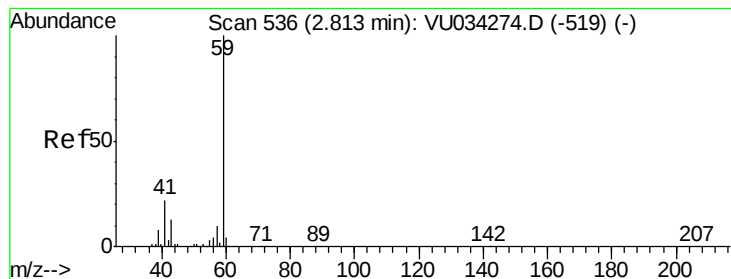


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.457 ug/l

RT: 2.81 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

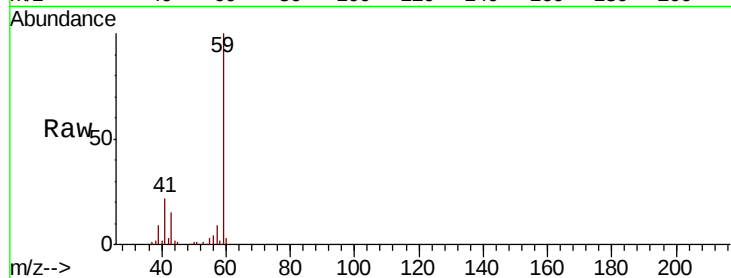
VSTDIC020

Tgt Ion: 59 Resp: 90606

Ion Ratio Lower Upper

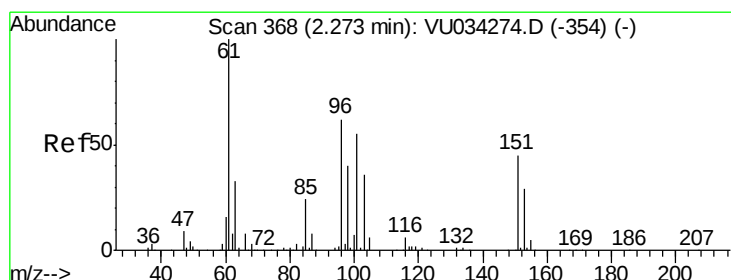
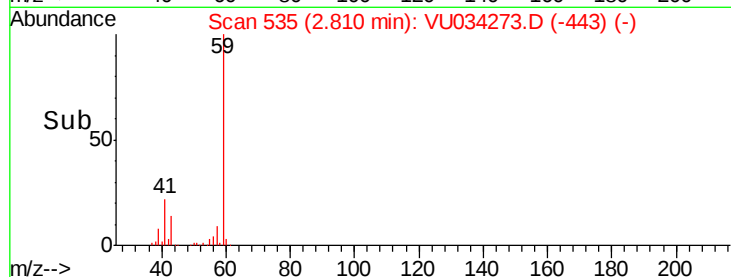
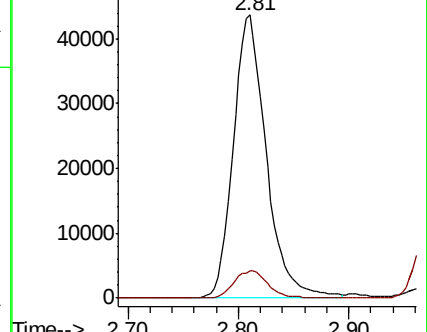
59 100

57 10.0 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VU034273.D (-443) (-)

Ion 57.00 (56.70 to 57.70): VU034273.D (-443) (-)



#12

1,1-Dichloroethene

Concen: 21.518 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

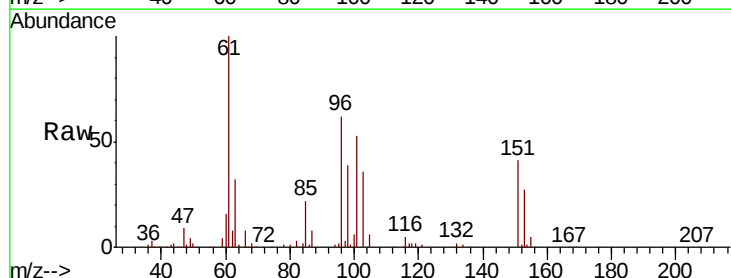
Tgt Ion: 96 Resp: 65925

Ion Ratio Lower Upper

96 100

61 161.1 130.0 195.0

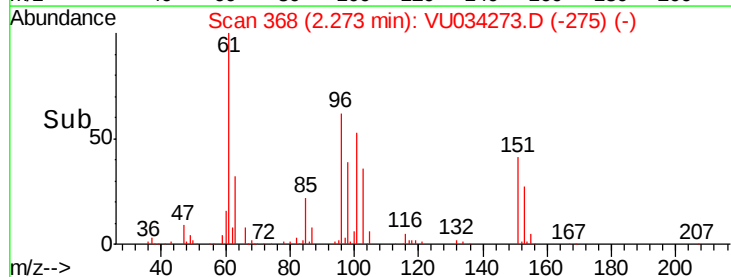
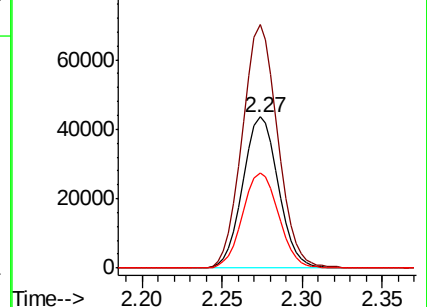
98 62.9 52.2 78.4

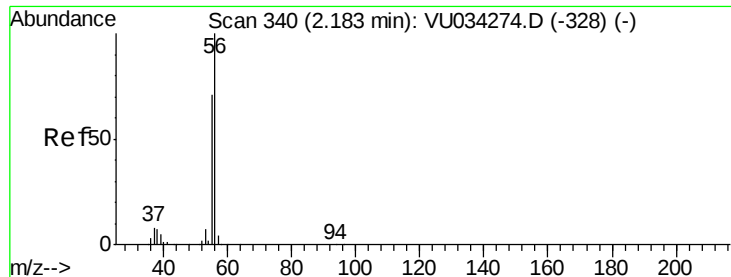


Abundance Ion 95.90 (95.60 to 96.60): VU034273.D (-275) (-)

Ion 60.90 (60.60 to 61.60): VU034273.D (-275) (-)

Ion 97.90 (97.60 to 98.60): VU034273.D (-275) (-)





#13

Acrolein

Concen: 175.882 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

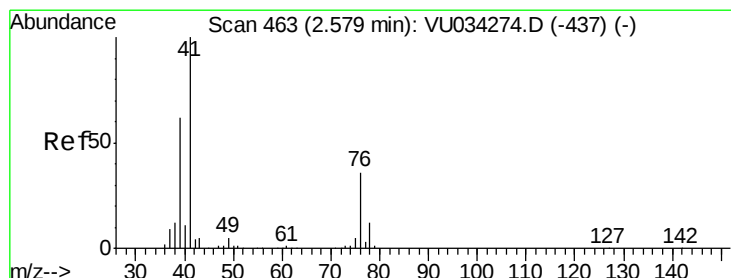
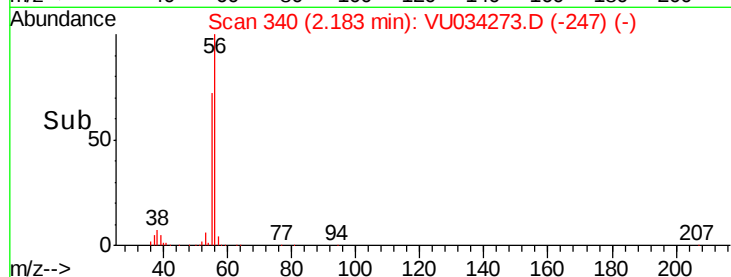
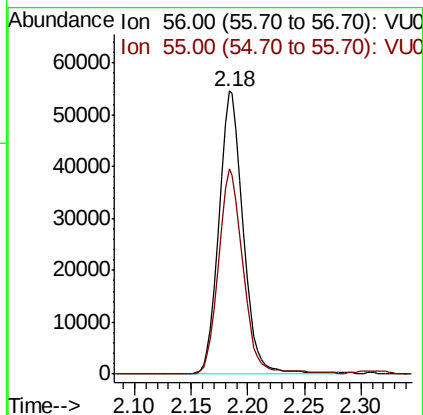
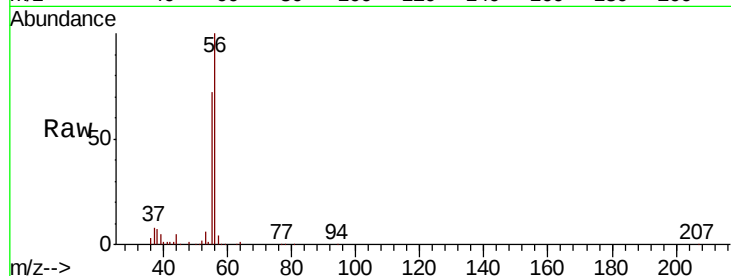
VSTDIC020

Tgt Ion: 56 Resp: 81752

Ion Ratio Lower Upper

56 100

55 72.5 57.4 86.2



#14

Allyl chloride

Concen: 18.551 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

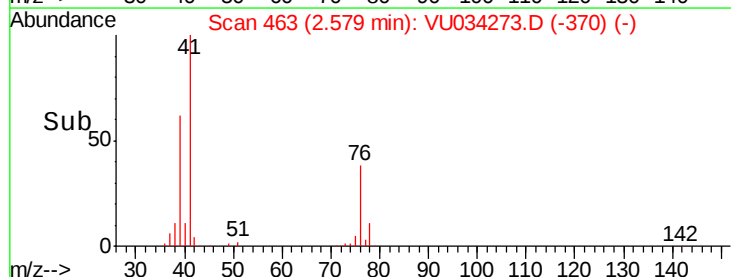
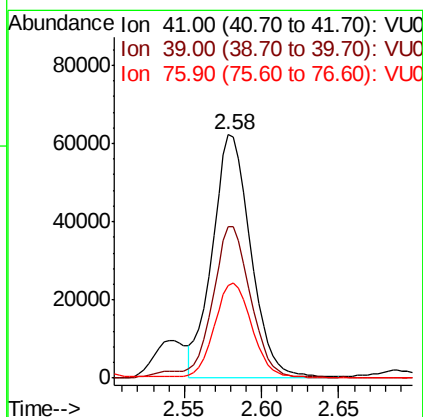
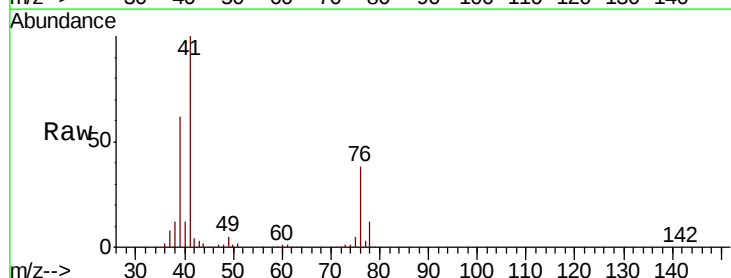
Tgt Ion: 41 Resp: 107288

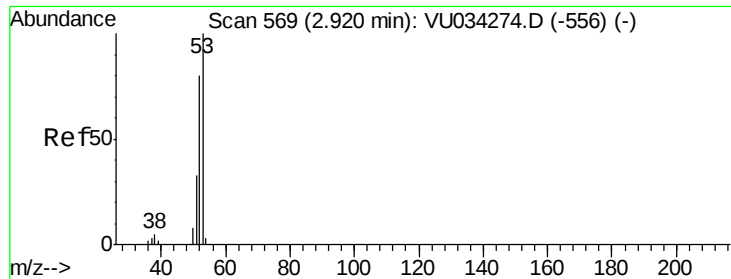
Ion Ratio Lower Upper

41 100

39 63.8 43.5 65.3

76 37.7 27.0 40.6





#15

Acrylonitrile

Concen: 116.924 ug/l

RT: 2.92 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

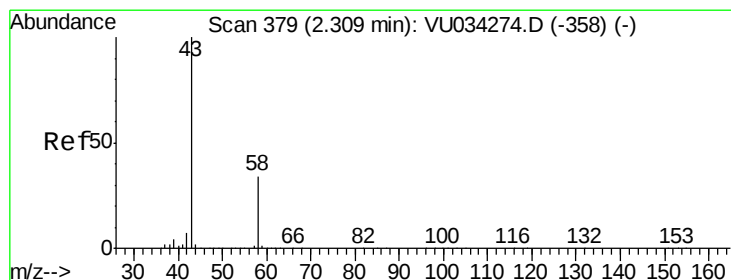
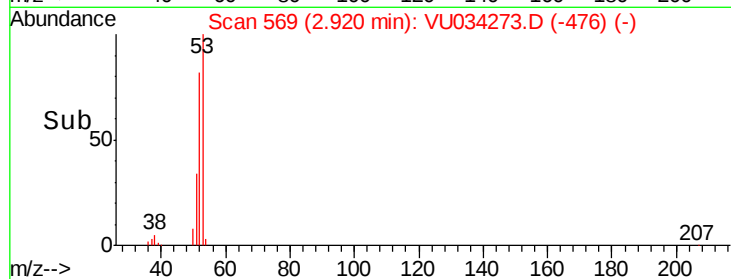
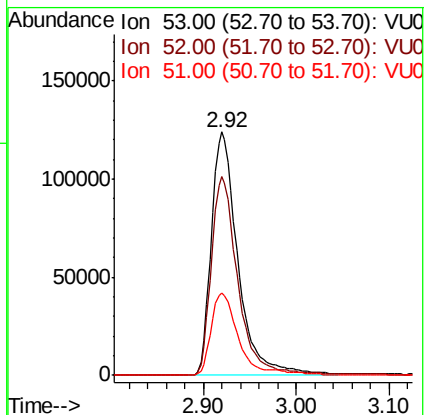
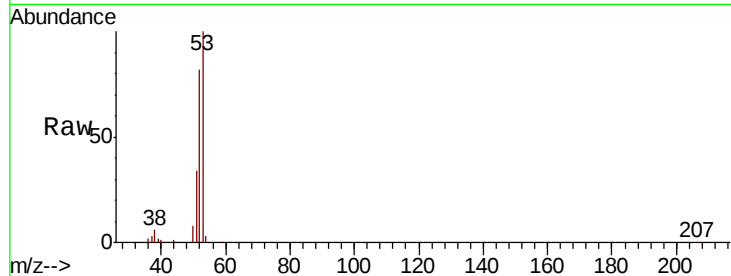
Tgt Ion: 53 Resp: 248433

Ion Ratio Lower Upper

53 100

52 81.7 64.1 96.1

51 32.9 27.4 41.0



#16

Acetone

Concen: 120.421 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034273.D

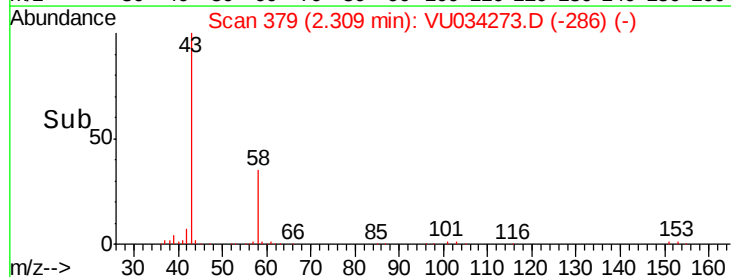
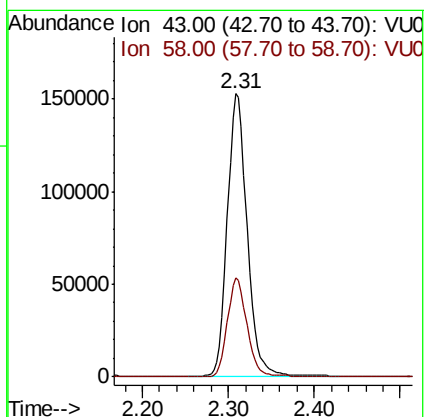
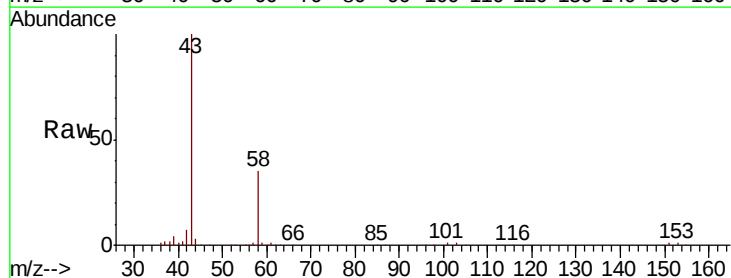
Acq: 05 Sep 2019 10:00

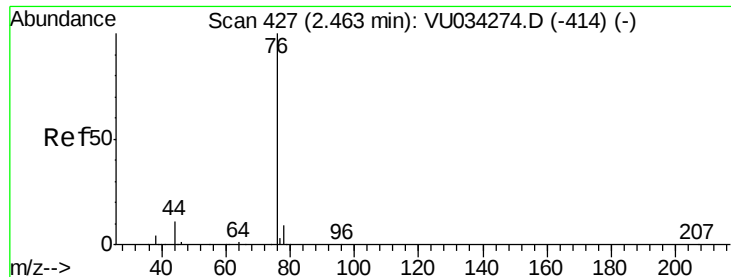
Tgt Ion: 43 Resp: 244959

Ion Ratio Lower Upper

43 100

58 35.0 27.6 41.4

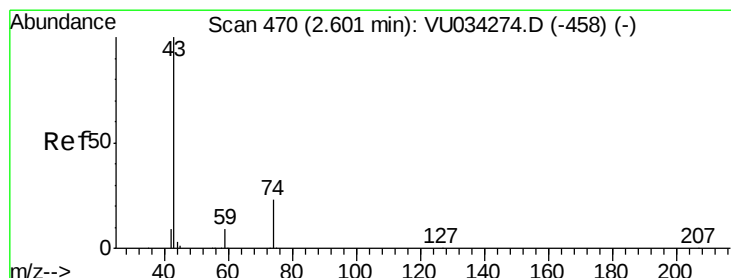
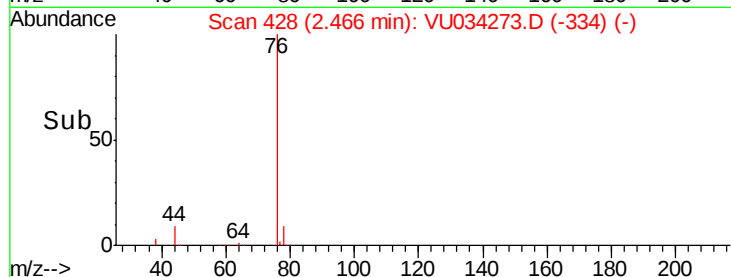
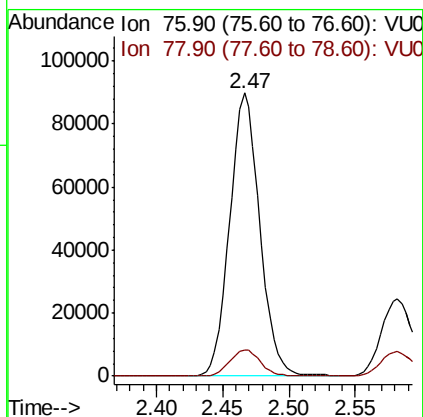
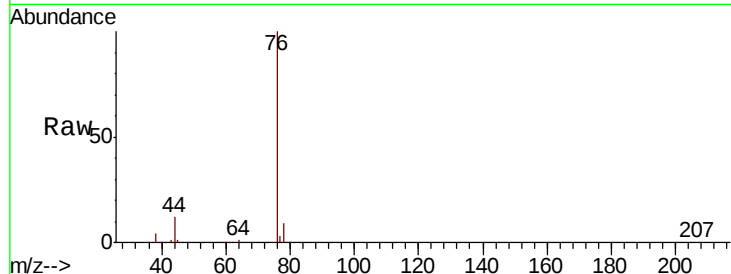




#17
Carbon Disulfide
Concen: 15.321 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

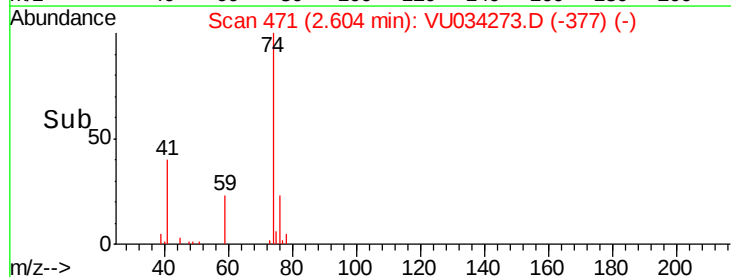
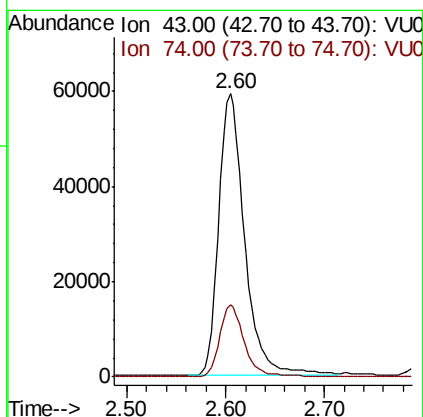
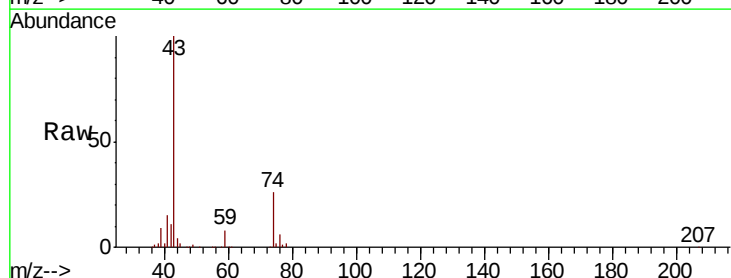
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

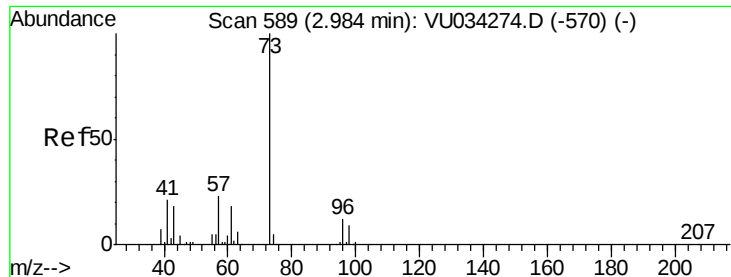
Tgt Ion: 76 Resp: 141443
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.882 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion: 43 Resp: 109754
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 23.613 ug/l

RT: 2.98 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

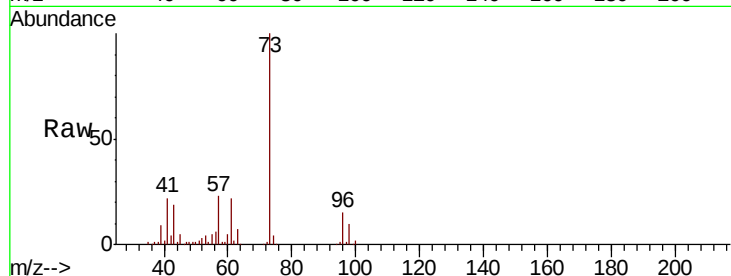
VSTDIC020

Tgt Ion: 73 Resp: 242393

Ion Ratio Lower Upper

73 100

57 23.1 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VU034273.D (-570) (-)

Ion 57.00 (56.70 to 57.70): VU034273.D (-570) (-)

2.98

120000

100000

80000

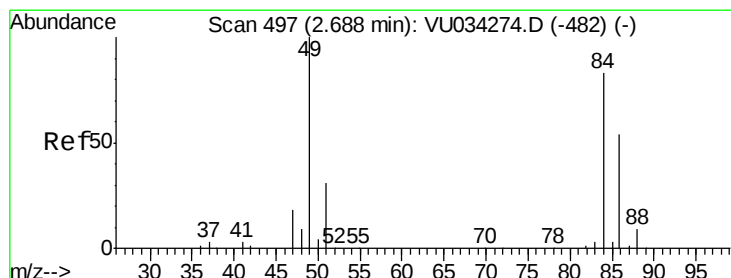
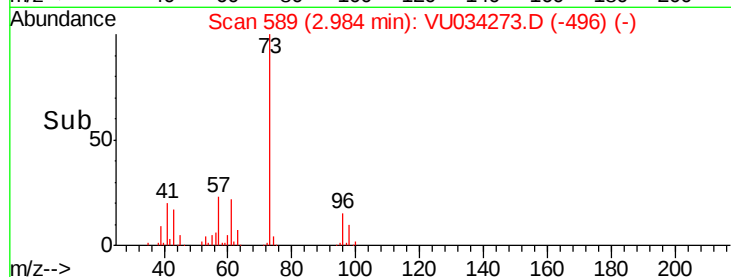
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 21.221 ug/l

RT: 2.69 min Scan# 497

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Tgt Ion: 84 Resp: 81232

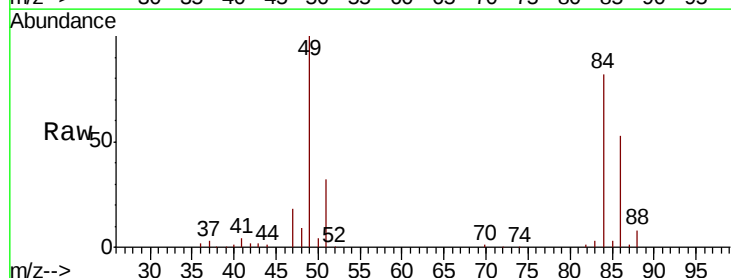
Ion Ratio Lower Upper

84 100

49 122.2 96.0 144.0

51 39.4 30.0 45.0

86 65.4 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VU034273.D (-404) (-)

Ion 48.90 (48.60 to 49.60): VU034273.D (-404) (-)

Ion 50.90 (50.60 to 51.60): VU034273.D (-404) (-)

Ion 85.90 (85.60 to 86.60): VU034273.D (-404) (-)

80000

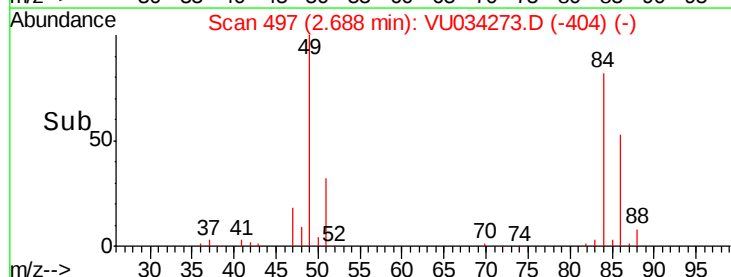
60000

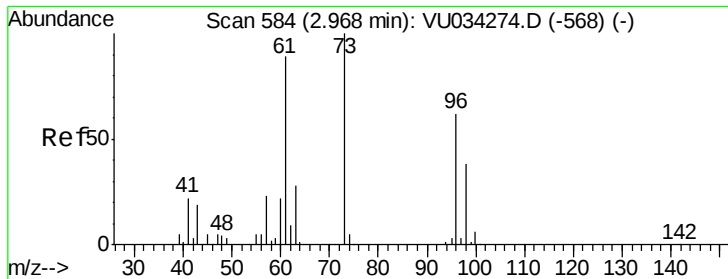
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.588 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

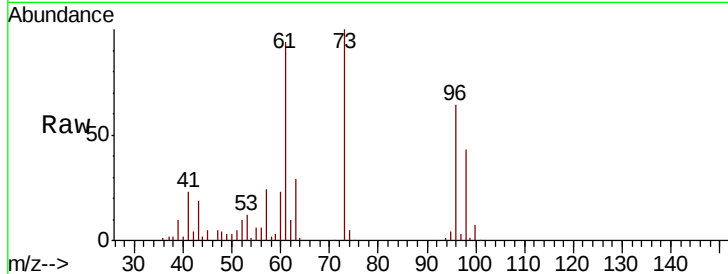
Tgt Ion: 96 Resp: 68064

Ion Ratio Lower Upper

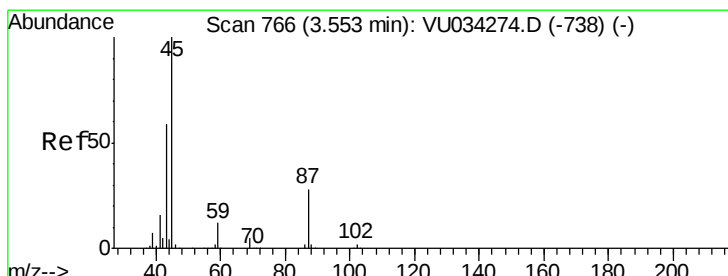
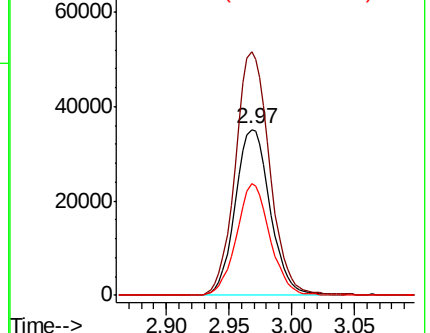
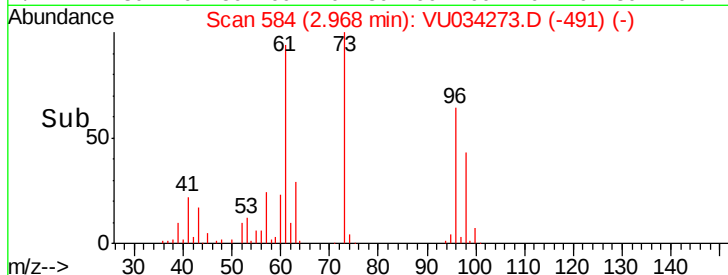
96 100

61 146.7 114.8 172.2

98 67.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034273.D (-491) (-)



#22

Diisopropyl ether

Concen: 23.994 ug/l

RT: 3.55 min Scan# 766

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Tgt Ion: 45 Resp: 258498

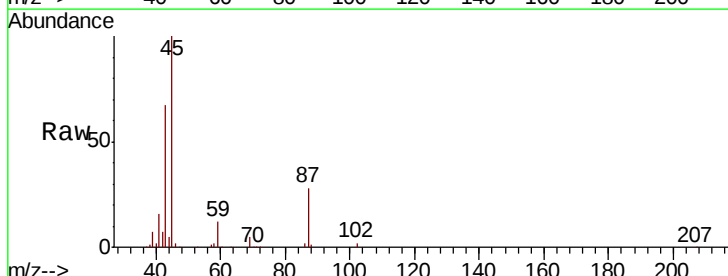
Ion Ratio Lower Upper

45 100

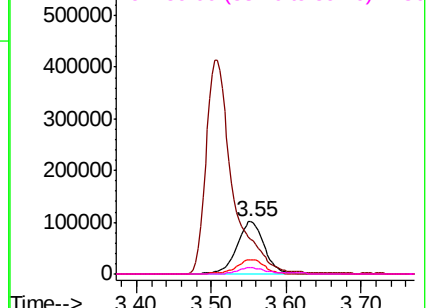
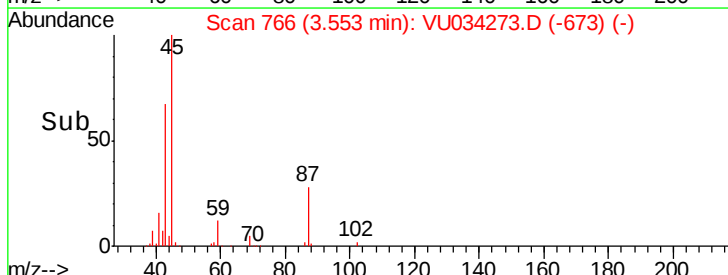
43 65.1 47.5 71.3

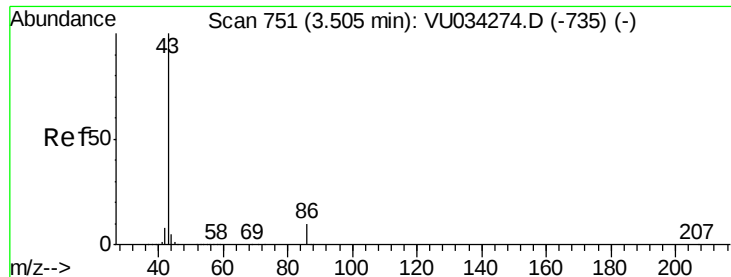
87 27.8 22.2 33.4

59 12.1 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034273.D (-673) (-)





#23

Vinyl Acetate

Concen: 112.252 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

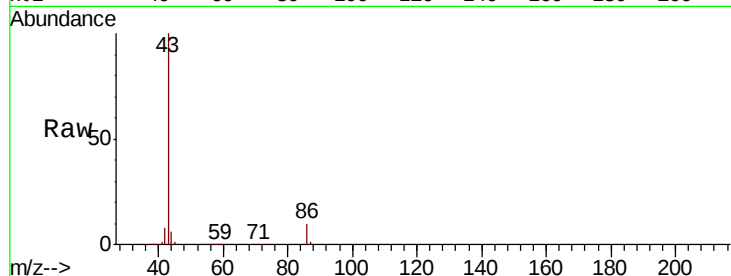
VSTDIC020

Tgt Ion: 43 Resp: 1029390

Ion Ratio Lower Upper

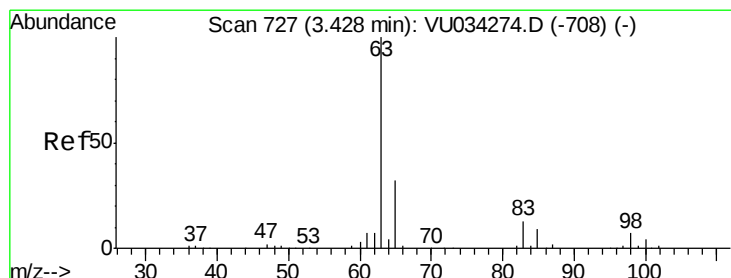
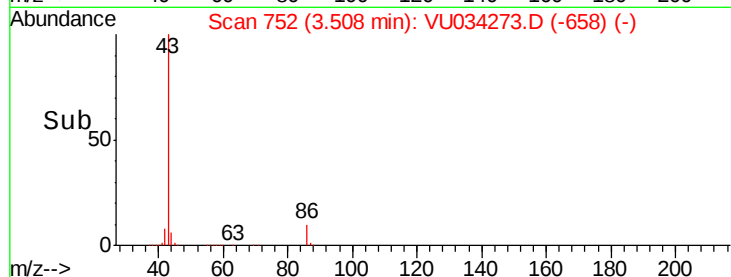
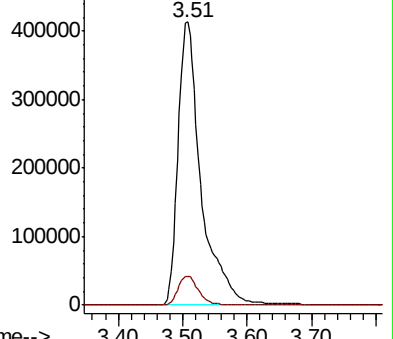
43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034273.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU034273.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 23.166 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

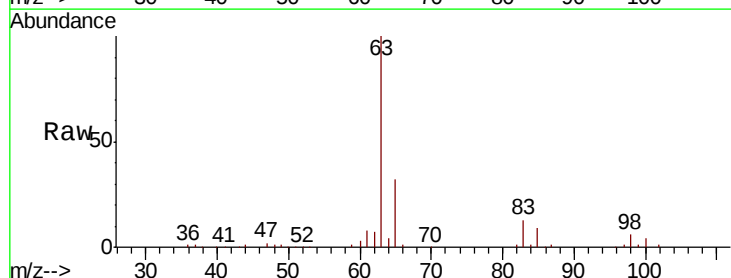
Tgt Ion: 63 Resp: 146621

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

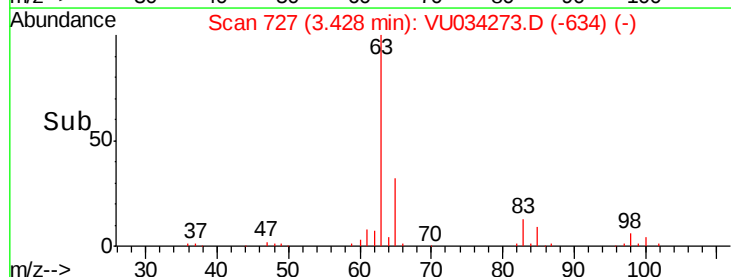
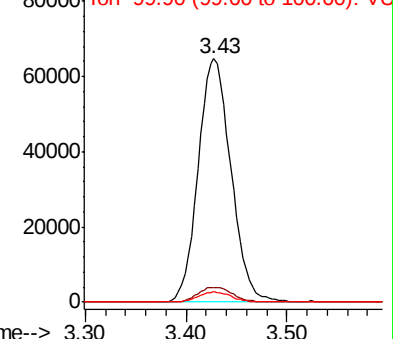
100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034273.D (-634) (-)

Ion 97.90 (97.60 to 98.60): VU034273.D (-634) (-)

Ion 99.90 (99.60 to 100.60): VU034273.D (-634) (-)





#25

2-Butanone

Concen: 116.295 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

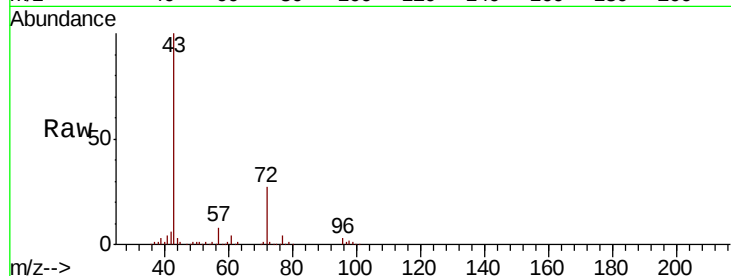
VSTDIC020

Tgt Ion: 43 Resp: 328820

Ion Ratio Lower Upper

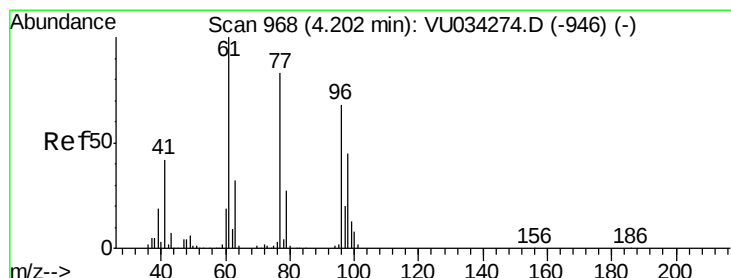
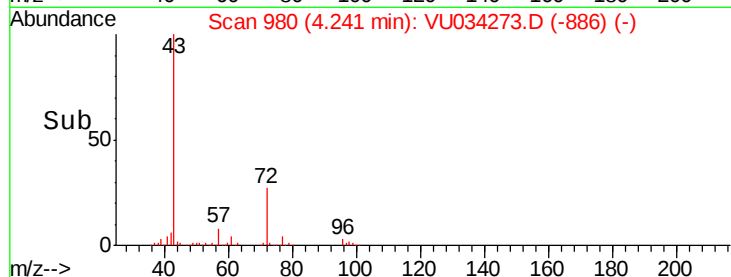
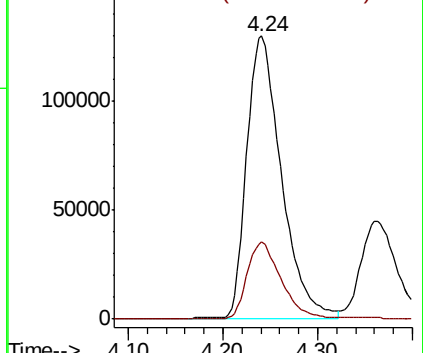
43 100

72 27.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034273.D (-980) (-)

Ion 72.00 (71.70 to 72.70): VU034273.D (-980) (-)



#26

2,2-Dichloropropane

Concen: 22.816 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034273.D

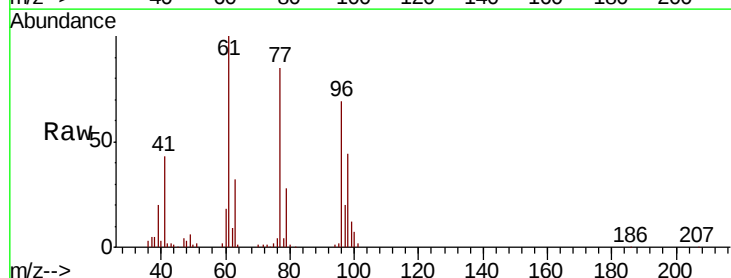
Acq: 05 Sep 2019 10:00

Tgt Ion: 77 Resp: 117344

Ion Ratio Lower Upper

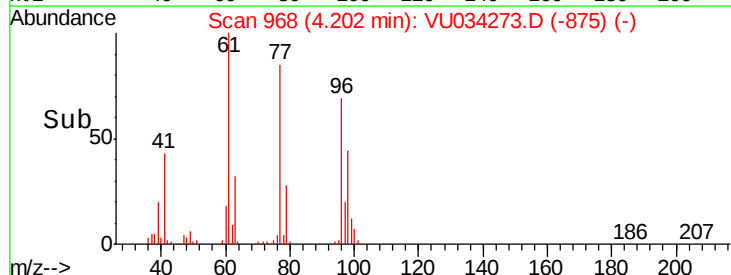
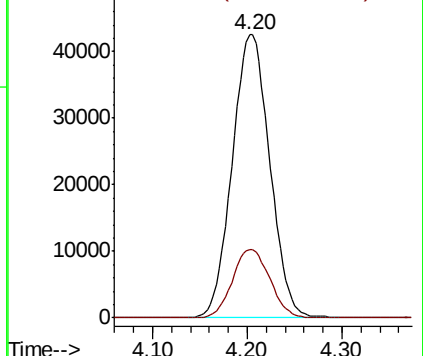
77 100

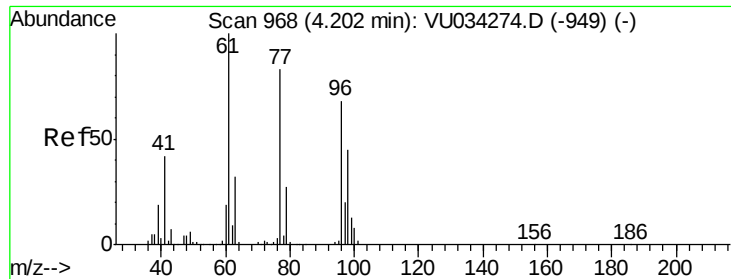
97 24.1 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034273.D (-968) (-)

Ion 96.90 (96.60 to 97.60): VU034273.D (-968) (-)





#27

cis-1,2-Dichloroethene

Concen: 22.146 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

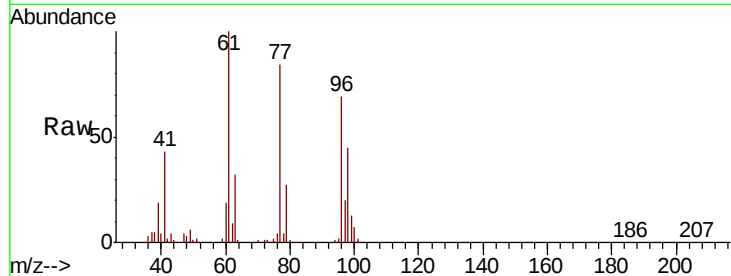
Tgt Ion: 96 Resp: 83626

Ion Ratio Lower Upper

96 100

61 149.9 0.0 297.4

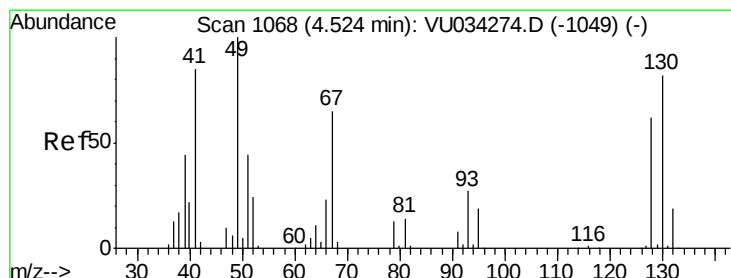
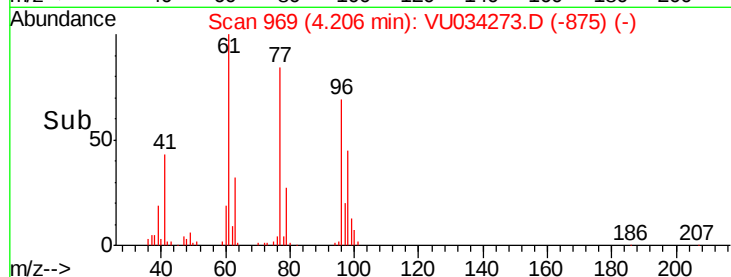
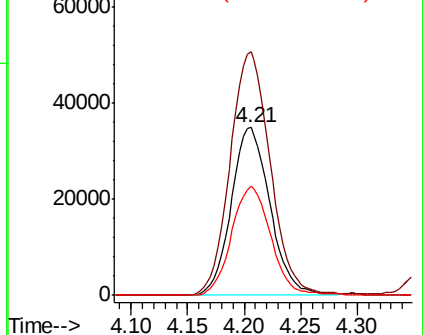
98 65.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VU034273.D (-949) (-)

Ion 60.90 (60.60 to 61.60): VU034273.D (-949) (-)

Ion 97.90 (97.60 to 98.60): VU034273.D (-949) (-)



#28

Bromochloromethane

Concen: 21.738 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

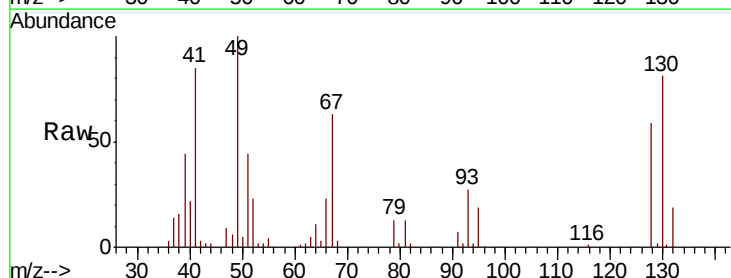
Tgt Ion: 49 Resp: 68193

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

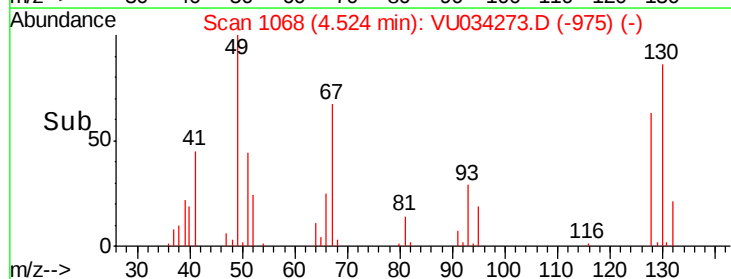
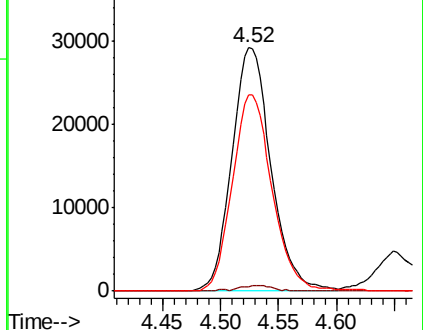
130 81.6 65.2 97.8

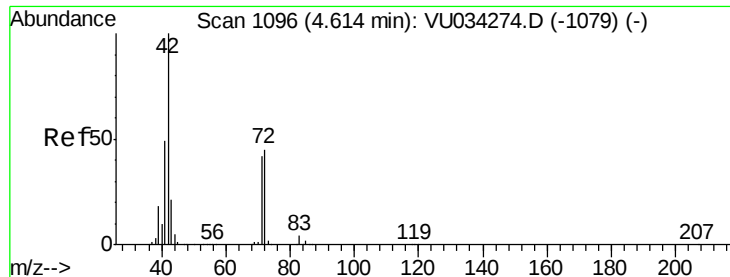


Abundance Ion 48.90 (48.60 to 49.60): VU034273.D (-949) (-)

Ion 128.80 (128.50 to 129.50): VU034273.D (-949) (-)

Ion 129.80 (129.50 to 130.50): VU034273.D (-949) (-)





#29

Tetrahydrofuran

Concen: 114.985 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

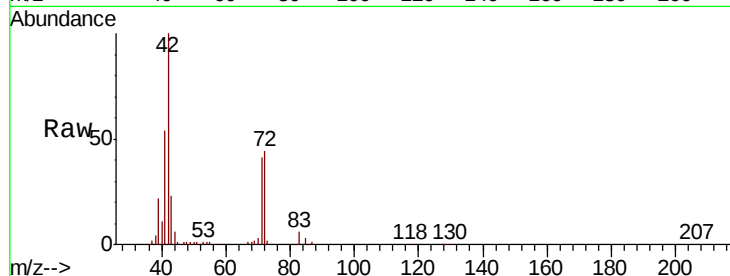
Tgt Ion: 42 Resp: 200552

Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

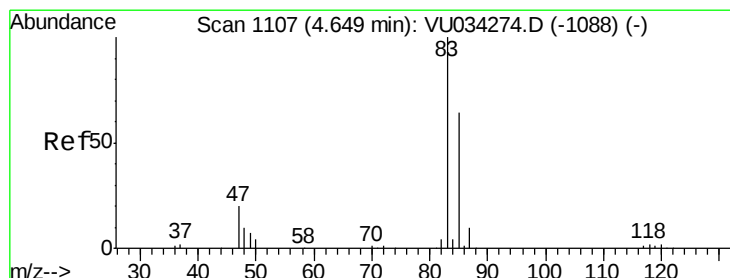
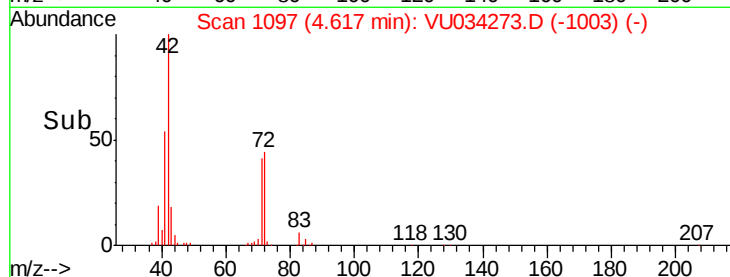
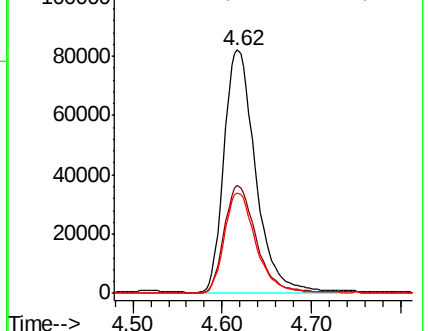
71 42.0 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034273.D (-1096) (-)

Ion 72.00 (71.70 to 72.70): VU034273.D (-1096) (-)

Ion 71.00 (70.70 to 71.70): VU034273.D (-1096) (-)



#30

Chloroform

Concen: 23.208 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034273.D

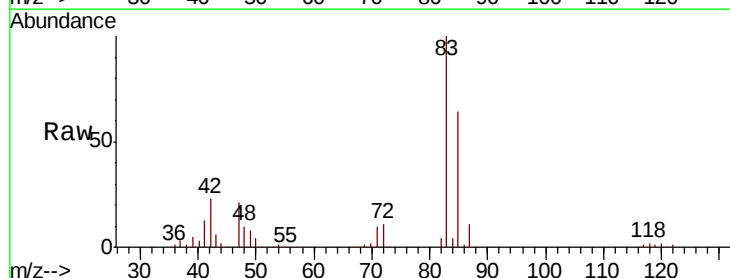
Acq: 05 Sep 2019 10:00

Tgt Ion: 83 Resp: 147690

Ion Ratio Lower Upper

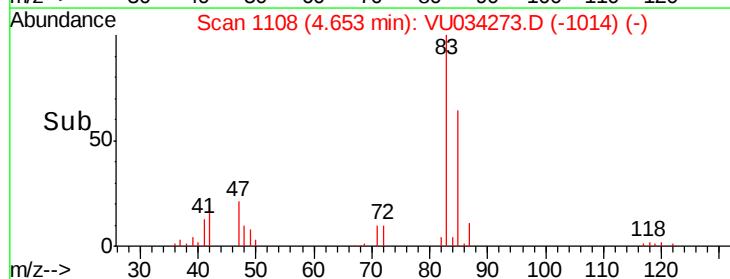
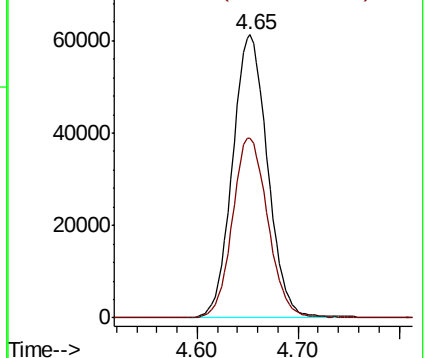
83 100

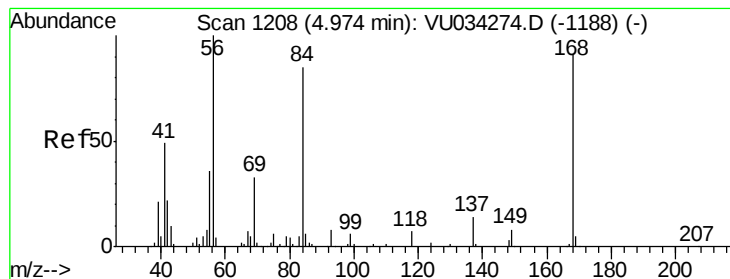
85 63.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034273.D (-1107) (-)

Ion 84.90 (84.60 to 85.60): VU034273.D (-1107) (-)





#31

Cyclohexane

Concen: 18.826 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

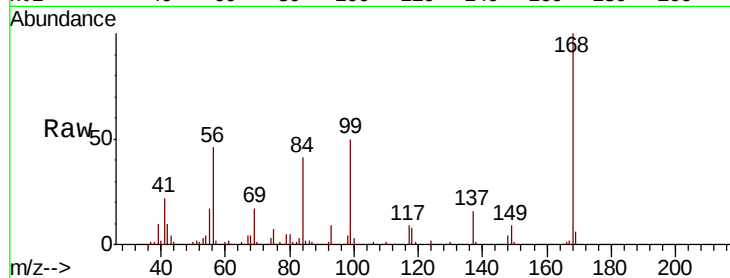
Tgt Ion: 56 Resp: 107328

Ion Ratio Lower Upper

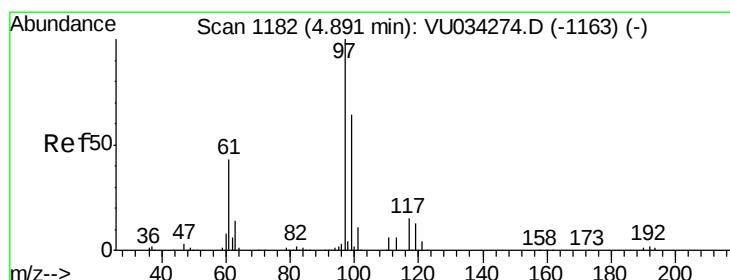
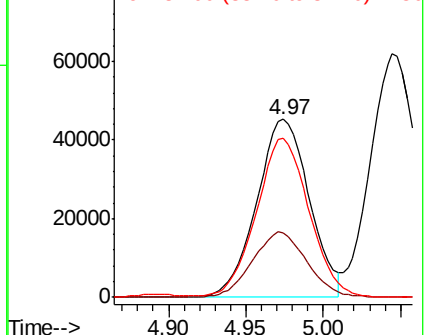
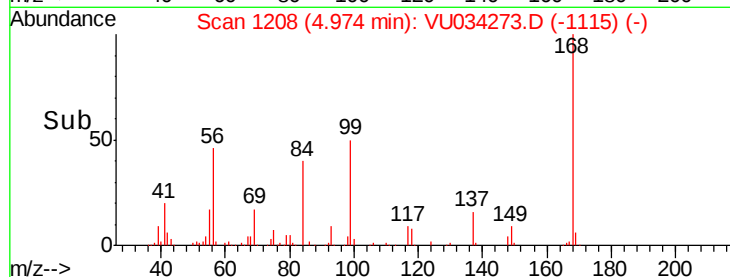
56 100

69 36.4 26.7 40.1

84 88.2 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU034273.D (-1115) (-)



#32

1,1,1-Trichloroethane

Concen: 23.326 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

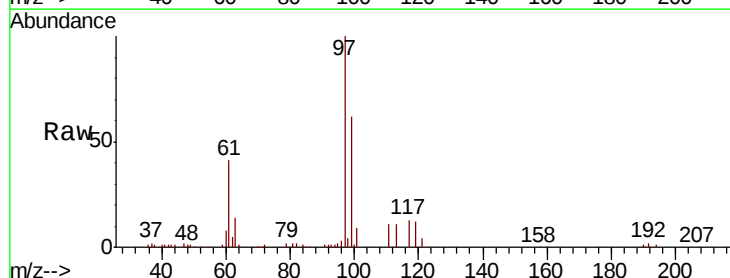
Tgt Ion: 97 Resp: 120729

Ion Ratio Lower Upper

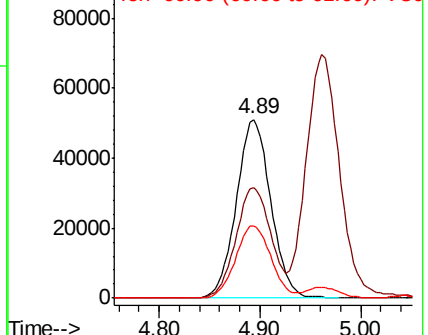
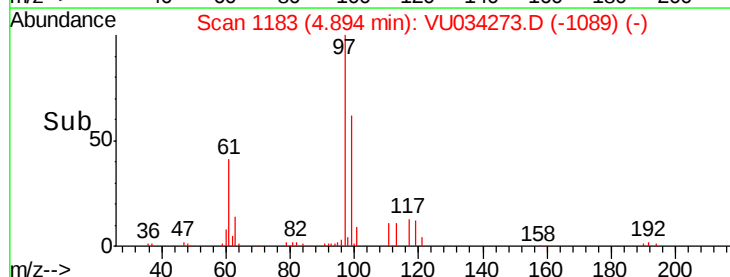
97 100

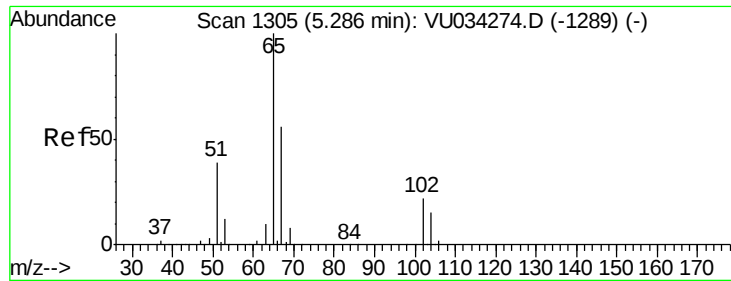
99 63.1 50.9 76.3

61 41.9 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VU034273.D (-1089) (-)

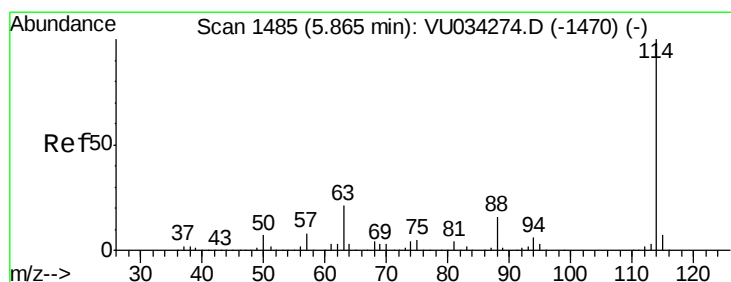
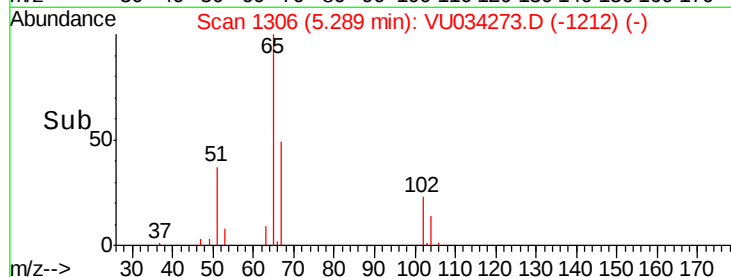
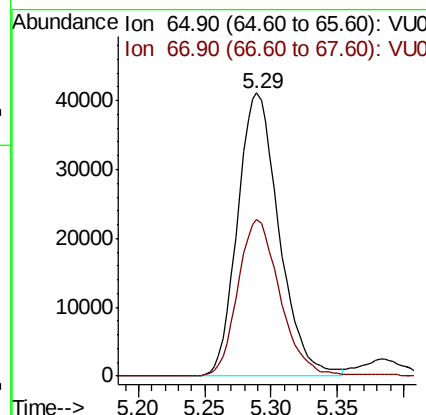
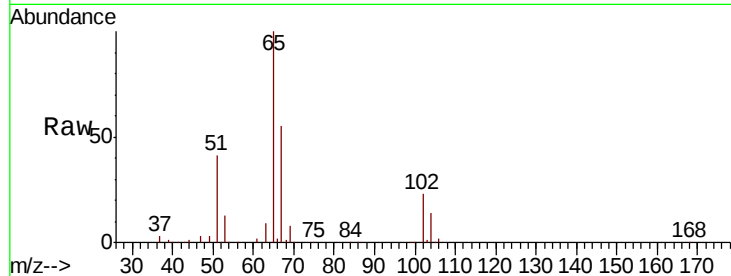




#33
 1,2-Dichloroethane-d4
 Concen: 22.014 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

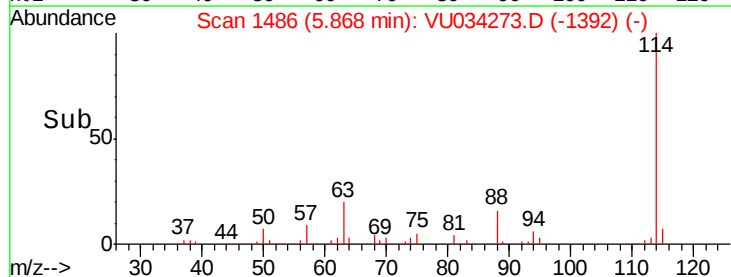
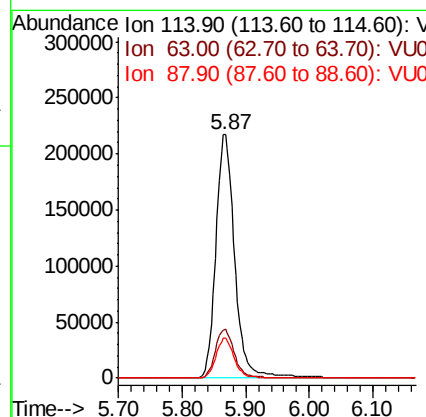
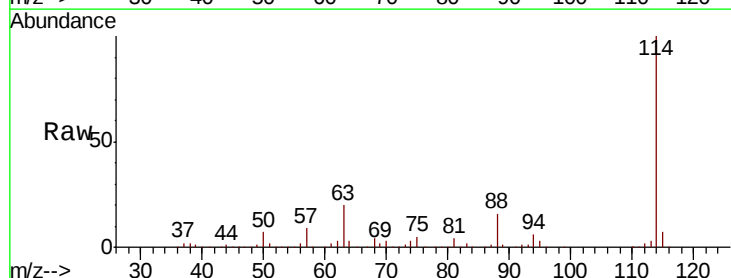
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

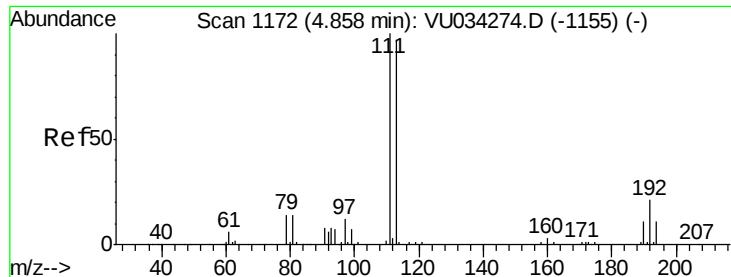
Tgt Ion: 65 Resp: 89490
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion: 114 Resp: 448497
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 16.5 0.0 32.4

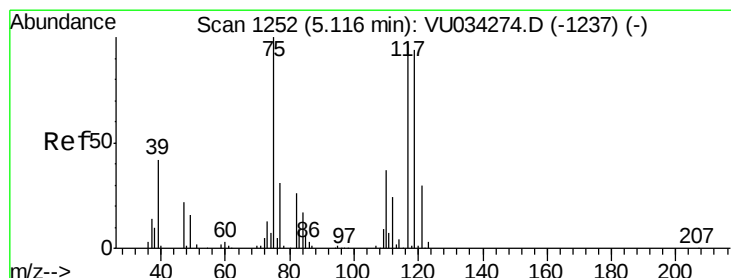
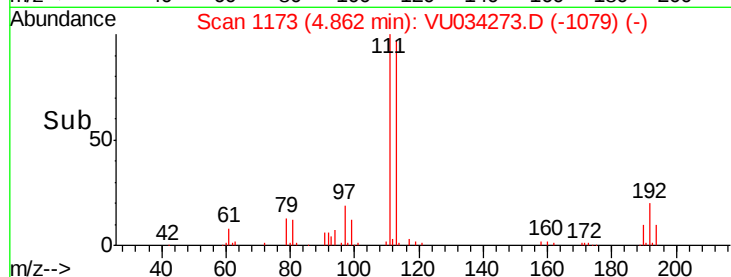
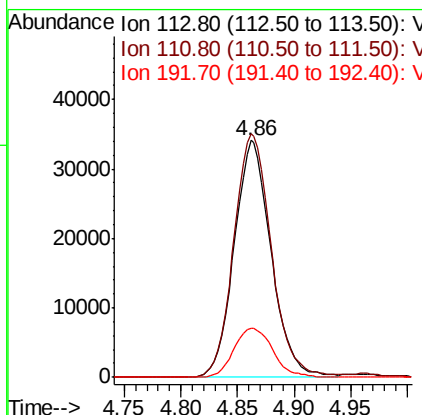
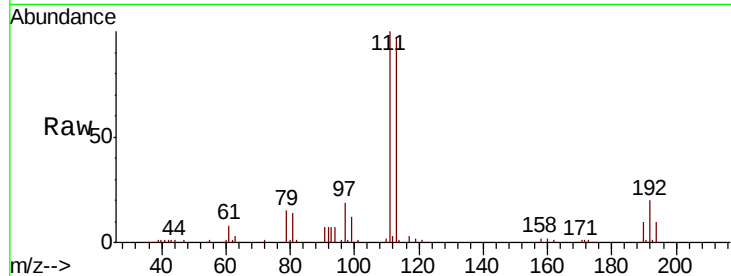




#35
 Dibromofluoromethane
 Concen: 23.558 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

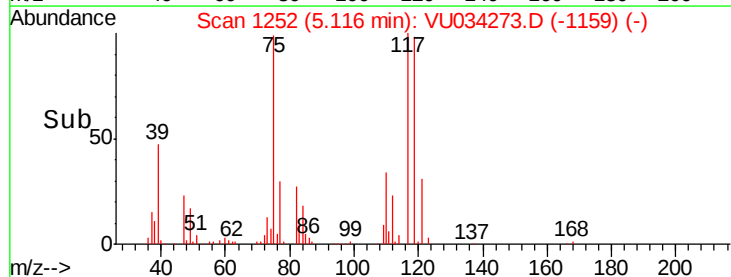
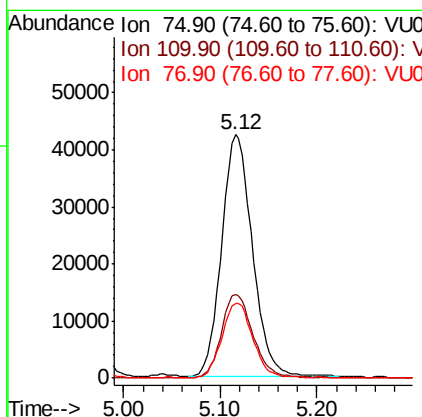
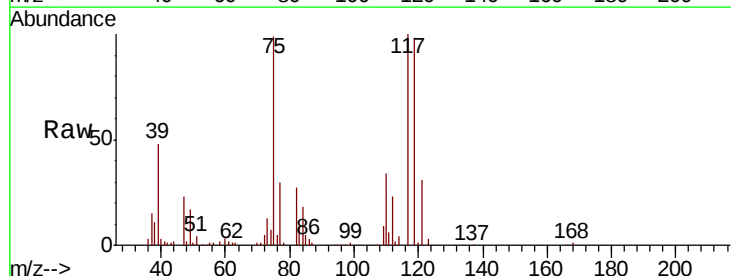
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

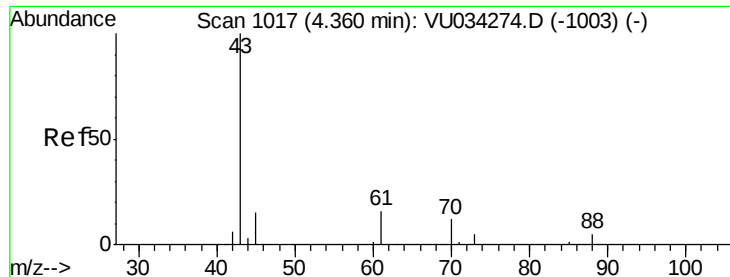
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.5	122.3
192	21.9	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 22.118 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.3	54.9
77	30.6	24.9	37.3





#37

Ethyl Acetate

Concen: 24.091 ug/l

RT: 4.36 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

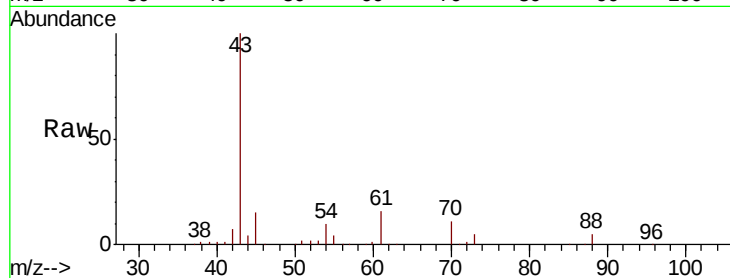
Tgt Ion: 43 Resp: 116212

Ion Ratio Lower Upper

43 100

61 13.6 12.3 18.5

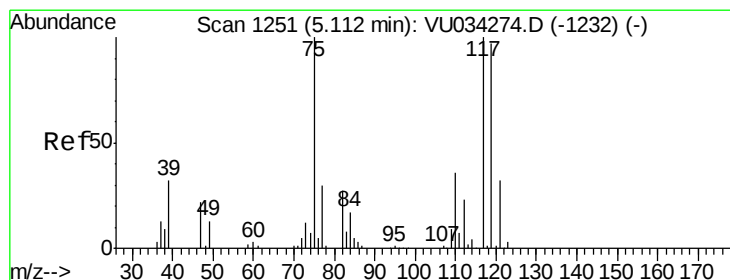
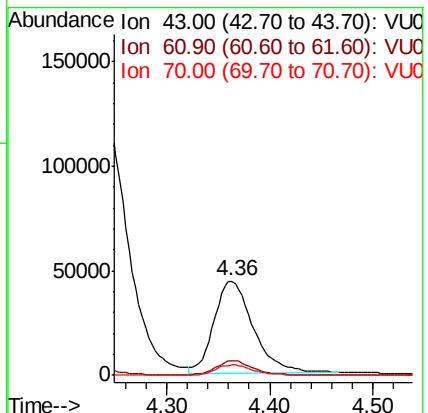
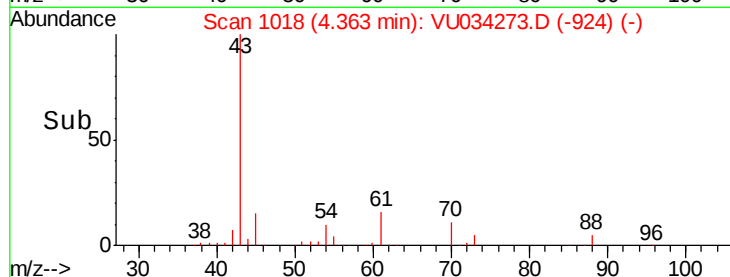
70 11.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VU034273.D (-1158) (-)

Ion 60.90 (60.60 to 61.60): VU034273.D (-1158) (-)

Ion 70.00 (69.70 to 70.70): VU034273.D (-1158) (-)



#38

Carbon Tetrachloride

Concen: 23.992 ug/l

RT: 5.12 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

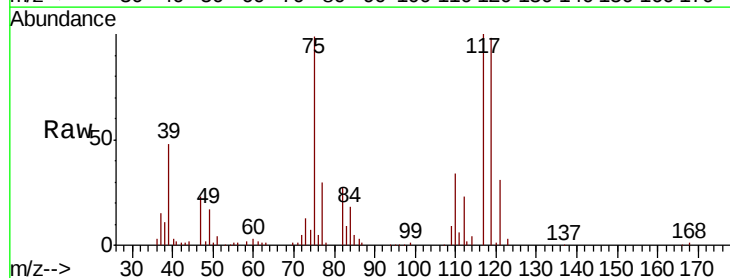
Tgt Ion: 117 Resp: 100140

Ion Ratio Lower Upper

117 100

119 98.6 77.8 116.6

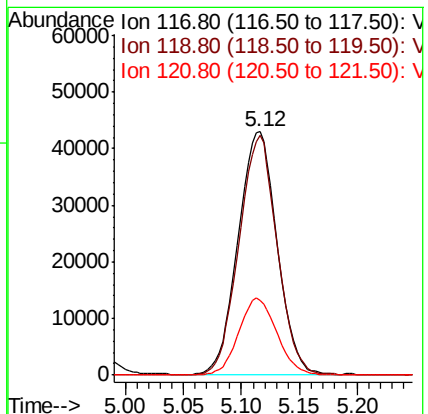
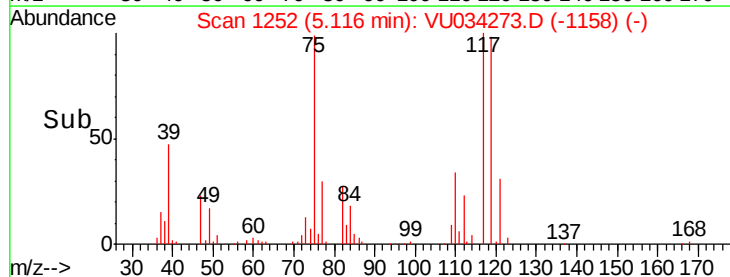
121 30.6 25.2 37.8

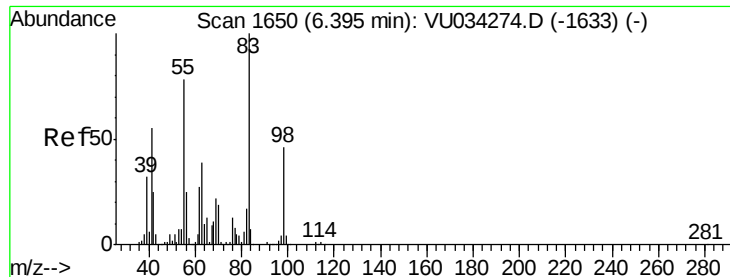


Abundance Ion 116.80 (116.50 to 117.50): VU034273.D (-1158) (-)

Ion 118.80 (118.50 to 119.50): VU034273.D (-1158) (-)

Ion 120.80 (120.50 to 121.50): VU034273.D (-1158) (-)

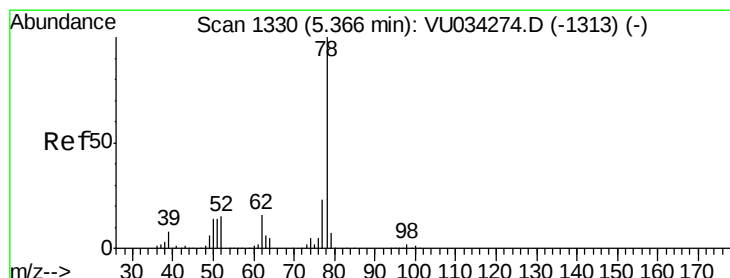
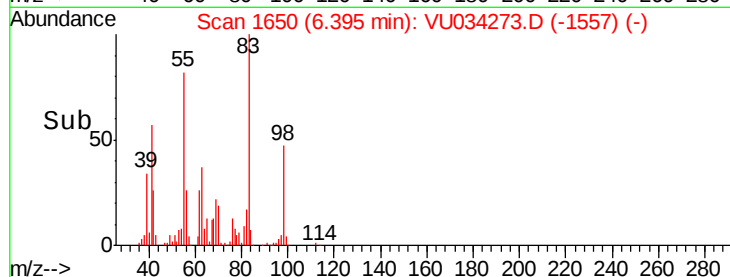
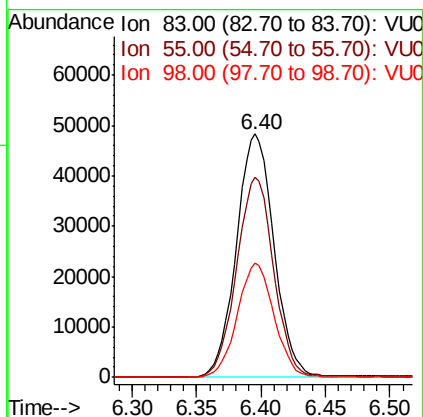
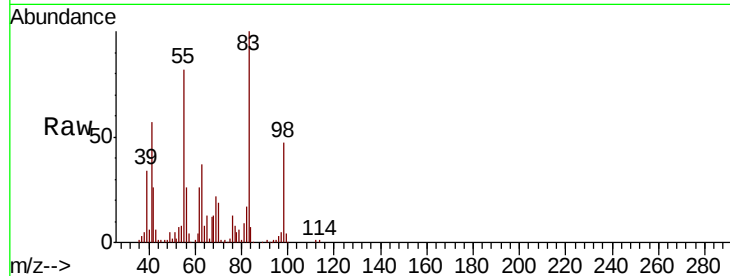




#39
Methylcyclohexane
Concen: 19.953 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

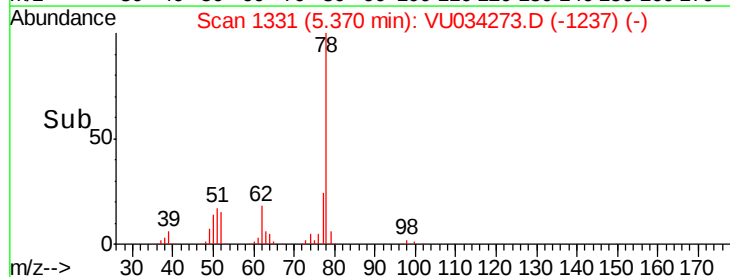
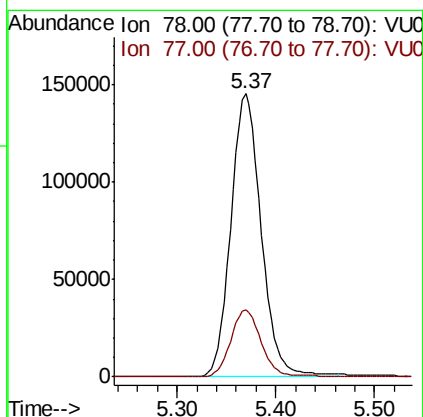
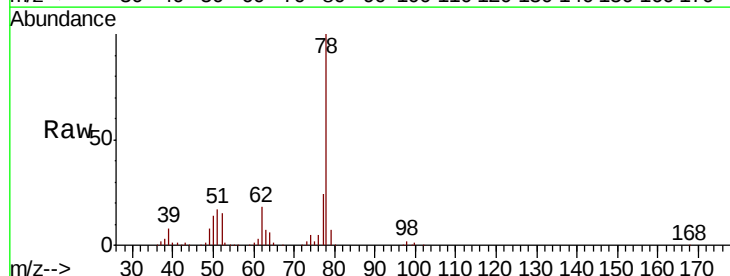
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

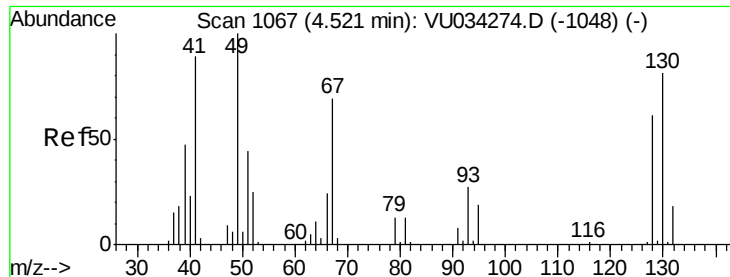
Tgt Ion: 83 Resp: 98163
Ion Ratio Lower Upper
83 100
55 82.4 62.1 93.1
98 47.2 37.0 55.6



#40
Benzene
Concen: 23.946 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion: 78 Resp: 311936
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

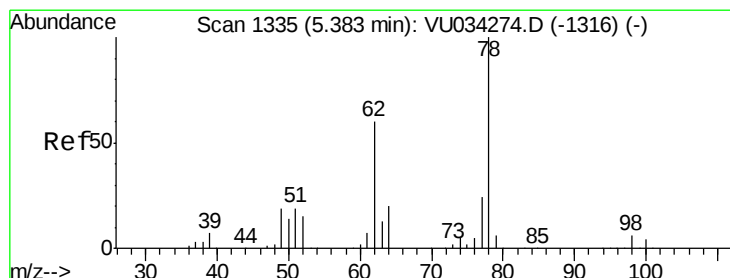
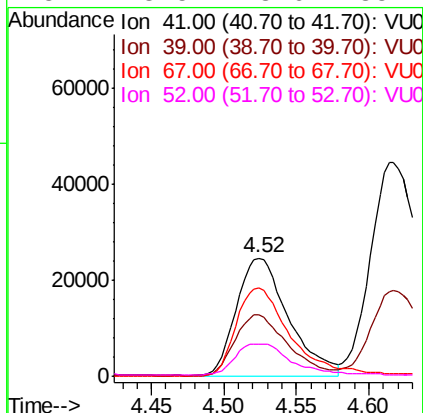
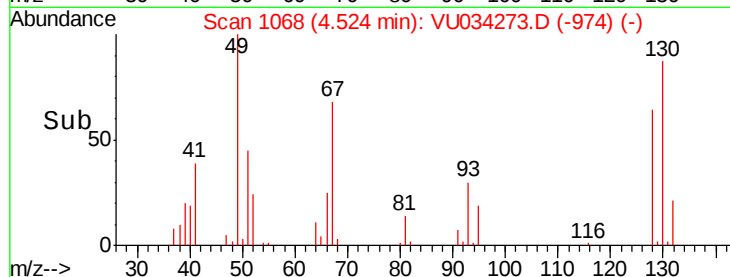
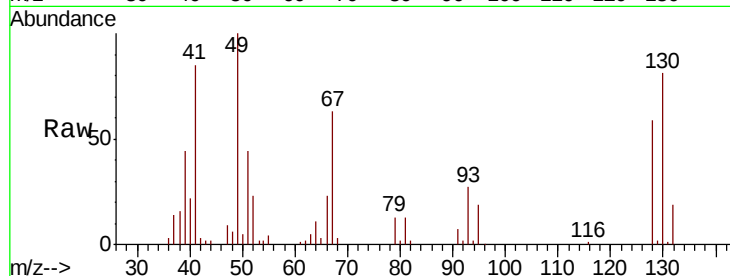




#41
Methacrylonitrile
Concen: 24.518 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

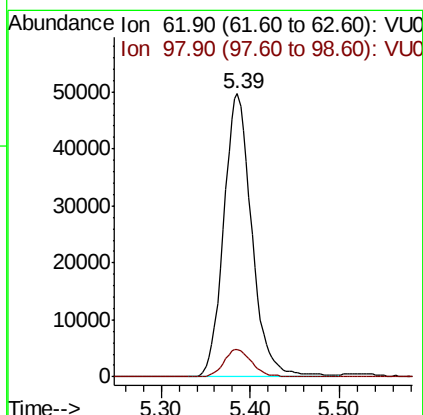
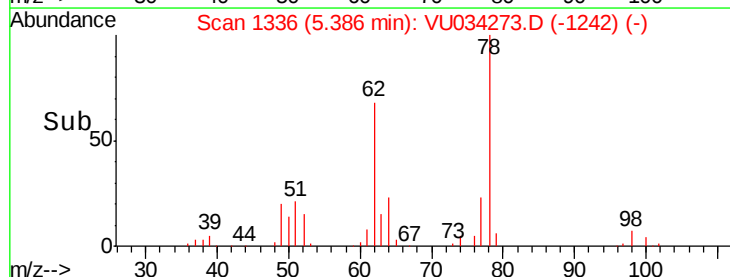
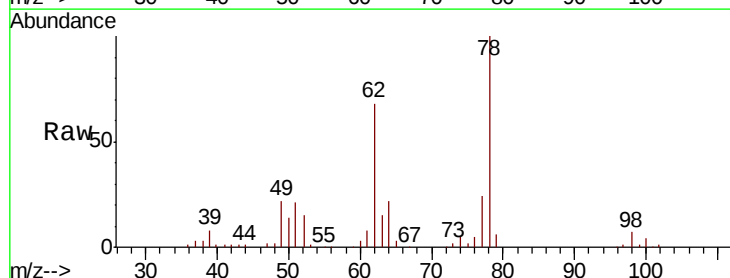
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

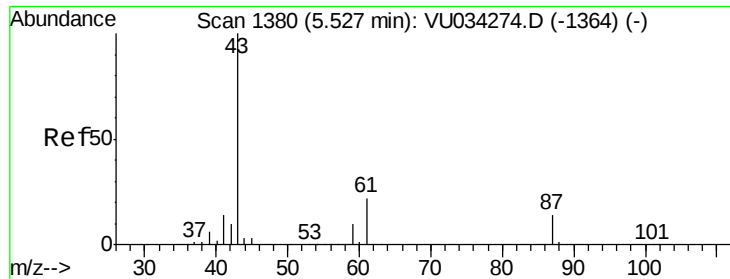
Tgt Ion:	41	Resp:	61281
Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.0	61.4
67	79.1	62.4	93.6
52	28.5	23.6	35.4



#42
1,2-Dichloroethane
Concen: 24.162 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion:	62	Resp:	108579
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 23.672 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

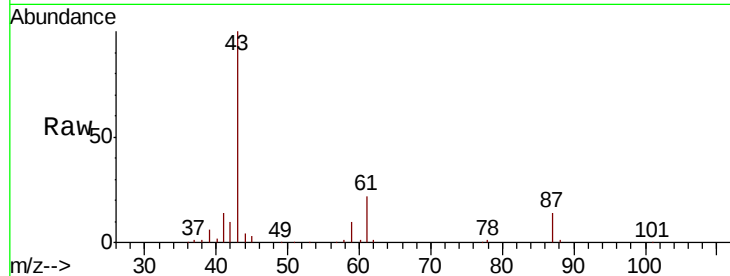
Tgt Ion: 43 Resp: 174643

Ion Ratio Lower Upper

43 100

61 20.6 17.1 25.7

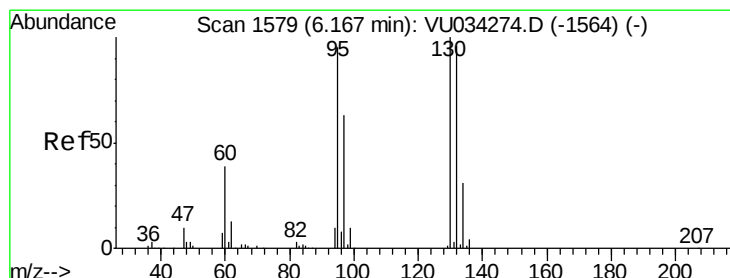
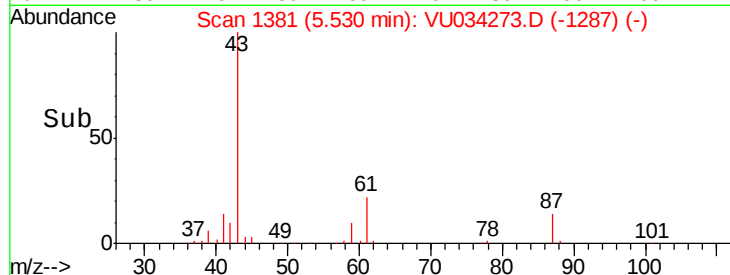
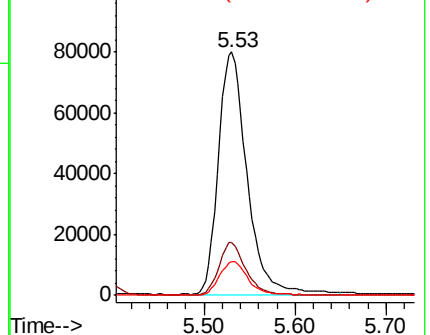
87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034273.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034273.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034273.D (-1287) (-)



#44

Trichloroethene

Concen: 24.637 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VU034273.D

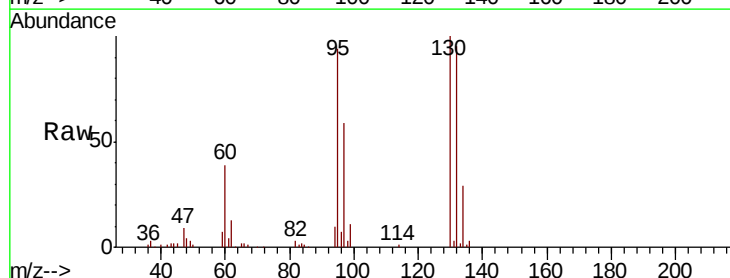
Acq: 05 Sep 2019 10:00

Tgt Ion: 130 Resp: 85158

Ion Ratio Lower Upper

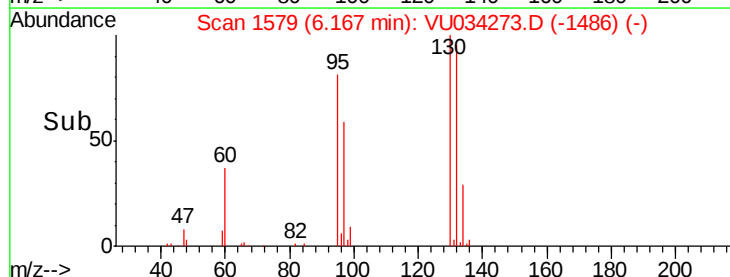
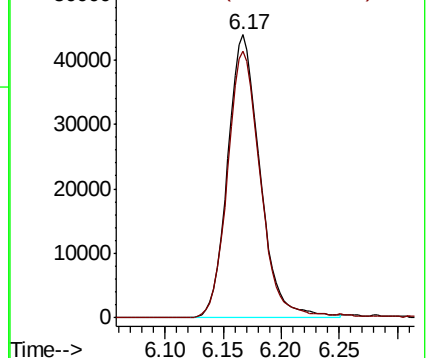
130 100

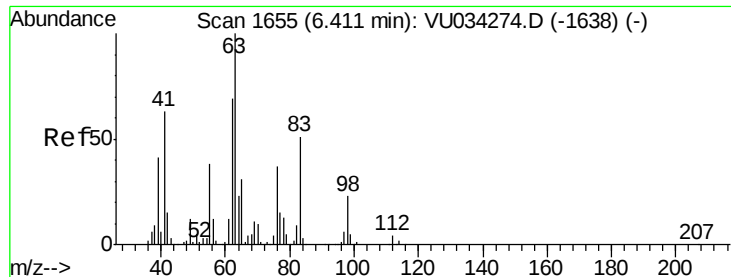
95 94.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034273.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034273.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 25.018 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

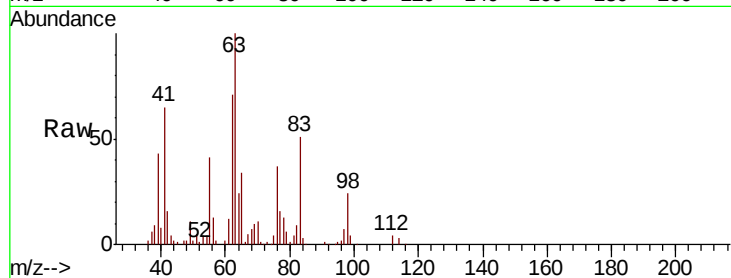
VSTDIC020

Tgt Ion: 63 Resp: 90573

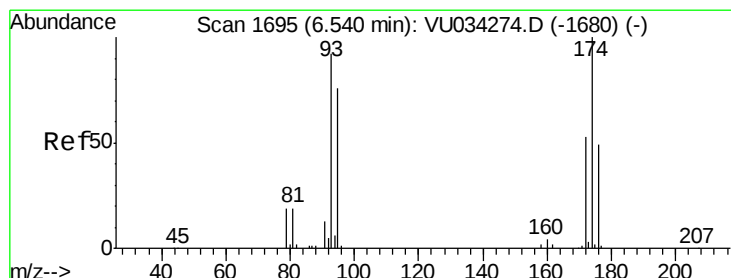
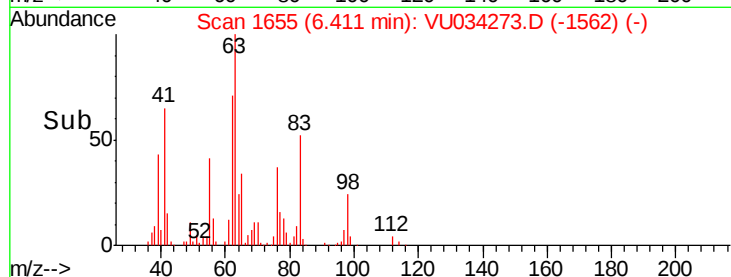
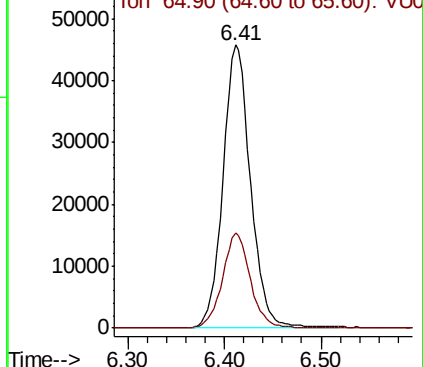
Ion Ratio Lower Upper

63 100

65 33.5 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034273.D (-1638) (-)



#46

Dibromomethane

Concen: 24.491 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

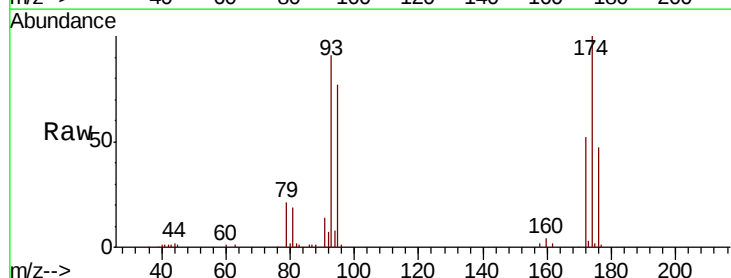
Tgt Ion: 93 Resp: 57045

Ion Ratio Lower Upper

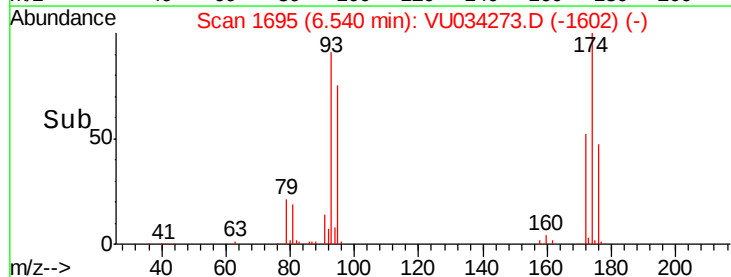
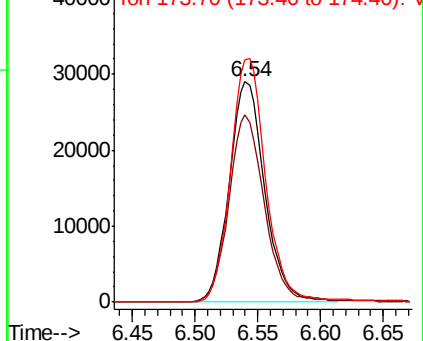
93 100

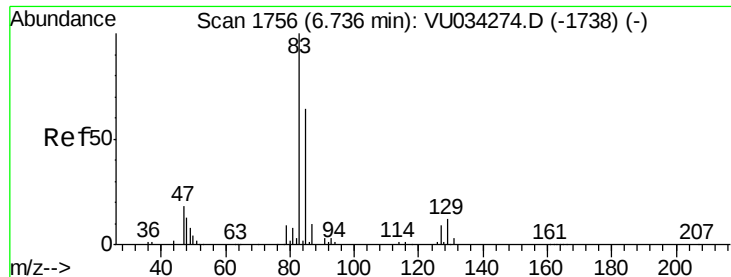
95 85.4 66.5 99.7

174 109.0 87.8 131.6



Abundance Ion 92.80 (92.50 to 93.50): VU034273.D (-1680) (-)





#47

Bromodichloromethane

Concen: 25.123 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

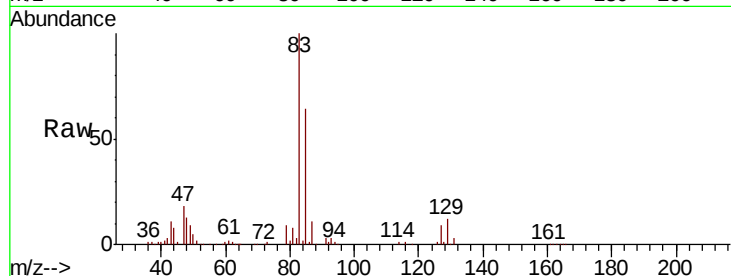
Tgt Ion: 83 Resp: 115384

Ion Ratio Lower Upper

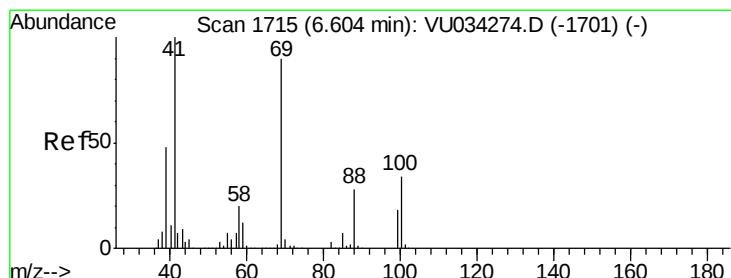
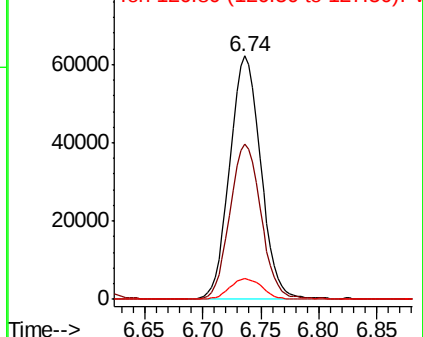
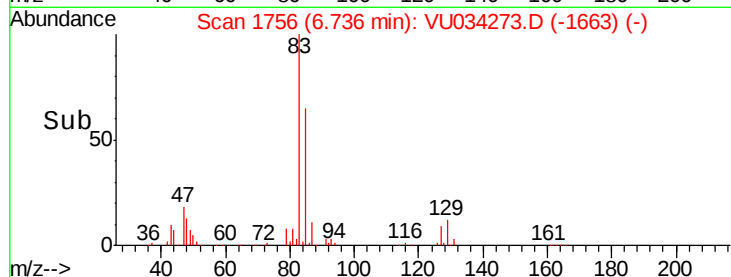
83 100

85 63.7 51.1 76.7

127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034273.D (-1663) (-)



#48

Methyl methacrylate

Concen: 22.668 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

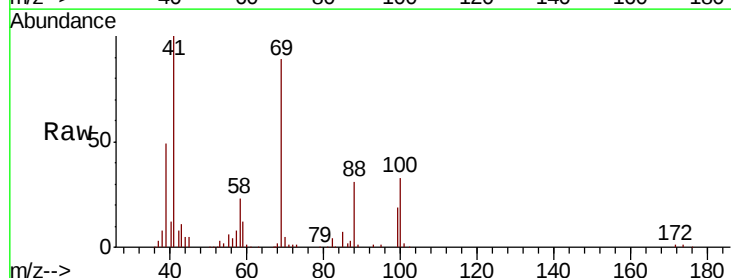
Tgt Ion: 41 Resp: 80105

Ion Ratio Lower Upper

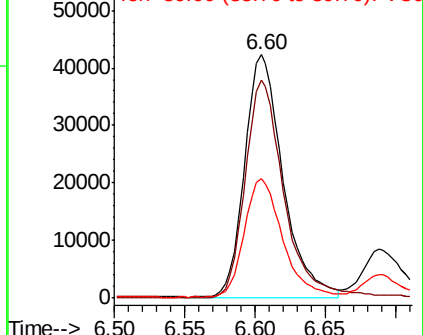
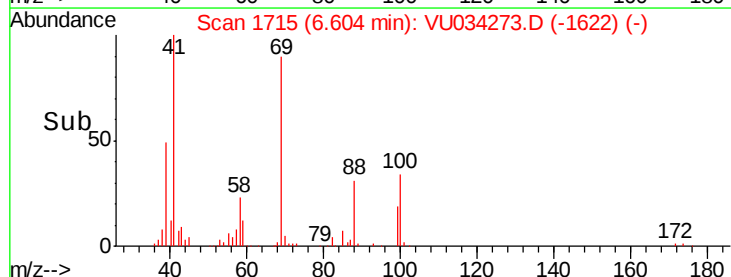
41 100

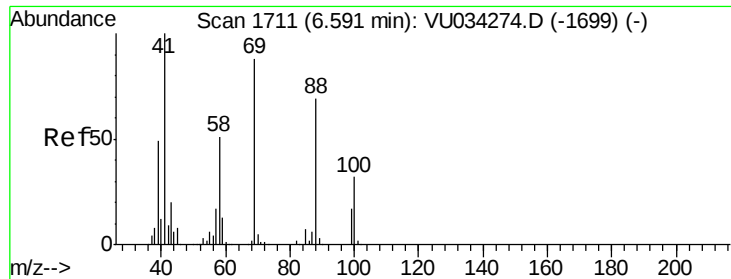
69 91.7 72.8 109.2

39 48.7 38.6 58.0



Abundance Ion 41.00 (40.70 to 41.70): VU034273.D (-1622) (-)

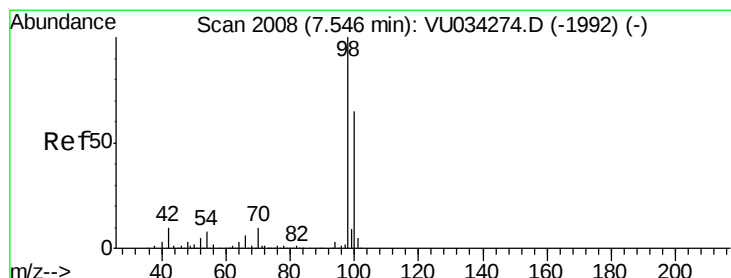
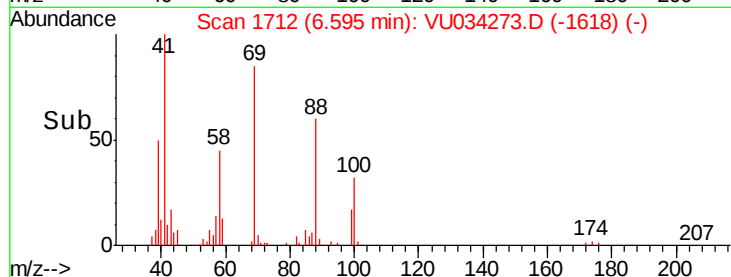
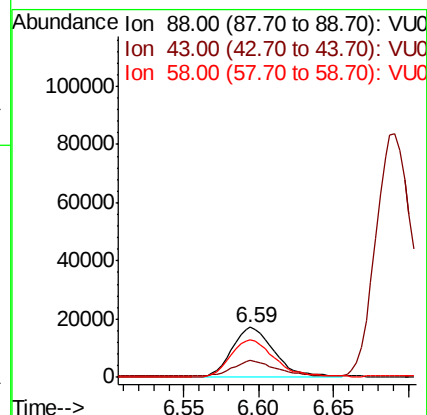
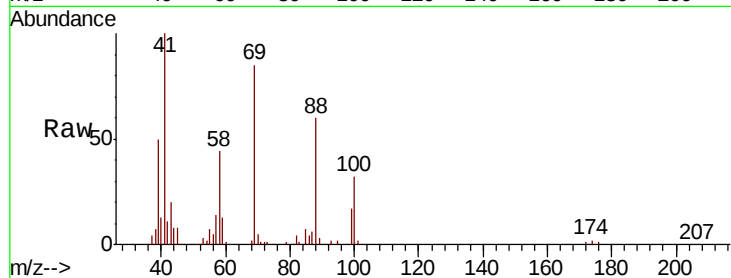




#49
1,4-Dioxane
Concen: 384.527 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

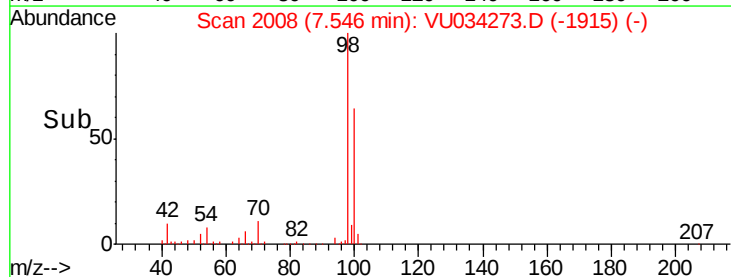
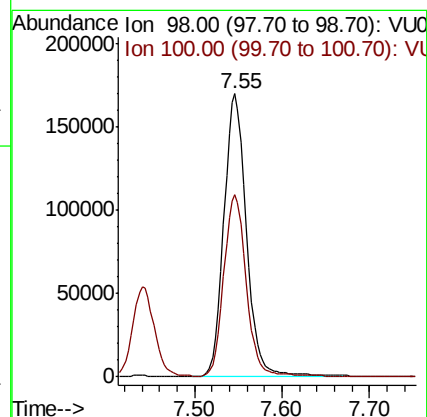
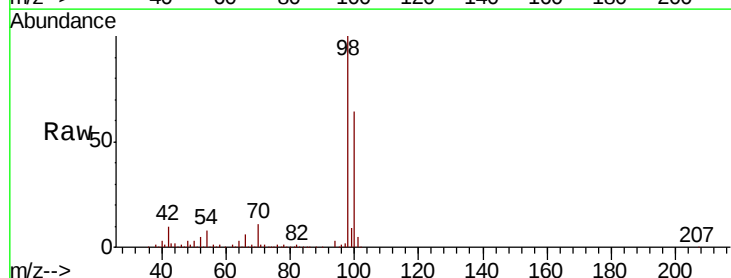
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

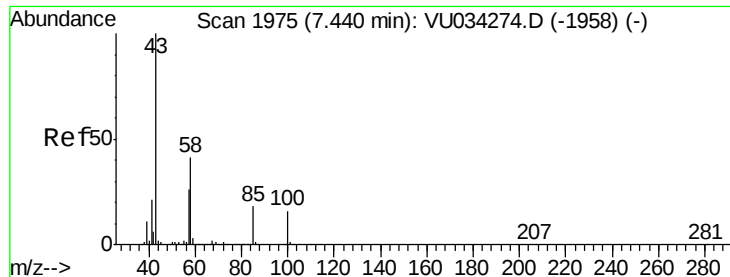
Tgt Ion: 88 Resp: 33361
Ion Ratio Lower Upper
88 100
43 32.7 23.8 35.6
58 80.6 58.4 87.6



#50
Toluene-d8
Concen: 24.724 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion: 98 Resp: 306274
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 119.893 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

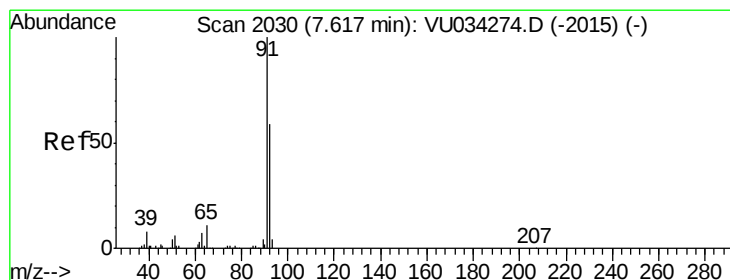
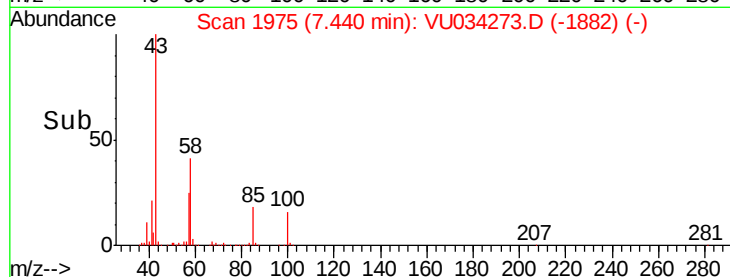
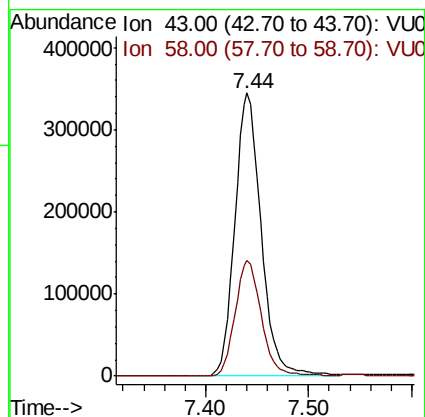
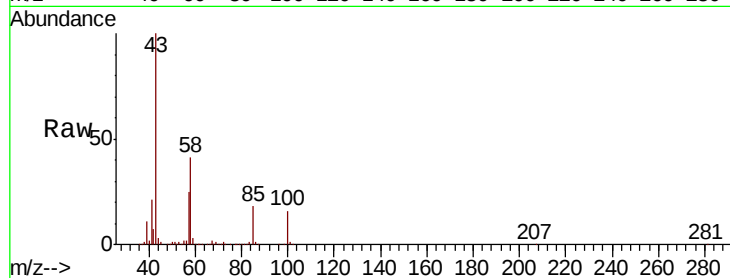
VSTDIC020

Tgt Ion: 43 Resp: 612832

Ion Ratio Lower Upper

43 100

58 40.9 33.0 49.4



#52

Toluene

Concen: 24.468 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU034273.D

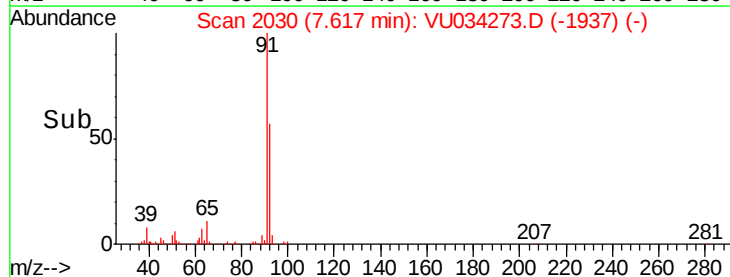
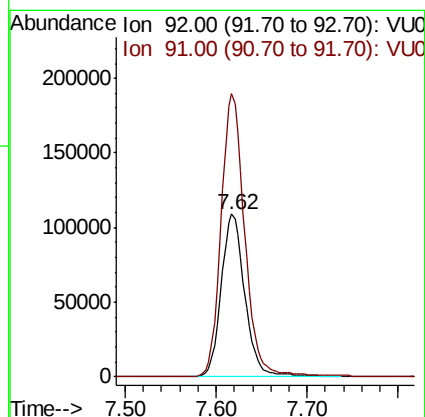
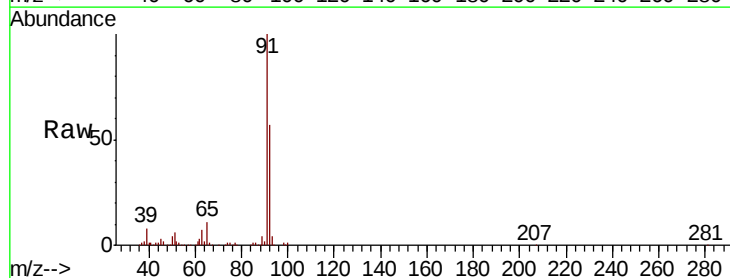
Acq: 05 Sep 2019 10:00

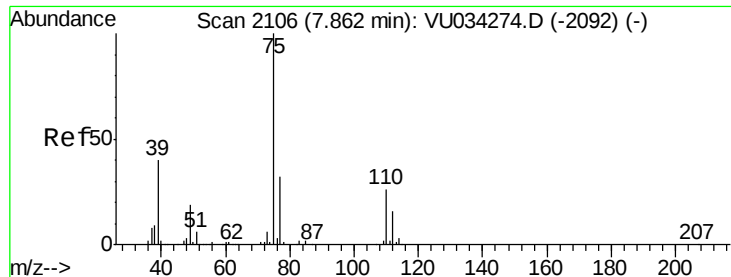
Tgt Ion: 92 Resp: 197377

Ion Ratio Lower Upper

92 100

91 173.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 23.078 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

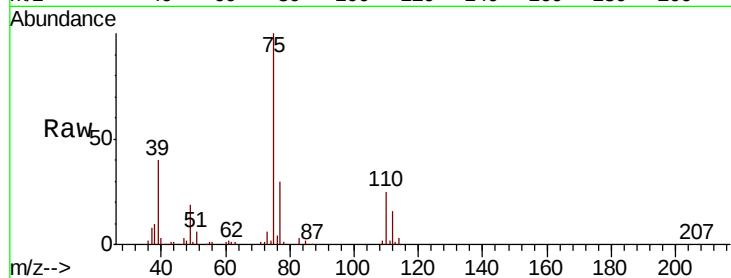
VSTDIC020

Tgt Ion: 75 Resp: 116225

Ion Ratio Lower Upper

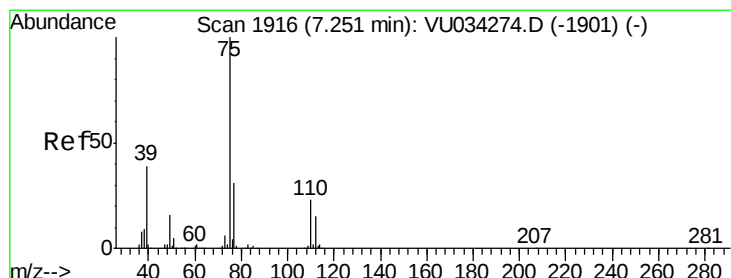
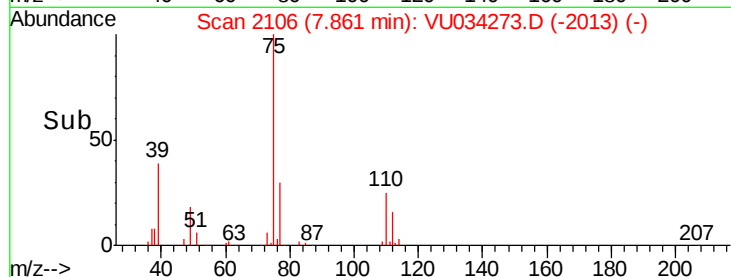
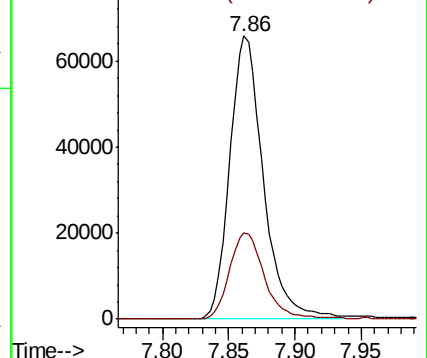
75 100

77 30.5 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: 24.276 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

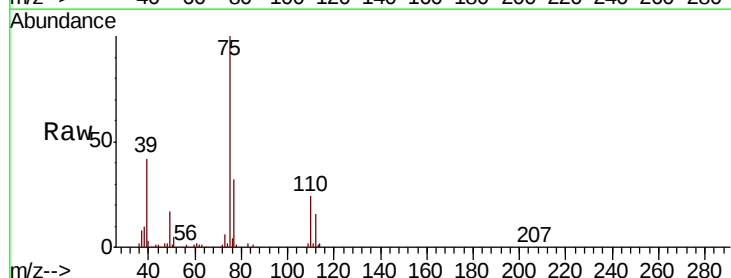
Tgt Ion: 75 Resp: 134047

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

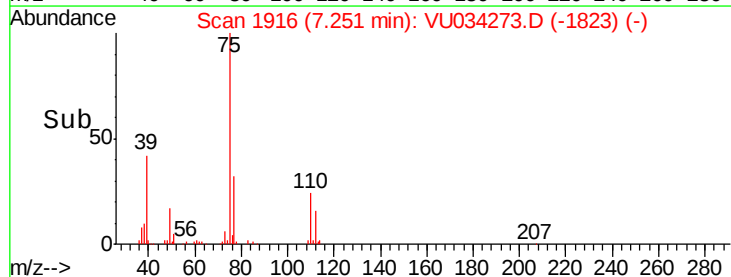
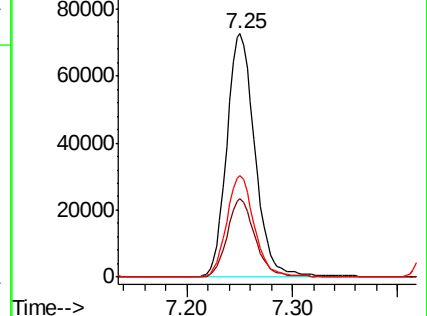
39 41.5 31.2 46.8

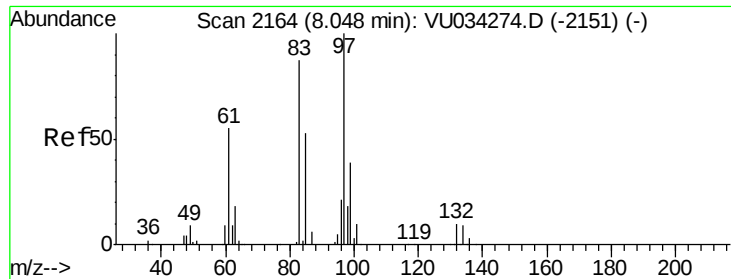


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

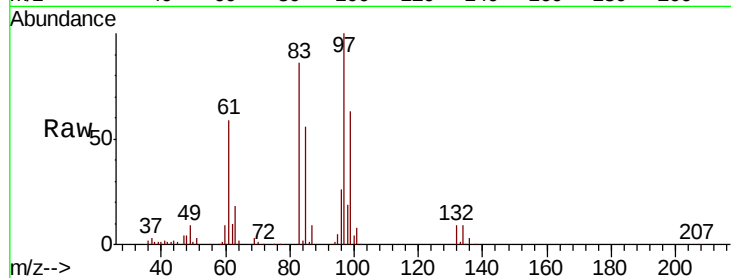




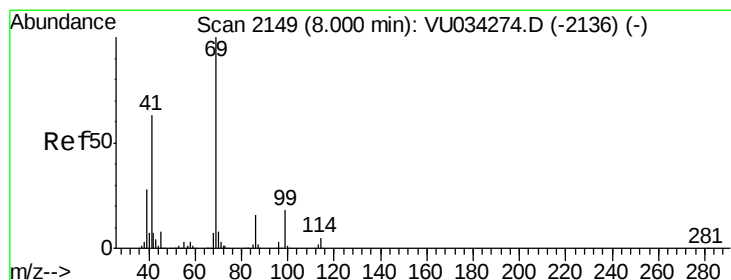
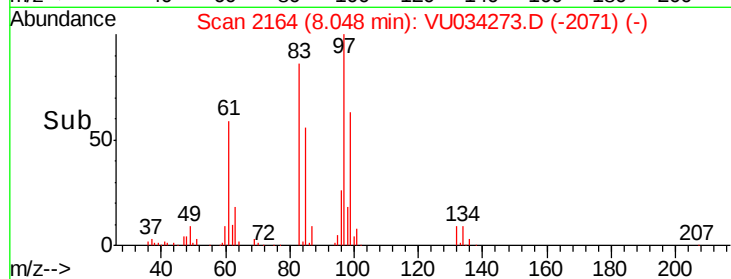
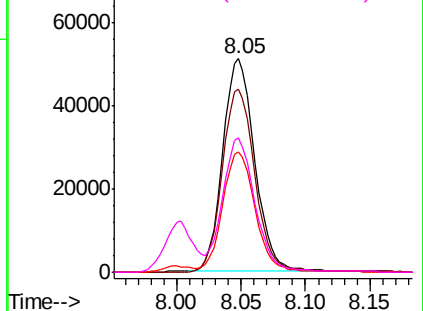
#55
 1,1,2-Trichloroethane
 Concen: 25.390 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	87835
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.0	103.6
85	56.2	44.2	66.2
99	62.7	49.4	74.0

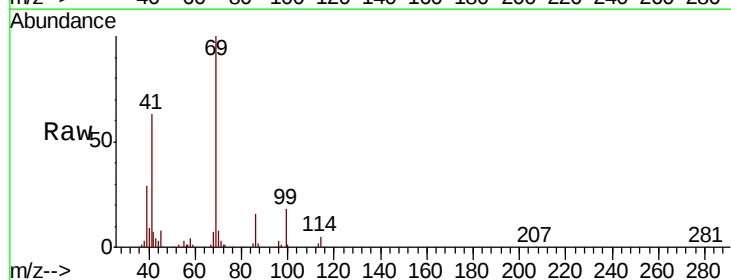


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

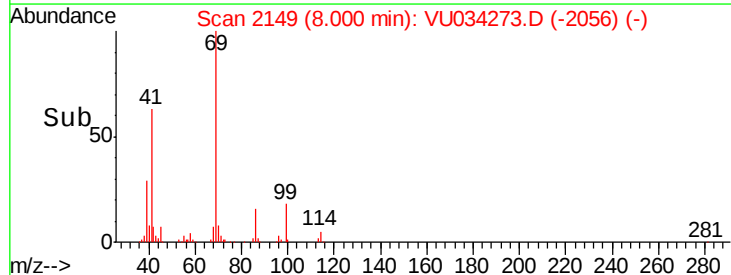
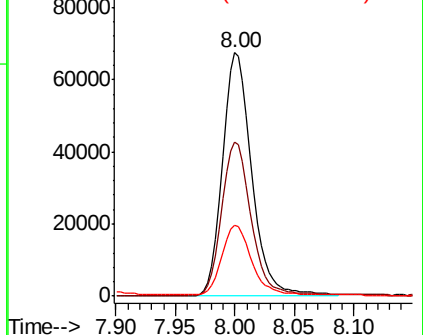


#56
 Ethyl methacrylate
 Concen: 22.603 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion:	69	Resp:	115379
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.5	74.3
39	28.7	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

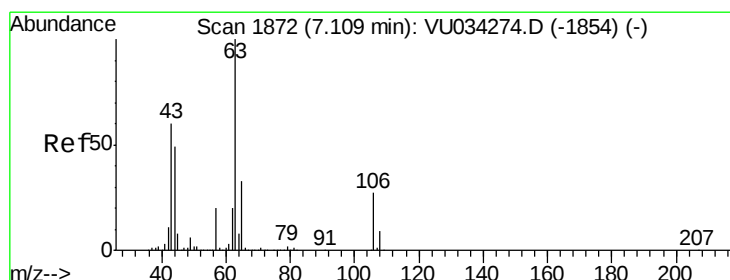
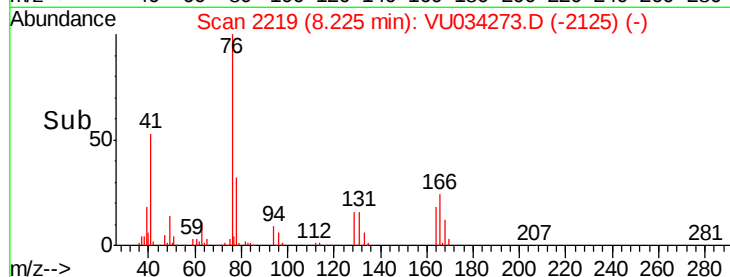
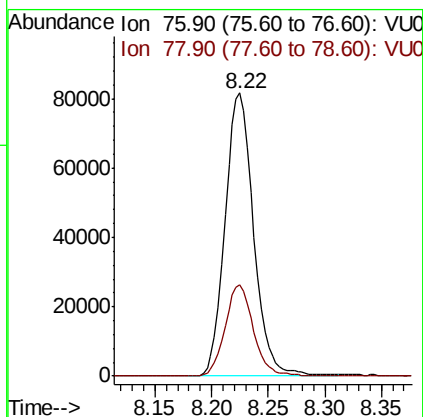
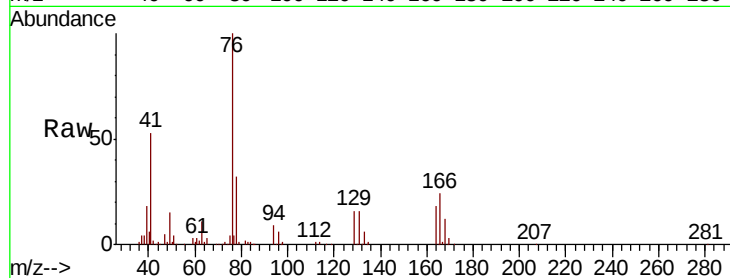




#57
 1,3-Dichloropropane
 Concen: 24.679 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

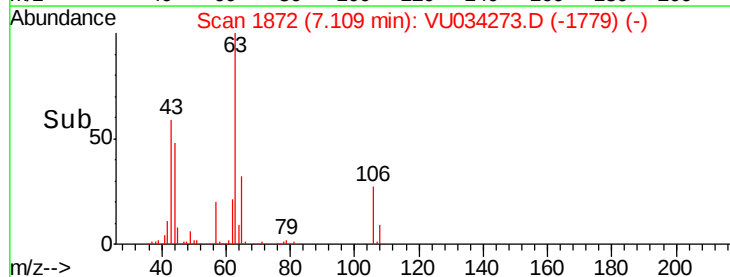
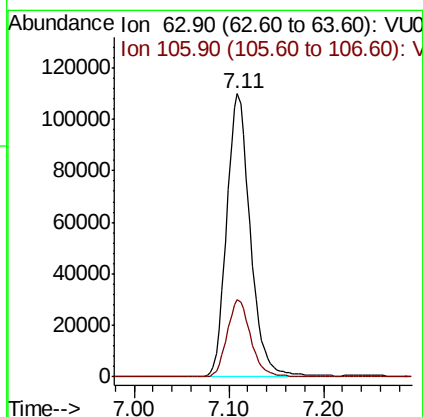
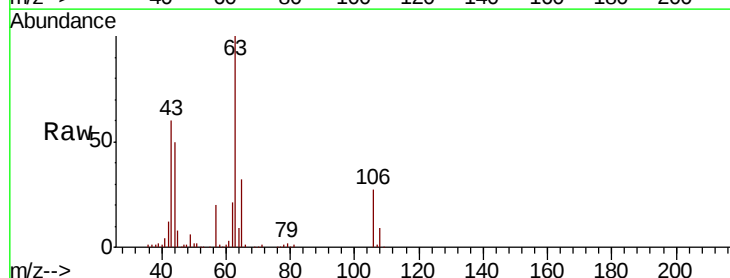
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

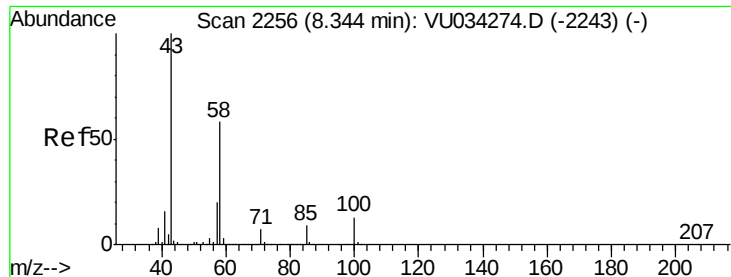
Tgt Ion: 76 Resp: 143875
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.822 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion: 63 Resp: 191361
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

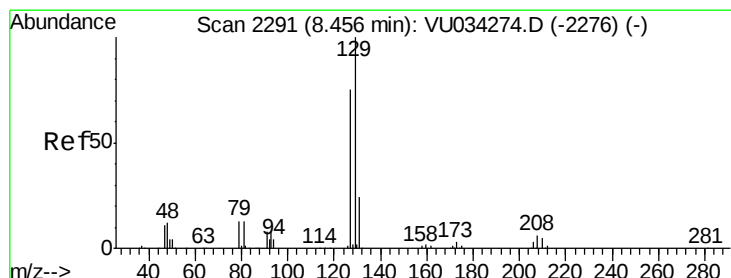
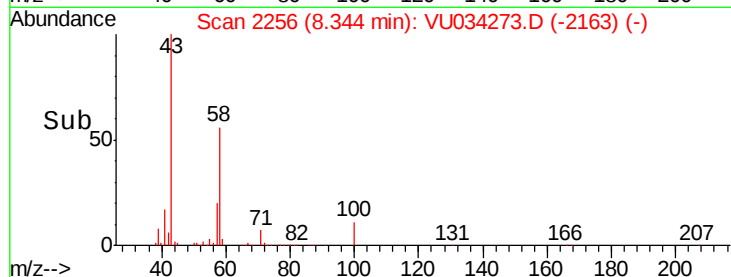
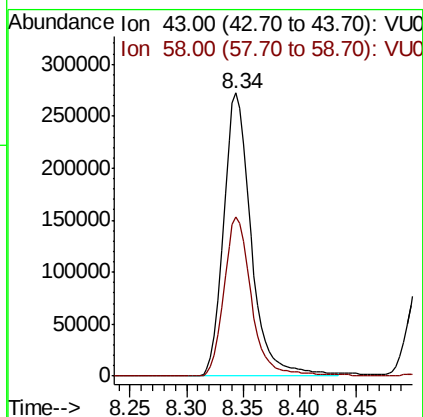
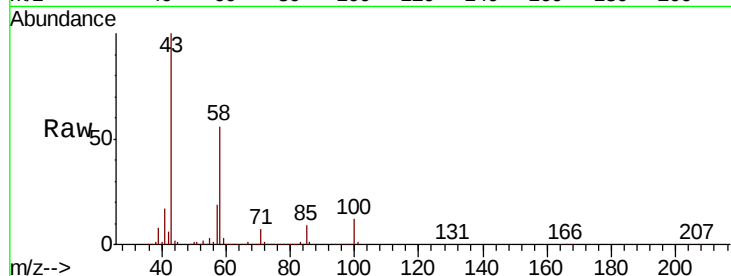




#59
2-Hexanone
Concen: 119.621 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

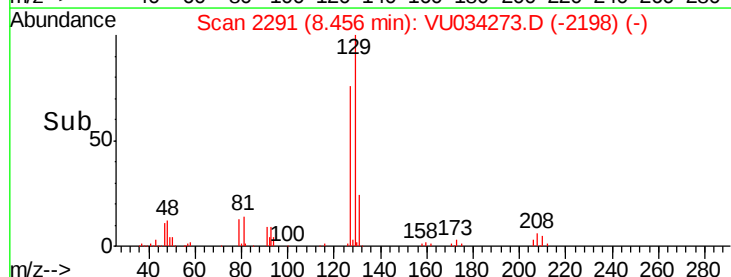
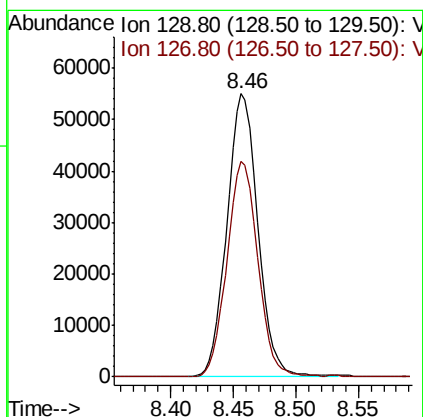
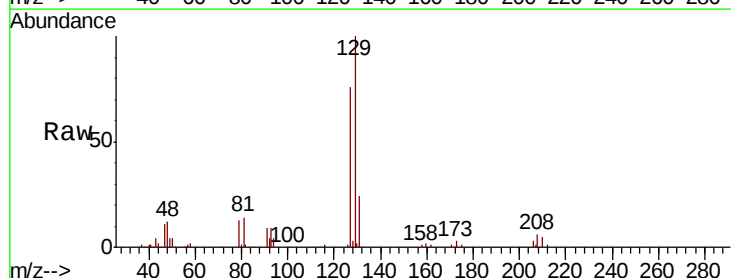
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 461070
Ion Ratio Lower Upper
43 100
58 56.7 28.8 86.5



#60
Dibromochloromethane
Concen: 25.329 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion: 129 Resp: 94416
Ion Ratio Lower Upper
129 100
127 76.1 37.9 113.7

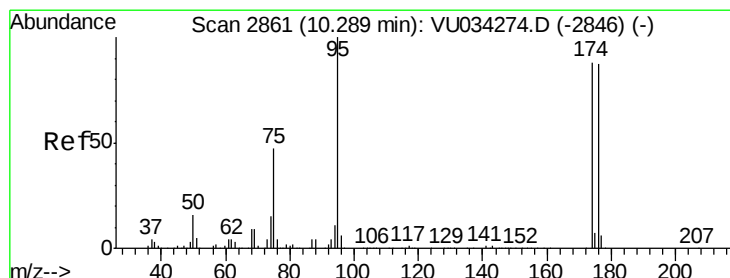
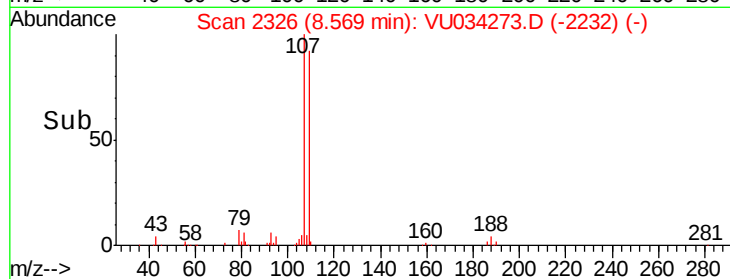
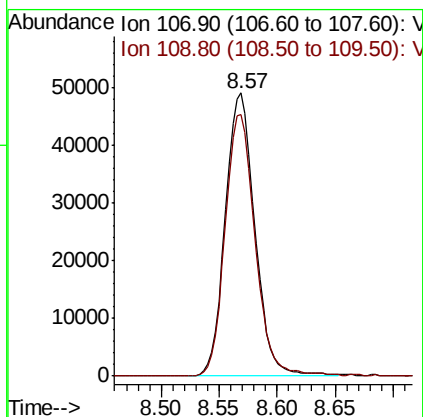
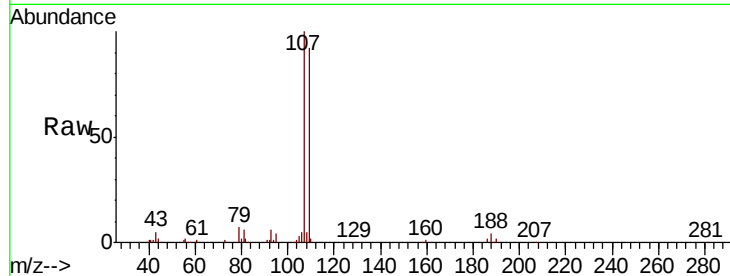




#61
 1,2-Dibromoethane
 Concen: 24.024 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

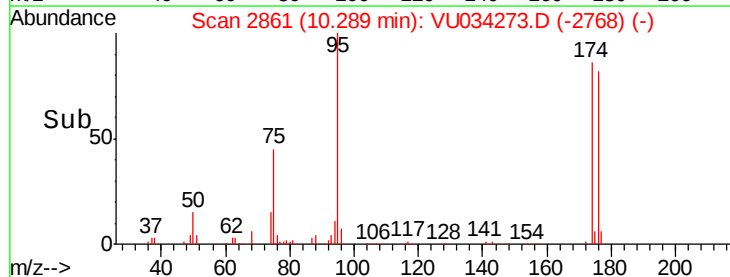
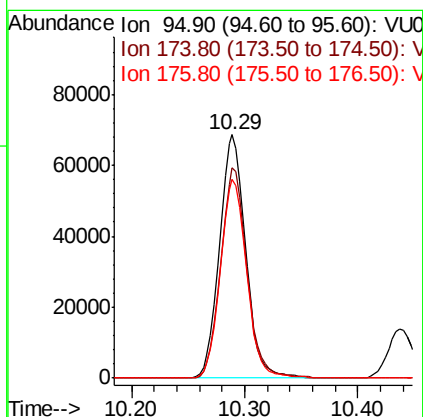
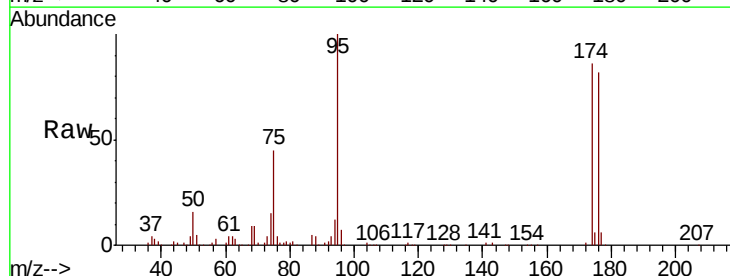
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

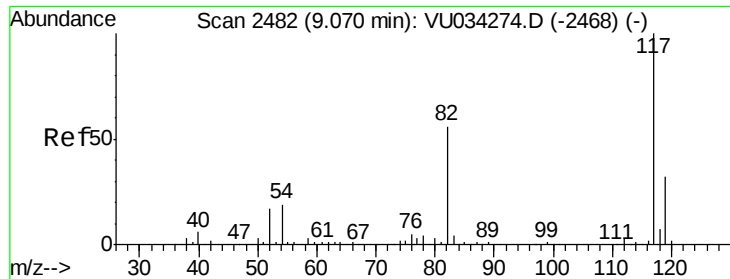
Tgt Ion: 107 Resp: 86624
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 23.023 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion: 95 Resp: 110394
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 175.2
 176 82.3 0.0 168.0

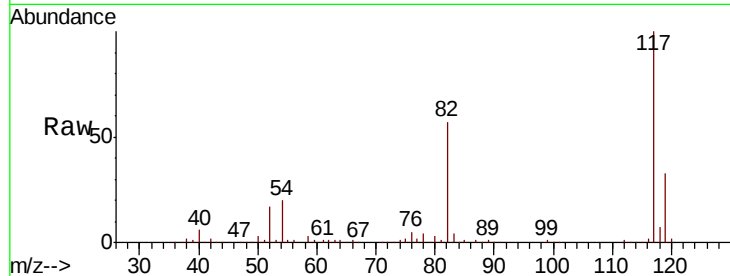




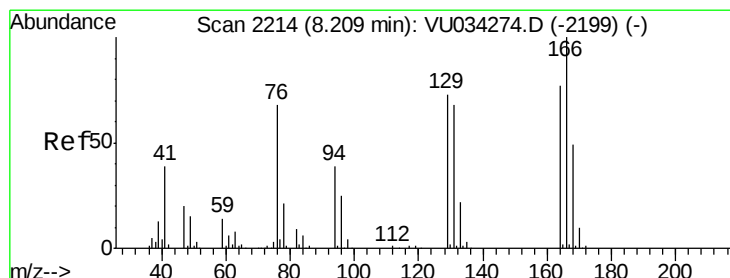
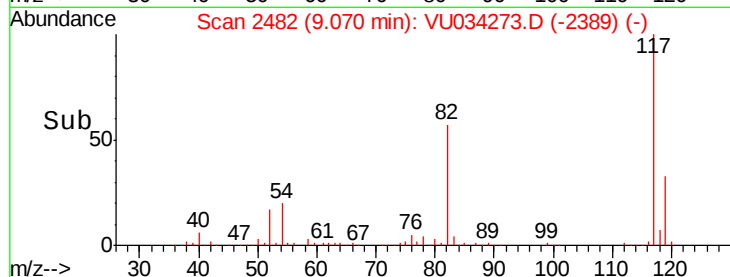
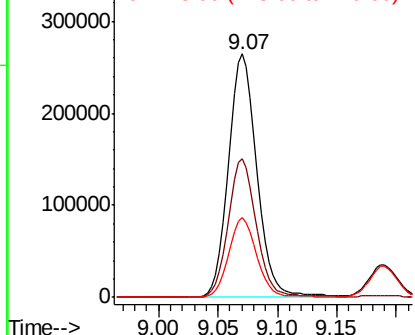
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 439314
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.6 25.9 38.9

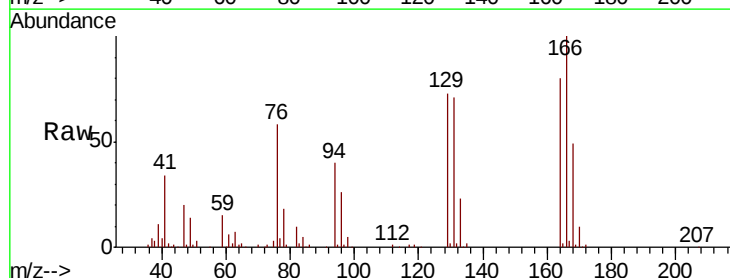


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

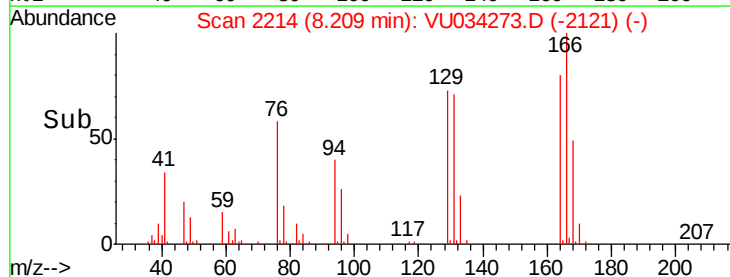
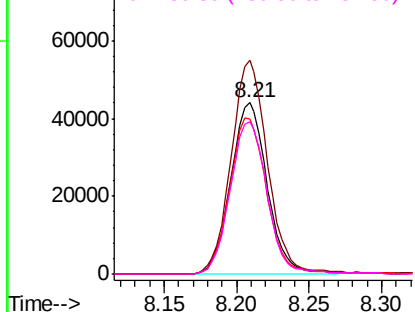


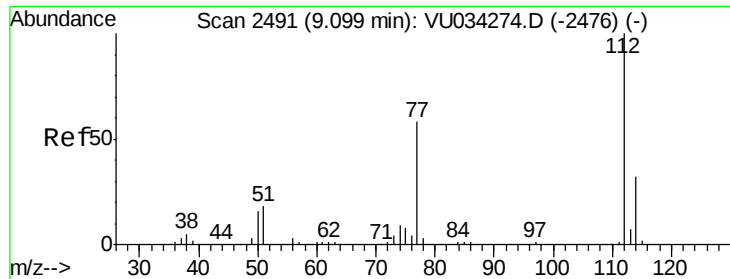
#64
Tetrachloroethene
Concen: 25.501 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion:164 Resp: 76808
Ion Ratio Lower Upper
164 100
166 124.7 103.7 155.5
129 90.4 75.8 113.8
131 89.1 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

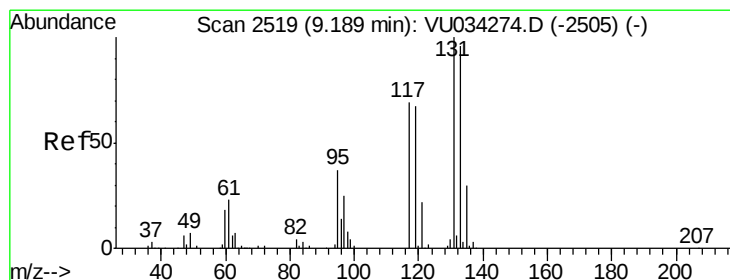
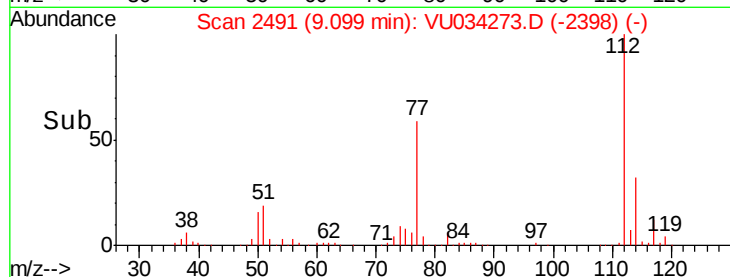
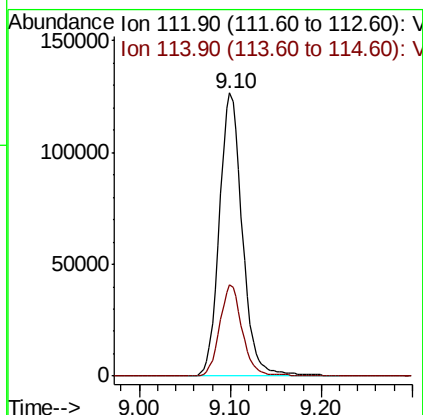
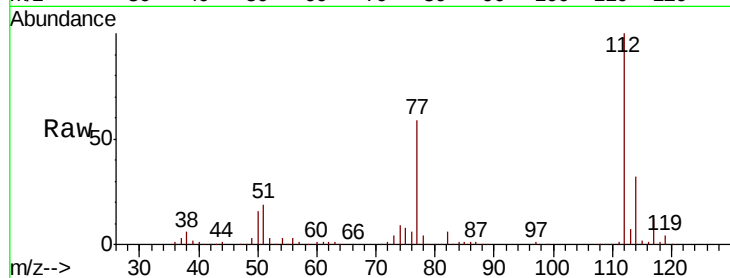




#65
Chlorobenzene
Concen: 24.210 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

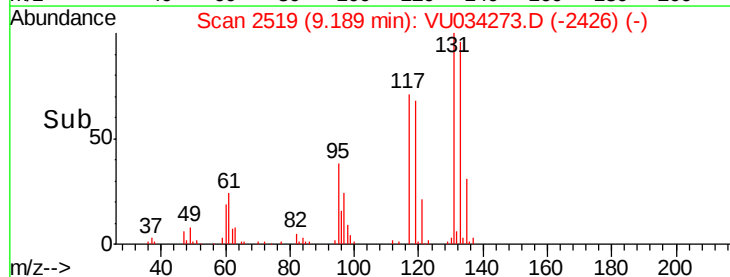
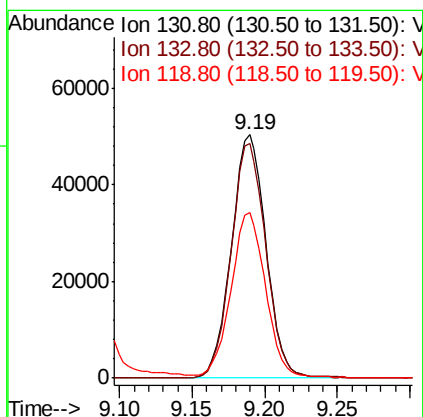
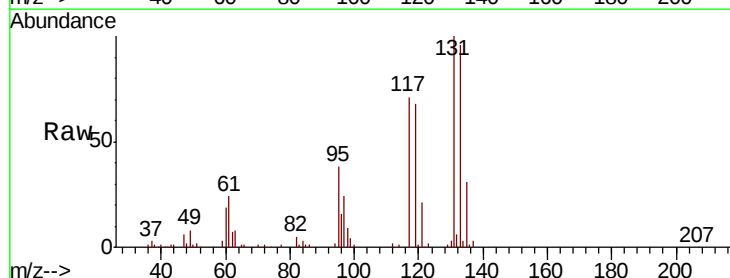
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

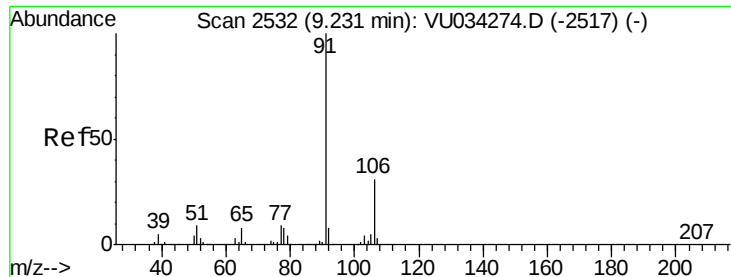
Tgt Ion:112 Resp: 222851
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 24.830 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion:131 Resp: 83511
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 67.7 33.1 99.5

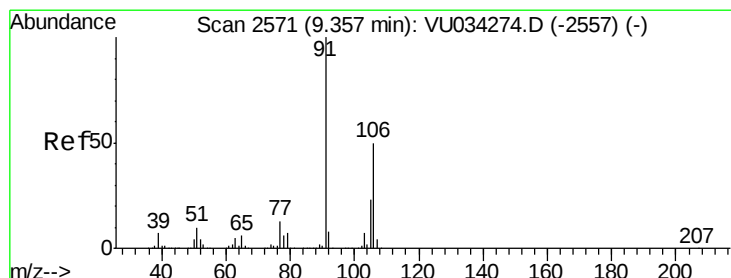
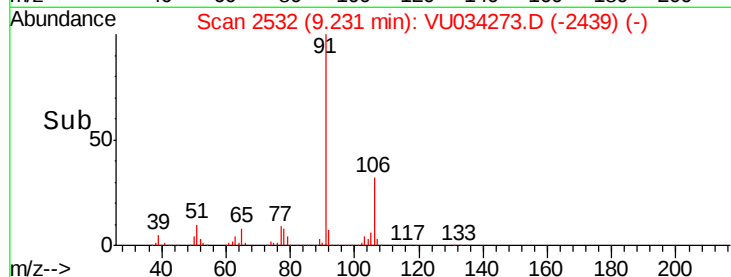
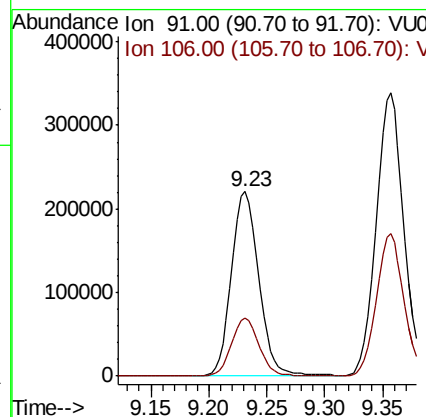
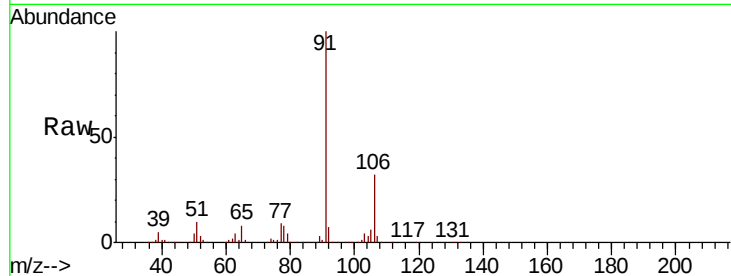




#67
Ethyl Benzene
Concen: 23.333 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

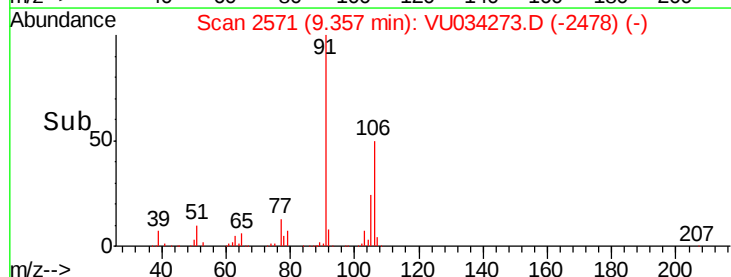
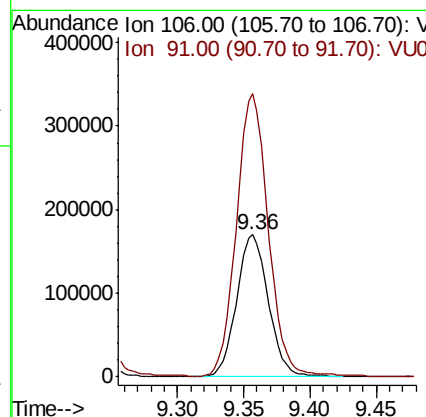
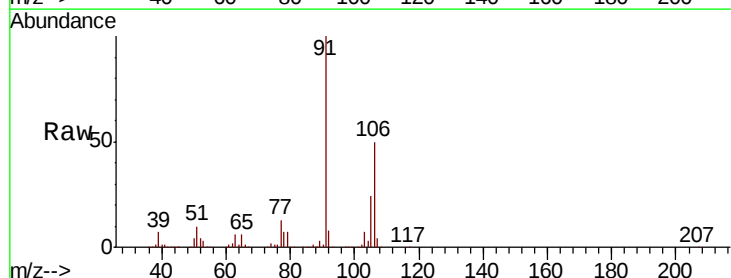
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

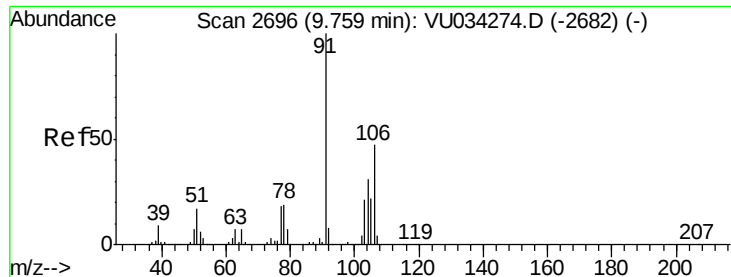
Tgt Ion: 91 Resp: 361430
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2



#68
m/p-Xylenes
Concen: 47.711 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion: 106 Resp: 282048
Ion Ratio Lower Upper
106 100
91 201.9 160.1 240.1

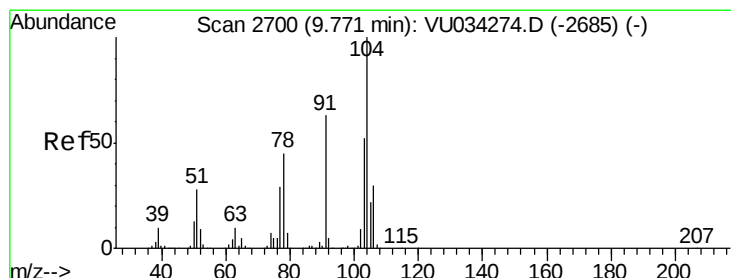
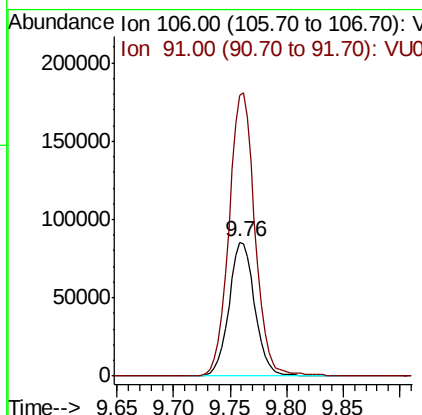
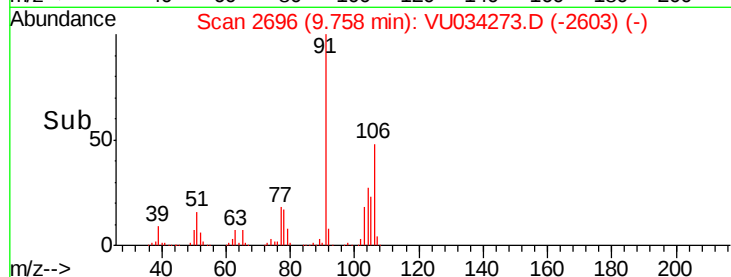
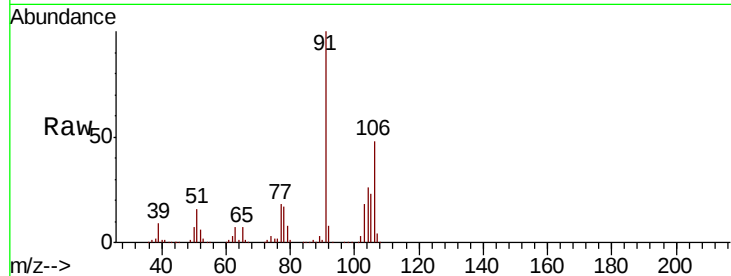




#69
o-Xylene
Concen: 23.929 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

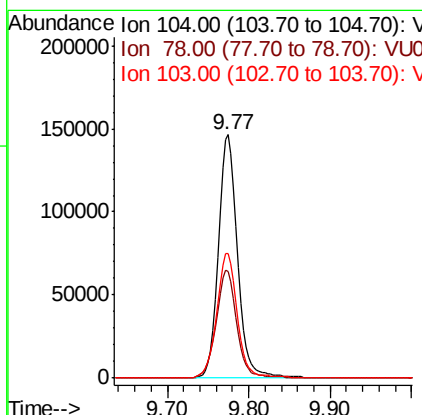
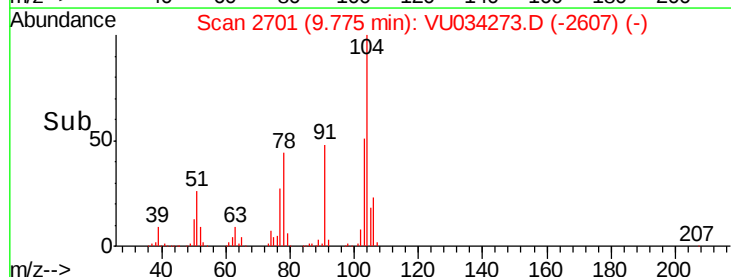
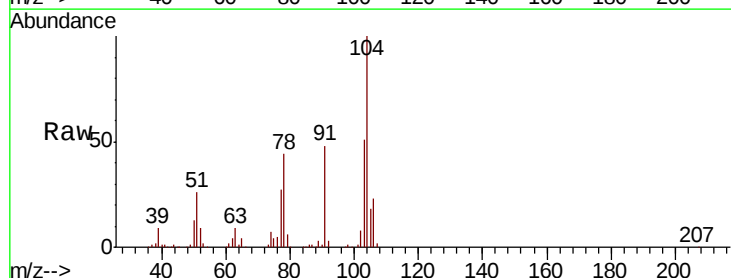
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

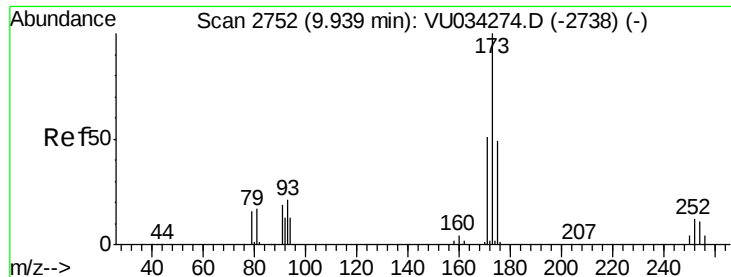
Tgt Ion:106 Resp: 135870
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.3



#70
Styrene
Concen: 24.936 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion:104 Resp: 244075
Ion Ratio Lower Upper
104 100
78 47.6 38.6 57.8
103 55.0 44.2 66.4





#71

Bromoform

Concen: 24.887 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

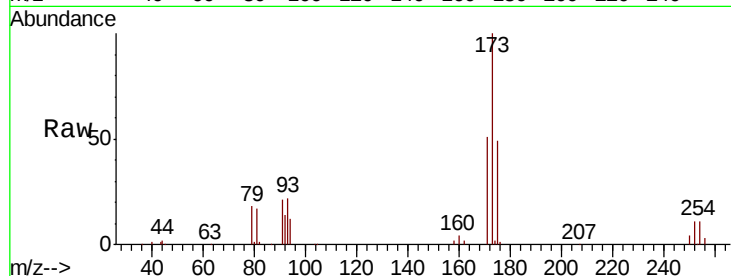
Tgt Ion:173 Resp: 72959

Ion Ratio Lower Upper

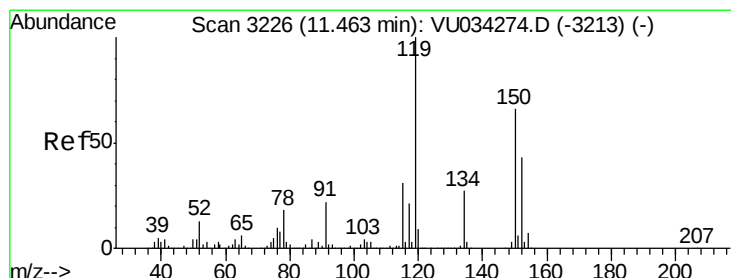
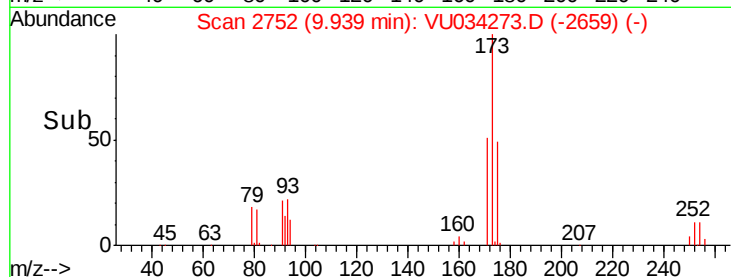
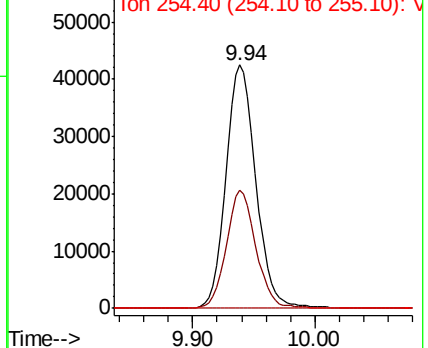
173 100

175 47.7 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: VU034273.D

Acq: 05 Sep 2019 10:00

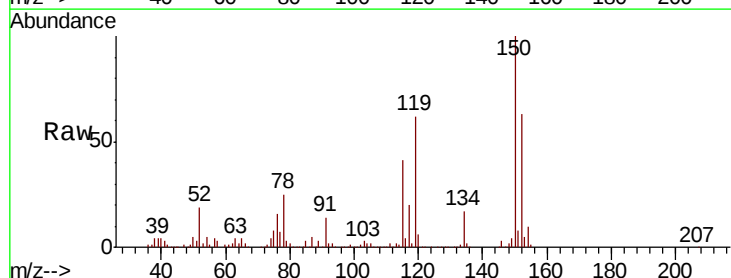
Tgt Ion:152 Resp: 289488

Ion Ratio Lower Upper

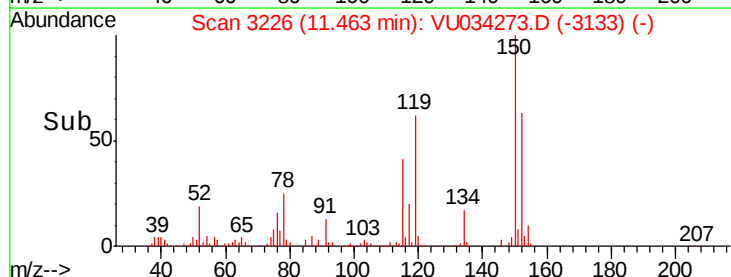
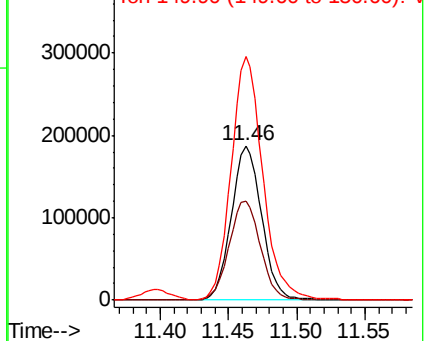
152 100

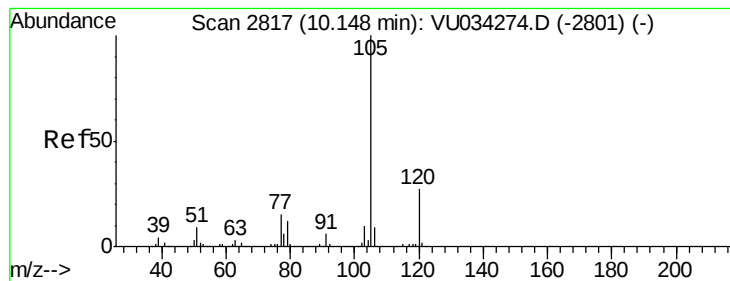
115 66.6 39.1 117.3

150 164.2 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: 19.800 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

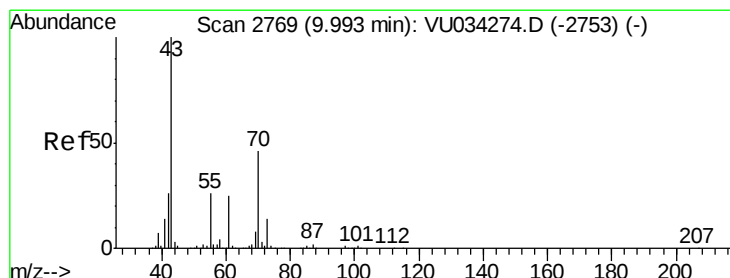
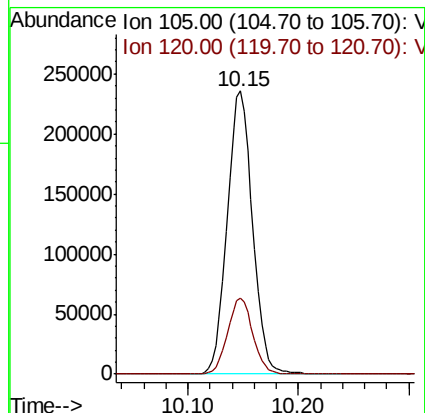
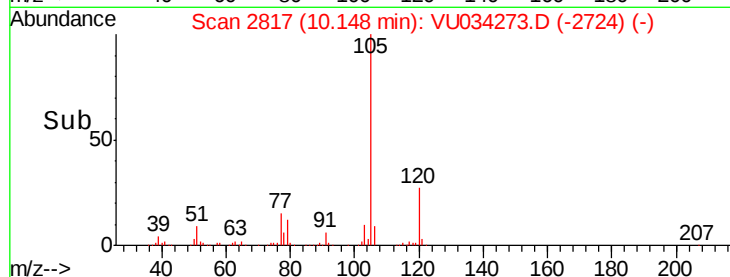
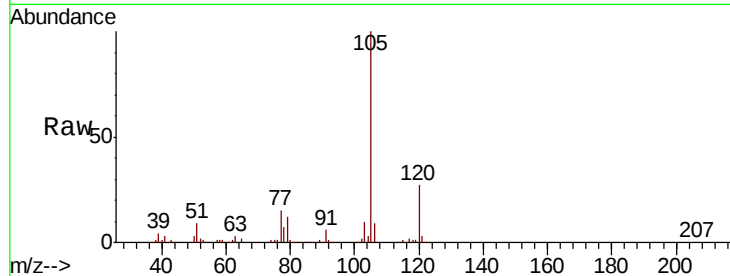
VSTDIC020

Tgt Ion: 105 Resp: 375344

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 18.629 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Tgt Ion: 43 Resp: 147412

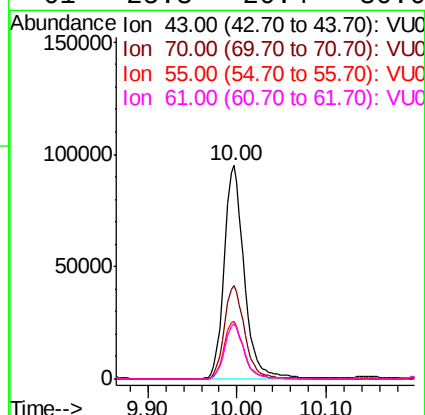
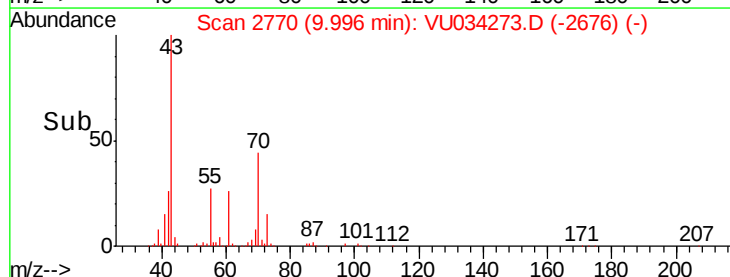
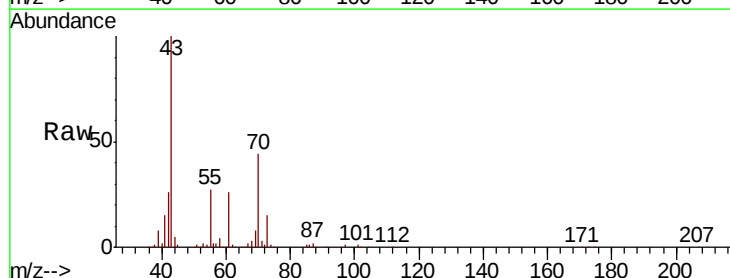
Ion Ratio Lower Upper

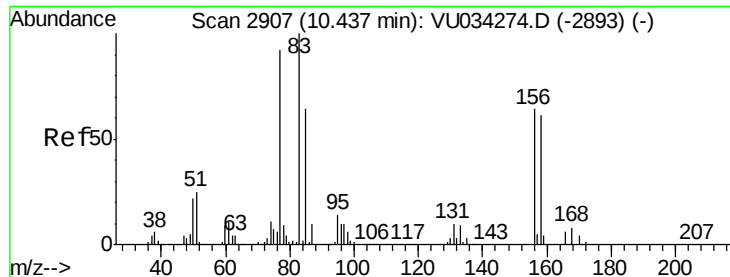
43 100

70 44.9 36.4 54.6

55 27.3 21.2 31.8

61 25.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.355 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

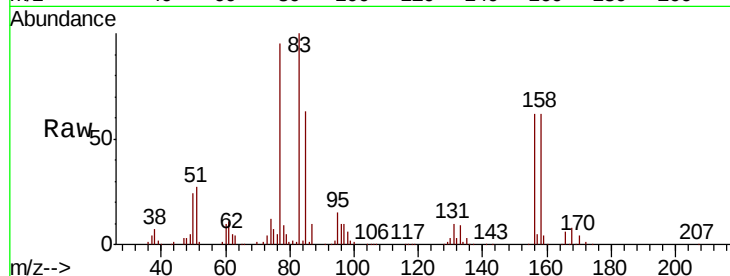
Tgt Ion: 83 Resp: 149389

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

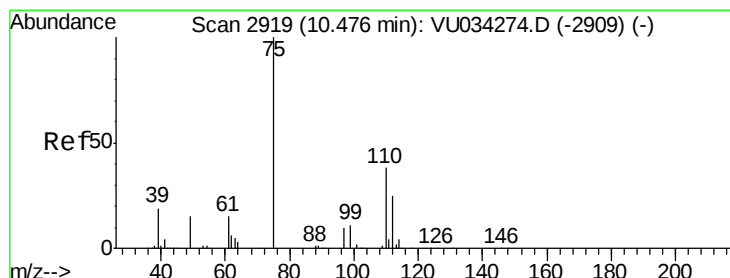
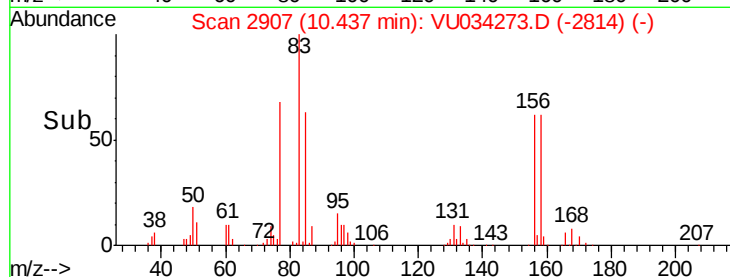
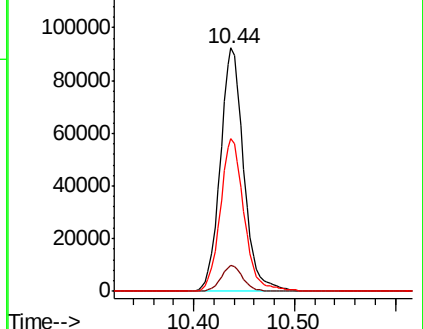
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034273.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034273.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034273.D (-2893) (-)



#76

1,2,3-Trichloropropane

Concen: 25.527 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034273.D

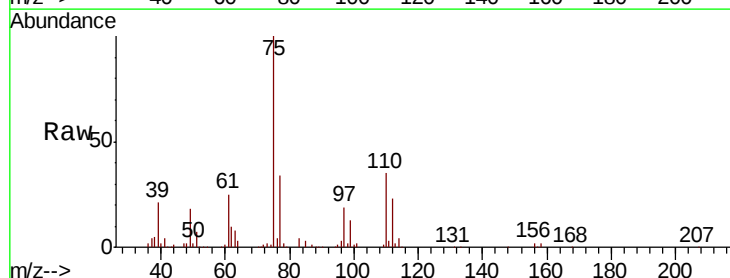
Acq: 05 Sep 2019 10:00

Tgt Ion: 75 Resp: 161223

Ion Ratio Lower Upper

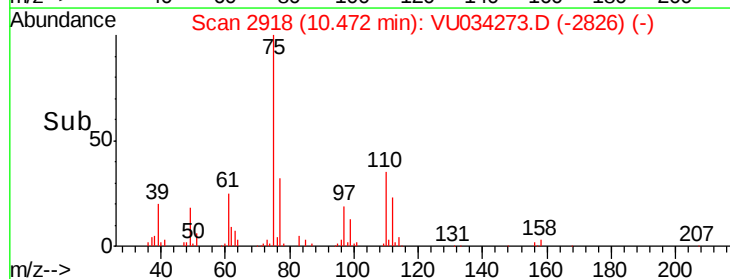
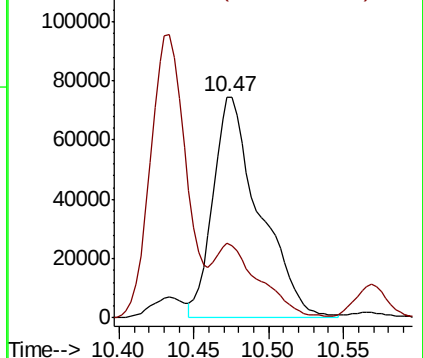
75 100

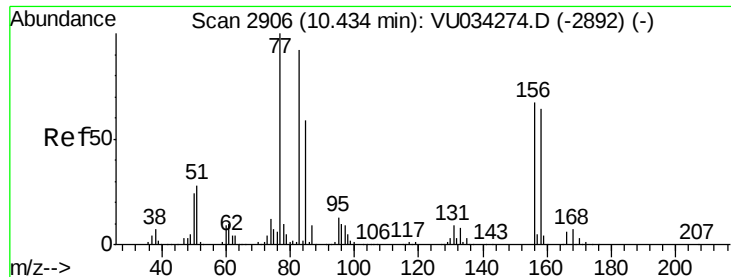
77 32.2 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034273.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034273.D (-2826) (-)





#77

Bromobenzene

Concen: 19.782 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

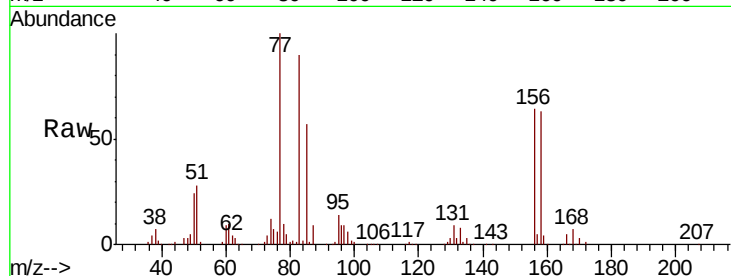
Tgt Ion:156 Resp: 101748

Ion Ratio Lower Upper

156 100

77 156.6 75.6 226.9

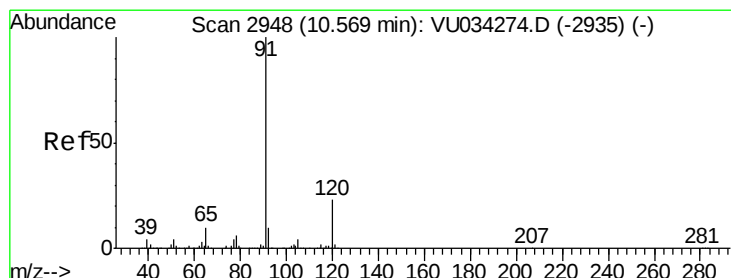
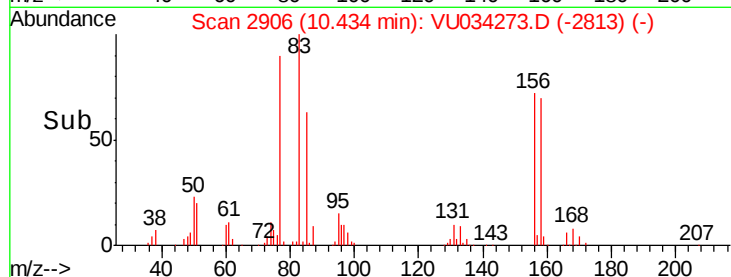
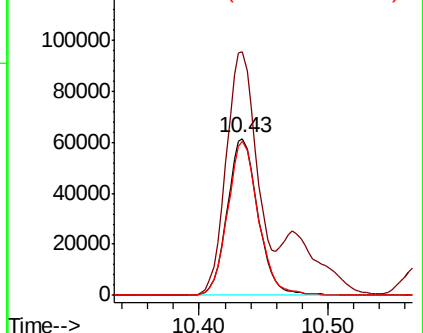
158 98.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.882 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034273.D

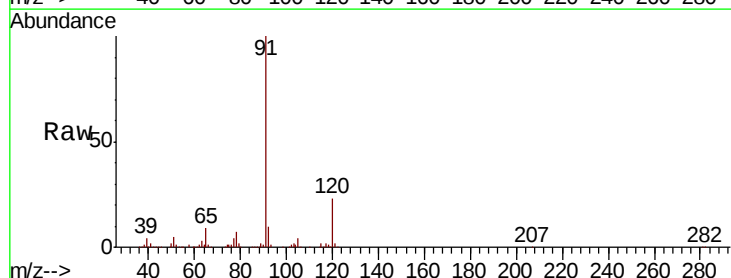
Acq: 05 Sep 2019 10:00

Tgt Ion: 91 Resp: 439249

Ion Ratio Lower Upper

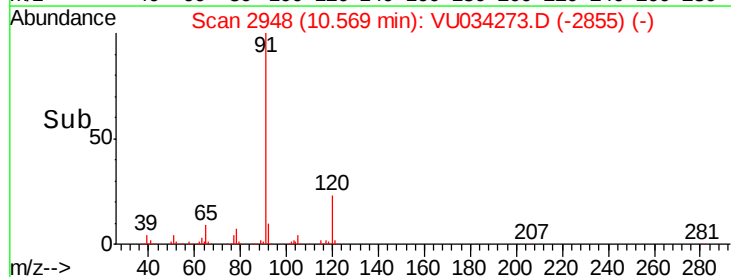
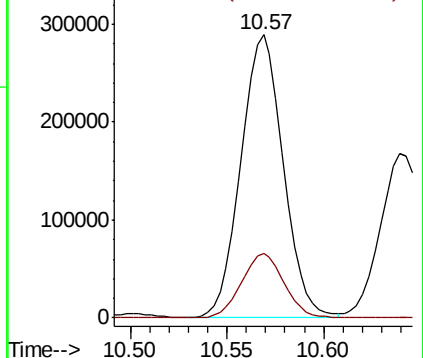
91 100

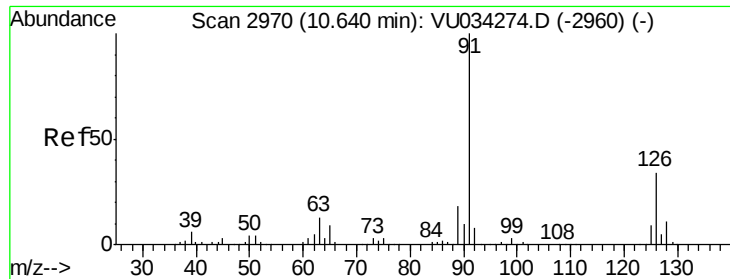
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.105 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

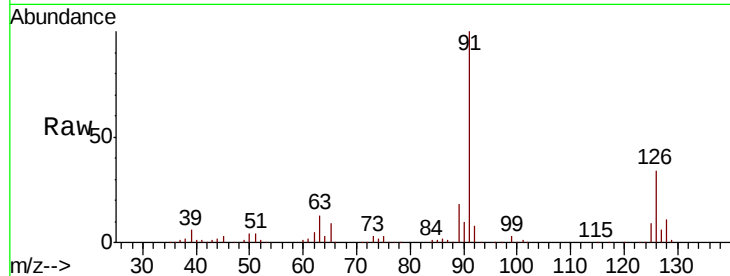
VSTDIC020

Tgt Ion: 91 Resp: 266798

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034273.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034273.D (-2960) (-)

300000

200000

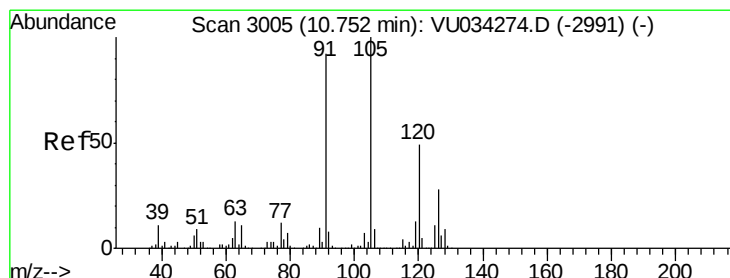
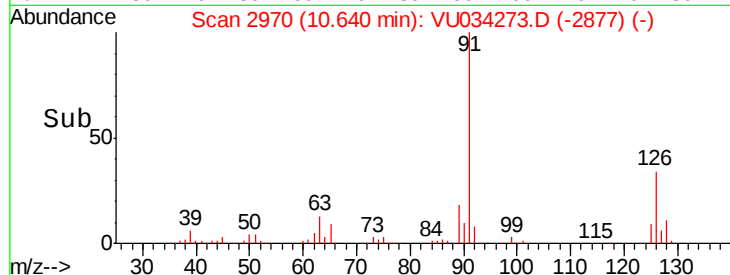
100000

0

10.64

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.490 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034273.D

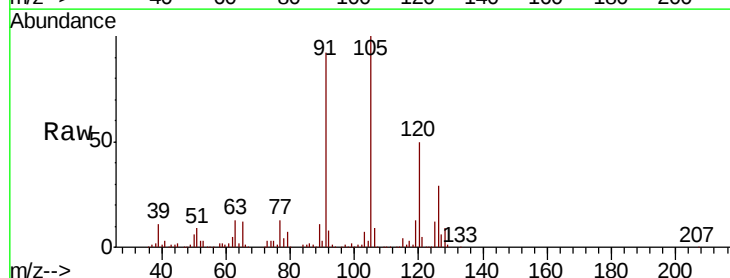
Acq: 05 Sep 2019 10:00

Tgt Ion: 105 Resp: 329361

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034273.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034273.D (-2991) (-)

250000

200000

150000

100000

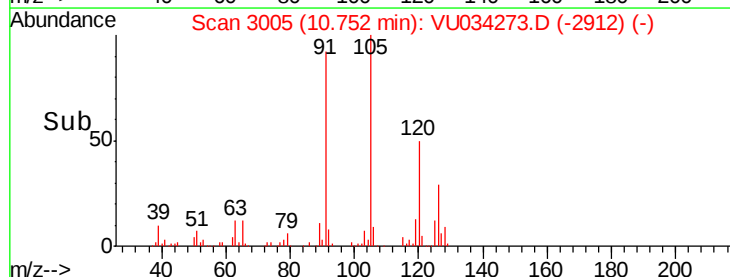
50000

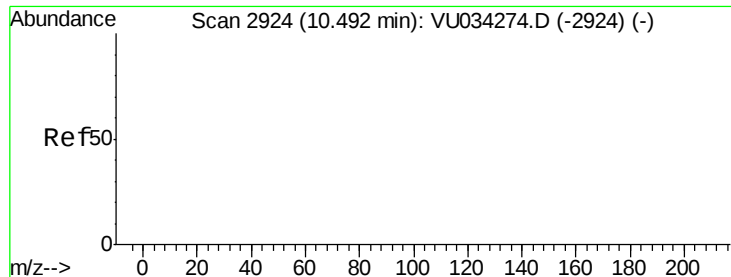
0

10.75

10.70 10.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 84.579 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034273.D

Acq: 05 Sep 2019 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

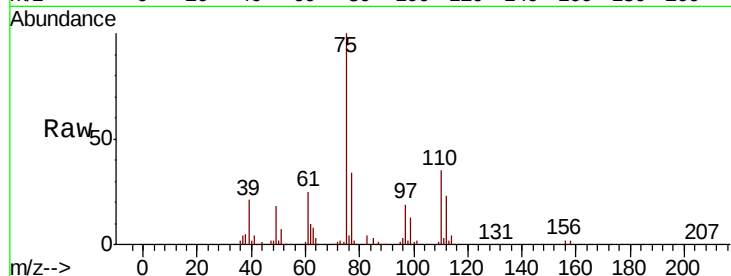
Tgt Ion: 75 Resp: 161223

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

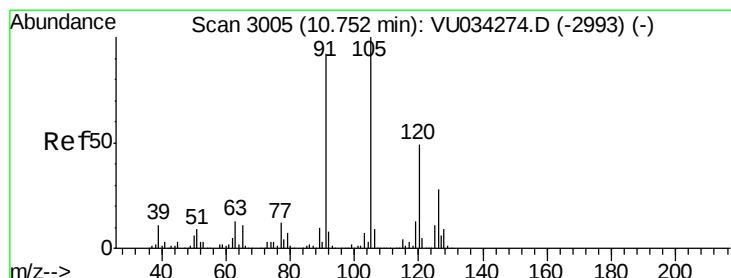
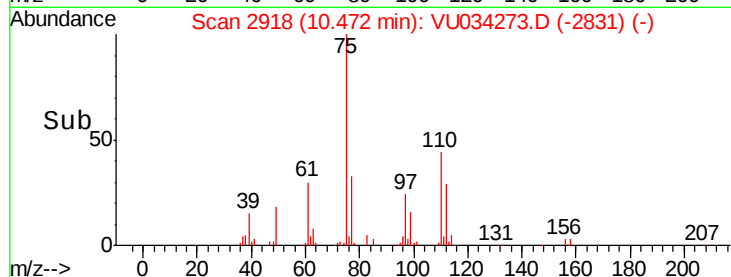
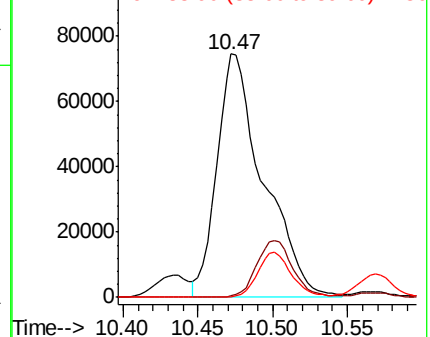
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU034273.D (-2924) (-)

Ion 53.00 (52.70 to 53.70): VU034273.D (-2924) (-)

Ion 88.90 (88.60 to 89.60): VU034273.D (-2924) (-)



#82

4-Chlorotoluene

Concen: 20.477 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034273.D

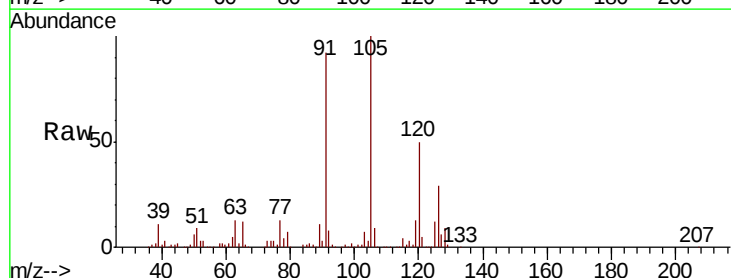
Acq: 05 Sep 2019 10:00

Tgt Ion: 91 Resp: 313318

Ion Ratio Lower Upper

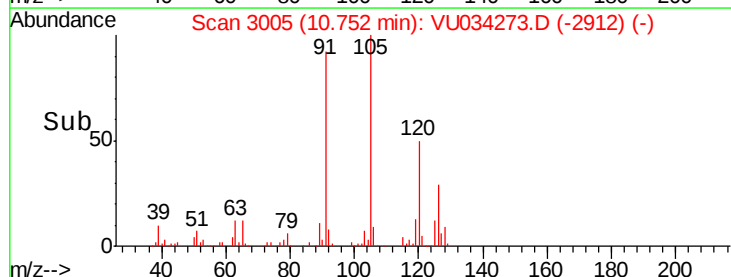
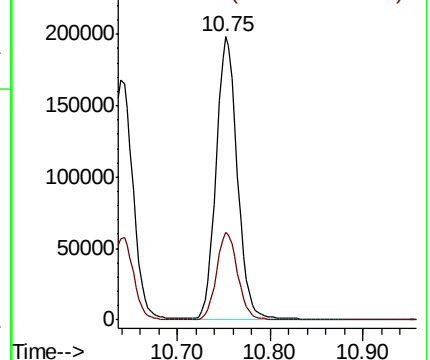
91 100

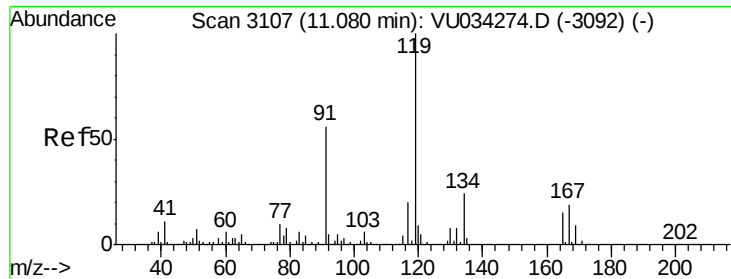
126 31.1 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VU034273.D (-2912) (-)

Ion 125.90 (125.60 to 126.60): VU034273.D (-2912) (-)

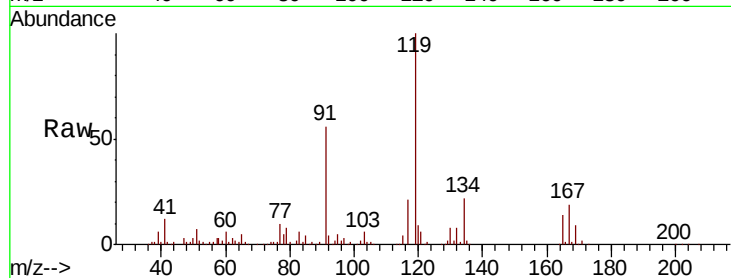




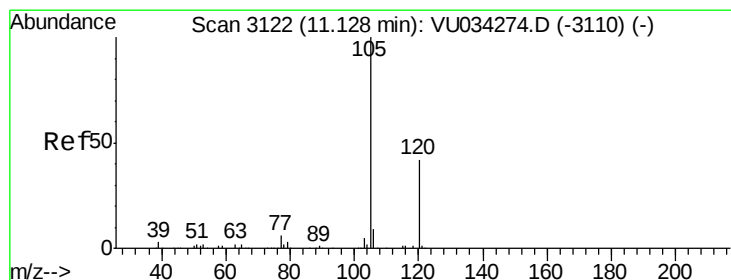
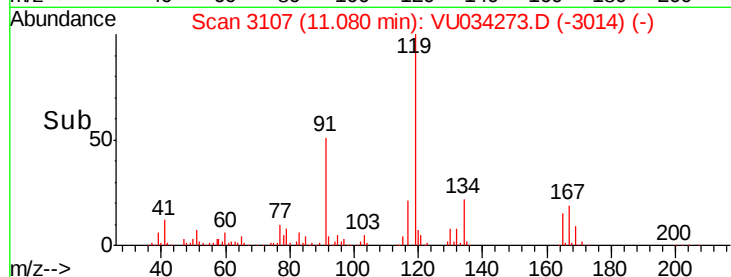
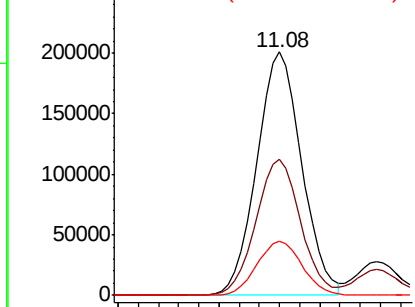
#83
 tert-Butylbenzene
 Concen: 19.737 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 312445
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.8 83.4
 134 22.5 11.7 35.0

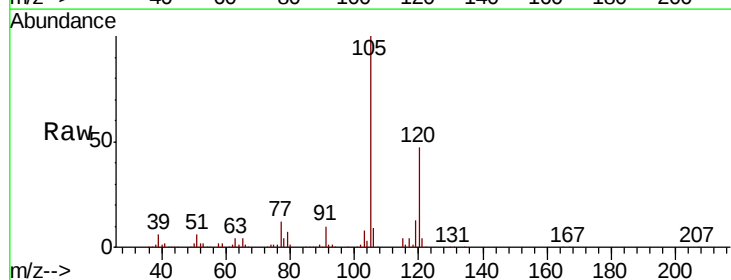


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

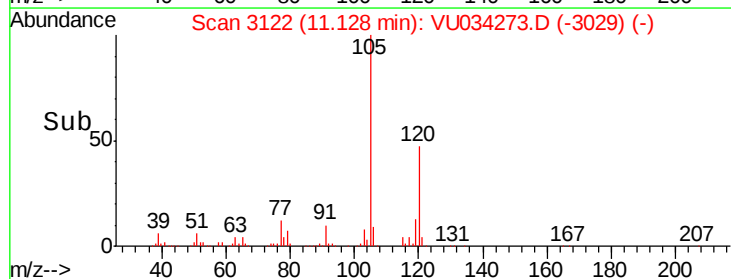
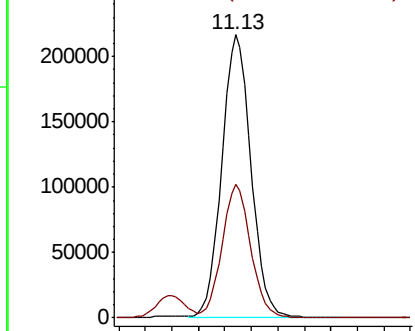


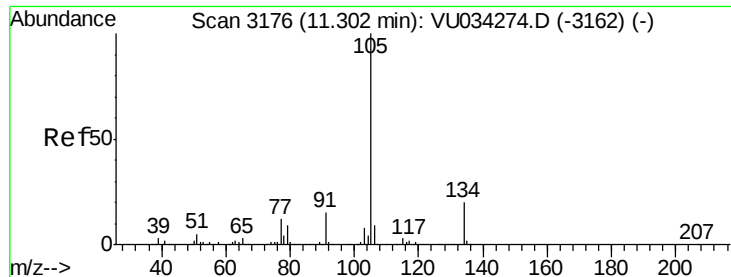
#84
 1,2,4-Trimethylbenzene
 Concen: 20.613 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion:105 Resp: 329054
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8



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

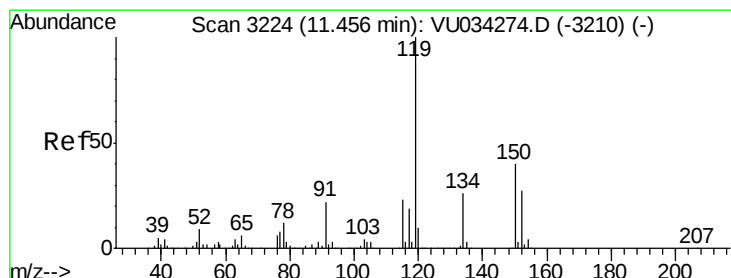
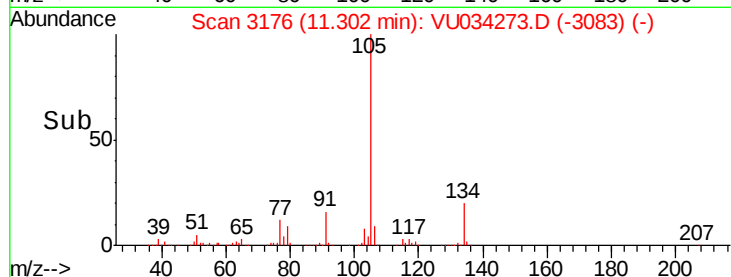
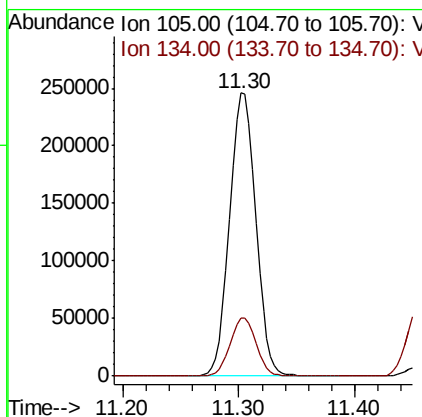
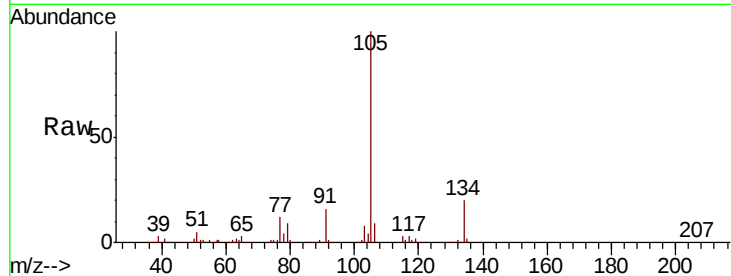




#85
 sec-Butylbenzene
 Concen: 20.148 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

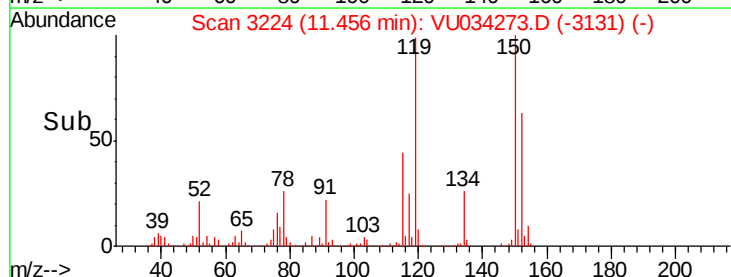
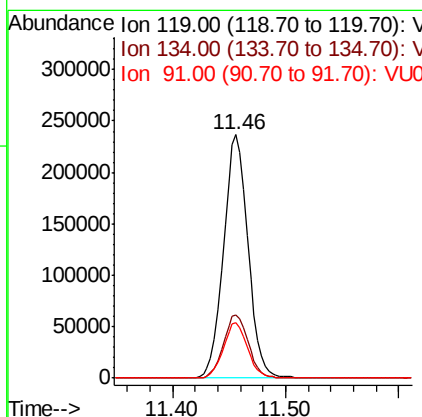
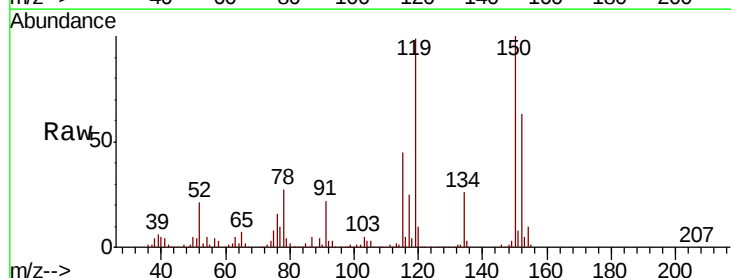
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC020

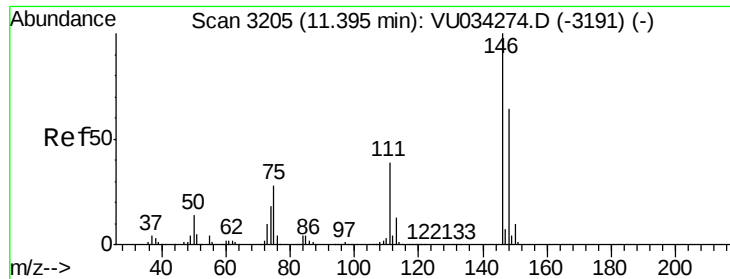
Tgt Ion:105 Resp: 382371
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.638 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion:119 Resp: 354542
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.5 11.2 33.6

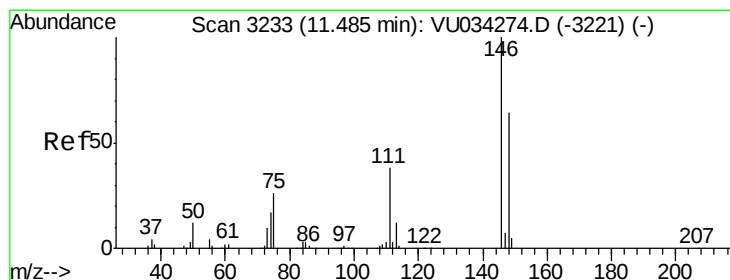
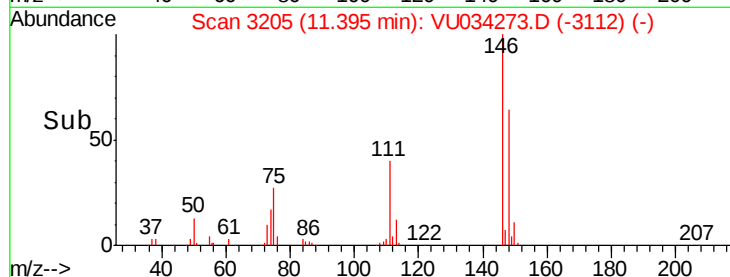
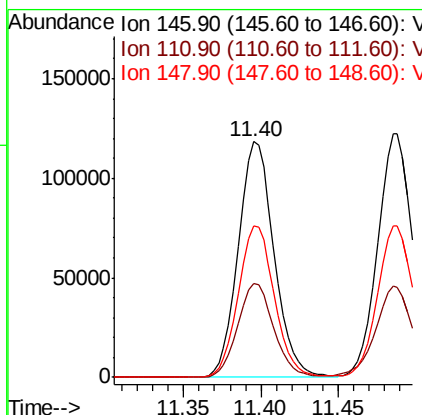
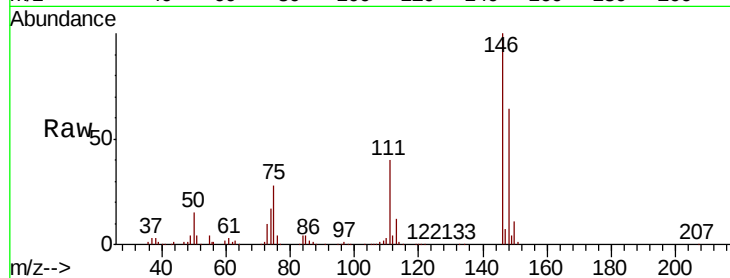




#87
 1,3-Dichlorobenzene
 Concen: 20.861 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

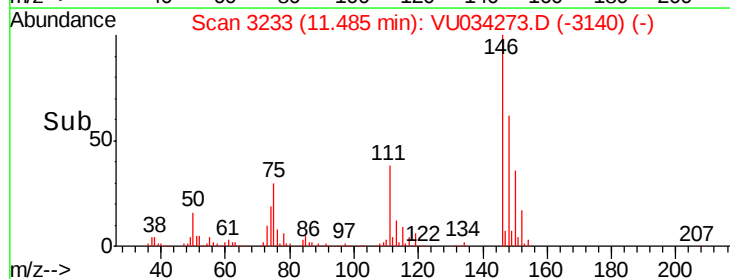
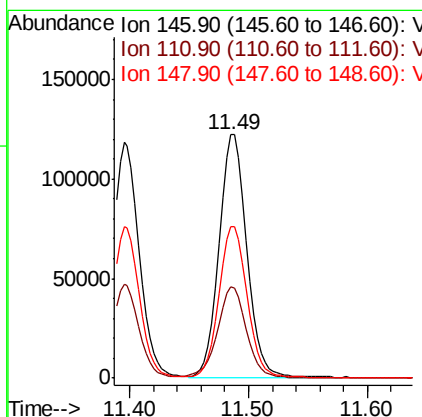
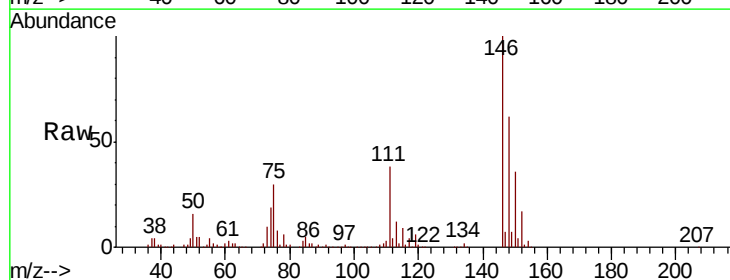
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

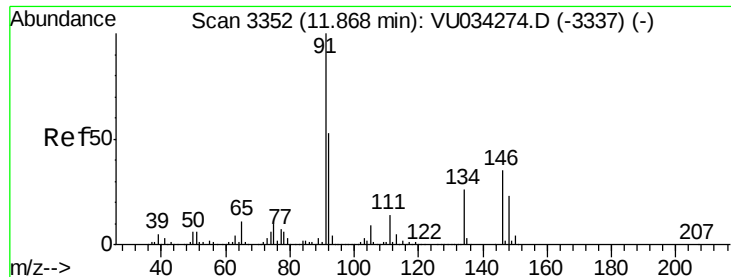
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.5	58.5
148	64.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.185 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	63.4	32.0	96.0

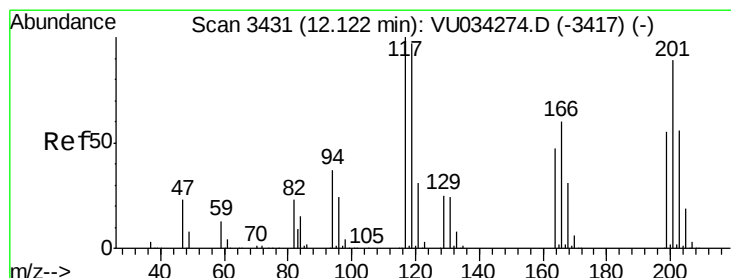
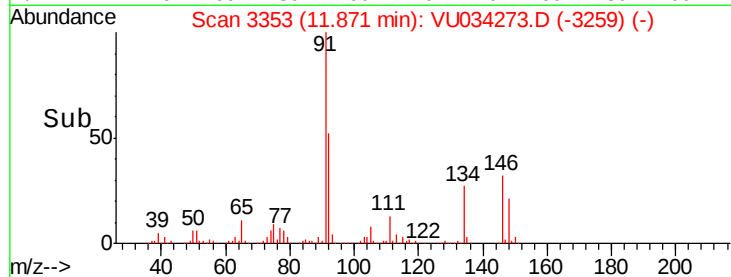
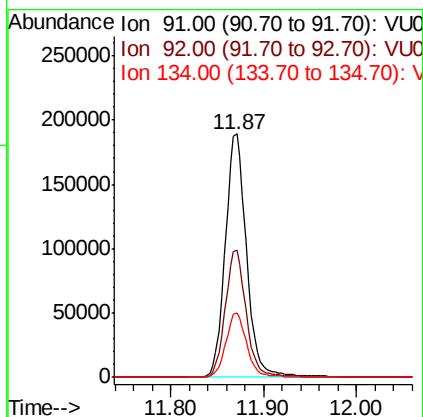
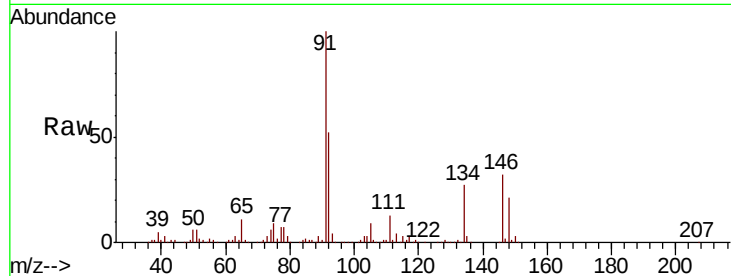




#89
n-Butylbenzene
Concen: 20.001 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

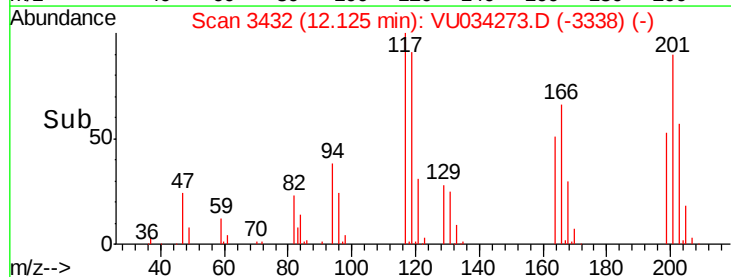
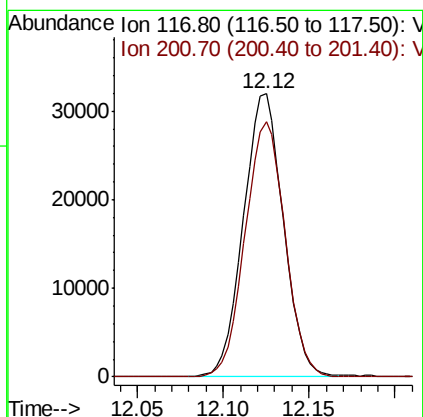
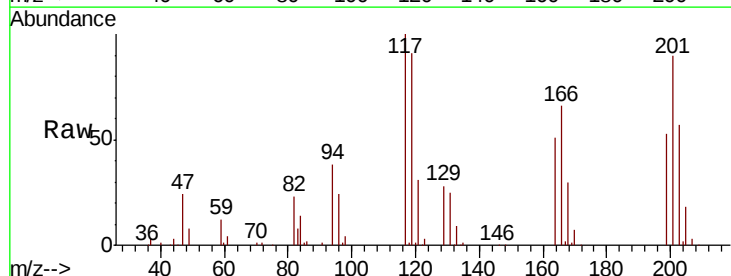
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

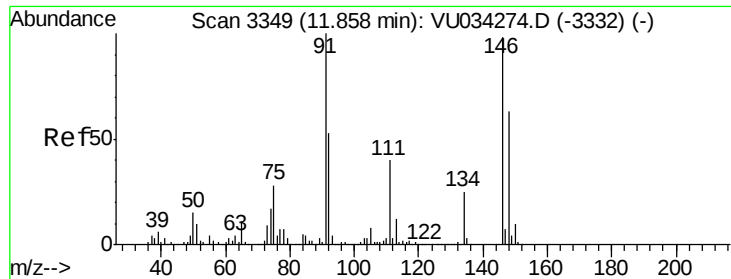
Tgt Ion: 91 Resp: 302508
Ion Ratio Lower Upper
91 100
92 51.4 26.5 79.4
134 25.7 13.2 39.6



#90
Hexachloroethane
Concen: 17.569 ug/l
RT: 12.12 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion: 117 Resp: 51612
Ion Ratio Lower Upper
117 100
201 89.9 44.1 132.4

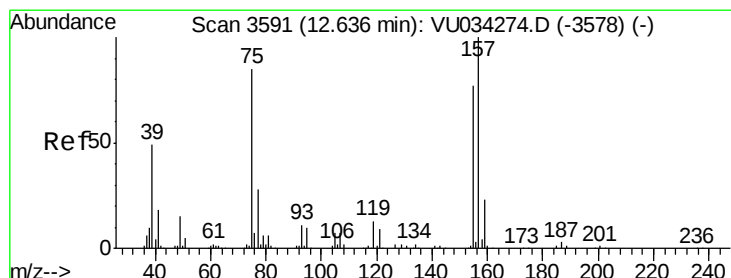
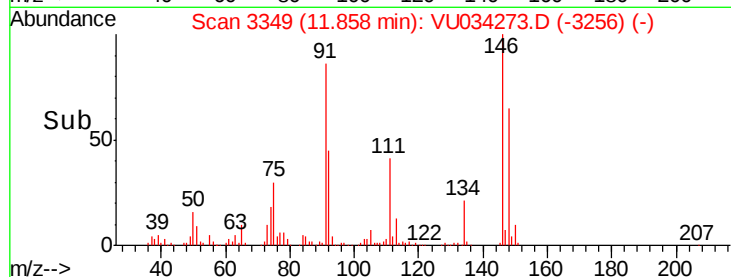
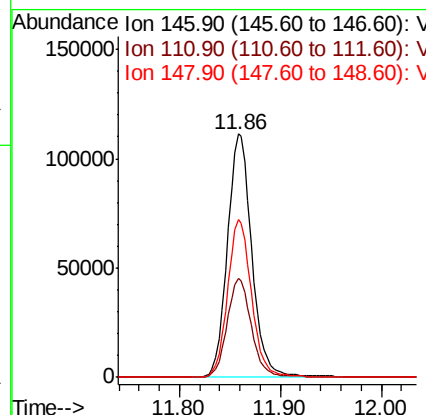
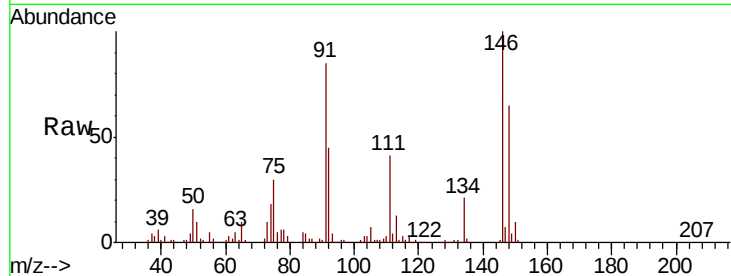




#91
 1,2-Dichlorobenzene
 Concen: 21.463 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

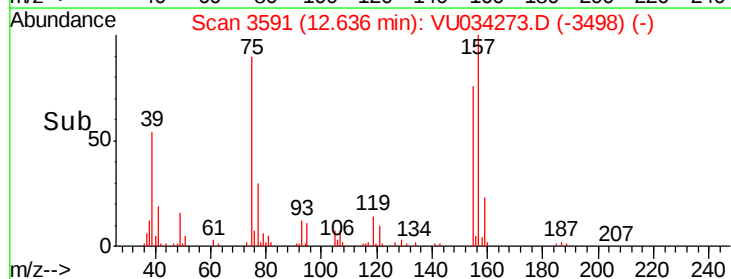
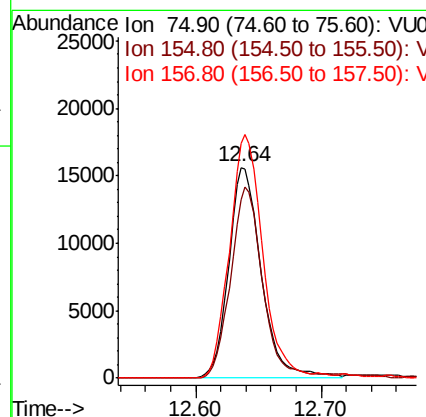
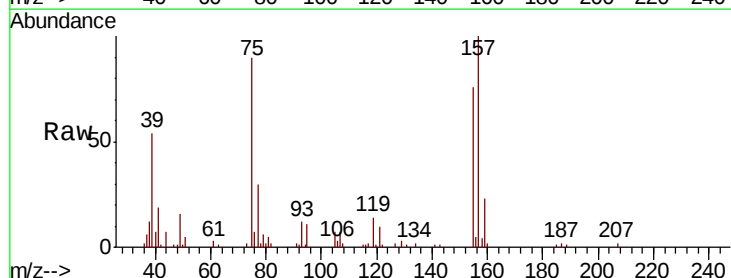
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

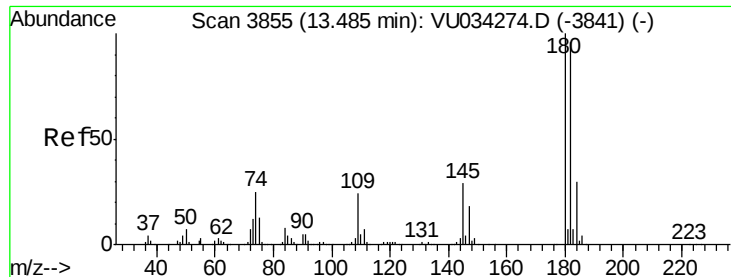
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	63.6	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.401 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	44.6	134.0
157	118.1	58.2	174.6

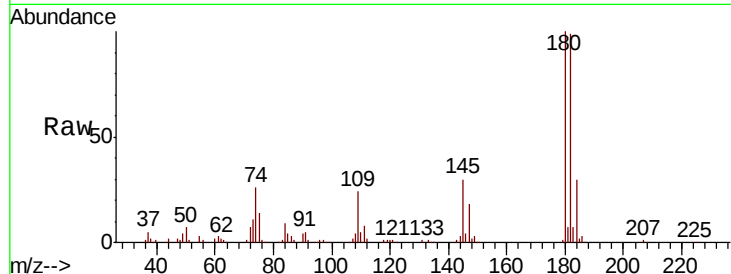




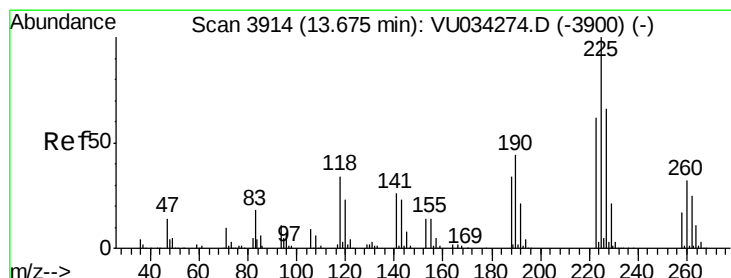
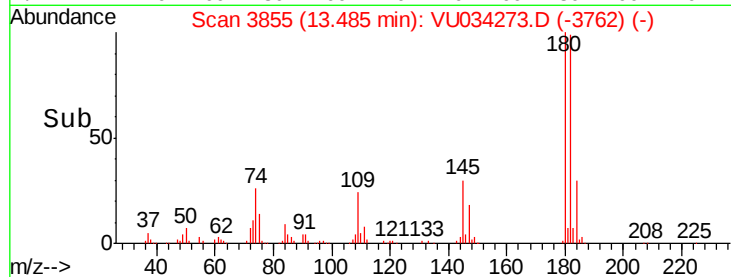
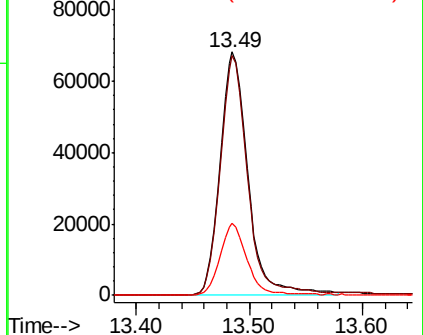
#93
 1,2,4-Trichlorobenzene
 Concen: 21.934 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 117761
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.9 143.8
 145 28.5 14.4 43.0

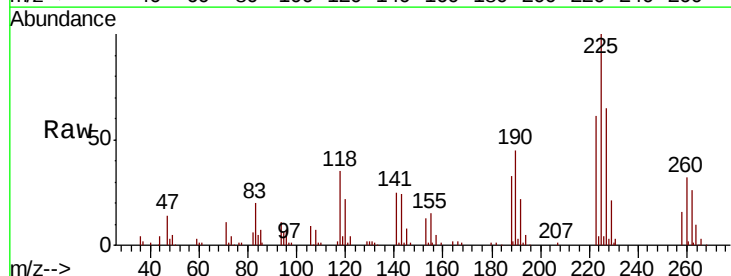


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

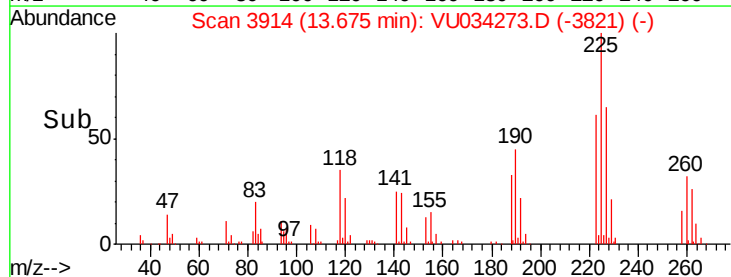
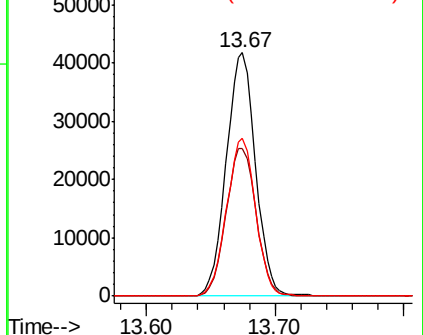


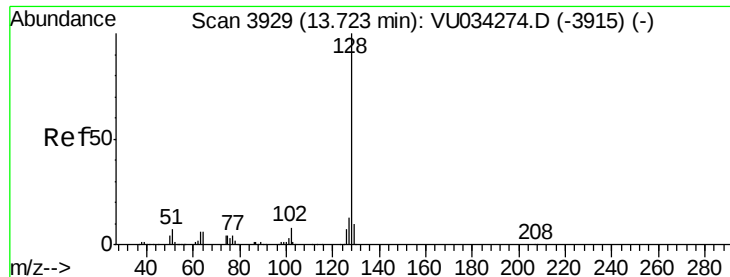
#94
 Hexachlorobutadiene
 Concen: 19.486 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: VU034273.D
 Acq: 05 Sep 2019 10:00

Tgt Ion:225 Resp: 65746
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 94.7
 227 64.2 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

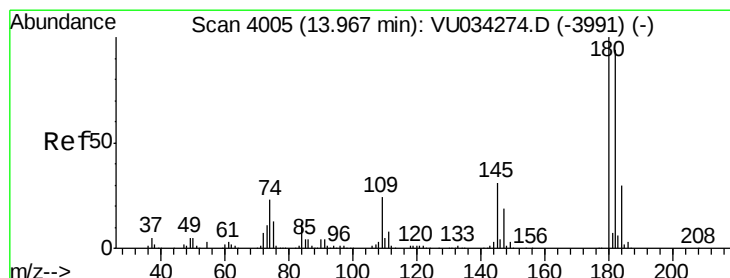
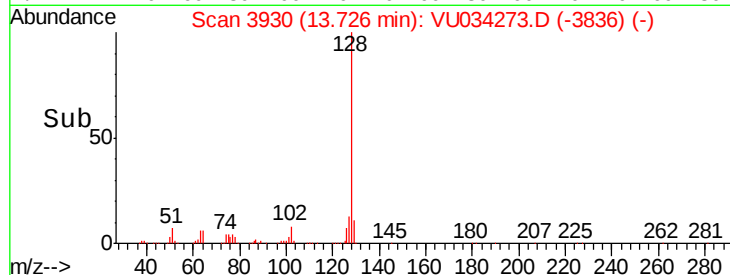
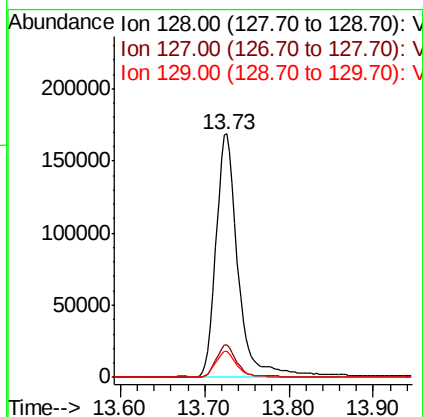
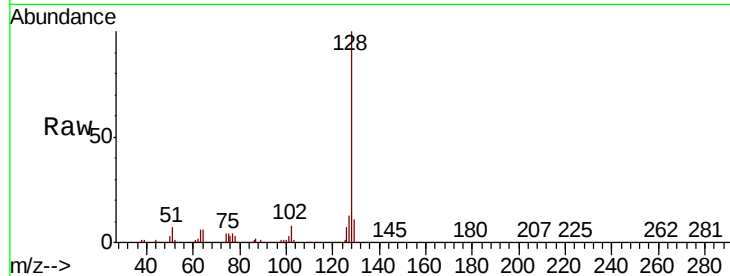




#95
Naphthalene
Concen: 20.843 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 308713
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.952 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034273.D
Acq: 05 Sep 2019 10:00

Tgt Ion:180 Resp: 118087
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 30.2 15.4 46.4

