

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025278.D
 Acq On : 09 Jul 2018 17:01
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 10 01:19:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	259142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	230070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	110544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	4198	1.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.08%	
35) Dibromofluoromethane	4.89	113	3119	1.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.86%	
50) Toluene-d8	7.57	98	10221	1.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.74%	
62) 4-Bromofluorobenzene	10.32	95	4126	1.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	2016	1.113 ug/l	97
3) Chloromethane	1.33	50	3222	1.572 ug/l	99
4) Vinyl Chloride	1.40	62	2443	1.227 ug/l	91
5) Bromomethane	1.63	94	2779	1.911 ug/l	97
6) Chloroethane	1.70	64	1796	1.295 ug/l #	86
7) Trichlorofluoromethane	1.89	101	3574	1.142 ug/l	98
8) Diethyl Ether	2.10	74	1339	1.141 ug/l #	46
9) 1,1,2-Trichlorotrifluoroet	2.29	101	2187	1.128 ug/l	94
10) Methyl Iodide	2.42	142	1778	0.949 ug/l	91
11) Tert butyl alcohol	2.83	59	5165	7.749 ug/l #	90
12) 1,1-Dichloroethene	2.29	96	2020	1.139 ug/l	96
13) Acrolein	2.20	56	2606	6.296 ug/l #	74
14) Allyl chloride	2.60	41	3486	1.083 ug/l	98
15) Acrylonitrile	2.94	53	7189	5.894 ug/l	97
16) Acetone	2.32	43	9380	6.388 ug/l	98
17) Carbon Disulfide	2.48	76	7822	1.423 ug/l	95
18) Methyl Acetate	2.62	43	3375	1.212 ug/l	96
19) Methyl tert-butyl Ether	3.00	73	7627	1.130 ug/l	96
20) Methylene Chloride	2.70	84	3920	1.625 ug/l	91
21) trans-1,2-Dichloroethene	2.99	96	2518	1.242 ug/l	95
22) Diisopropyl ether	3.58	45	7535	1.147 ug/l #	86
23) Vinyl Acetate	3.53	43	31040	5.385 ug/l	98
24) 1,1-Dichloroethane	3.45	63	3852	1.039 ug/l #	95
25) 2-Butanone	4.27	43	10814	5.737 ug/l	91
26) 2,2-Dichloropropane	4.23	77	4146	1.164 ug/l #	74
27) cis-1,2-Dichloroethene	4.23	96	2899	1.236 ug/l	97
28) Bromochloromethane	4.55	49	1863	1.041 ug/l #	90
29) Tetrahydrofuran	4.65	42	6722	5.946 ug/l	98
30) Chloroform	4.68	83	4329	1.103 ug/l	91
31) Cyclohexane	4.99	56	7412	1.800 ug/l #	64
32) 1,1,1-Trichloroethane	4.92	97	3964	1.115 ug/l #	51
36) 1,1-Dichloropropene	5.15	75	3216	1.116 ug/l #	79
37) Ethyl Acetate	4.39	43	3428	1.067 ug/l #	90
38) Carbon Tetrachloride	5.14	117	3157	1.018 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025278.D
 Acq On : 09 Jul 2018 17:01
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 10 01:19:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	3925	1.092	ug/l	95
40) Benzene	5.39	78	9338	1.125	ug/l #	87
41) Methacrylonitrile	4.56	41	1925	1.081	ug/l #	72
42) 1,2-Dichloroethane	5.41	62	2142	0.649	ug/l	98
43) Isopropyl Acetate	5.55	43	5594	1.087	ug/l #	94
44) Trichloroethene	6.19	130	2965	1.244	ug/l	91
45) 1,2-Dichloropropane	6.44	63	2445	1.124	ug/l #	73
46) Dibromomethane	6.57	93	1892	1.196	ug/l	83
47) Bromodichloromethane	6.76	83	3062	1.042	ug/l	91
48) Methyl methacrylate	6.63	41	2618	1.021	ug/l	91
49) 1,4-Dioxane	6.62	88	1089	17.644	ug/l #	81
51) 4-Methyl-2-Pentanone	7.46	43	18360	5.490	ug/l	100
52) Toluene	7.64	92	5771	1.093	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	3210	0.994	ug/l	93
54) cis-1,3-Dichloropropene	7.28	75	3534	1.028	ug/l	91
55) 1,1,2-Trichloroethane	8.08	97	2592	1.178	ug/l #	81
56) Ethyl methacrylate	8.02	69	3639	1.059	ug/l	97
57) 1,3-Dichloropropane	8.25	76	3897	1.067	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.14	63	5749	4.742	ug/l	96
59) 2-Hexanone	8.37	43	14835	5.469	ug/l	94
60) Dibromochloromethane	8.48	129	2247	0.946	ug/l	92
61) 1,2-Dibromoethane	8.59	107	2491	1.058	ug/l	96
64) Tetrachloroethene	8.23	164	2294	1.094	ug/l	92
65) Chlorobenzene	9.12	112	6506	1.132	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.21	131	2092	1.018	ug/l #	67
67) Ethyl Benzene	9.25	91	10891	1.112	ug/l #	85
68) m/p-Xylenes	9.38	106	7747	2.045	ug/l	95
69) o-Xylene	9.78	106	4261	1.124	ug/l	97
70) Styrene	9.80	104	6231	1.034	ug/l	96
71) Bromoform	9.97	173	1750	0.984	ug/l #	85
73) Isopropylbenzene	10.17	105	10704	1.267	ug/l	96
74) N-amyl acetate	10.02	43	4834	1.318	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.46	83	3398	1.230	ug/l	96
76) 1,2,3-Trichloropropane	10.23	75	616	0.247	ug/l	87
77) Bromobenzene	10.46	156	2667	1.234	ug/l	88
78) n-propylbenzene	10.59	91	10761	1.148	ug/l	98
79) 2-Chlorotoluene	10.67	91	7760	1.323	ug/l	93
80) 1,3,5-Trimethylbenzene	10.78	105	8312	1.170	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.50	75	4303	4.737	ug/l #	100
82) 4-Chlorotoluene	10.78	91	8301	1.251	ug/l	97
83) tert-Butylbenzene	11.10	119	8931	1.244	ug/l	96
84) 1,2,4-Trimethylbenzene	11.16	105	8862	1.217	ug/l	98
85) sec-Butylbenzene	11.33	105	9418	1.114	ug/l	98
86) p-Isopropyltoluene	11.48	119	8289	1.107	ug/l	95
87) 1,3-Dichlorobenzene	11.43	146	4786	1.212	ug/l	96
88) 1,4-Dichlorobenzene	11.43	146	4786	1.180	ug/l	96
89) n-Butylbenzene	11.90	91	6416	1.042	ug/l	97
90) Hexachloroethane	12.15	117	1366	1.077	ug/l	89
91) 1,2-Dichlorobenzene	11.89	146	4708	1.180	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.66	75	710	1.059	ug/l	86

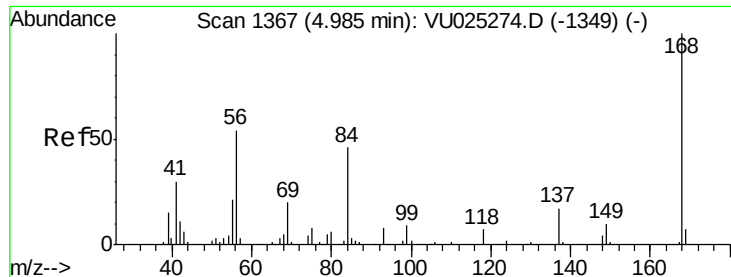
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
Data File : VU025278.D
Acq On : 09 Jul 2018 17:01
Operator : MD/SY
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Jul 10 01:19:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 01:16:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	3443	1.318	ug/l	97
94) Hexachlorobutadiene	13.70	225	1605	1.125	ug/l	95
95) Naphthalene	13.75	128	16621	1.849	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	4244	1.506	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

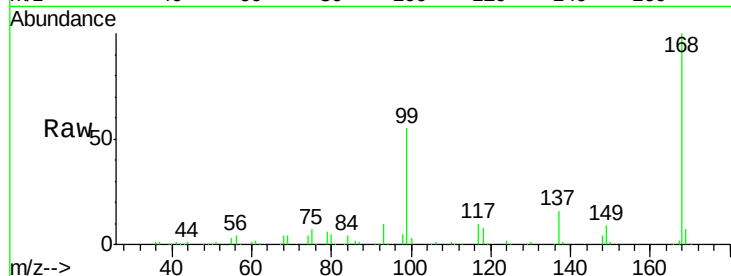
VSTDIC001

Tgt Ion: 168 Resp: 175029

Ion Ratio Lower Upper

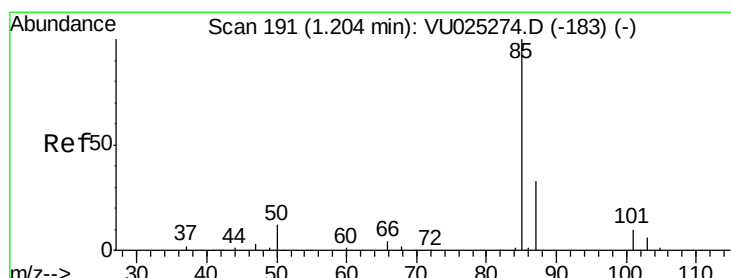
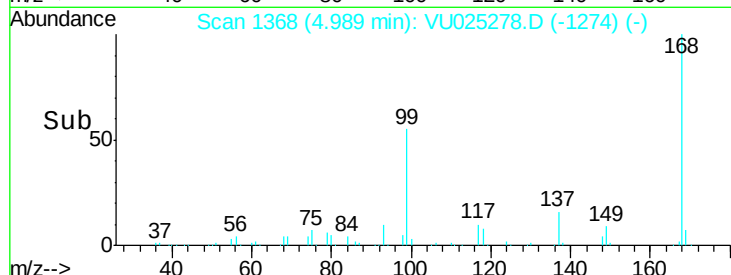
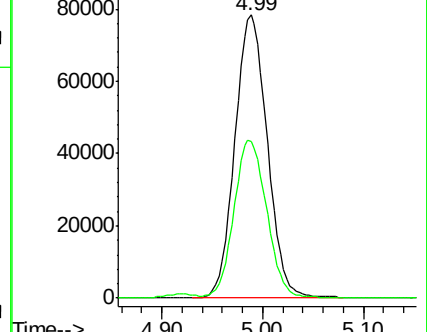
168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 1.113 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025278.D

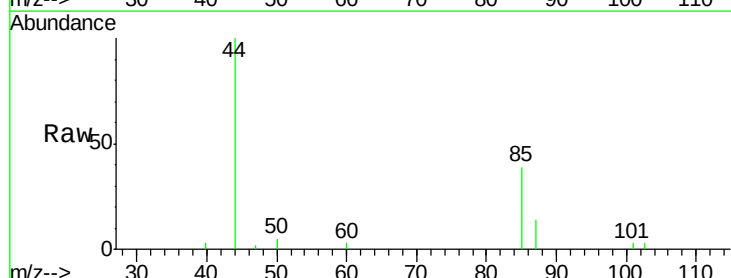
Acq: 09 Jul 2018 17:01

Tgt Ion: 85 Resp: 2016

Ion Ratio Lower Upper

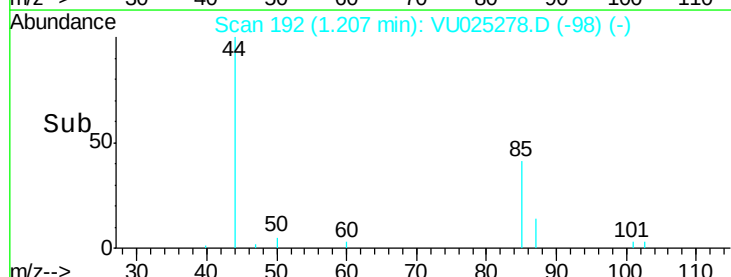
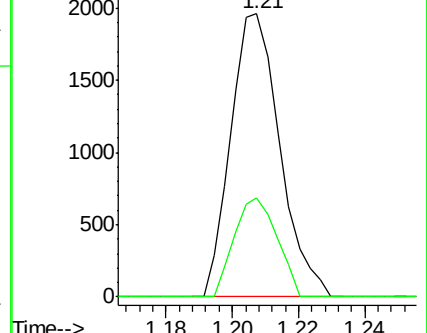
85 100

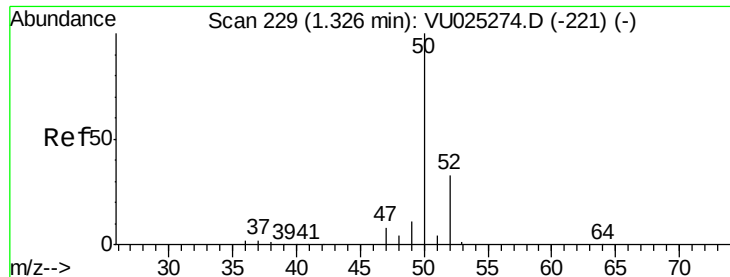
87 34.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)





#3

Chloromethane

Concen: 1.572 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

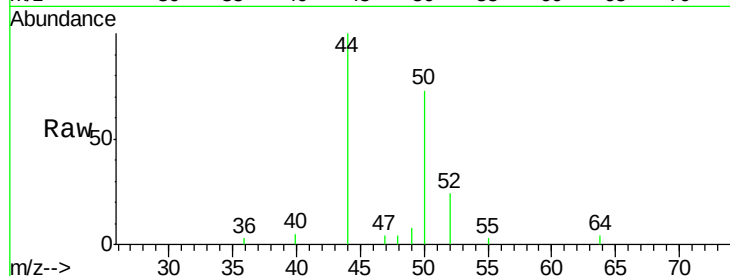
VSTDIC001

Tgt Ion: 50 Resp: 3222

Ion Ratio Lower Upper

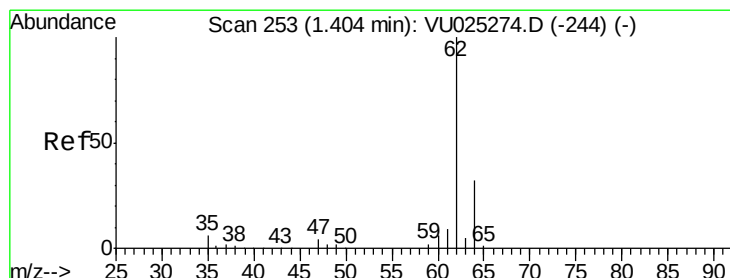
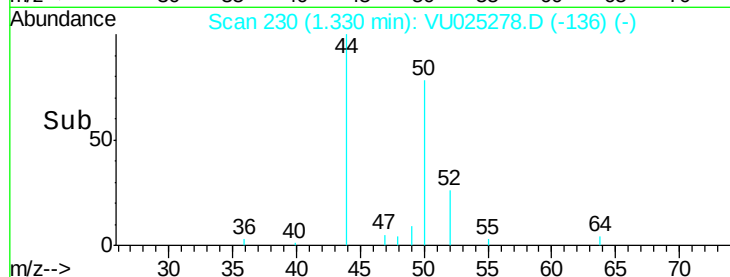
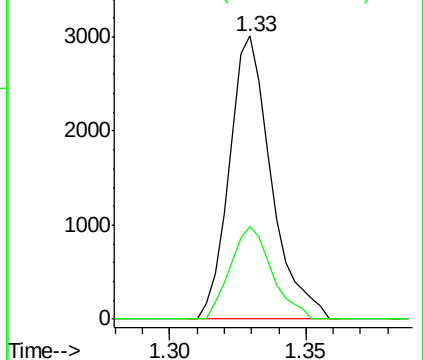
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 1.227 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025278.D

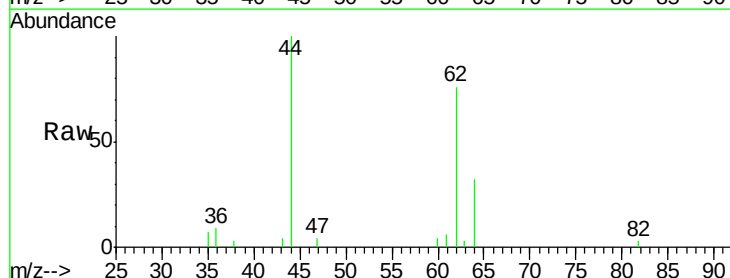
Acq: 09 Jul 2018 17:01

Tgt Ion: 62 Resp: 2443

Ion Ratio Lower Upper

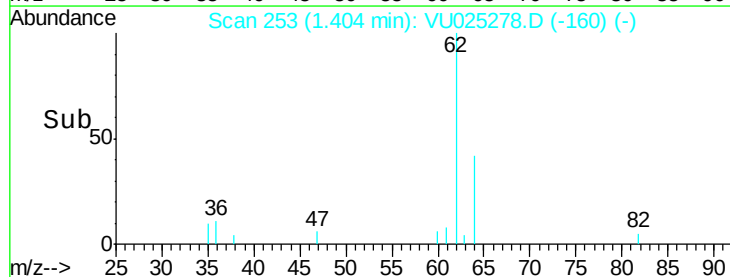
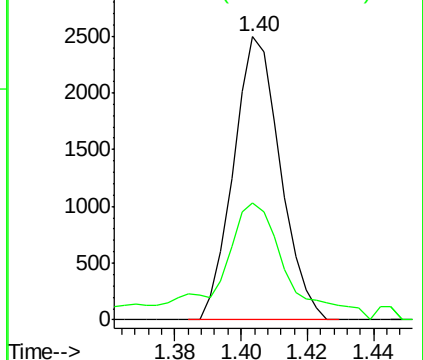
62 100

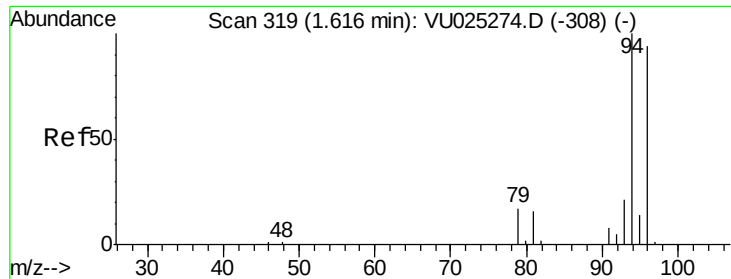
64 36.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 1.911 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

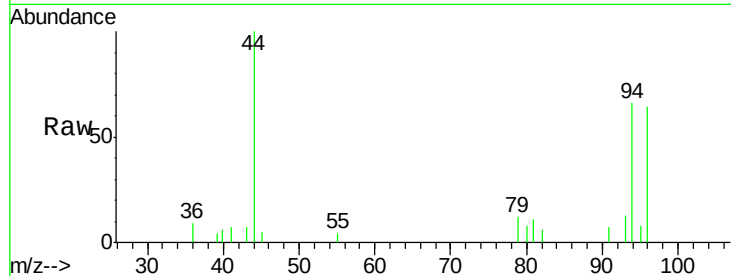
VSTDIC001

Tgt Ion: 94 Resp: 2779

Ion Ratio Lower Upper

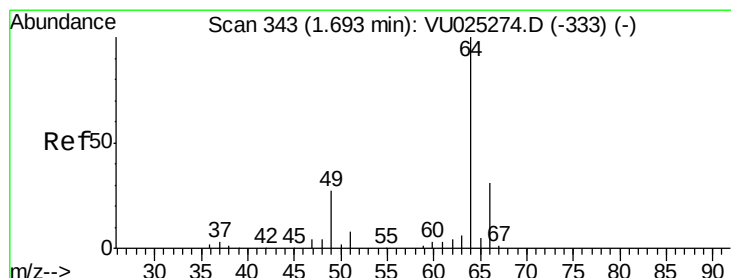
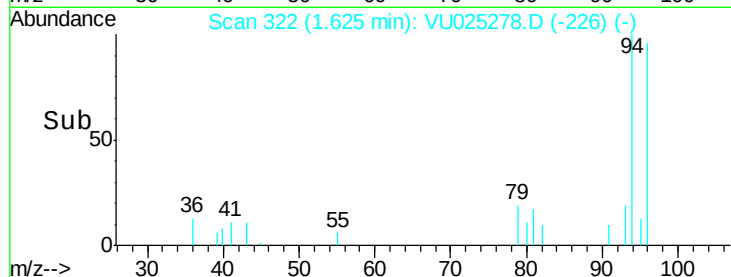
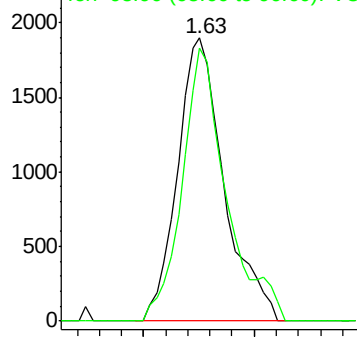
94 100

96 96.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 1.295 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025278.D

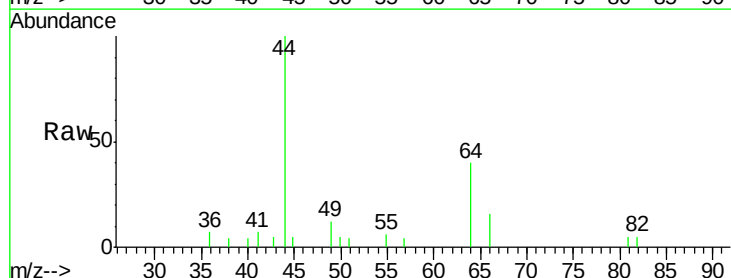
Acq: 09 Jul 2018 17:01

Tgt Ion: 64 Resp: 1796

Ion Ratio Lower Upper

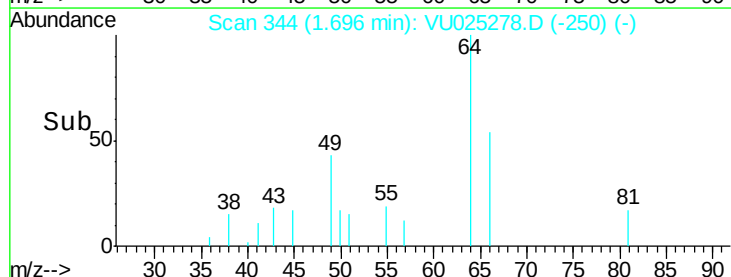
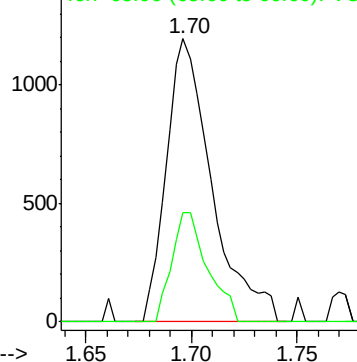
64 100

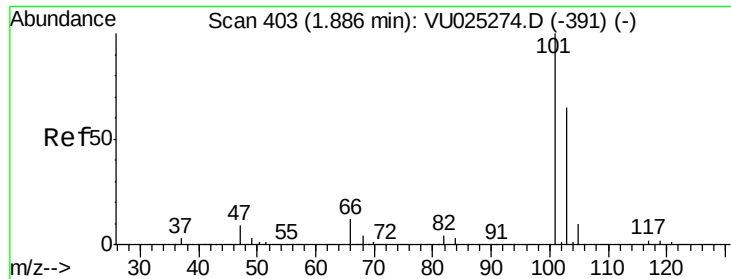
66 38.7 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 1.142 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

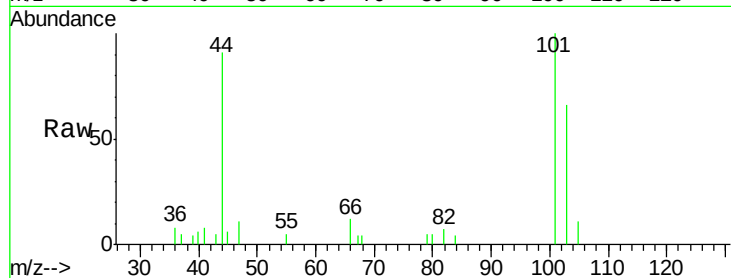
VSTDIC001

Tgt Ion:101 Resp: 3574

Ion Ratio Lower Upper

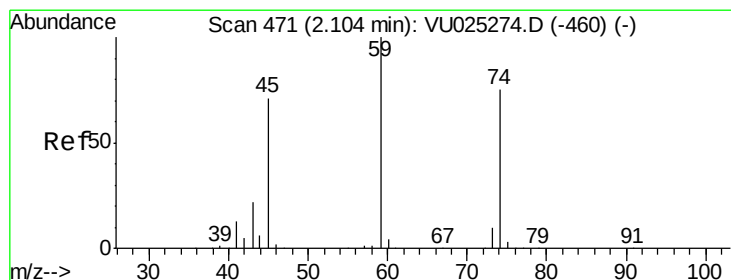
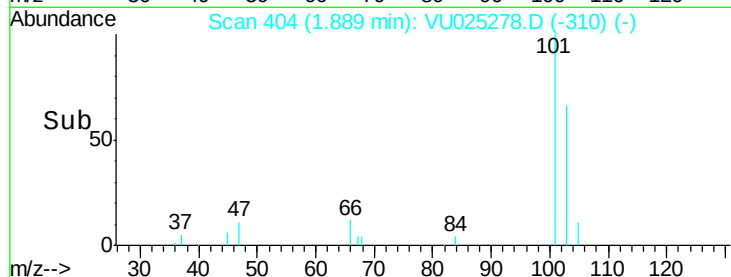
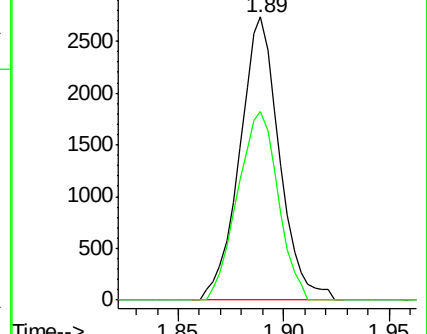
101 100

103 66.5 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.141 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025278.D

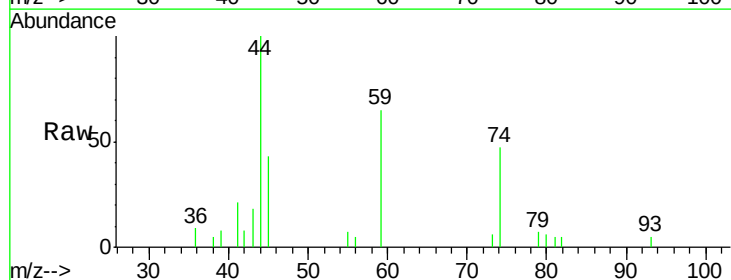
Acq: 09 Jul 2018 17:01

Tgt Ion: 74 Resp: 1339

Ion Ratio Lower Upper

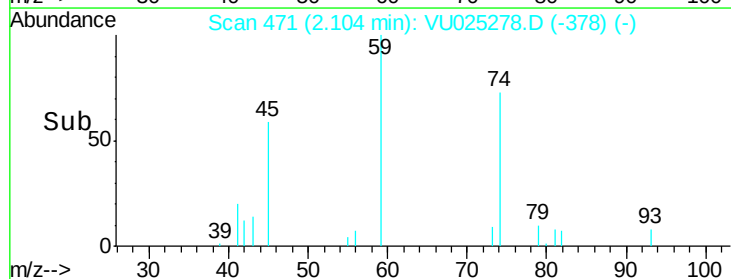
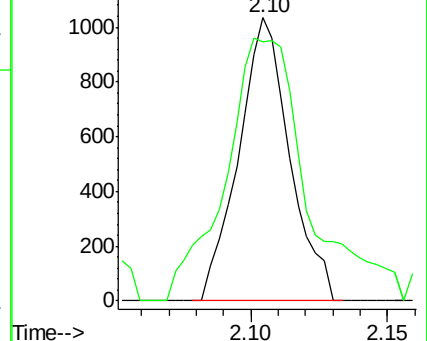
74 100

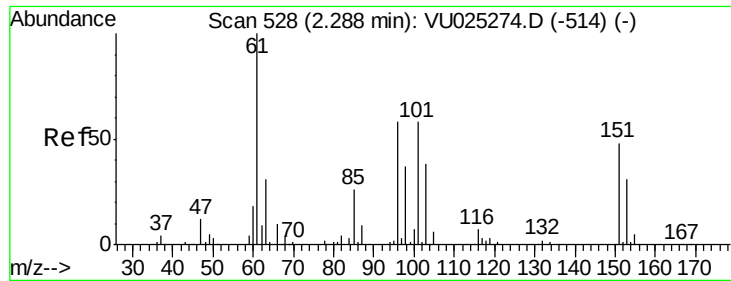
45 149.8 48.3 144.9#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.128 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

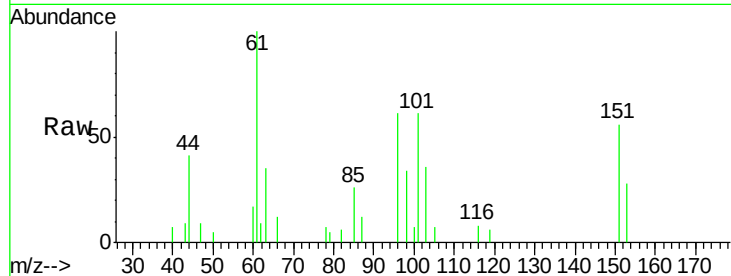
Tgt Ion:101 Resp: 2187

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

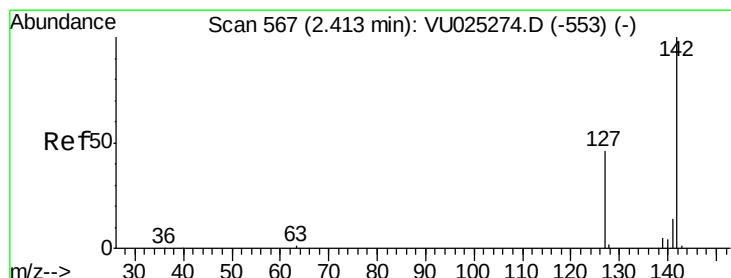
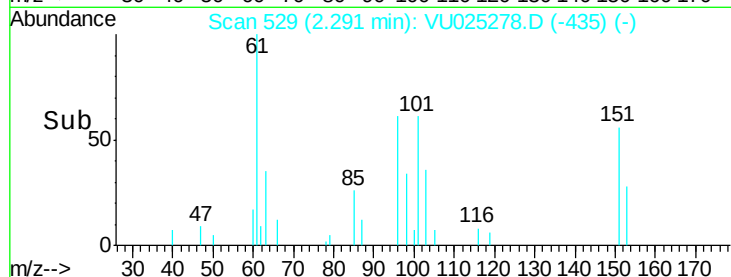
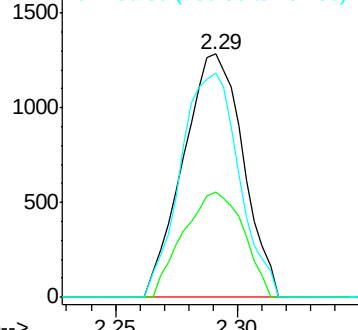
151 89.9 65.6 98.4



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: 0.949 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

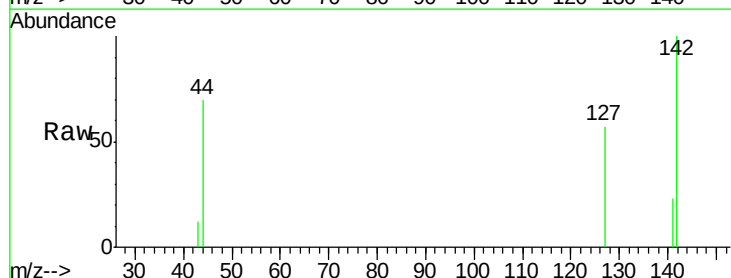
Tgt Ion:142 Resp: 1778

Ion Ratio Lower Upper

142 100

127 51.6 36.5 54.7

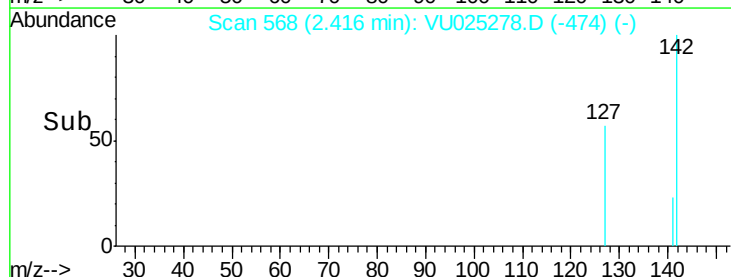
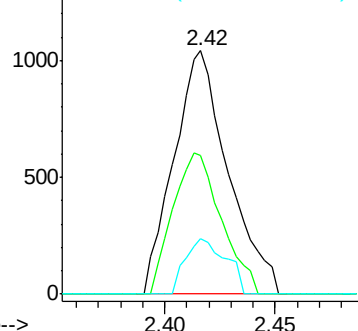
141 16.9 11.4 17.2

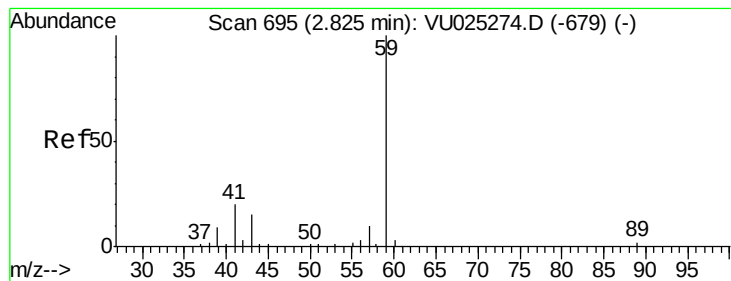


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



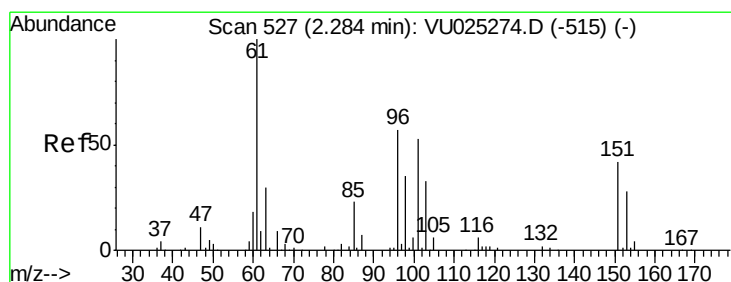
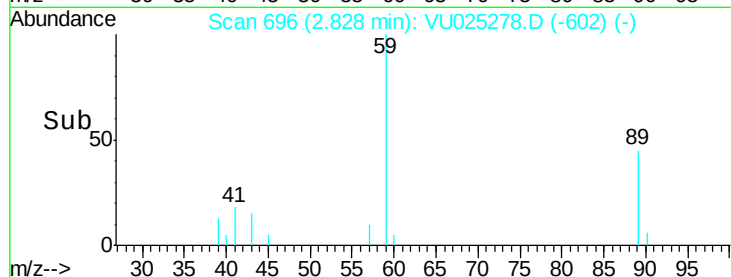
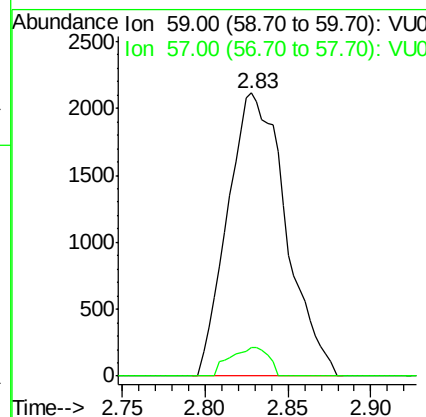
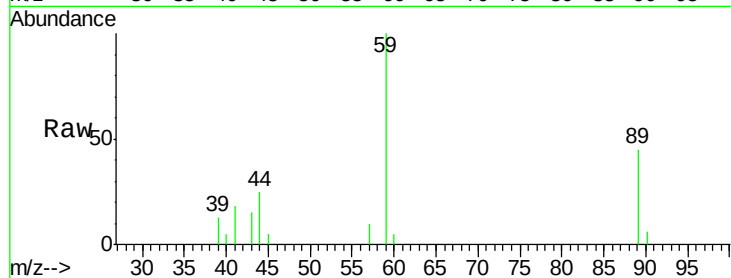


#11

Tert butyl alcohol
Concen: 7.749 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

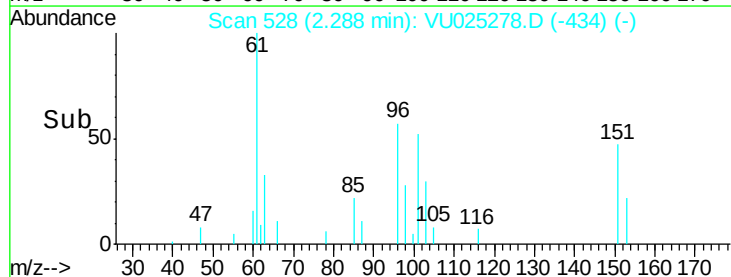
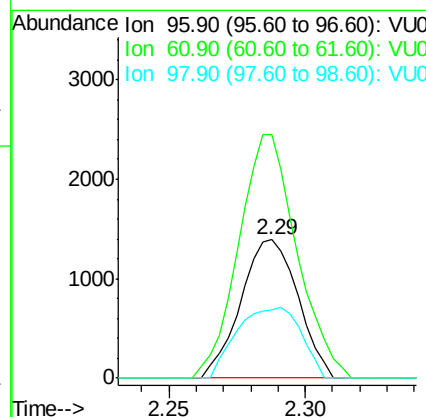
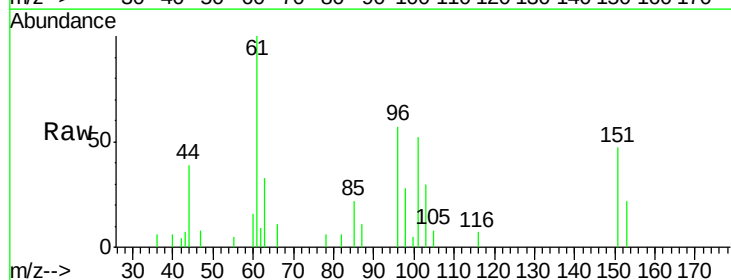
Tgt Ion: 59 Resp: 5165
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.2#

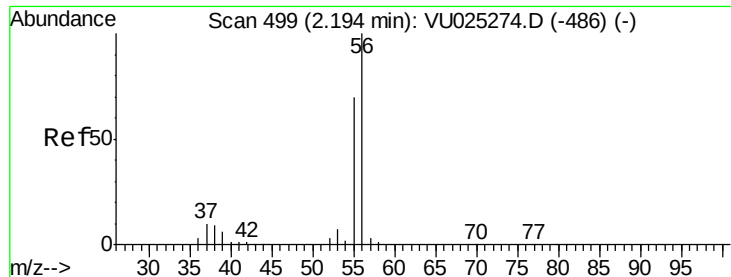


#12

1,1-Dichloroethene
Concen: 1.139 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 96 Resp: 2020
Ion Ratio Lower Upper
96 100
61 176.1 140.2 210.4
98 49.7 49.3 73.9





#13

Acrolein

Concen: 6.296 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

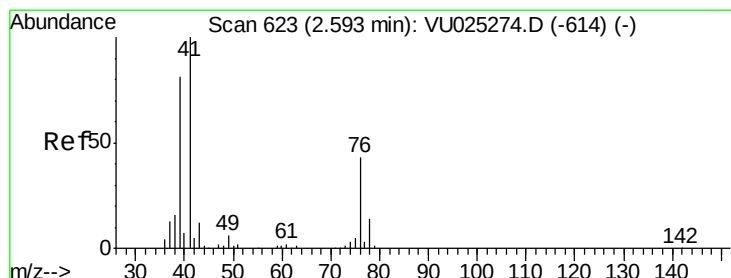
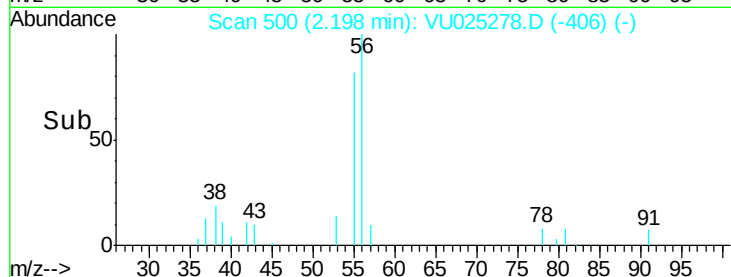
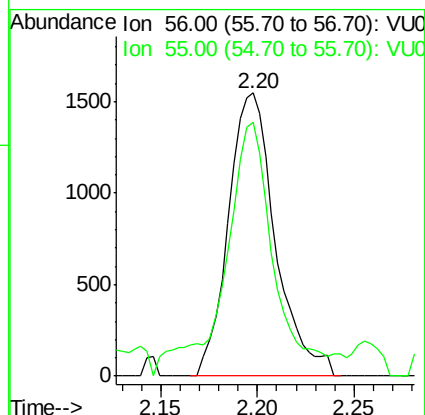
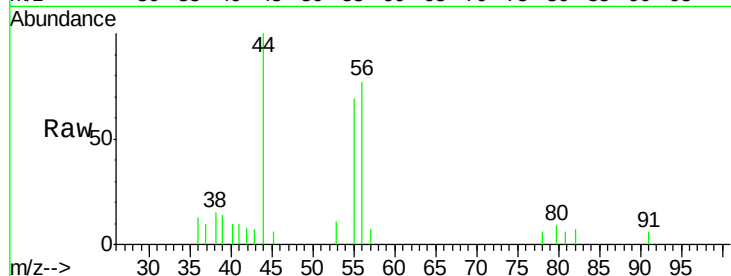
VSTDIC001

Tgt Ion: 56 Resp: 2606

Ion Ratio Lower Upper

56 100

55 92.8 57.2 85.8#



#14

Allyl chloride

Concen: 1.083 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

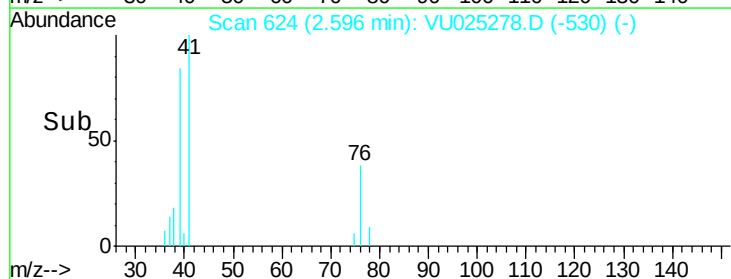
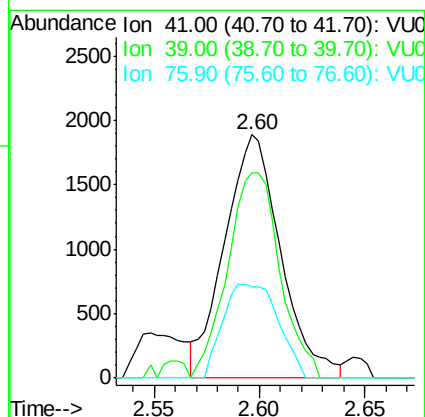
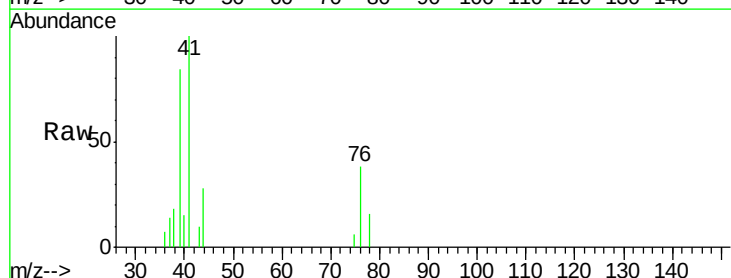
Tgt Ion: 41 Resp: 3486

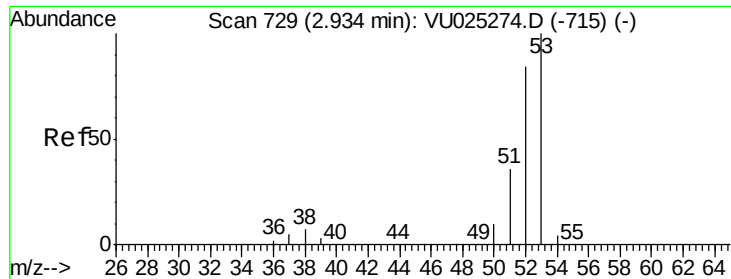
Ion Ratio Lower Upper

41 100

39 78.7 60.6 91.0

76 38.0 30.5 45.7

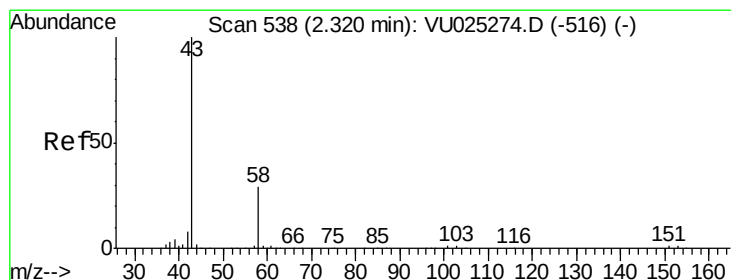
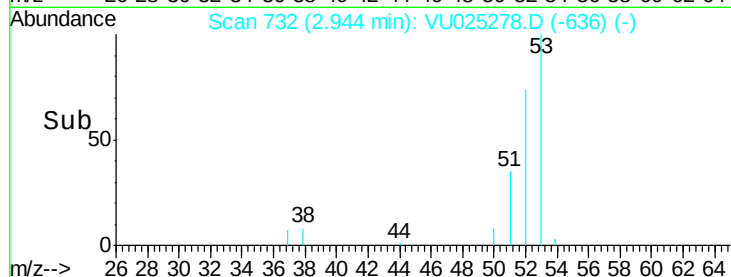
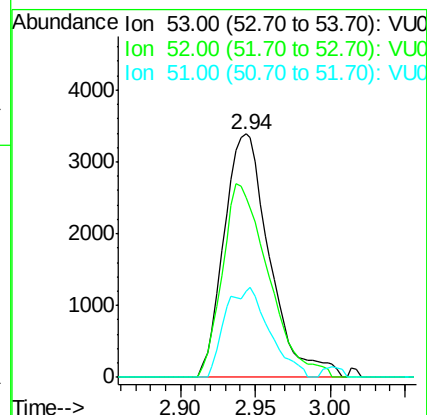
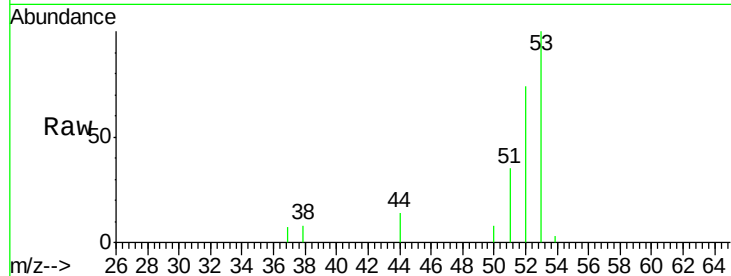




#15
Acrylonitrile
Concen: 5.894 ug/l
RT: 2.94 min Scan# 732
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

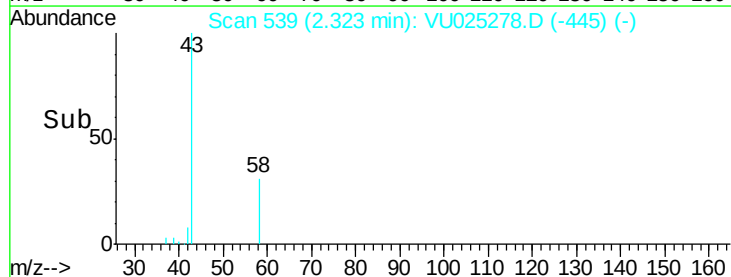
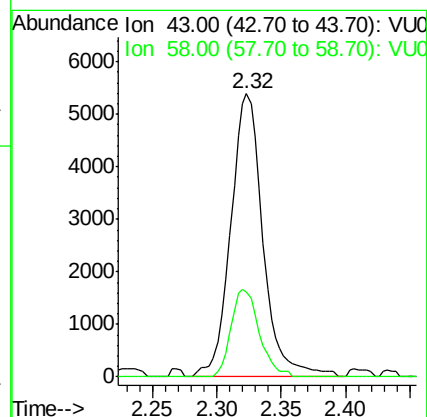
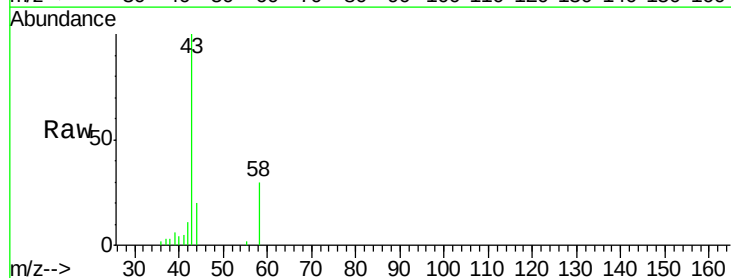
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

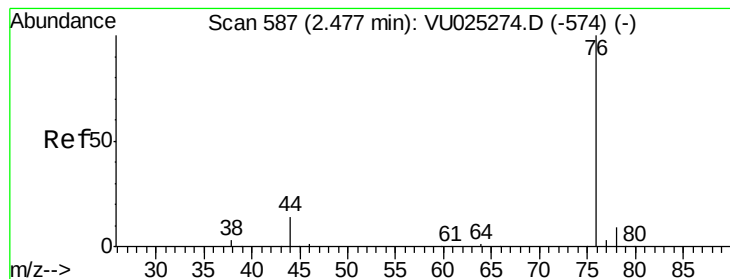
Tgt Ion: 53 Resp: 7189
Ion Ratio Lower Upper
53 100
52 80.2 66.6 99.8
51 35.7 29.4 44.2



#16
Acetone
Concen: 6.388 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 43 Resp: 9380
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17

Carbon Disulfide

Concen: 1.423 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

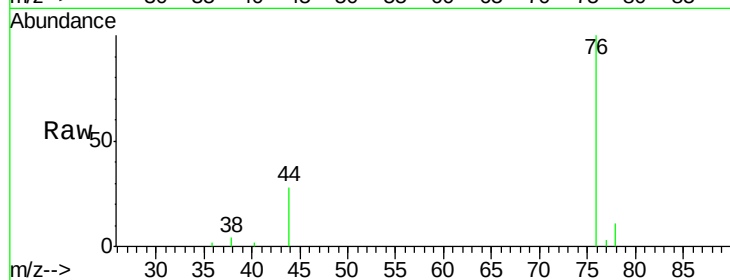
VSTDIC001

Tgt Ion: 76 Resp: 7822

Ion Ratio Lower Upper

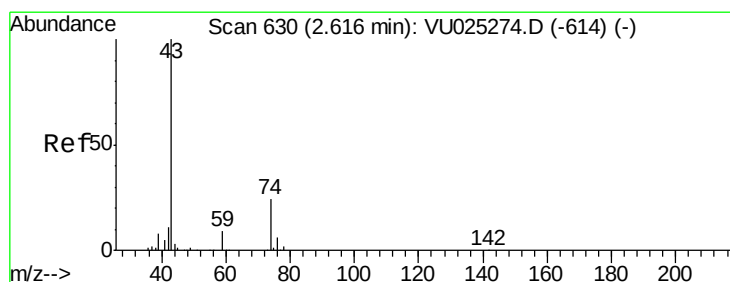
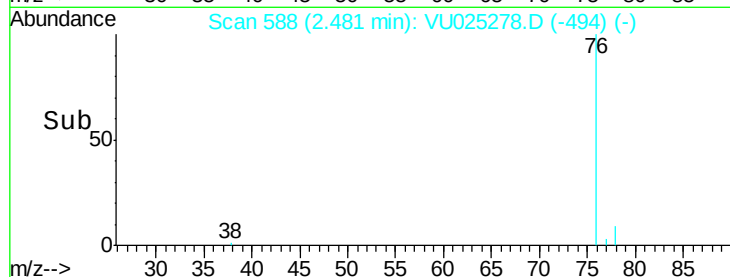
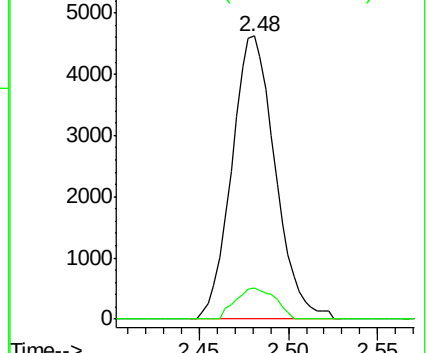
76 100

78 11.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 1.212 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025278.D

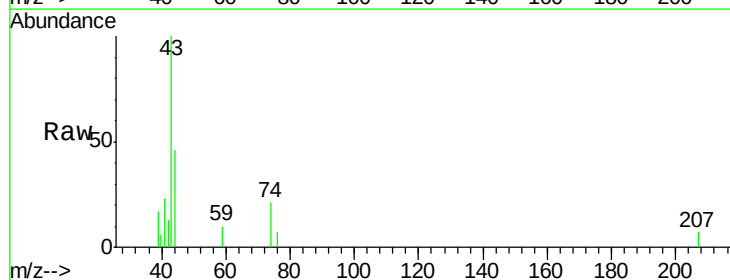
Acq: 09 Jul 2018 17:01

Tgt Ion: 43 Resp: 3375

Ion Ratio Lower Upper

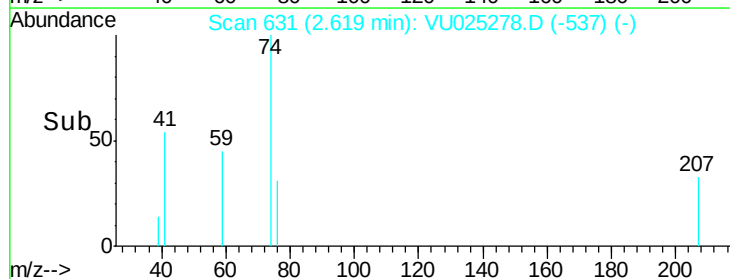
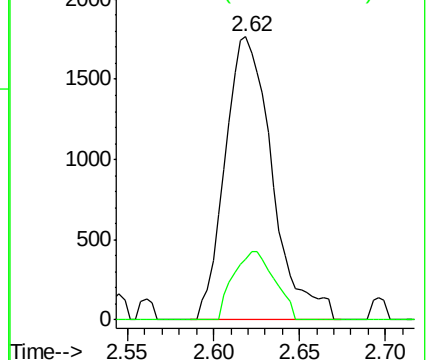
43 100

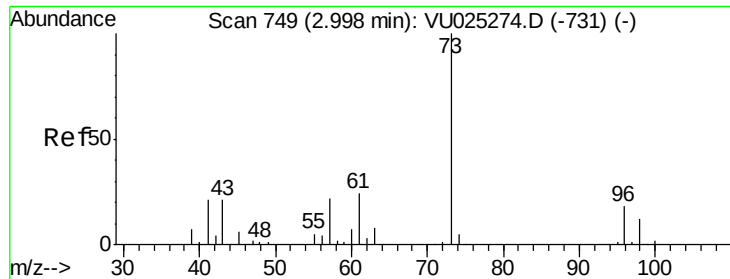
74 21.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

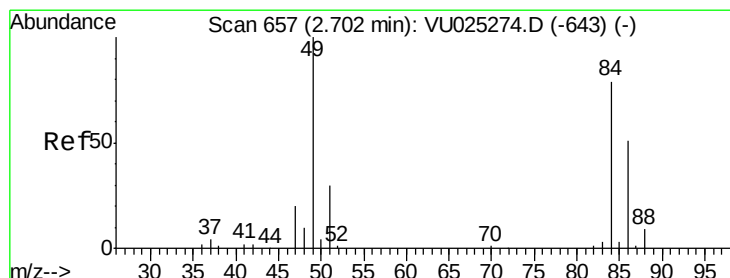
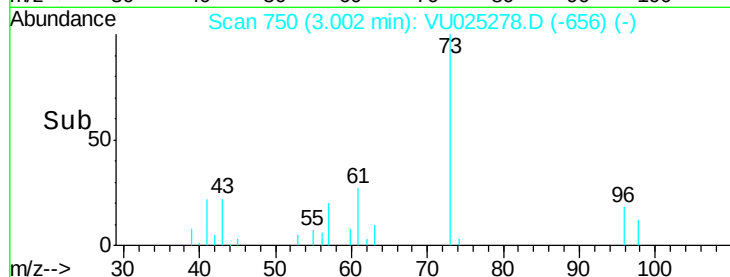
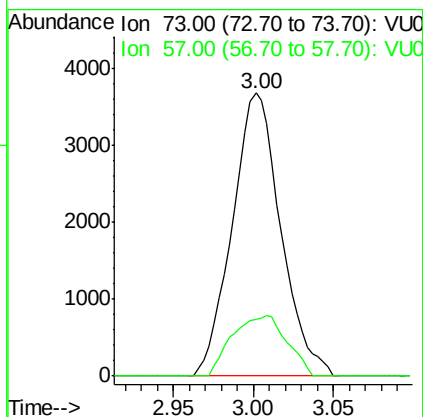
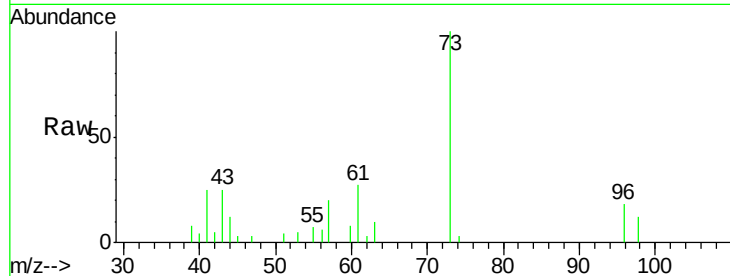




#19
Methyl tert-butyl Ether
Concen: 1.130 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

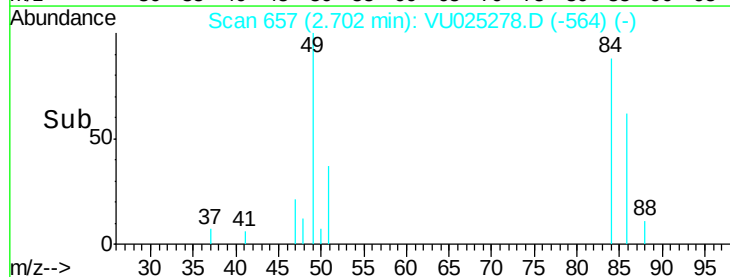
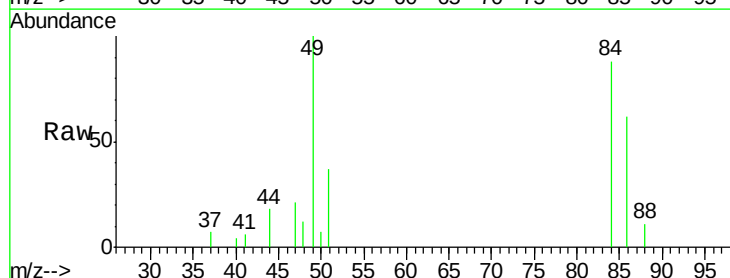
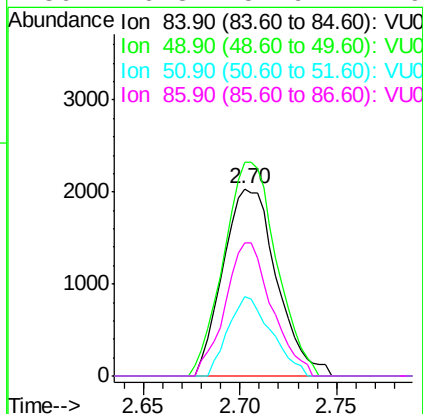
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

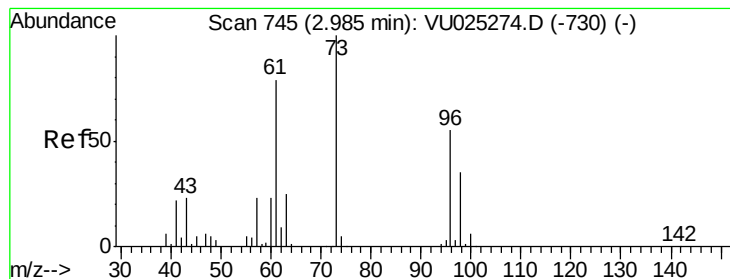
Tgt Ion: 73 Resp: 7627
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.2



#20
Methylene Chloride
Concen: 1.625 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 84 Resp: 3920
Ion Ratio Lower Upper
84 100
49 114.0 101.8 152.6
51 42.1 30.8 46.2
86 70.8 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 1.242 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

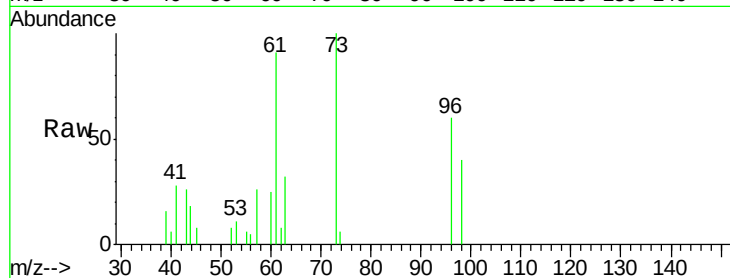
Tgt Ion: 96 Resp: 2518

Ion Ratio Lower Upper

96 100

61 150.3 114.5 171.7

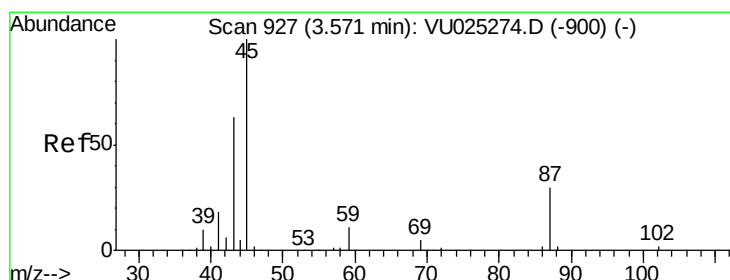
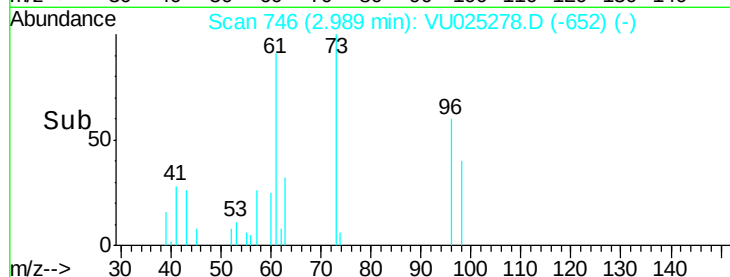
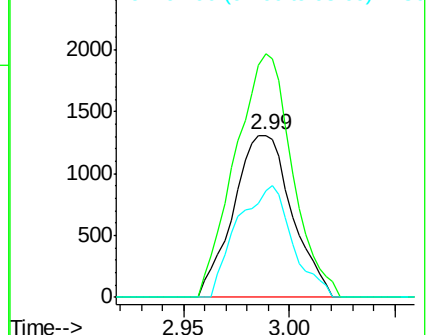
98 66.0 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025274.D (-730) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-730) (-)

Ion 97.90 (97.60 to 98.60): VU025274.D (-730) (-)



#22

Diisopropyl ether

Concen: 1.147 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Tgt Ion: 45 Resp: 7535

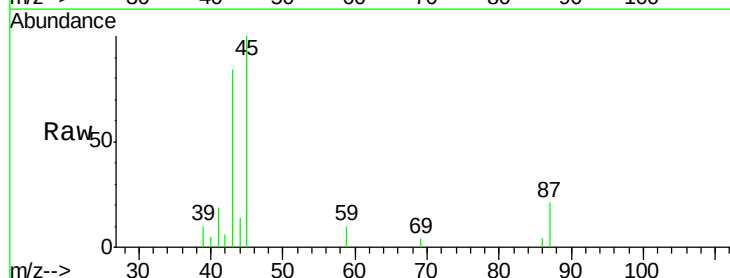
Ion Ratio Lower Upper

45 100

43 74.8 50.9 76.3

87 21.0 23.8 35.8#

59 9.7 9.0 13.4

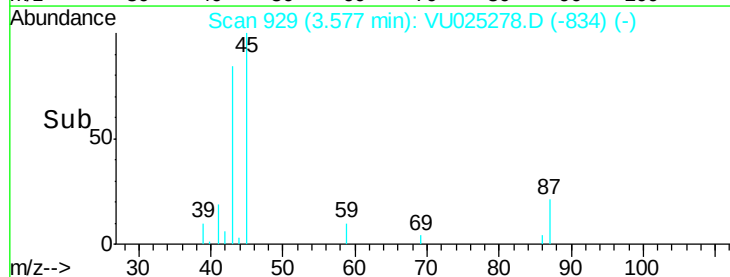
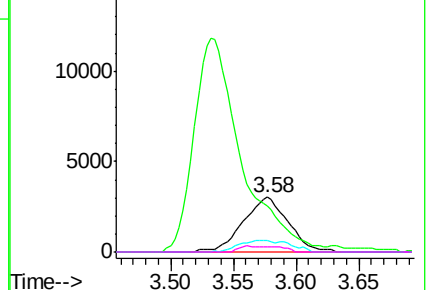


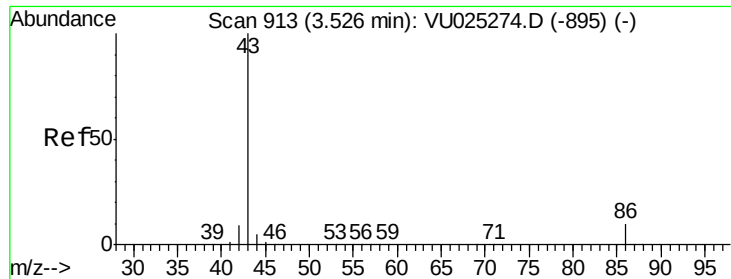
Abundance Ion 45.00 (44.70 to 45.70): VU025274.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025274.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025274.D (-900) (-)





#23

Vinyl Acetate

Concen: 5.385 ug/l

RT: 3.53 min Scan# 915

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

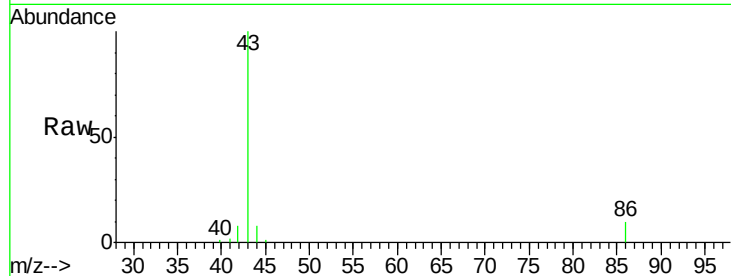
VSTDIC001

Tgt Ion: 43 Resp: 31040

Ion Ratio Lower Upper

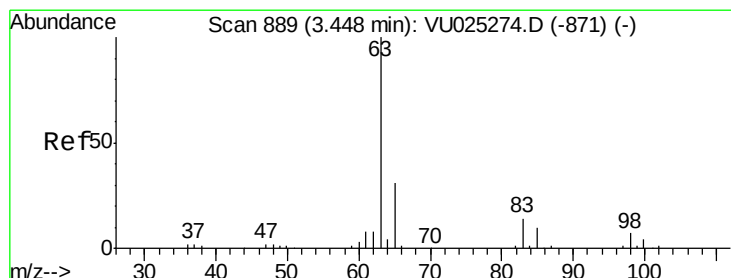
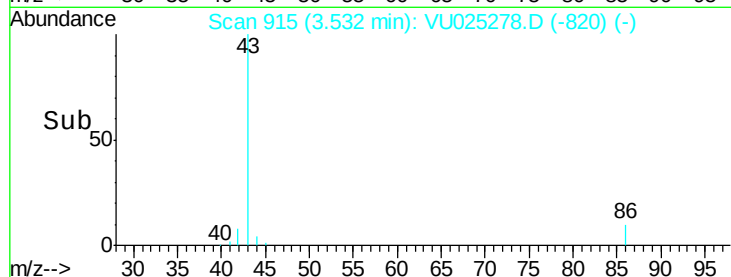
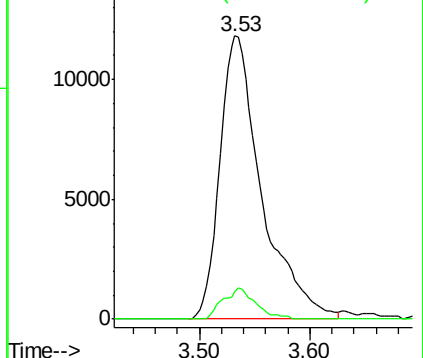
43 100

86 9.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 1.039 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

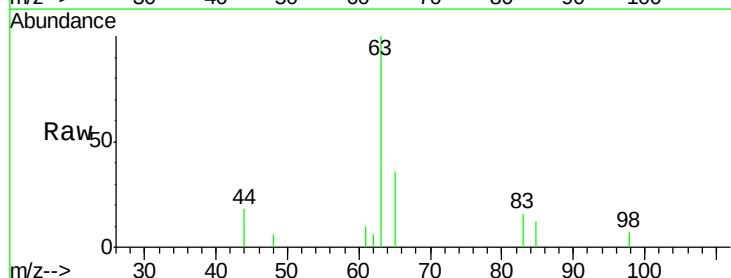
Tgt Ion: 63 Resp: 3852

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

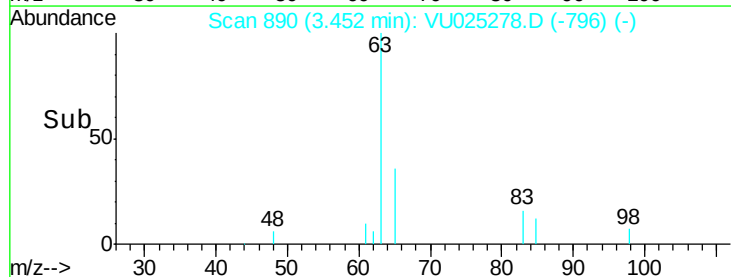
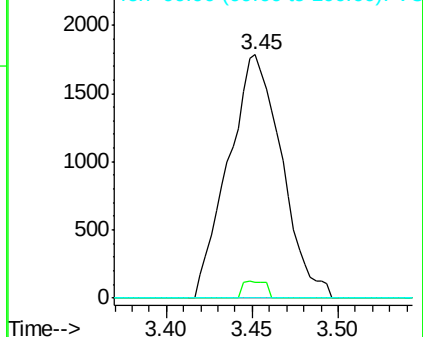
100 0.0 2.0 6.0#

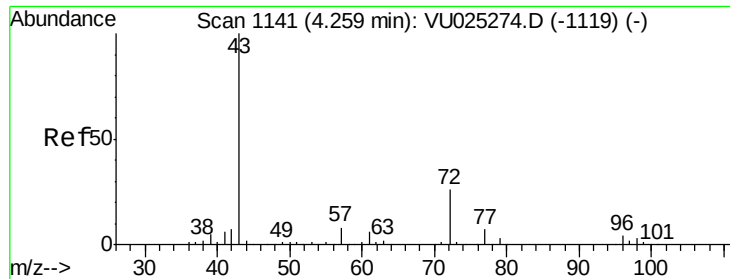


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 5.737 ug/l

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

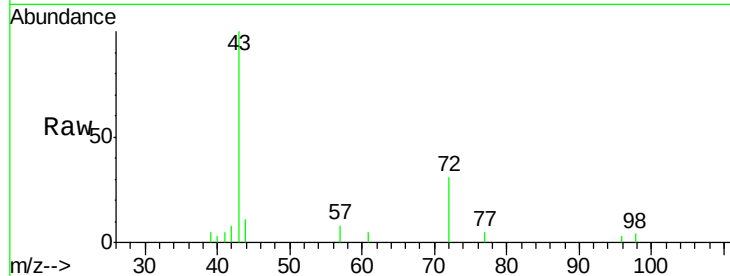
VSTDIC001

Tgt Ion: 43 Resp: 10814

Ion Ratio Lower Upper

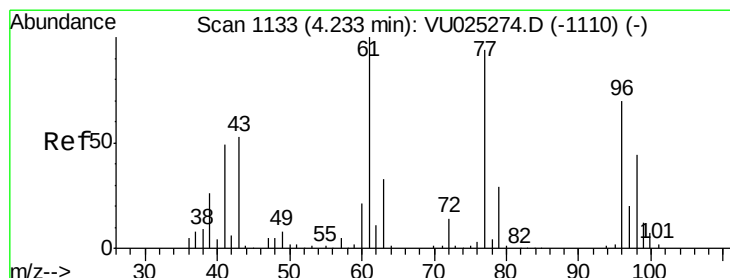
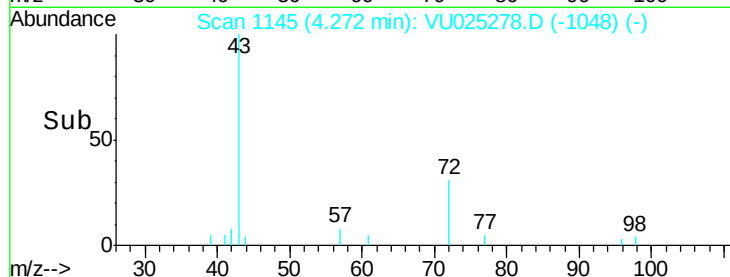
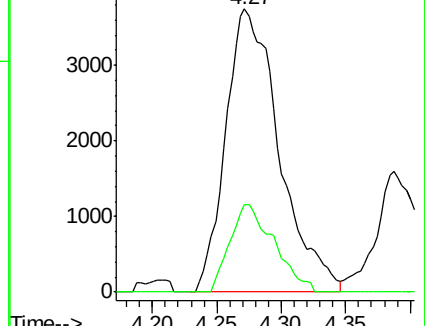
43 100

72 30.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 1.164 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025278.D

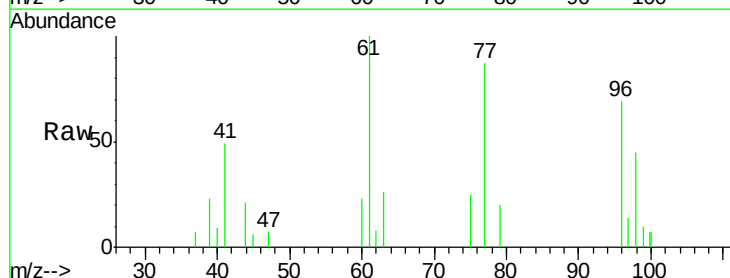
Acq: 09 Jul 2018 17:01

Tgt Ion: 77 Resp: 4146

Ion Ratio Lower Upper

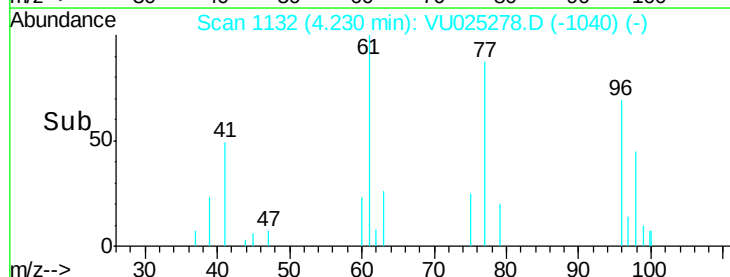
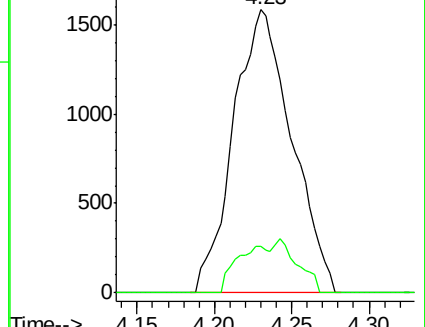
77 100

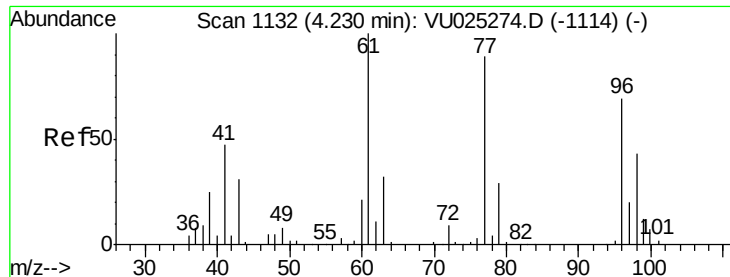
97 9.7 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

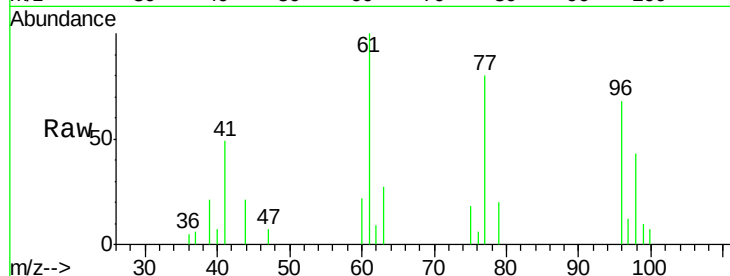




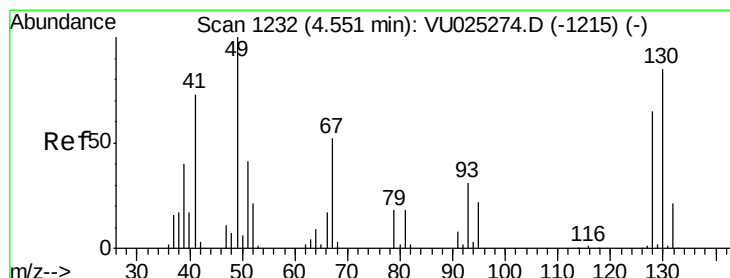
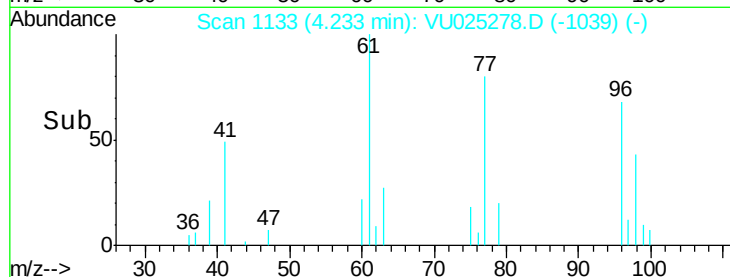
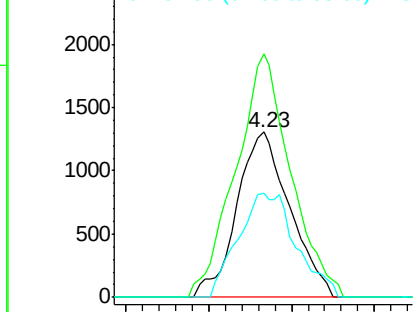
#27
 cis-1,2-Dichloroethene
 Concen: 1.236 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 2899
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 299.8
 98 68.7 0.0 128.6

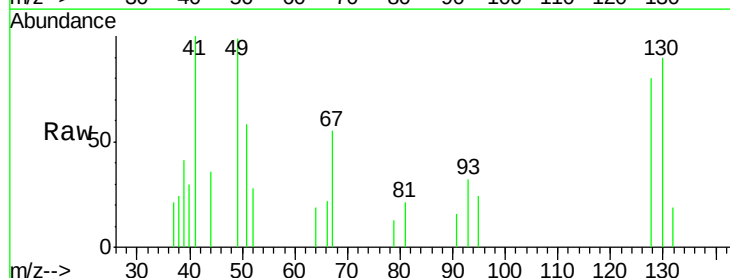


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

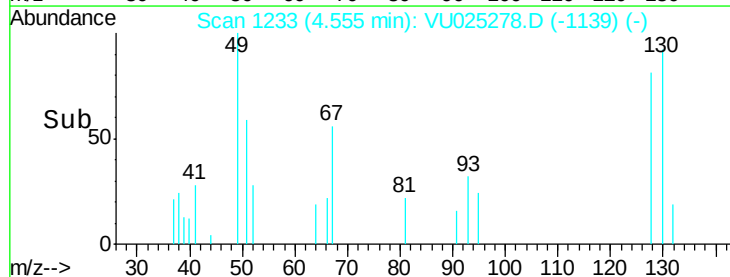
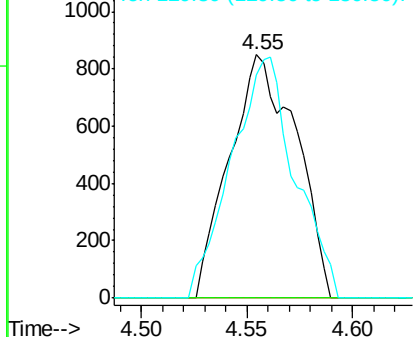


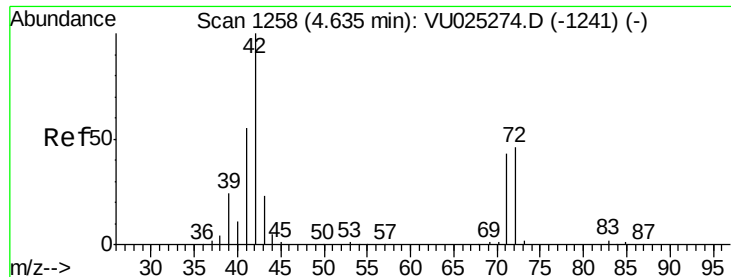
#28
 Bromochloromethane
 Concen: 1.041 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion: 49 Resp: 1863
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 94.8 68.6 102.8



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





#29

Tetrahydrofuran

Concen: 5.946 ug/l

RT: 4.65 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

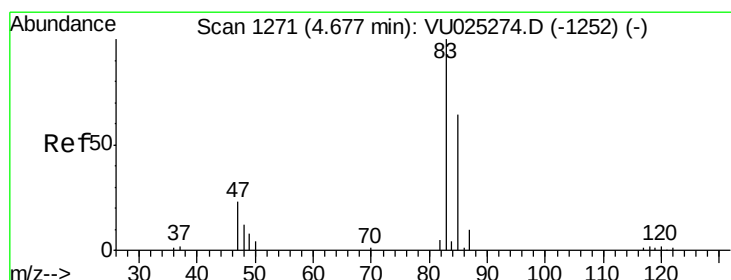
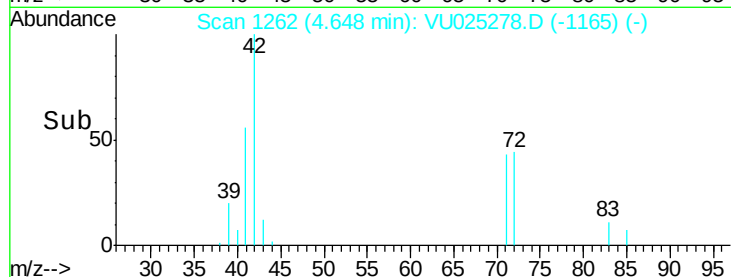
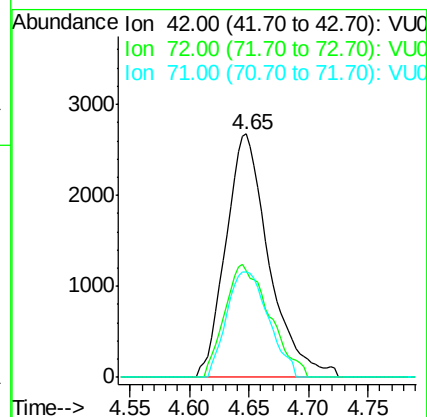
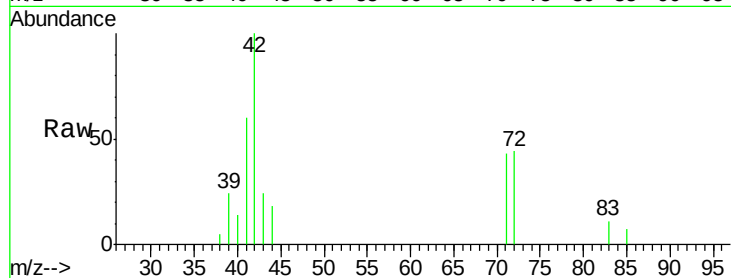
Tgt Ion: 42 Resp: 6722

Ion Ratio Lower Upper

42 100

72 48.1 36.7 55.1

71 41.9 33.9 50.9



#30

Chloroform

Concen: 1.103 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025278.D

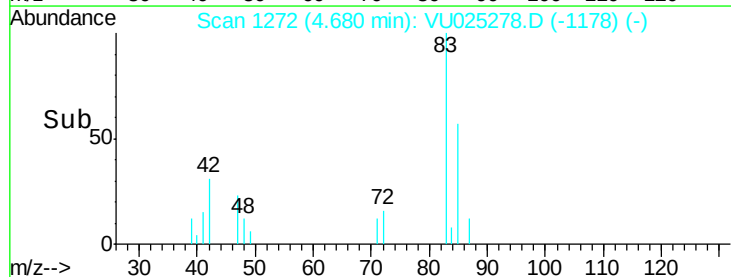
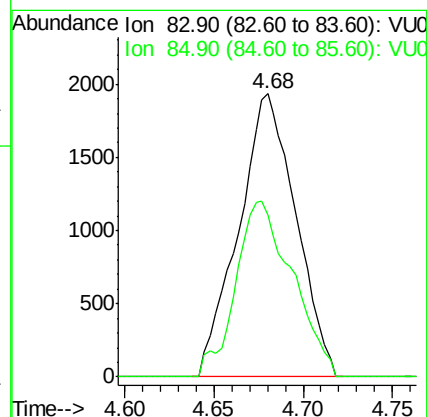
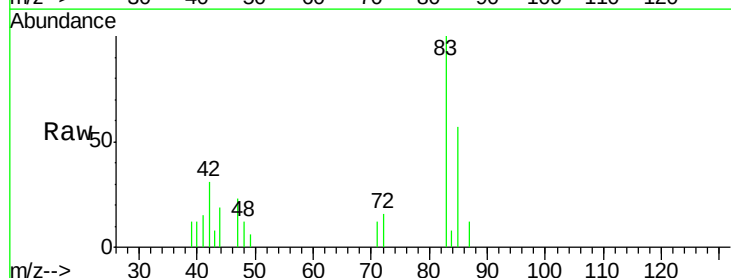
Acq: 09 Jul 2018 17:01

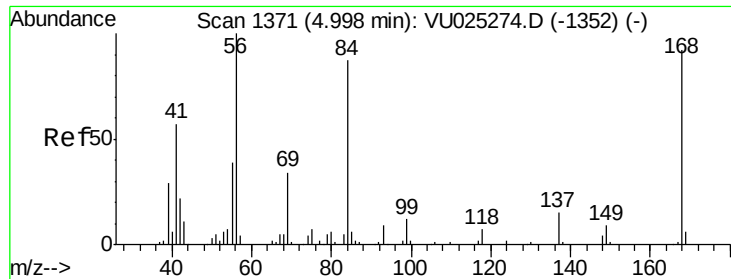
Tgt Ion: 83 Resp: 4329

Ion Ratio Lower Upper

83 100

85 57.1 51.5 77.3

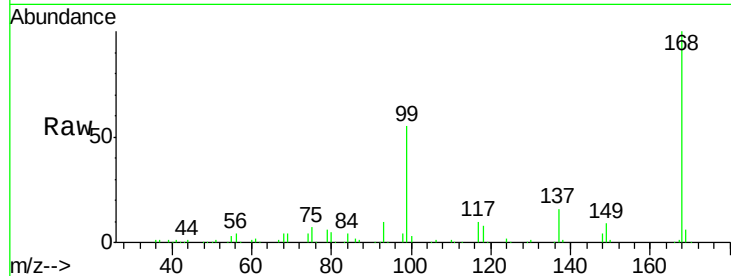




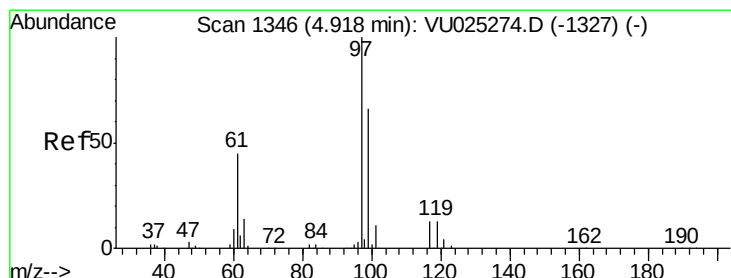
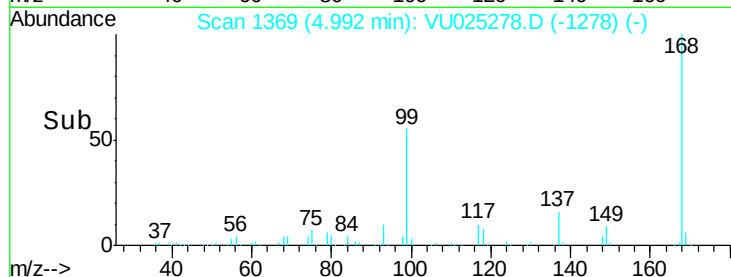
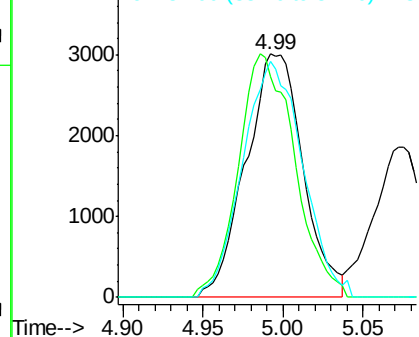
#31
Cyclohexane
Concen: 1.800 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 7412
Ion Ratio Lower Upper
56 100
69 90.7 26.8 40.2#
84 97.0 69.7 104.5

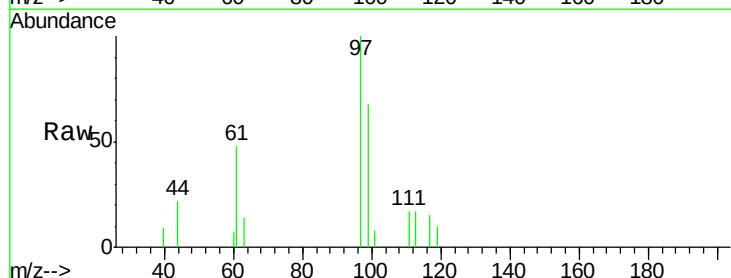


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

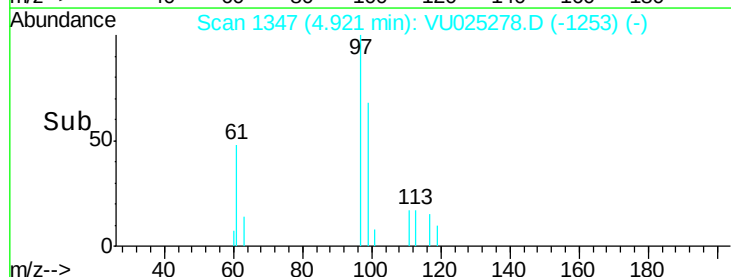
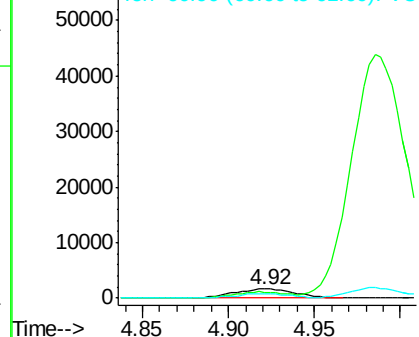


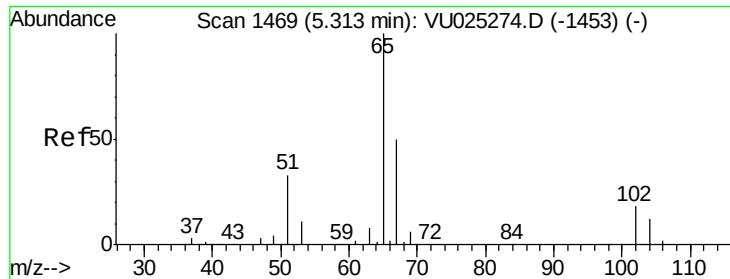
#32
1,1,1-Trichloroethane
Concen: 1.115 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 97 Resp: 3964
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 43.2 35.2 52.8



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

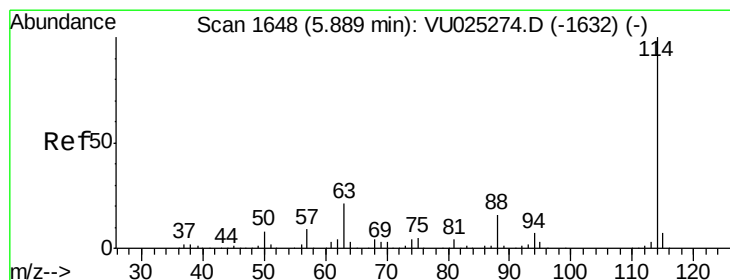
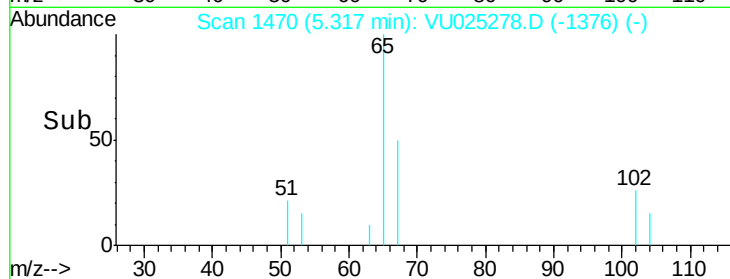
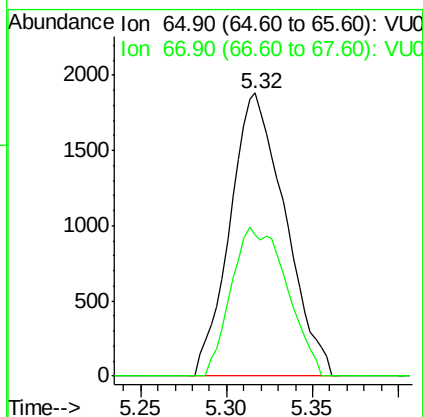
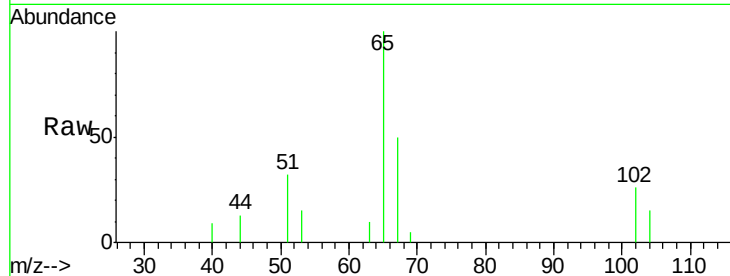




#33
 1,2-Dichloroethane-d4
 Concen: 1.544 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

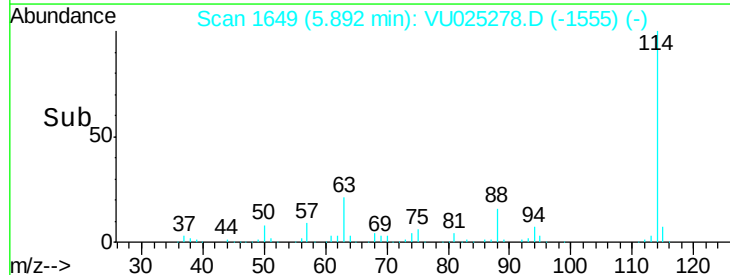
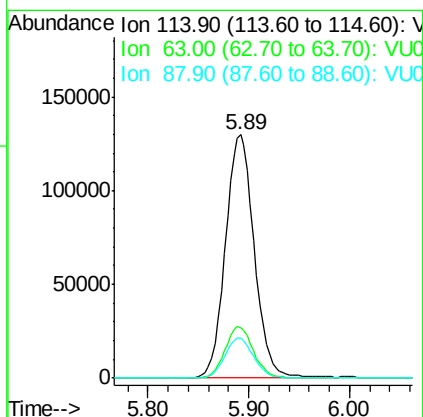
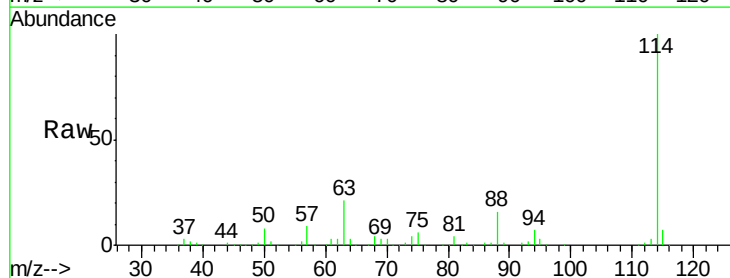
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

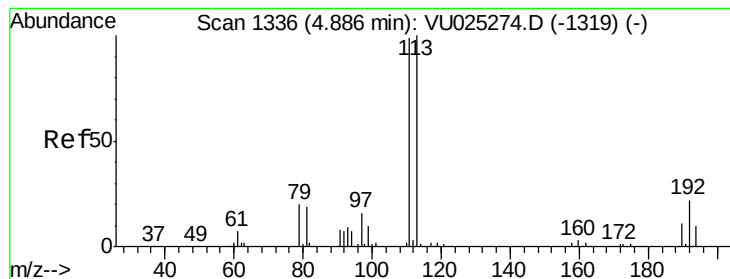
Tgt Ion: 65 Resp: 4198
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion: 114 Resp: 259142
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.6
 88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 1.427 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

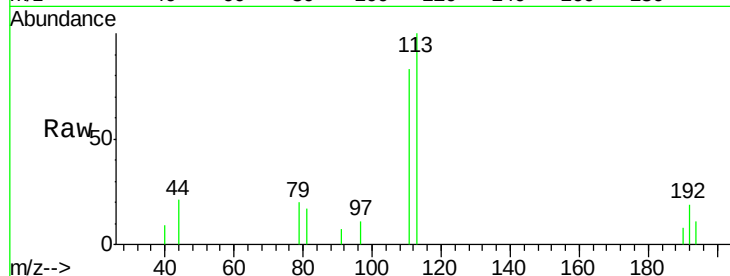
Tgt Ion: 113 Resp: 3119

Ion Ratio Lower Upper

113 100

111 96.7 81.7 122.5

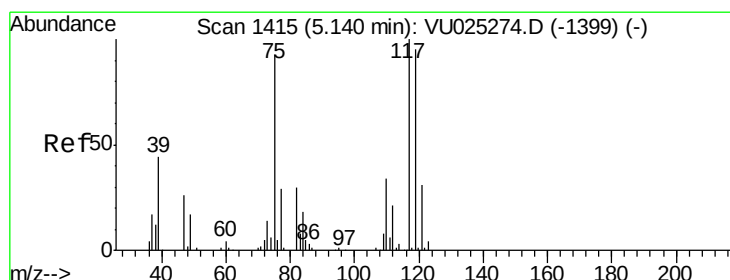
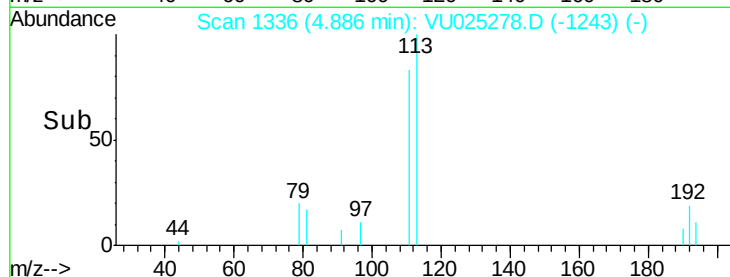
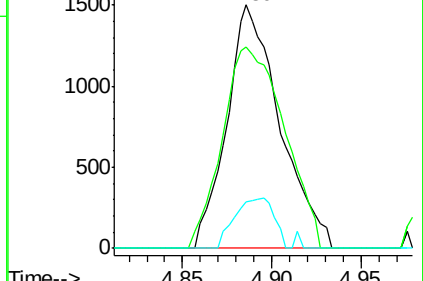
192 15.3 17.1 25.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.116 ug/l

RT: 5.15 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

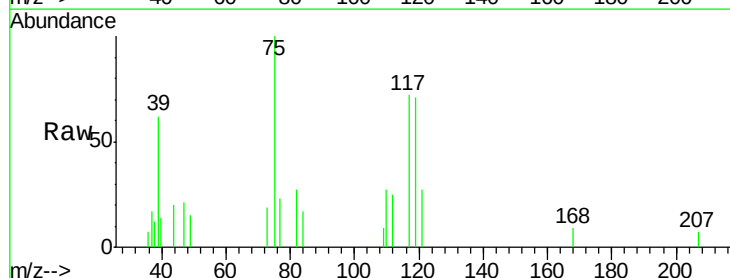
Tgt Ion: 75 Resp: 3216

Ion Ratio Lower Upper

75 100

110 23.2 17.6 52.9

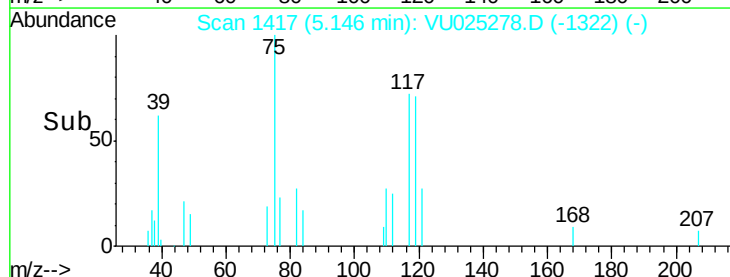
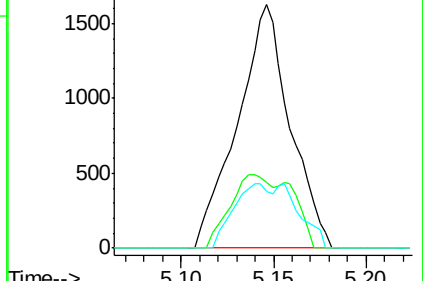
77 19.0 24.4 36.6#

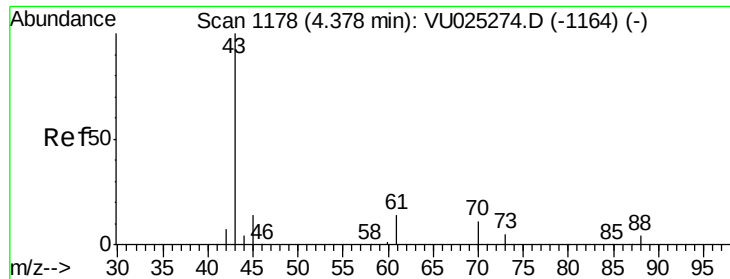


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

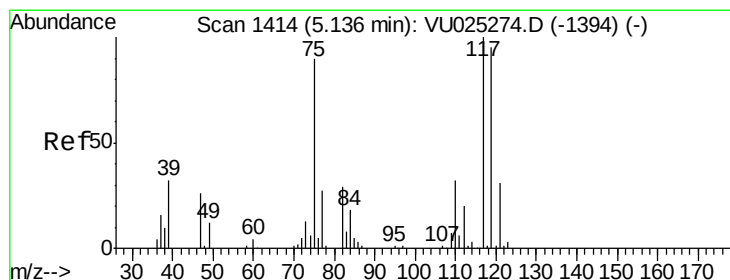
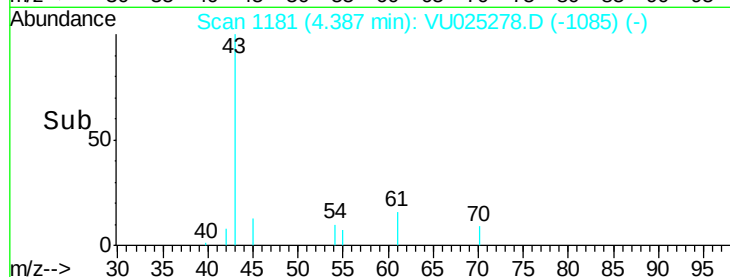
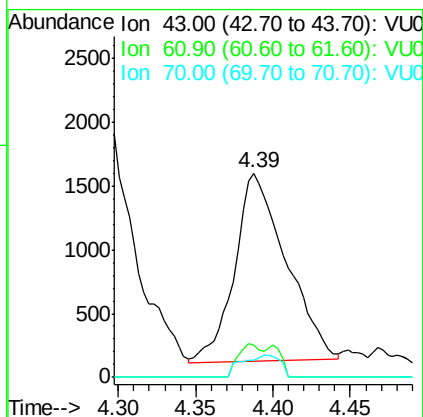
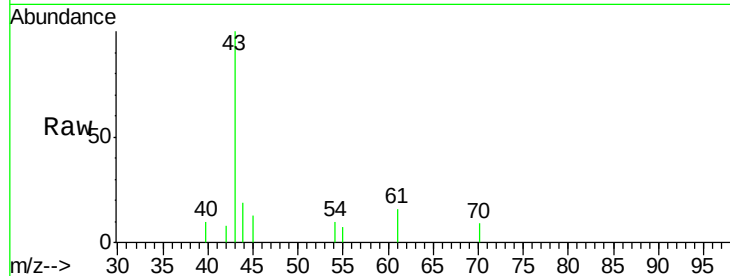




#37
Ethyl Acetate
Concen: 1.067 ug/l
RT: 4.39 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

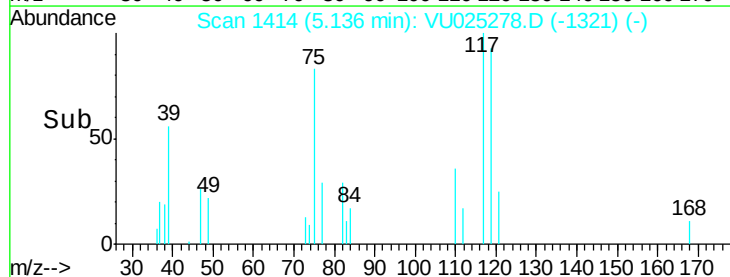
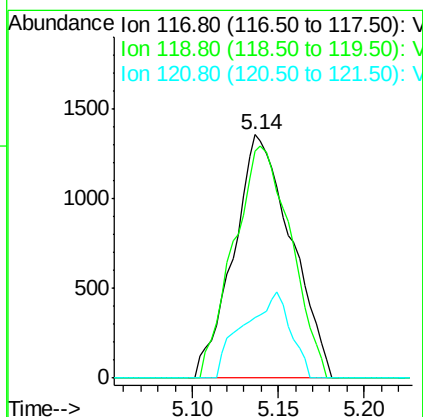
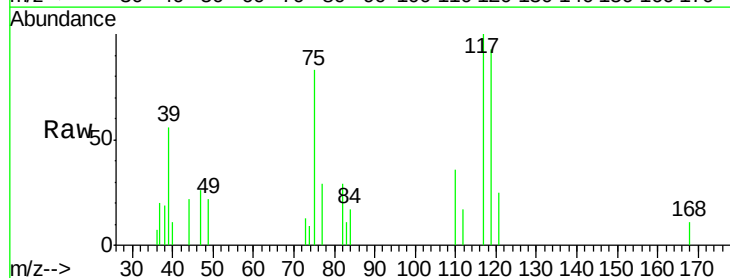
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

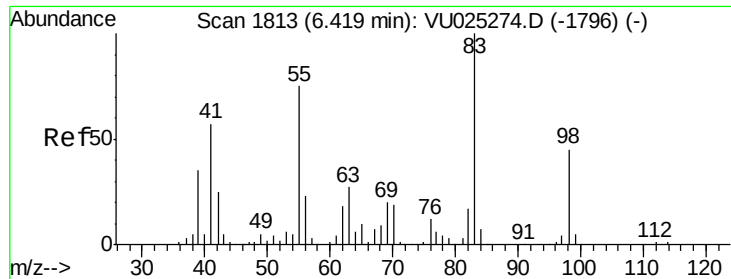
Tgt Ion: 43 Resp: 3428
Ion Ratio Lower Upper
43 100
61 8.1 10.7 16.1#
70 8.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 1.018 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 117 Resp: 3157
Ion Ratio Lower Upper
117 100
119 93.3 75.7 113.5
121 25.1 24.6 36.8

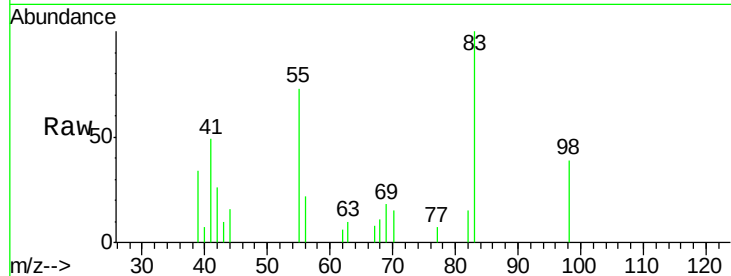




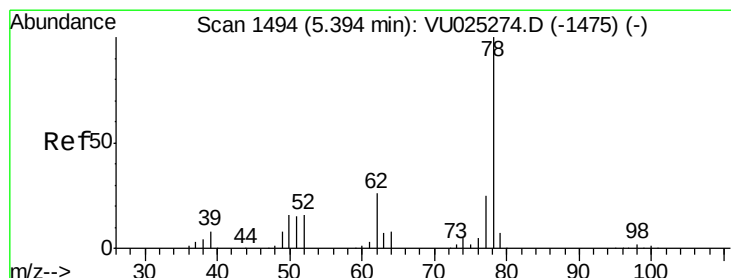
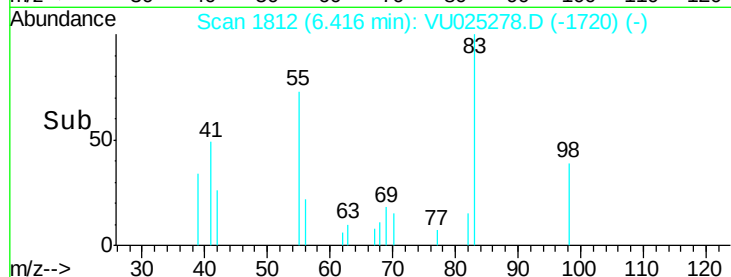
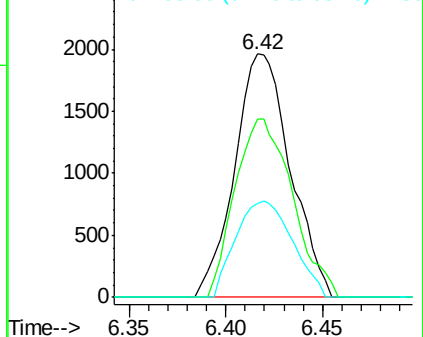
#39
Methylcyclohexane
Concen: 1.092 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 3925
Ion Ratio Lower Upper
83 100
55 73.4 60.0 90.0
98 38.5 36.1 54.1

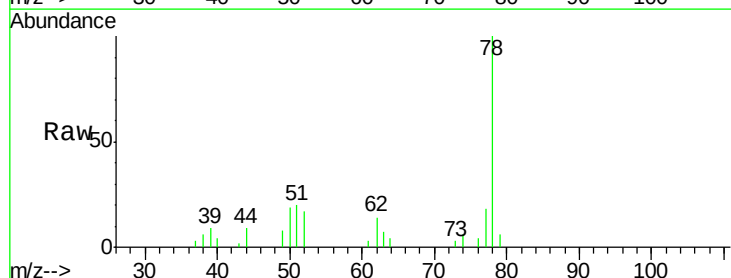


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

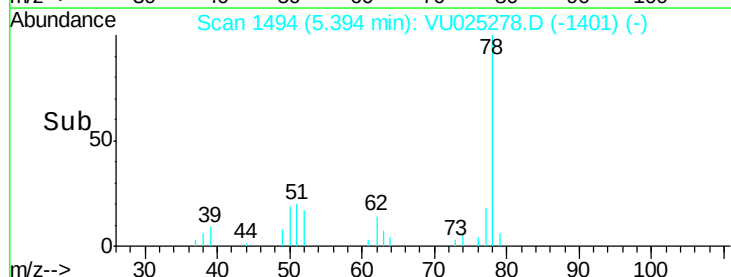
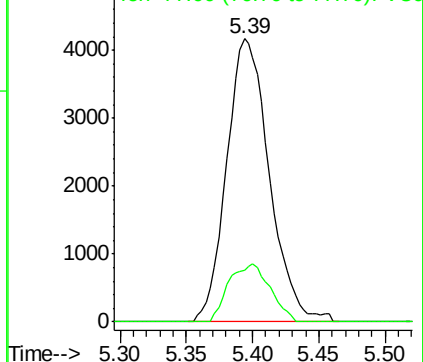


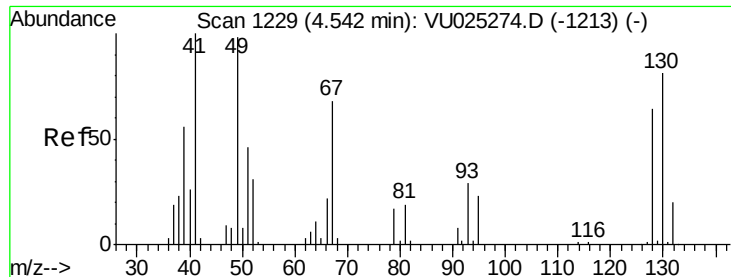
#40
Benzene
Concen: 1.125 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 78 Resp: 9338
Ion Ratio Lower Upper
78 100
77 18.2 19.8 29.6#



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 1.081 ug/l

RT: 4.56 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1925

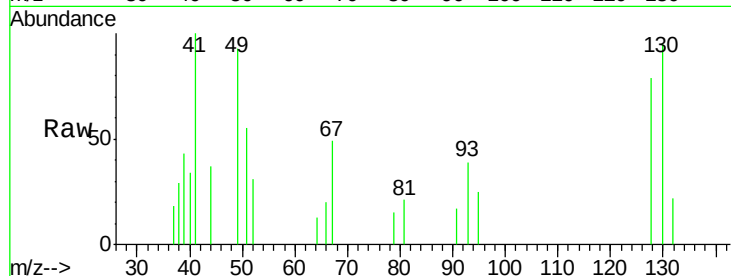
Ion Ratio Lower Upper

41 100

39 19.9 44.4 66.6#

67 64.9 56.0 84.0

52 10.2 24.6 36.8#

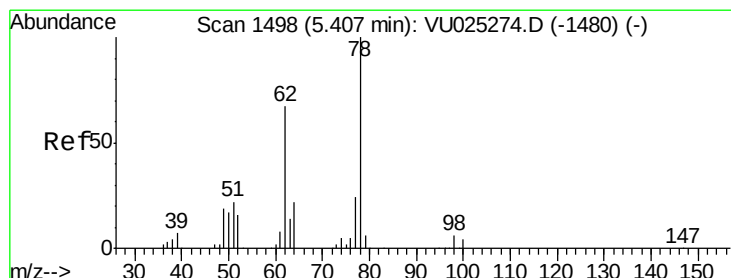
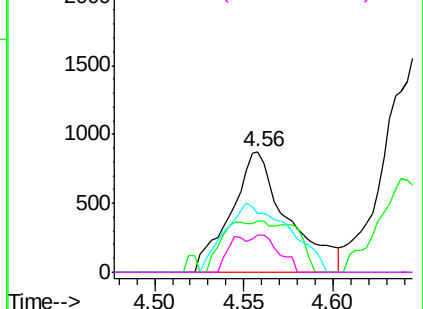
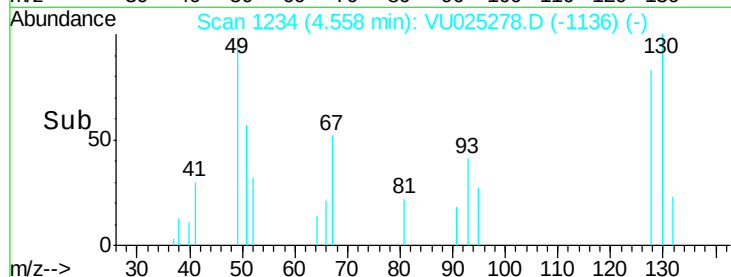


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 0.649 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VU025278.D

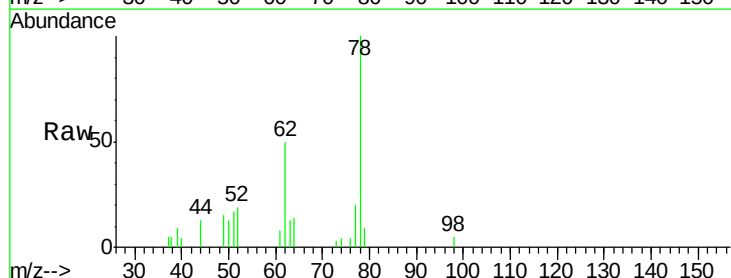
Acq: 09 Jul 2018 17:01

Tgt Ion: 62 Resp: 2142

Ion Ratio Lower Upper

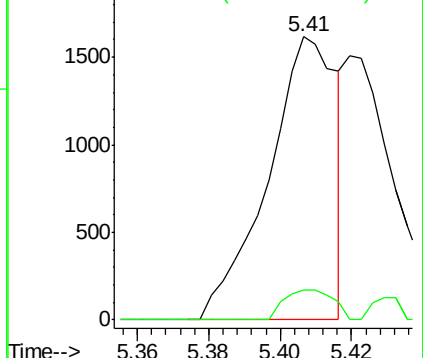
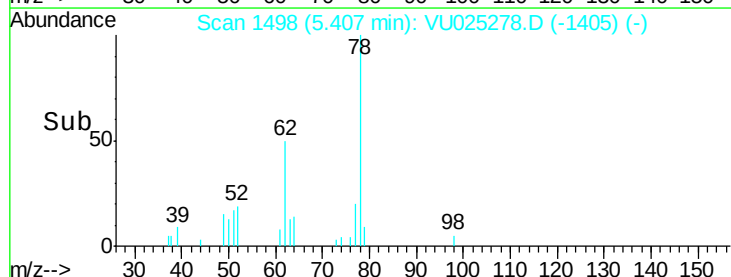
62 100

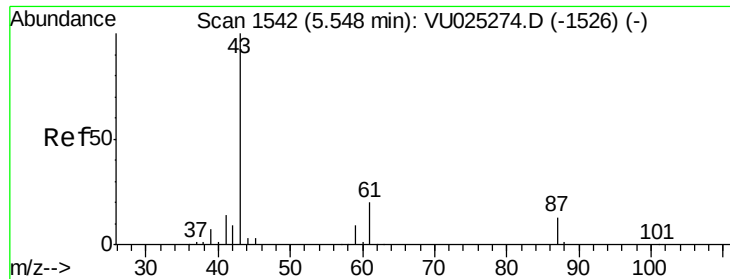
98 7.7 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 1.087 ug/l

RT: 5.55 min Scan# 1544

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

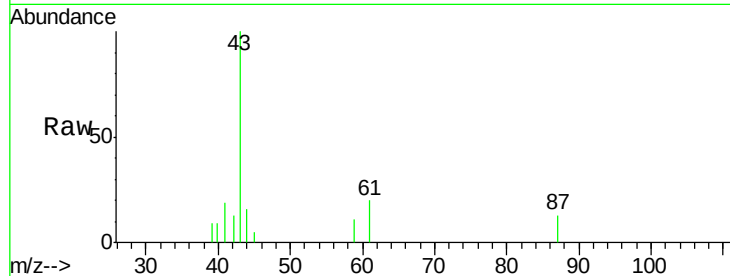
Tgt Ion: 43 Resp: 5594

Ion Ratio Lower Upper

43 100

61 17.0 15.5 23.3

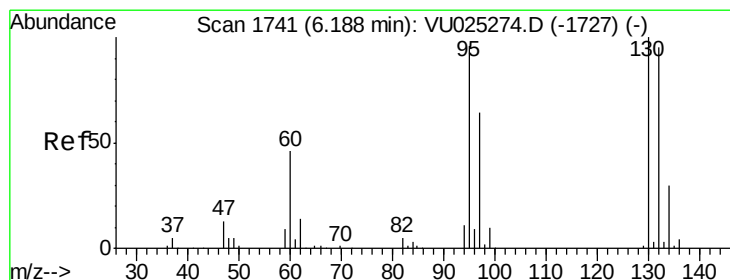
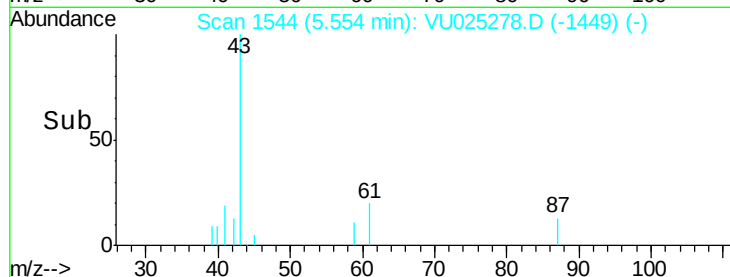
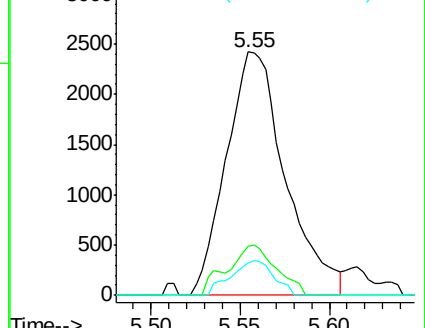
87 10.4 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 1.244 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU025278.D

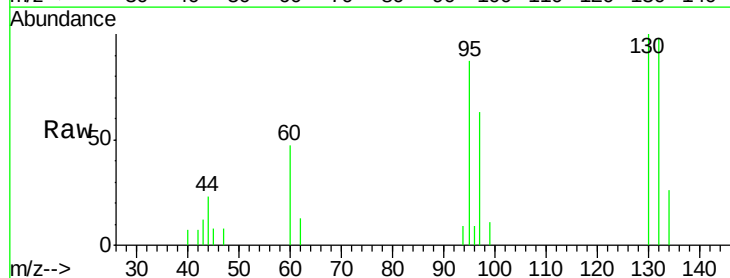
Acq: 09 Jul 2018 17:01

Tgt Ion: 130 Resp: 2965

Ion Ratio Lower Upper

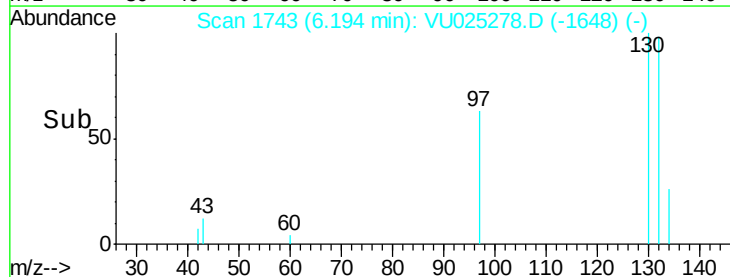
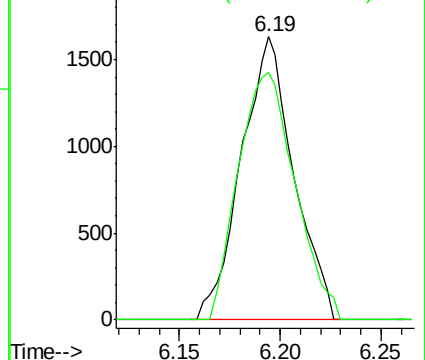
130 100

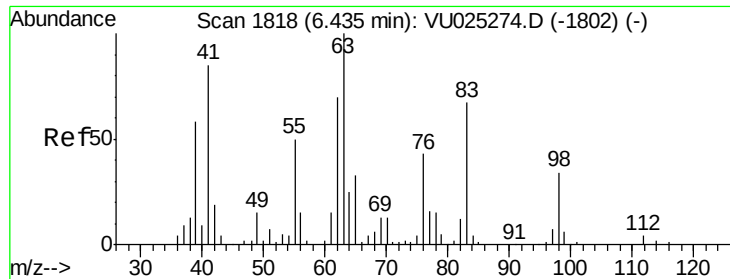
95 87.2 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

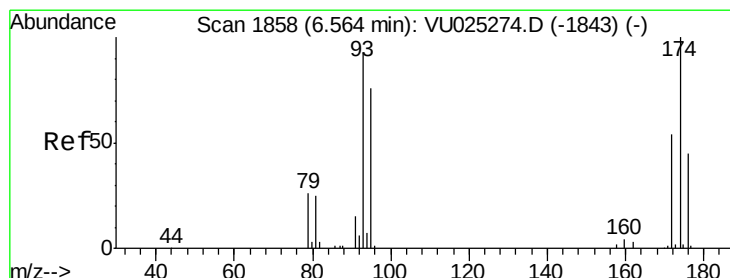
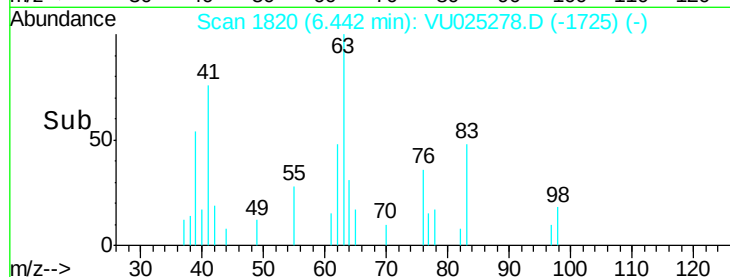
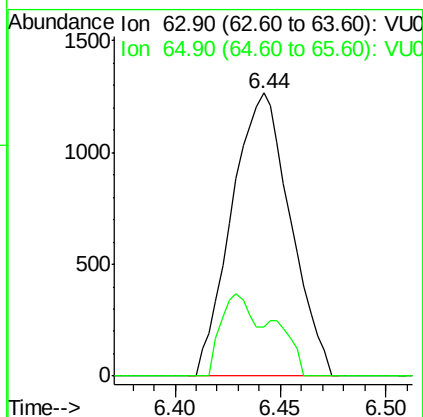
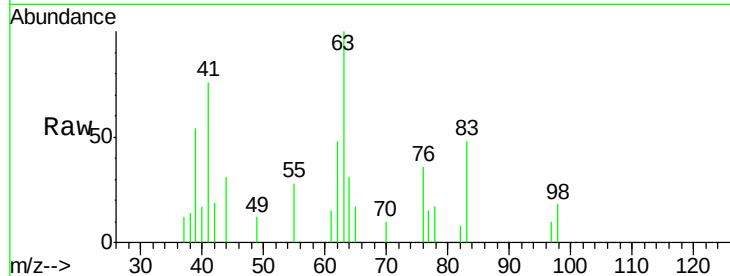




#45
 1,2-Dichloropropane
 Concen: 1.124 ug/l
 RT: 6.44 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

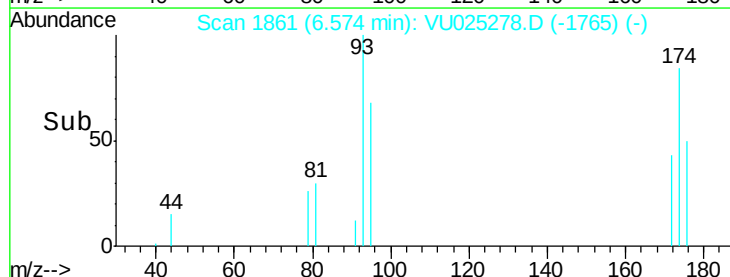
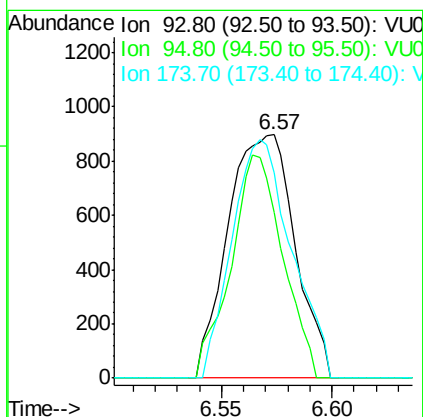
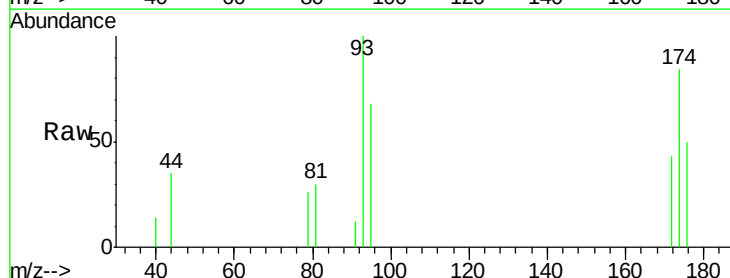
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

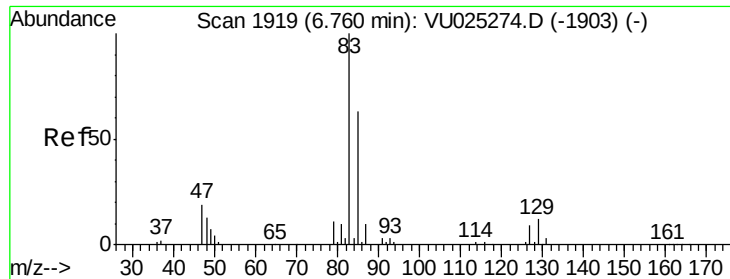
Tgt Ion: 63 Resp: 2445
 Ion Ratio Lower Upper
 63 100
 65 17.3 26.1 39.1#



#46
 Dibromomethane
 Concen: 1.196 ug/l
 RT: 6.57 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion: 93 Resp: 1892
 Ion Ratio Lower Upper
 93 100
 95 70.9 66.6 100.0
 174 87.2 85.8 128.8





#47

Bromodichloromethane

Concen: 1.042 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

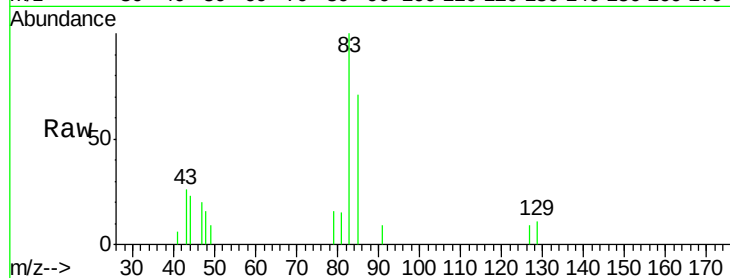
Tgt Ion: 83 Resp: 3062

Ion Ratio Lower Upper

83 100

85 70.6 50.2 75.4

127 8.7 7.2 10.8

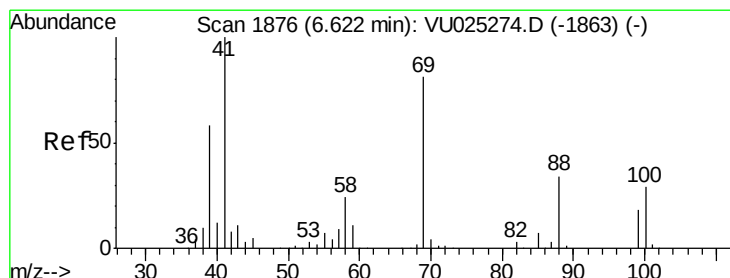
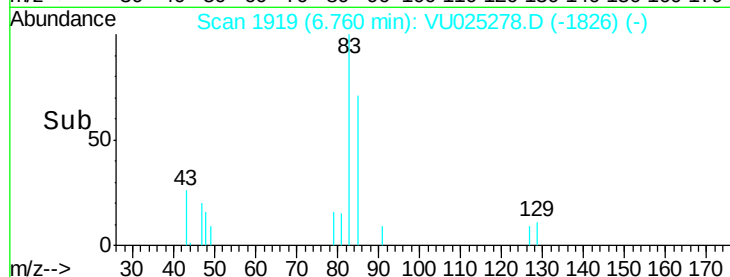


Abundance Ion 82.90 (82.60 to 83.60): VU025278.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025278.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025278.D (-1826) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.021 ug/l

RT: 6.63 min Scan# 1880

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

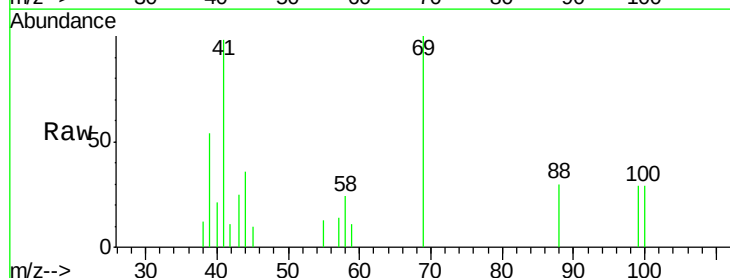
Tgt Ion: 41 Resp: 2618

Ion Ratio Lower Upper

41 100

69 92.3 65.0 97.4

39 60.8 46.4 69.6

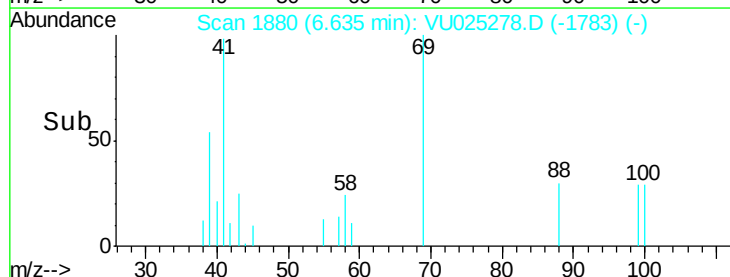


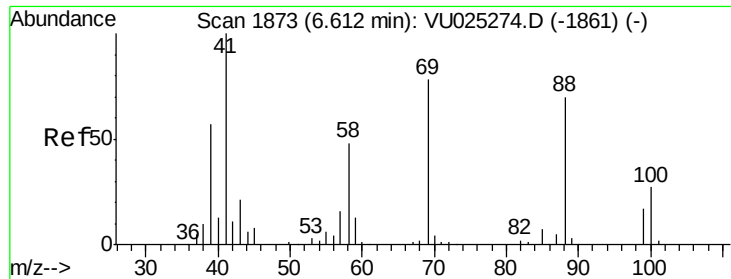
Abundance Ion 41.00 (40.70 to 41.70): VU025278.D (-1783) (-)

Ion 69.00 (68.70 to 69.70): VU025278.D (-1783) (-)

Ion 39.00 (38.70 to 39.70): VU025278.D (-1783) (-)

Time-->

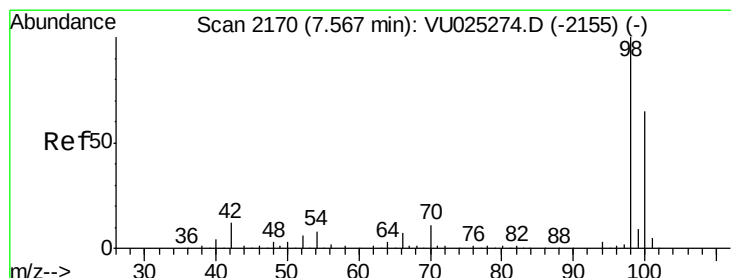
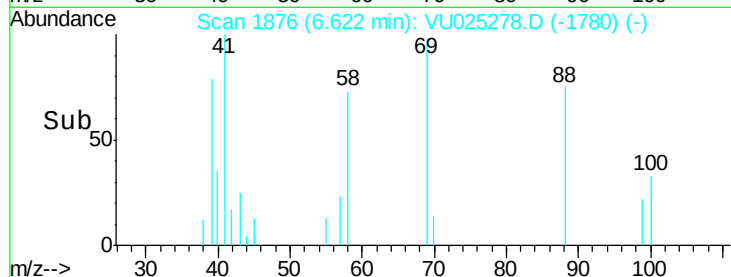
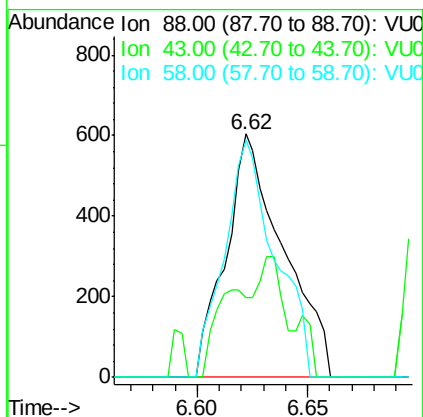
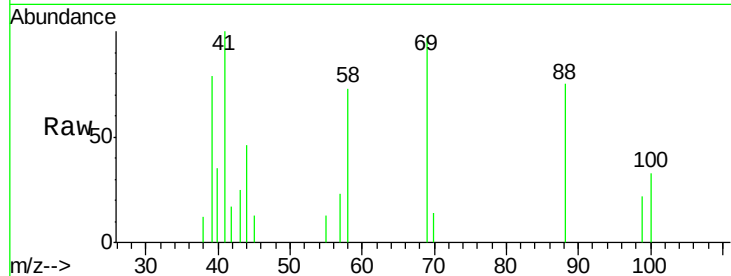




#49
1,4-Dioxane
Concen: 17.644 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

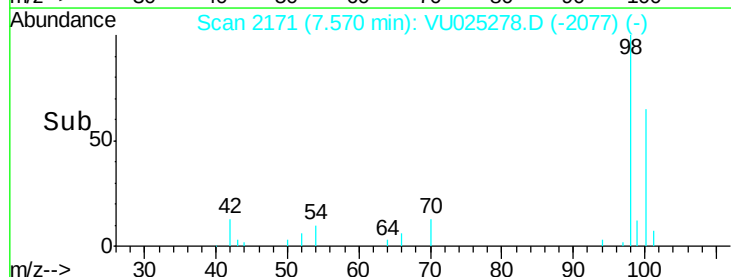
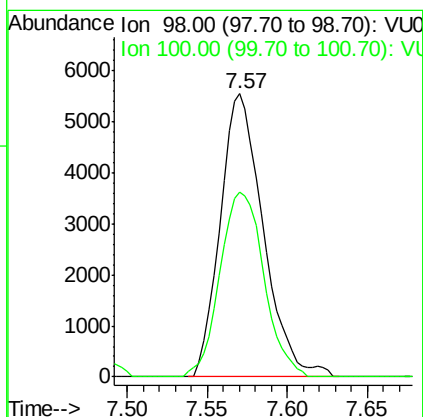
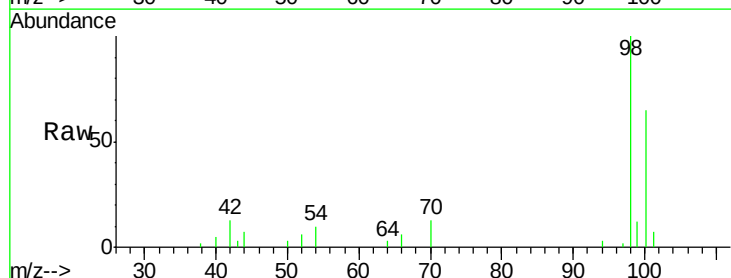
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

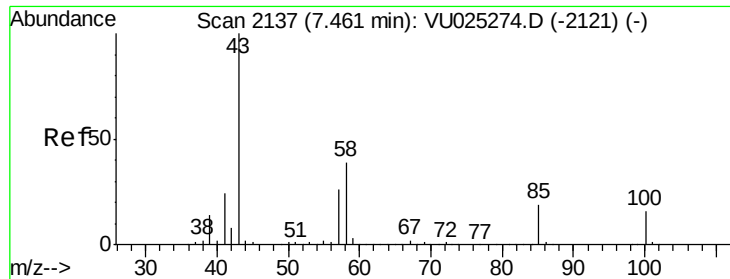
Tgt Ion: 88 Resp: 1089
Ion Ratio Lower Upper
88 100
43 19.8 27.3 40.9#
58 86.0 57.6 86.4



#50
Toluene-d8
Concen: 1.365 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 98 Resp: 10221
Ion Ratio Lower Upper
98 100
100 66.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 5.490 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

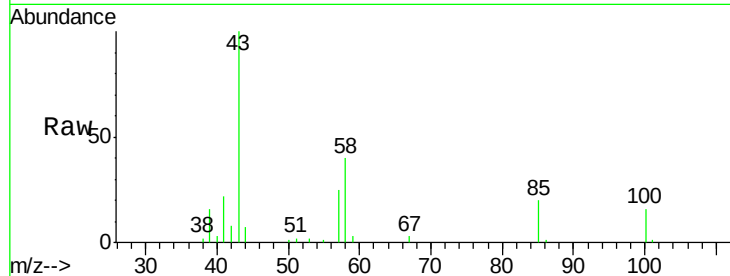
VSTDIC001

Tgt Ion: 43 Resp: 18360

Ion Ratio Lower Upper

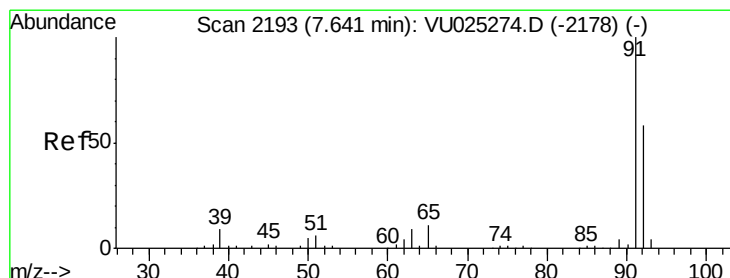
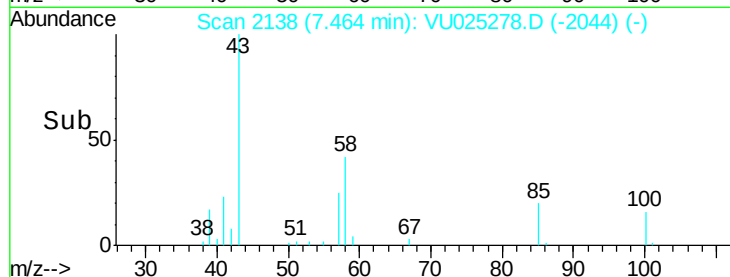
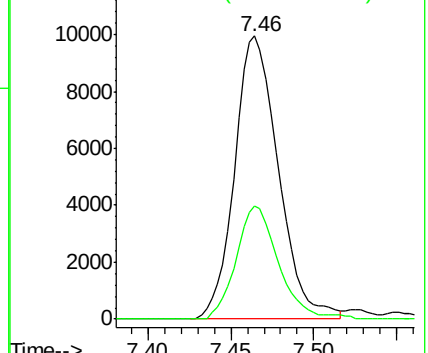
43 100

58 38.5 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 1.093 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025278.D

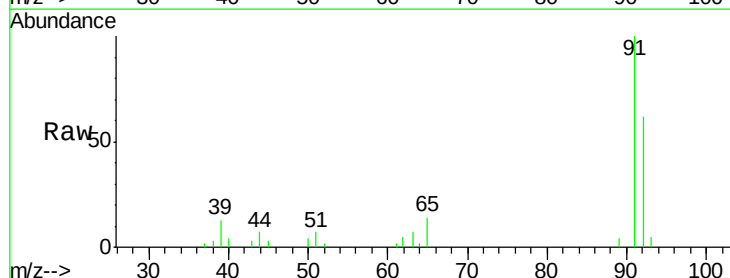
Acq: 09 Jul 2018 17:01

Tgt Ion: 92 Resp: 5771

Ion Ratio Lower Upper

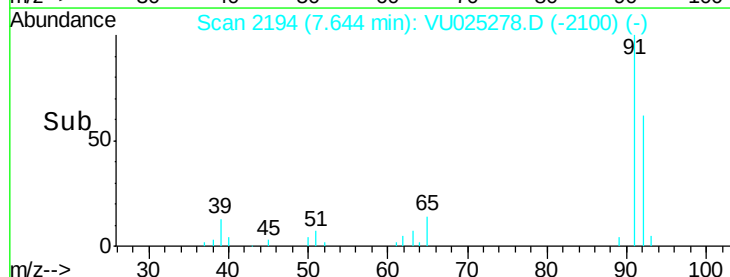
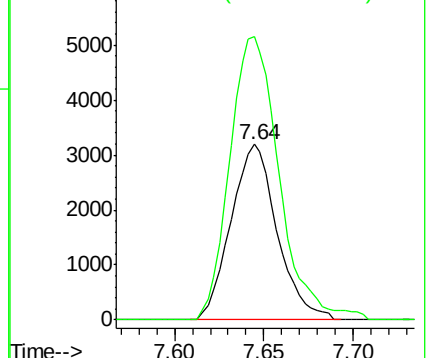
92 100

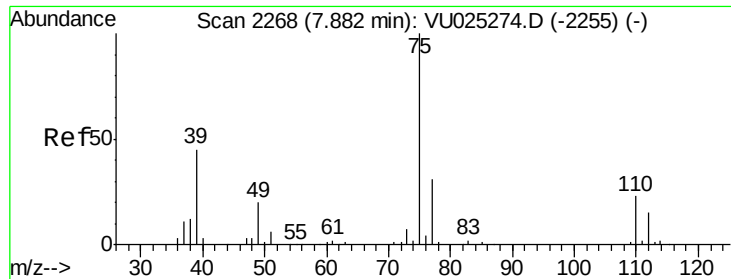
91 172.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

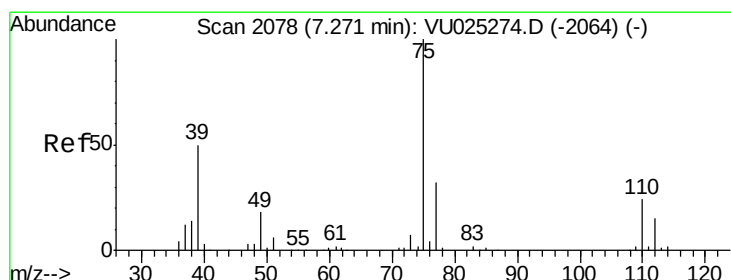
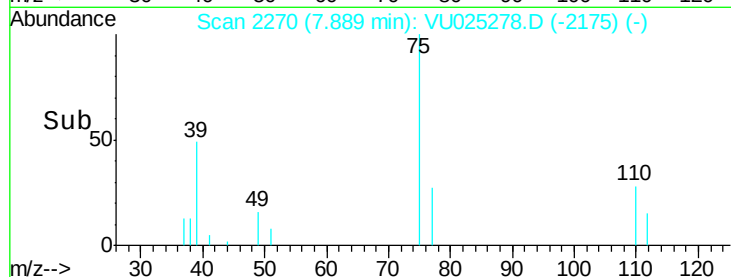
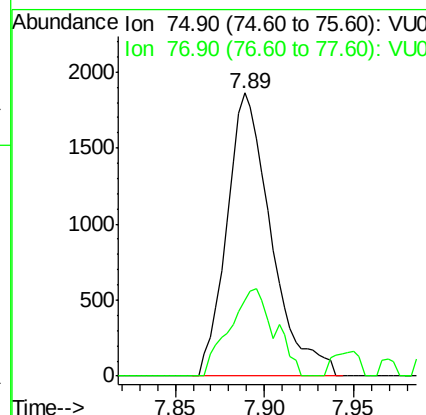
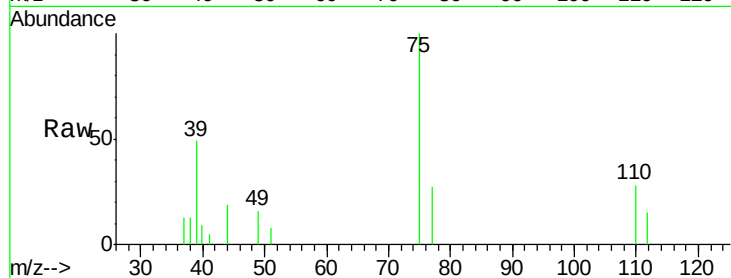




#53
t-1,3-Dichloropropene
Concen: 0.994 ug/l
RT: 7.89 min Scan# 2270
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

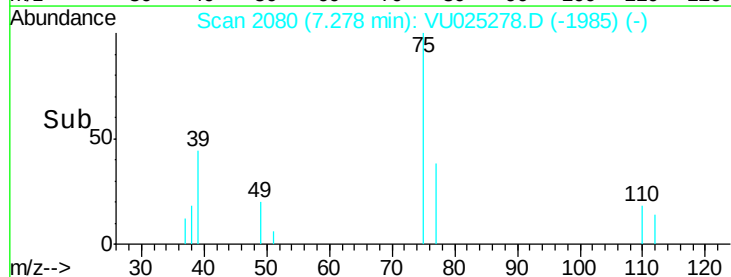
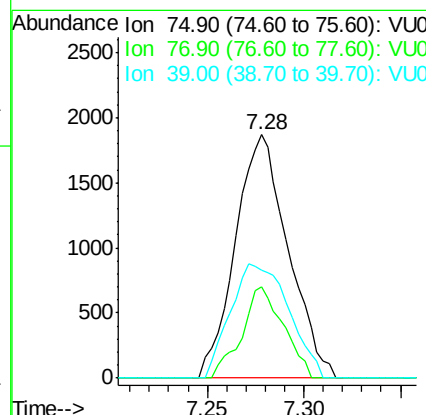
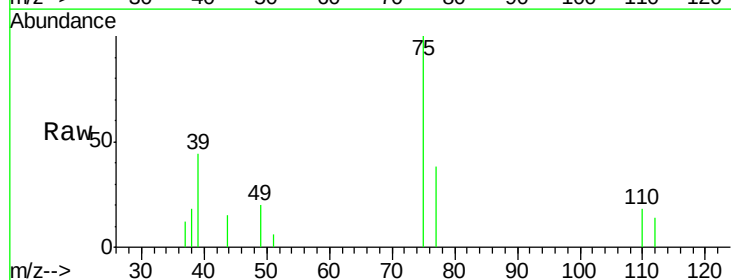
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

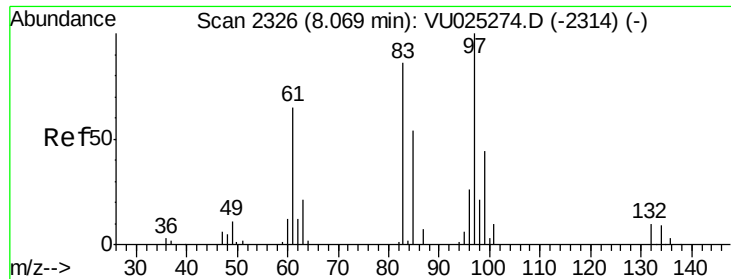
Tgt Ion: 75 Resp: 3210
Ion Ratio Lower Upper
75 100
77 26.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 1.028 ug/l
RT: 7.28 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 75 Resp: 3534
Ion Ratio Lower Upper
75 100
77 37.5 25.6 38.4
39 44.2 40.0 60.0

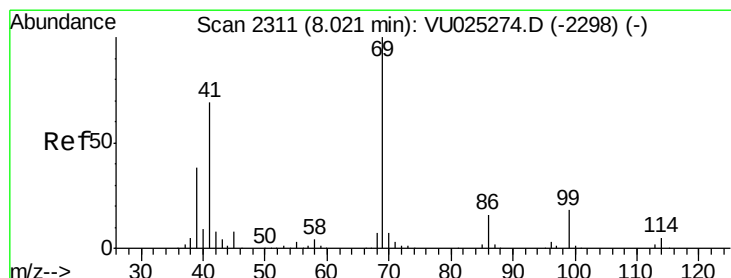
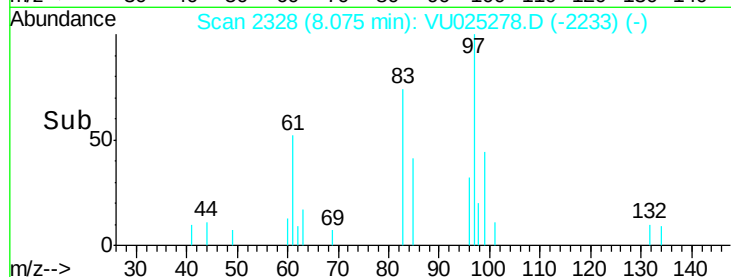
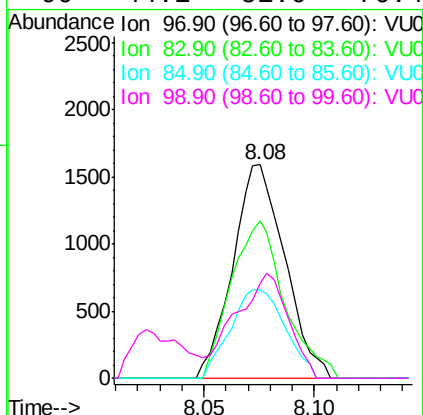
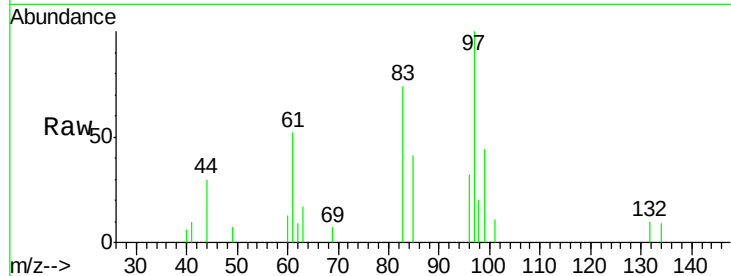




#55
 1,1,2-Trichloroethane
 Concen: 1.178 ug/l
 RT: 8.08 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

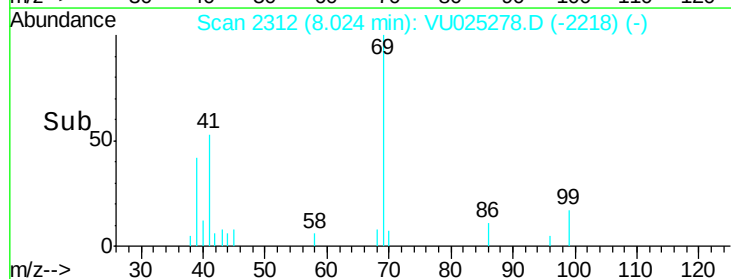
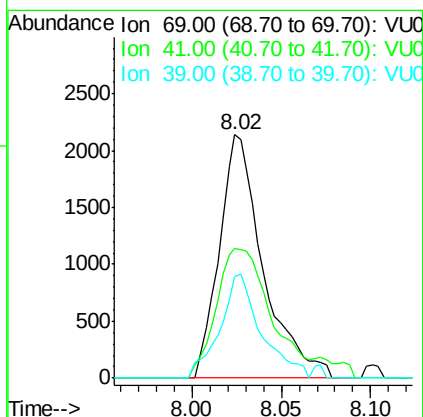
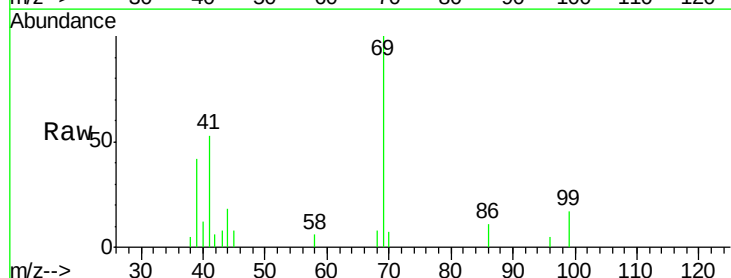
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

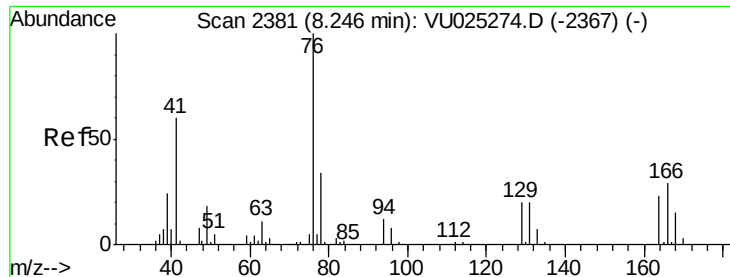
Tgt Ion:	97	Resp:	2592
Ion	Ratio	Lower	Upper
97	100		
83	73.7	68.9	103.3
85	41.4	44.4	66.6#
99	44.1	51.0	76.4#



#56
 Ethyl methacrylate
 Concen: 1.059 ug/l
 RT: 8.02 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion:	69	Resp:	3639
Ion	Ratio	Lower	Upper
69	100		
41	66.1	54.8	82.2
39	40.3	31.1	46.7

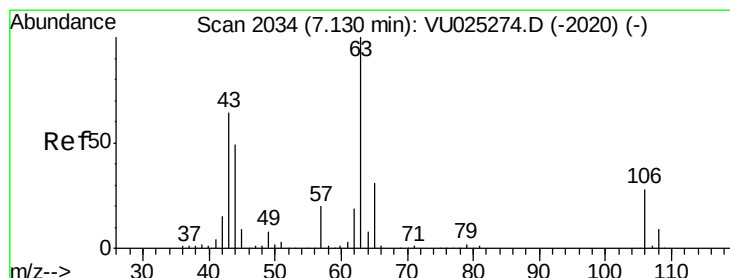
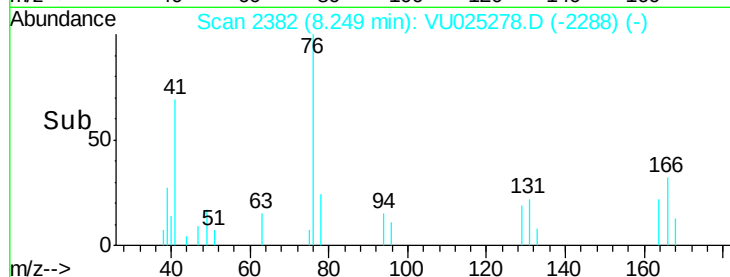
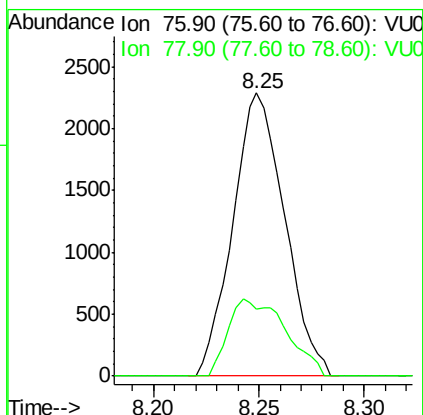
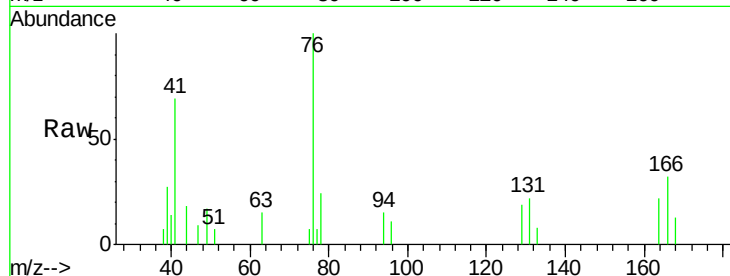




#57
 1,3-Dichloropropane
 Concen: 1.067 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

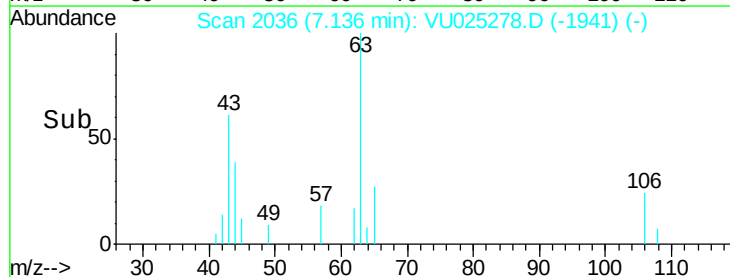
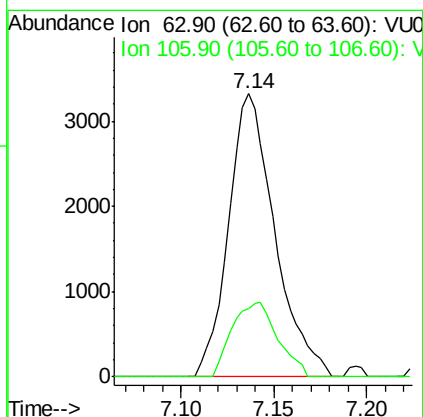
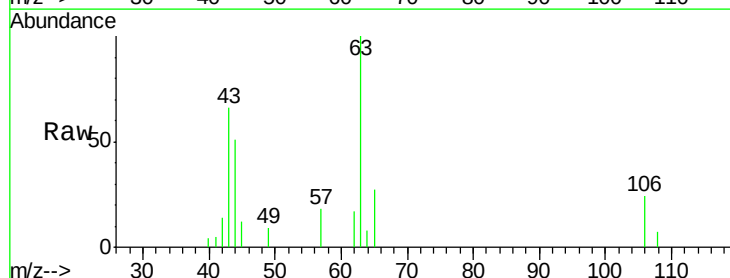
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

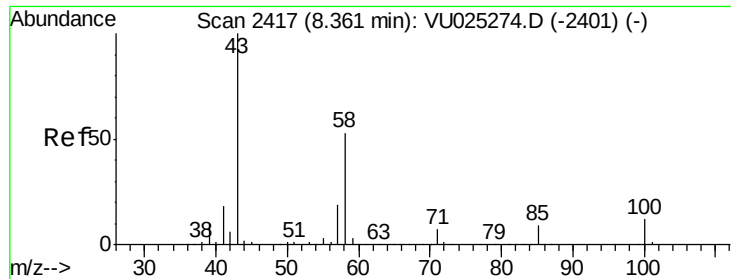
Tgt Ion: 76 Resp: 3897
 Ion Ratio Lower Upper
 76 100
 78 30.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.742 ug/l
 RT: 7.14 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion: 63 Resp: 5749
 Ion Ratio Lower Upper
 63 100
 106 26.0 22.3 33.5

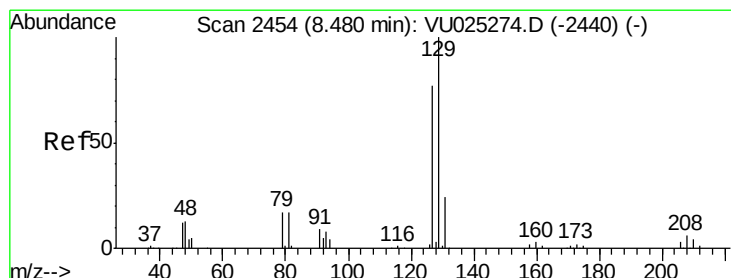
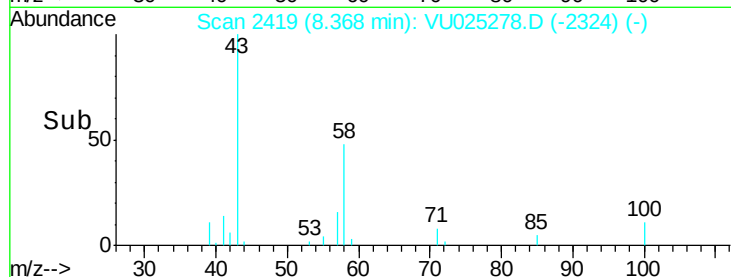
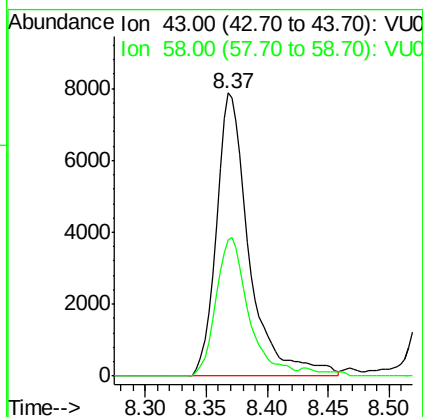
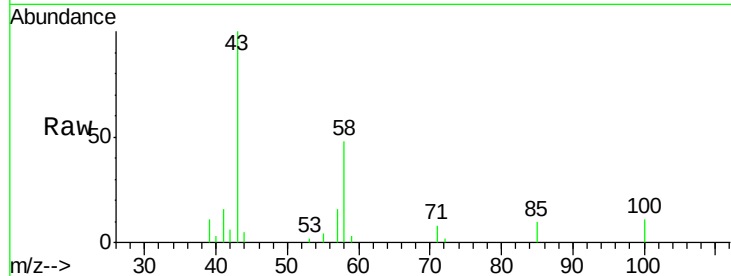




#59
2-Hexanone
Concen: 5.469 ug/l
RT: 8.37 min Scan# 2419
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

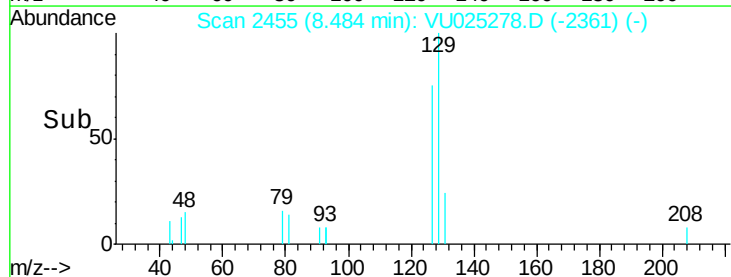
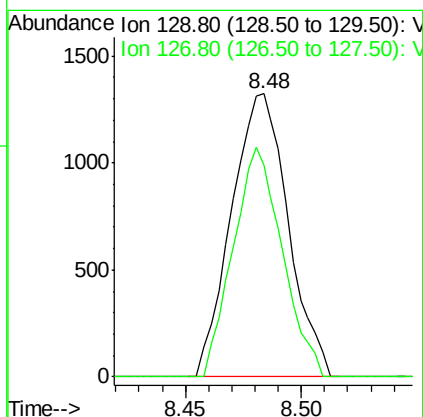
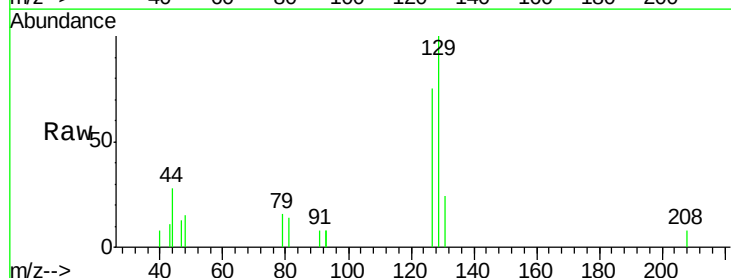
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

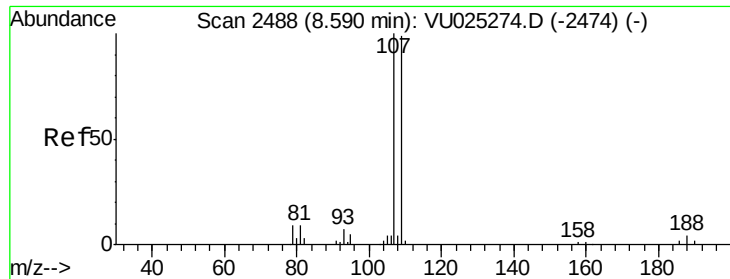
Tgt Ion: 43 Resp: 14835
Ion Ratio Lower Upper
43 100
58 48.4 26.2 78.5



#60
Dibromochloromethane
Concen: 0.946 ug/l
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion: 129 Resp: 2247
Ion Ratio Lower Upper
129 100
127 70.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.058 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

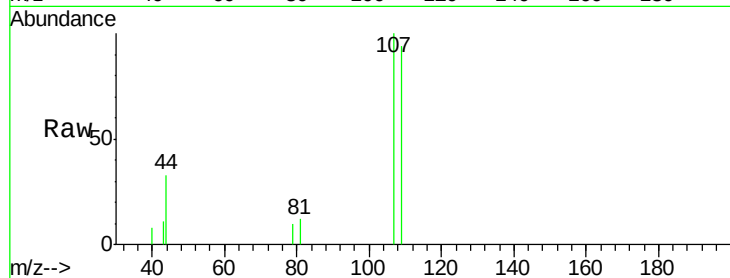
VSTDIC001

Tgt Ion: 107 Resp: 2491

Ion Ratio Lower Upper

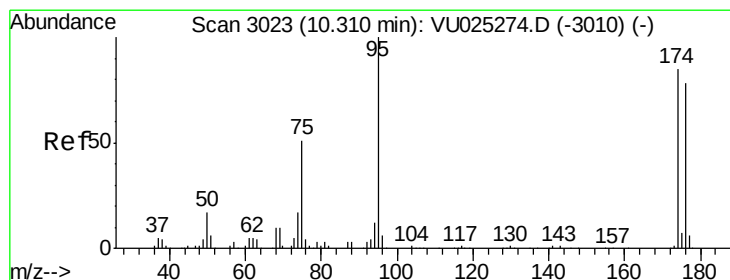
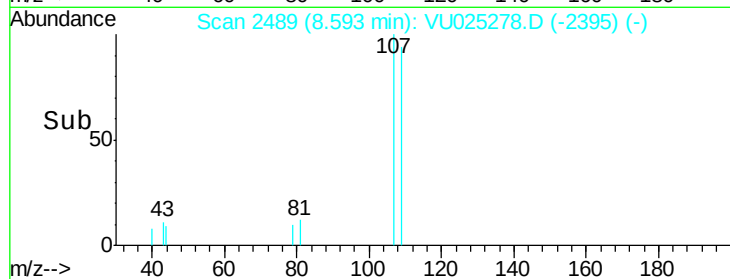
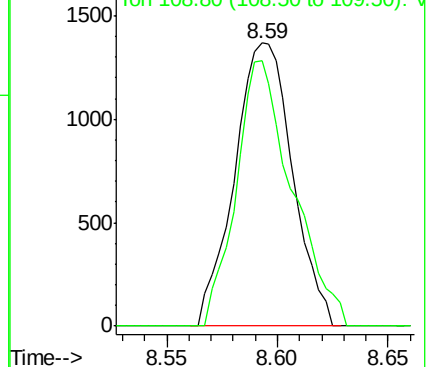
107 100

109 90.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.369 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

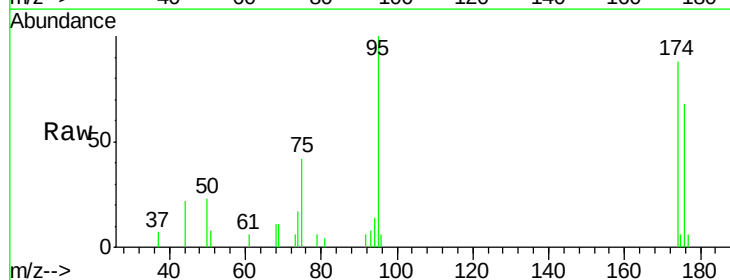
Tgt Ion: 95 Resp: 4126

Ion Ratio Lower Upper

95 100

174 86.5 0.0 172.2

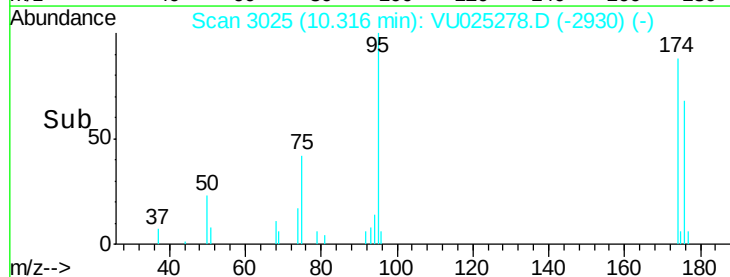
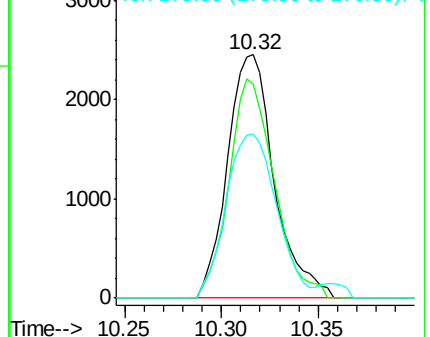
176 72.8 0.0 162.6

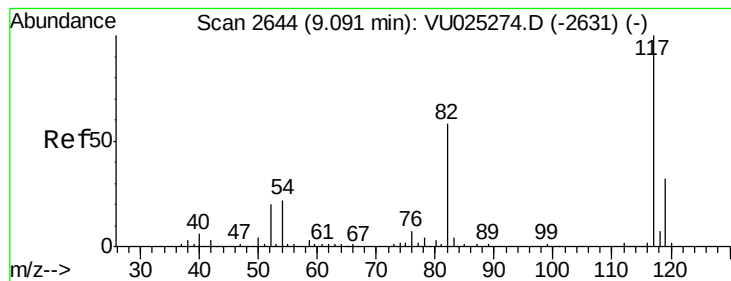


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

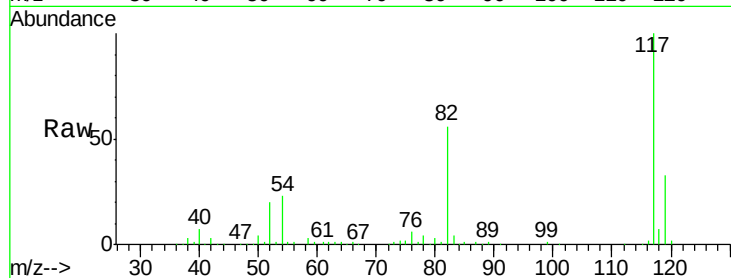
Tgt Ion:117 Resp: 230070

Ion Ratio Lower Upper

117 100

82 56.3 46.0 69.0

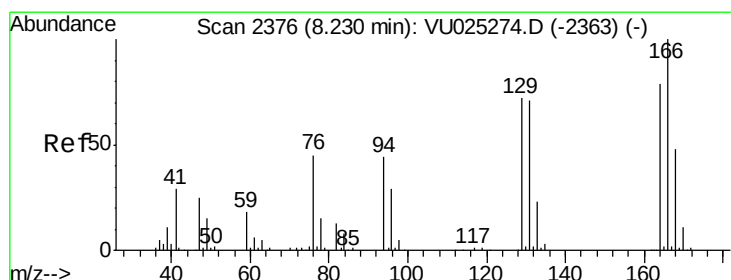
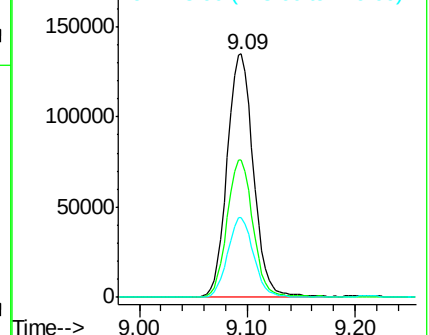
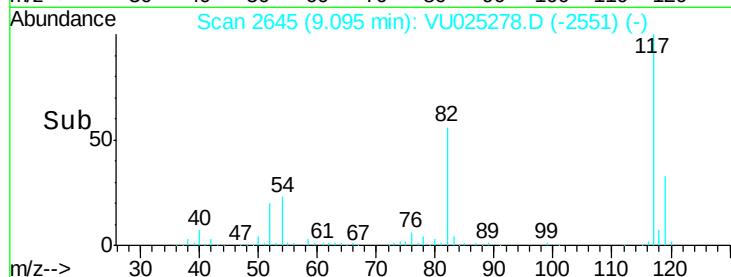
119 32.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.094 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Tgt Ion:164 Resp: 2294

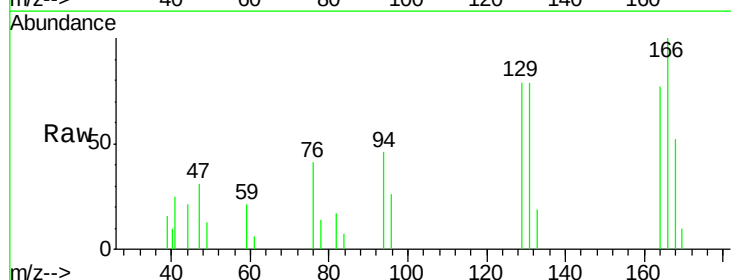
Ion Ratio Lower Upper

164 100

166 129.6 101.1 151.7

129 102.4 73.0 109.6

131 102.6 72.1 108.1

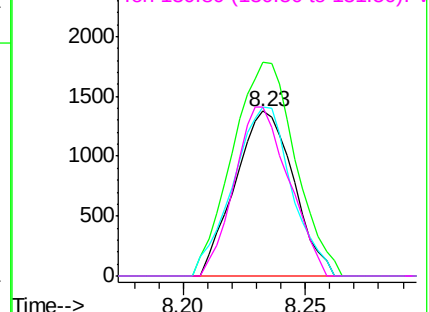
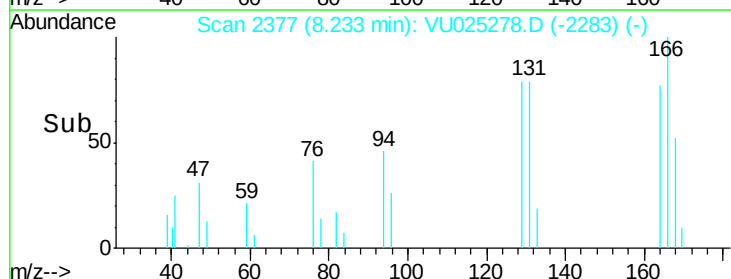


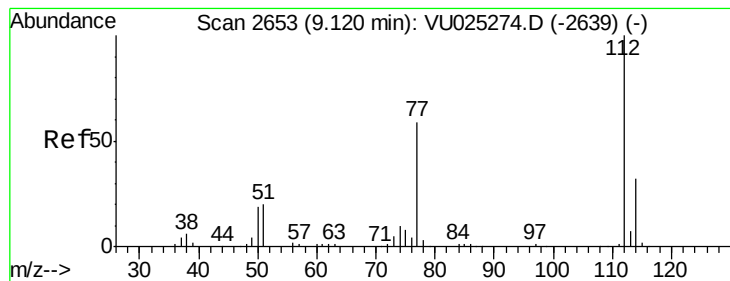
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.132 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

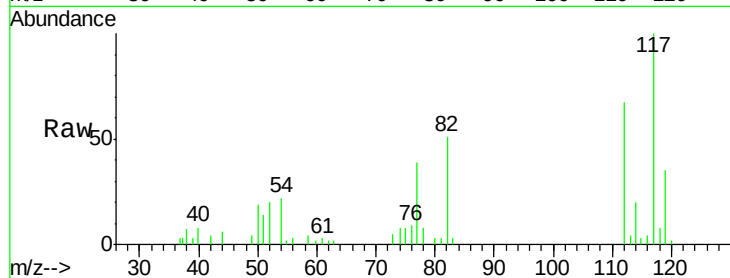
VSTDIC001

Tgt Ion:112 Resp: 6506

Ion Ratio Lower Upper

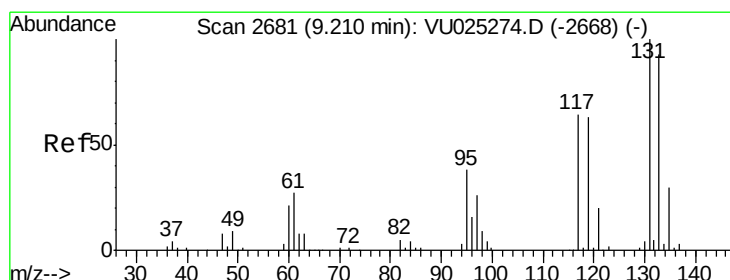
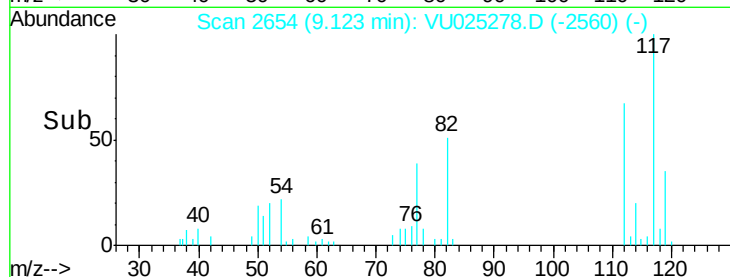
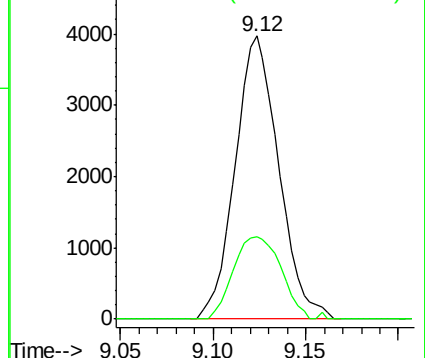
112 100

114 29.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.018 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

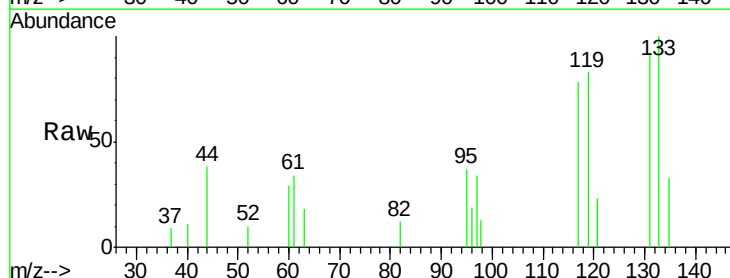
Tgt Ion:131 Resp: 2092

Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

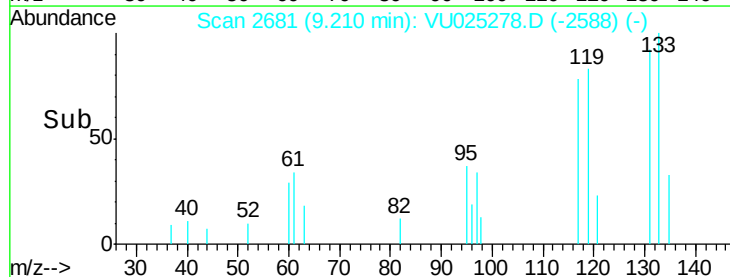
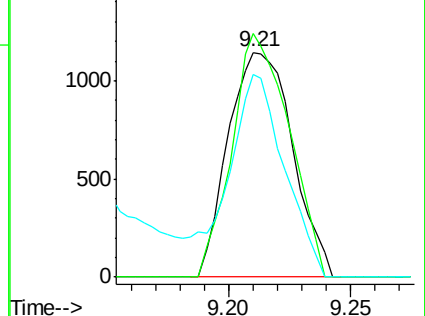
119 0.0 31.6 95.0#

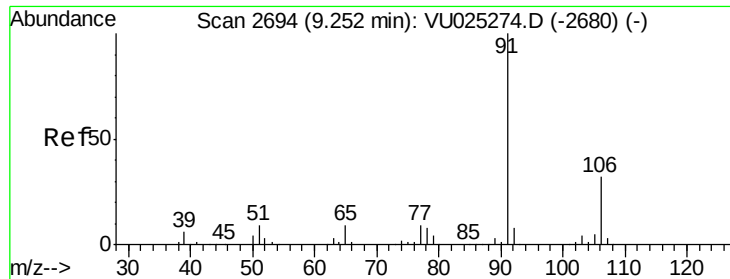


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.112 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

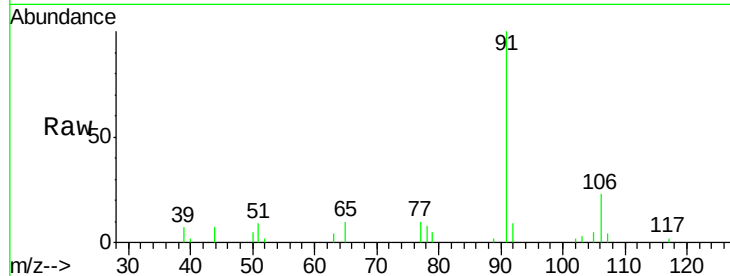
VSTDIC001

Tgt Ion: 91 Resp: 10891

Ion Ratio Lower Upper

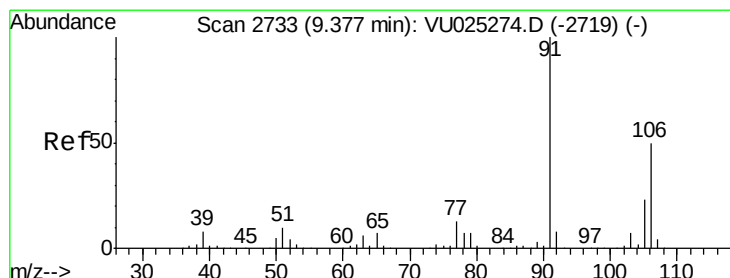
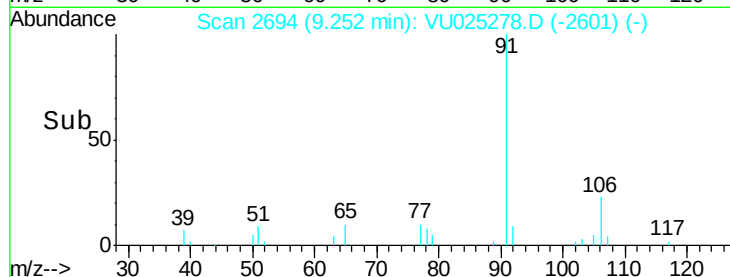
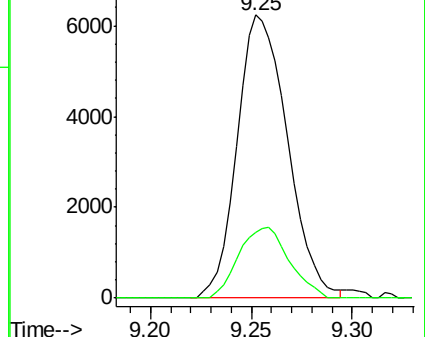
91 100

106 23.1 25.3 37.9#



Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-2680) (-)

Ion 106.00 (105.70 to 106.70): VU025278.D (-2601) (-)



#68

m/p-Xylenes

Concen: 2.045 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025278.D

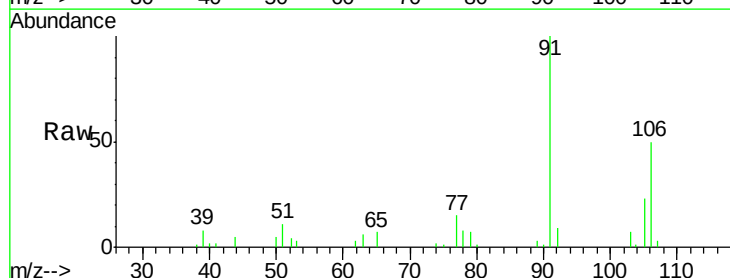
Acq: 09 Jul 2018 17:01

Tgt Ion: 106 Resp: 7747

Ion Ratio Lower Upper

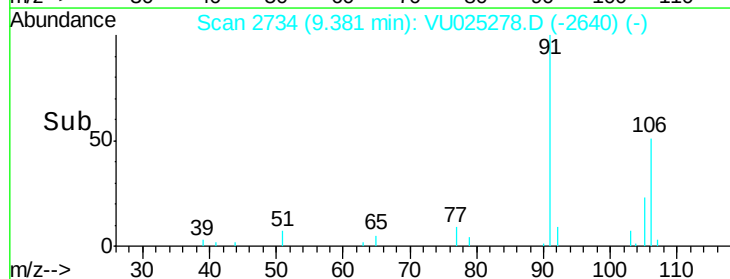
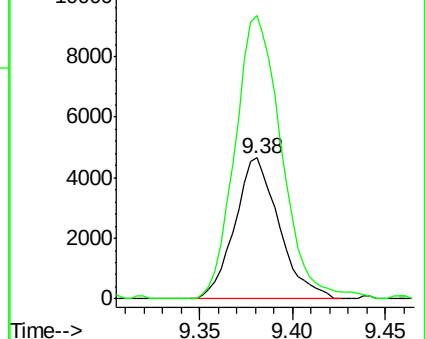
106 100

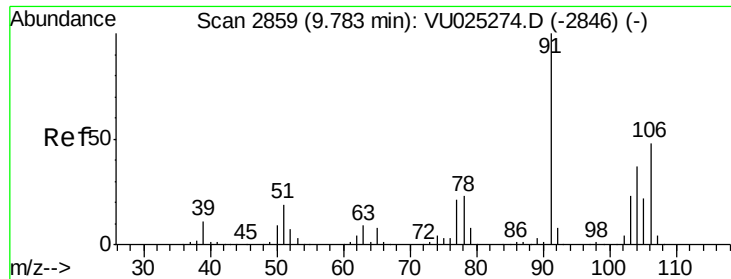
91 210.8 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): VU025278.D (-2640) (-)

Ion 91.00 (90.70 to 91.70): VU025274.D (-2719) (-)

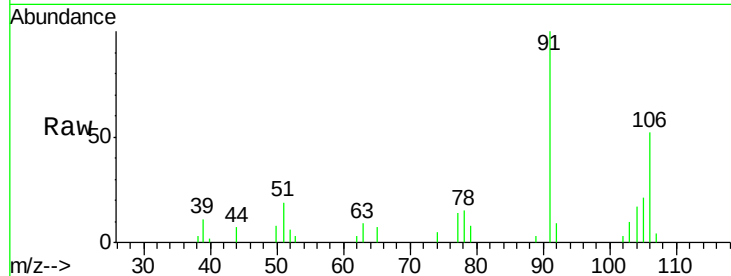




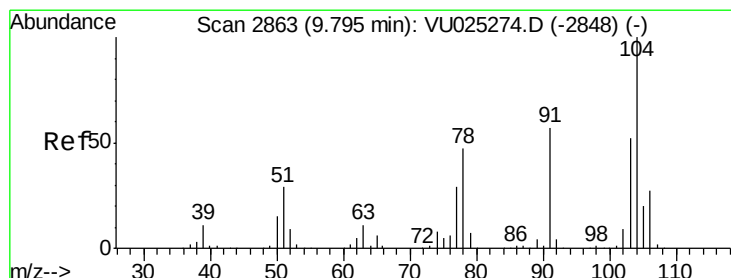
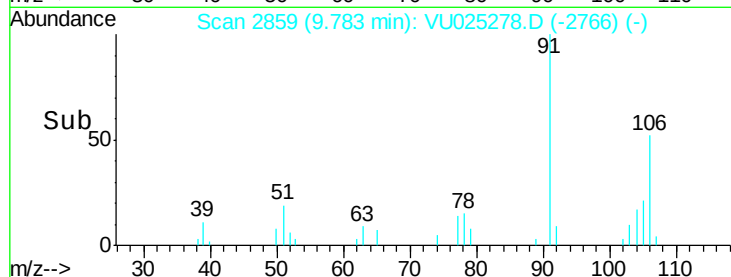
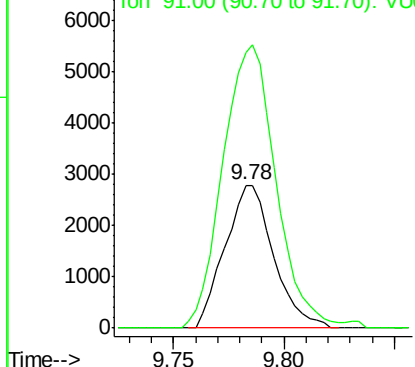
#69
o-Xylene
Concen: 1.124 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 4261
Ion Ratio Lower Upper
106 100
91 215.8 105.3 315.8

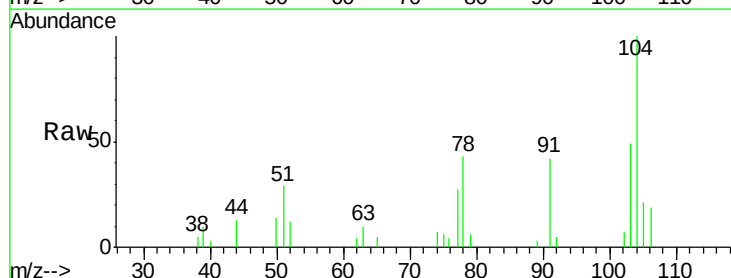


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

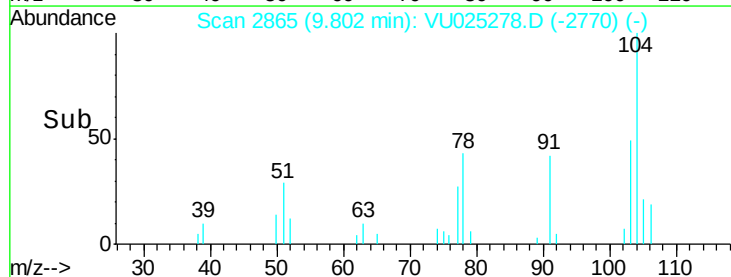
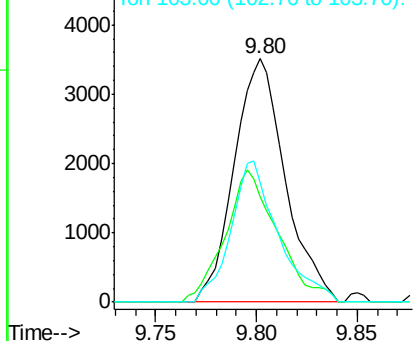


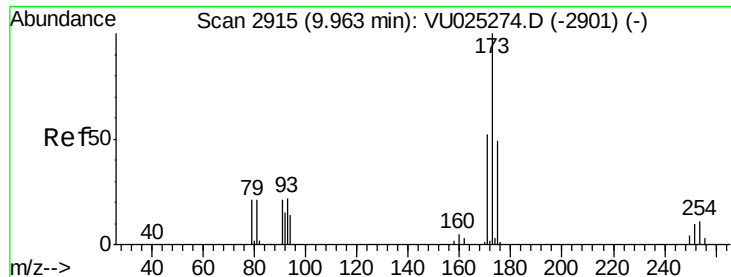
#70
Styrene
Concen: 1.034 ug/l
RT: 9.80 min Scan# 2865
Delta R.T. 0.01 min
Lab File: VU025278.D
Acq: 09 Jul 2018 17:01

Tgt Ion:104 Resp: 6231
Ion Ratio Lower Upper
104 100
78 55.8 41.6 62.4
103 53.6 44.6 66.8



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





#71

Bromoform

Concen: 0.984 ug/l

RT: 9.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

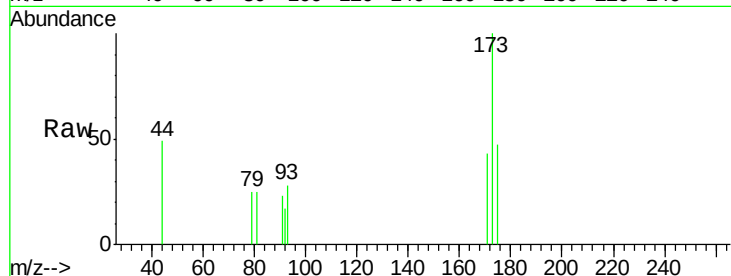
Tgt Ion:173 Resp: 1750

Ion Ratio Lower Upper

173 100

175 38.2 24.0 72.0

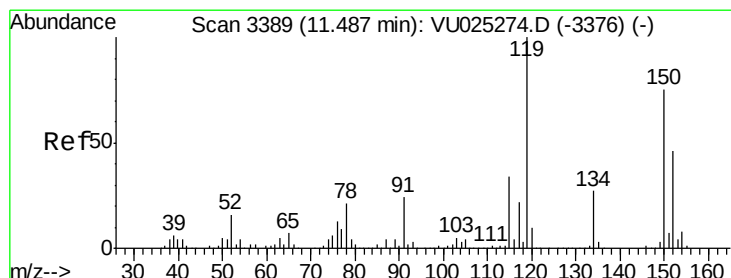
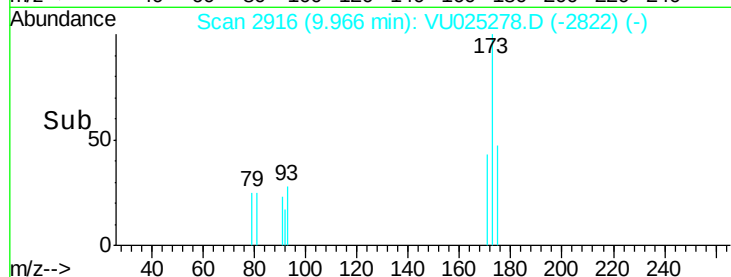
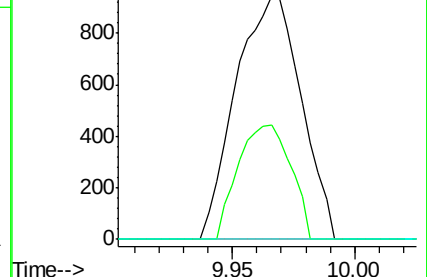
254 0.0 0.0 0.0



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: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

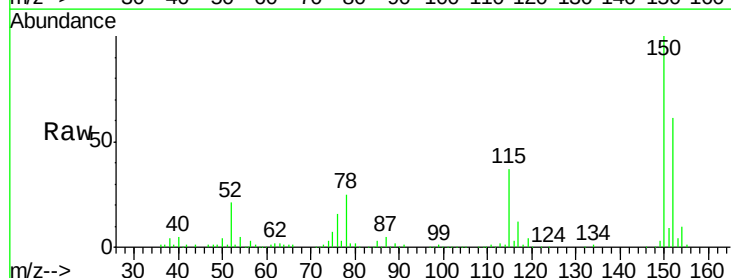
Tgt Ion:152 Resp: 110544

Ion Ratio Lower Upper

152 100

115 58.8 40.1 120.3

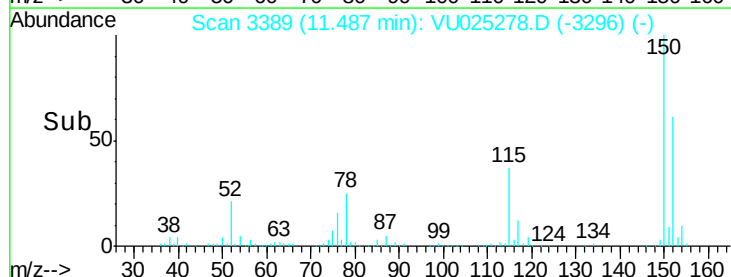
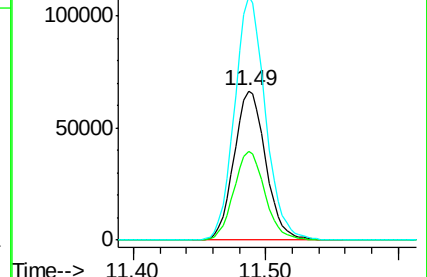
150 159.2 0.0 351.4

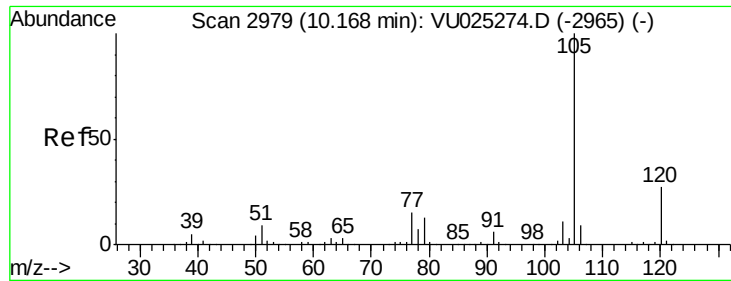


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.267 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

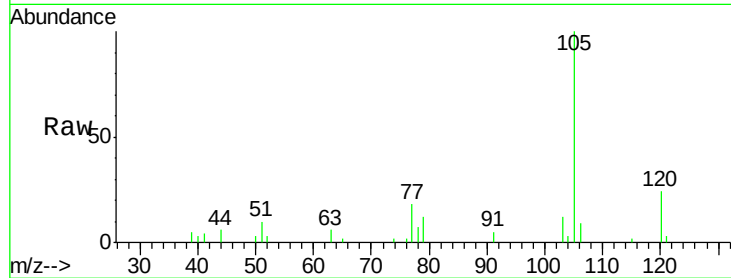
VSTDIC001

Tgt Ion: 105 Resp: 10704

Ion Ratio Lower Upper

105 100

120 25.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

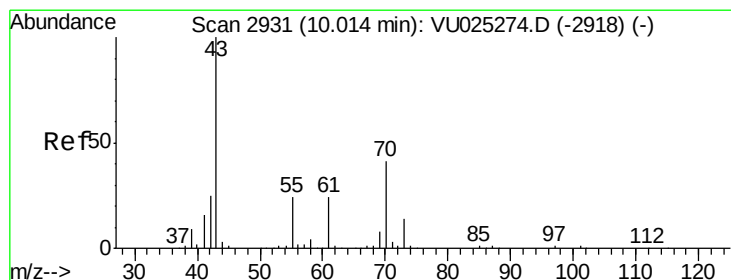
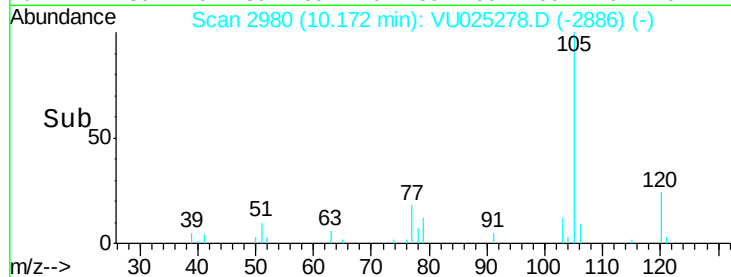
6000

4000

2000

0

Time--> 10.10 10.15 10.20



#74

N-ethyl acetate

Concen: 1.318 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Tgt Ion: 43 Resp: 4834

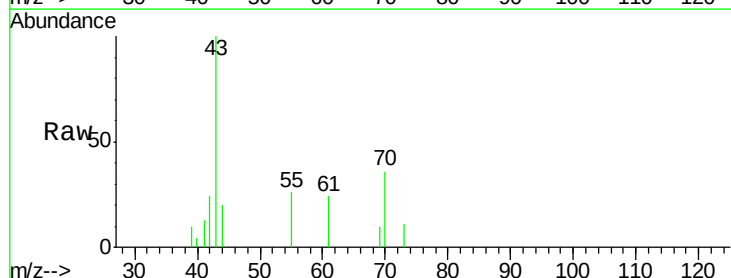
Ion Ratio Lower Upper

43 100

70 39.0 33.4 50.2

55 25.5 19.0 28.6

61 21.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

4000

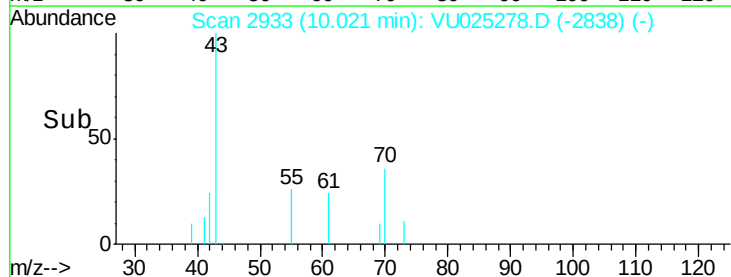
3000

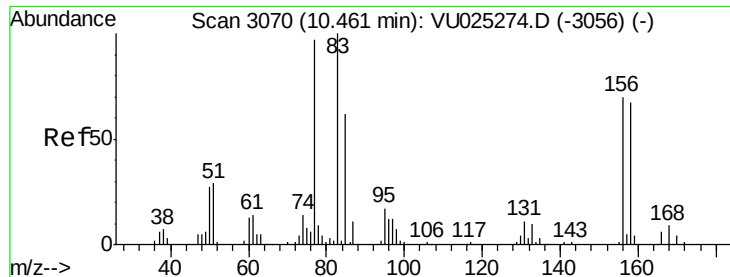
2000

1000

0

Time--> 9.95 10.00 10.05 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 1.230 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

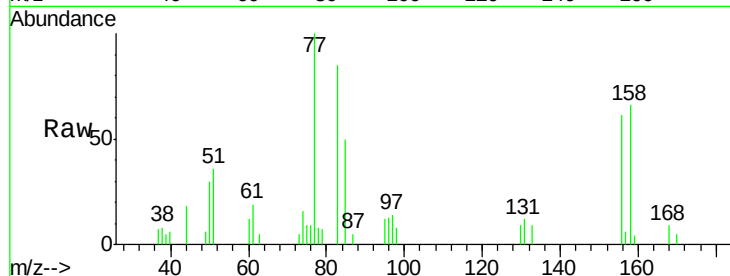
Tgt Ion: 83 Resp: 3398

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 66.5 31.6 94.8

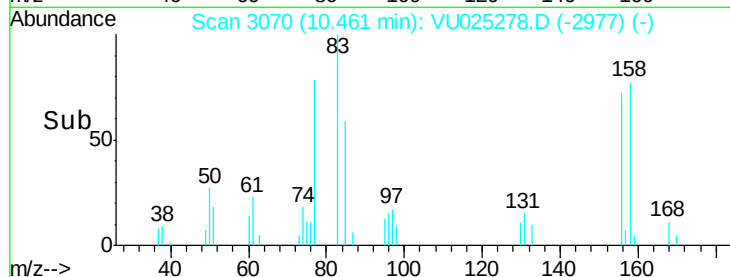


Abundance Ion 82.90 (82.60 to 83.60): VU025278.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025278.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025278.D (-2977) (-)

Time-->



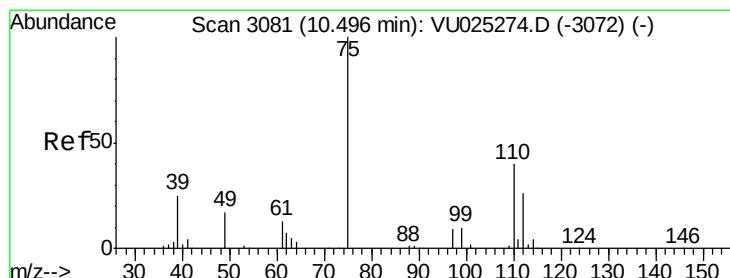
Abundance

Ion 82.90 (82.60 to 83.60): VU025278.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025278.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025278.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.247 ug/l

RT: 10.23 min Scan# 2997

Delta R.T. -0.27 min

Lab File: VU025278.D

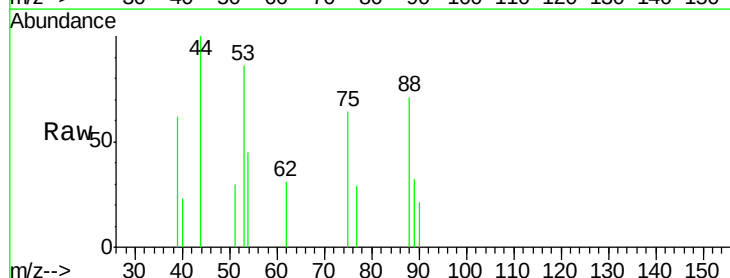
Acq: 09 Jul 2018 17:01

Tgt Ion: 75 Resp: 616

Ion Ratio Lower Upper

75 100

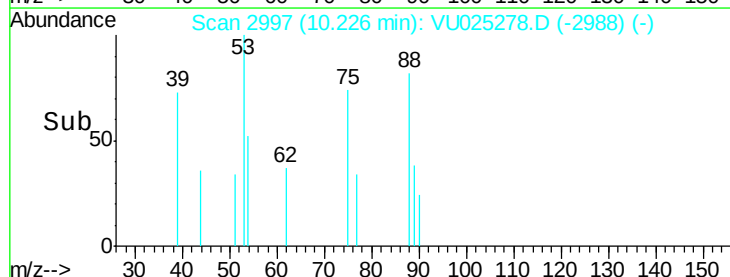
77 32.6 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025278.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025278.D (-2988) (-)

Time-->

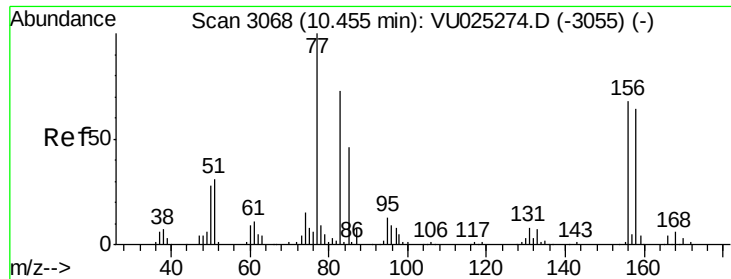


Abundance

Ion 74.90 (74.60 to 75.60): VU025278.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025278.D (-2988) (-)

Time-->



#77

Bromobenzene

Concen: 1.234 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

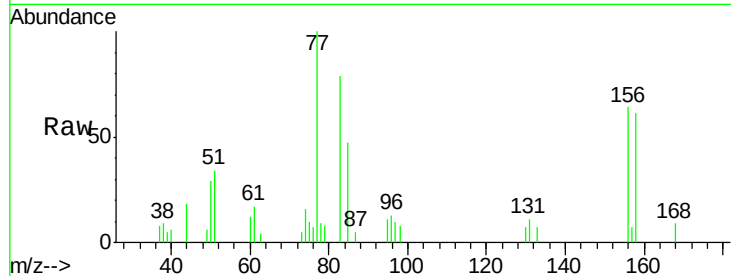
Tgt Ion:156 Resp: 2667

Ion Ratio Lower Upper

156 100

77 170.0 73.8 221.4

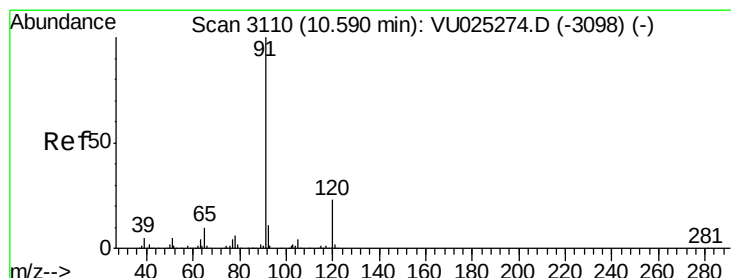
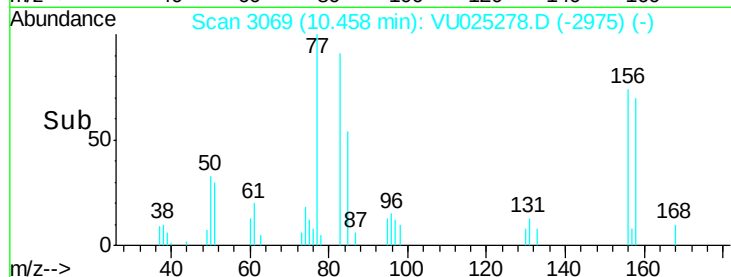
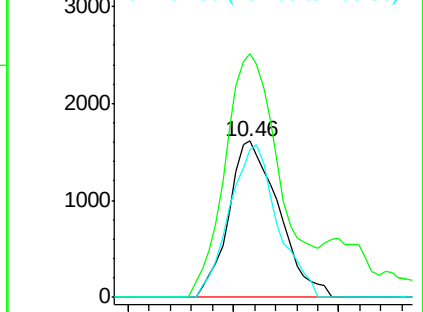
158 93.0 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.148 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025278.D

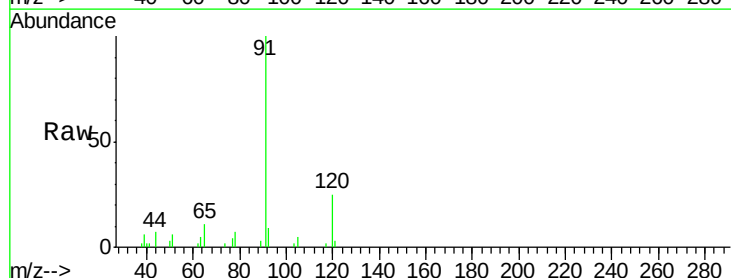
Acq: 09 Jul 2018 17:01

Tgt Ion: 91 Resp: 10761

Ion Ratio Lower Upper

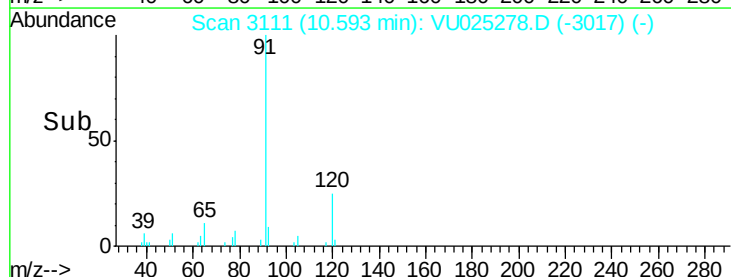
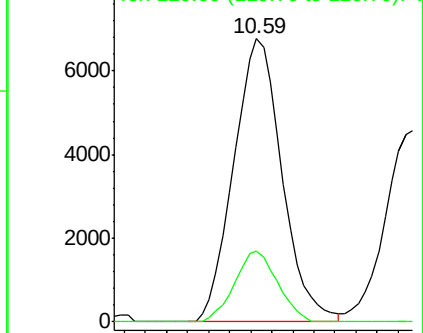
91 100

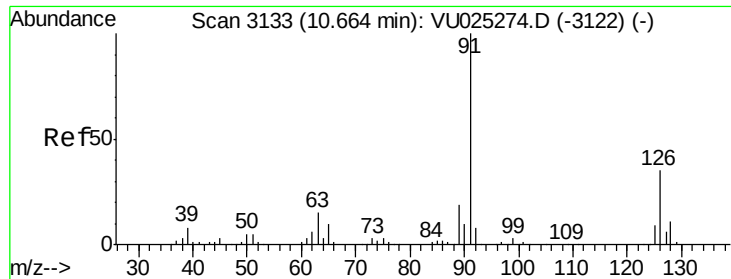
120 22.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

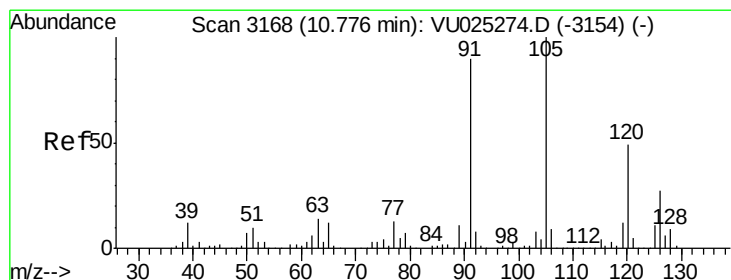
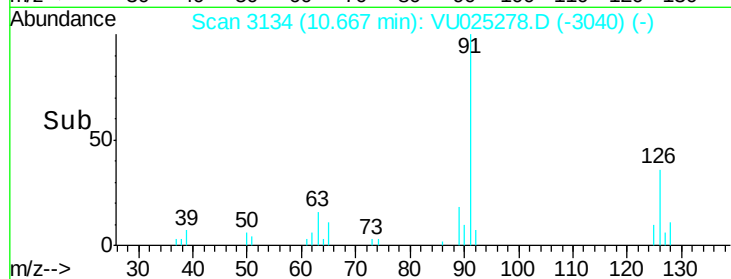
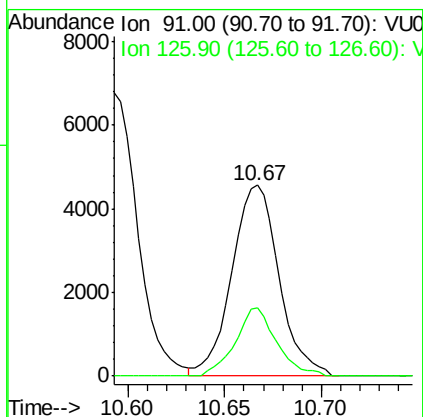
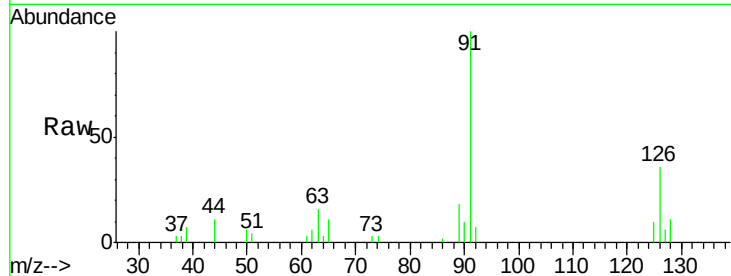




#79
 2-Chlorotoluene
 Concen: 1.323 ug/l
 RT: 10.67 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

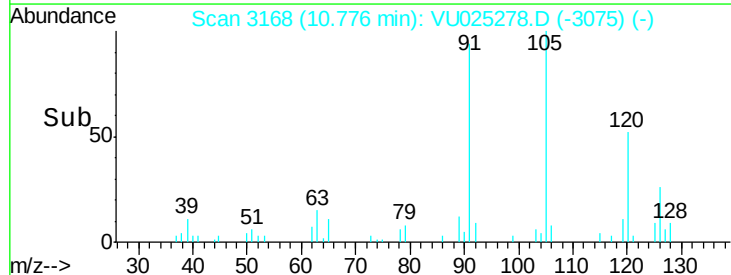
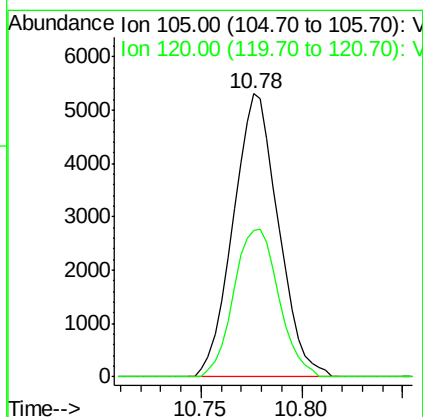
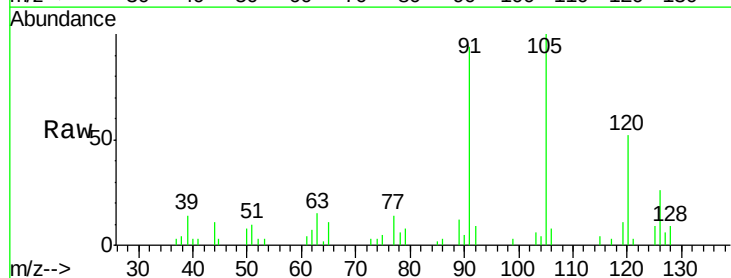
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

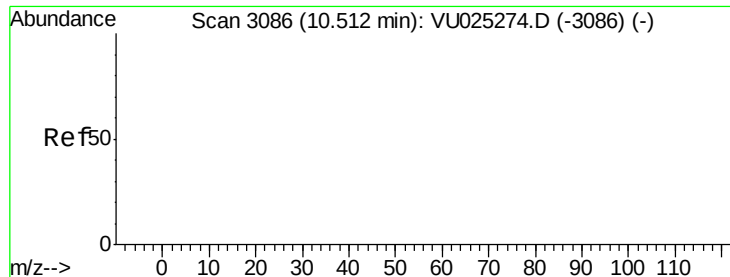
Tgt Ion: 91 Resp: 7760
 Ion Ratio Lower Upper
 91 100
 126 31.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.170 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion: 105 Resp: 8312
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.737 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

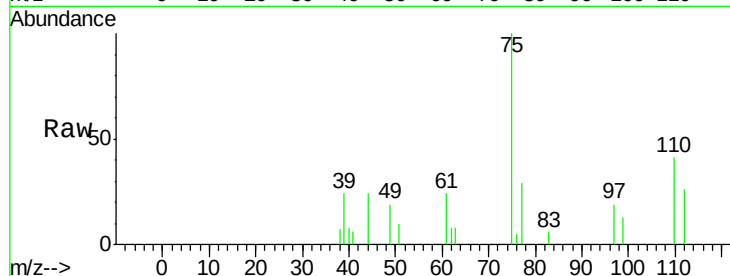
Tgt Ion: 75 Resp: 4303

Ion Ratio Lower Upper

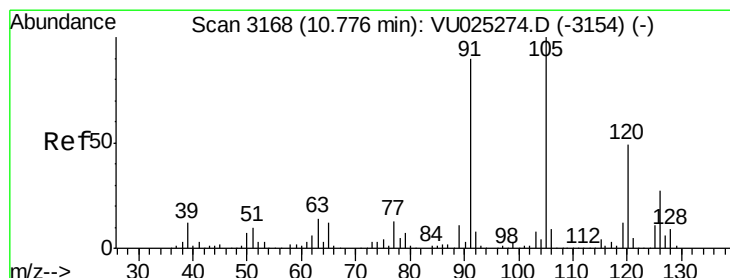
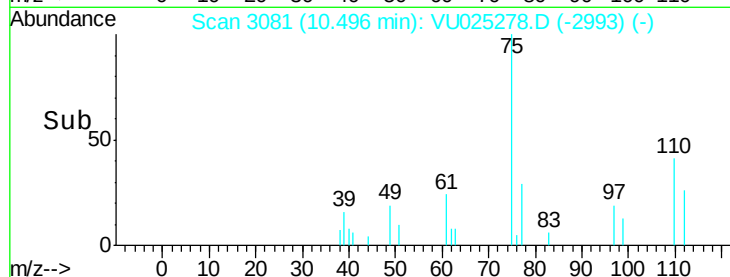
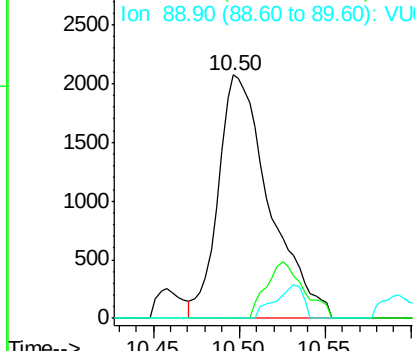
75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 1.251 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025278.D

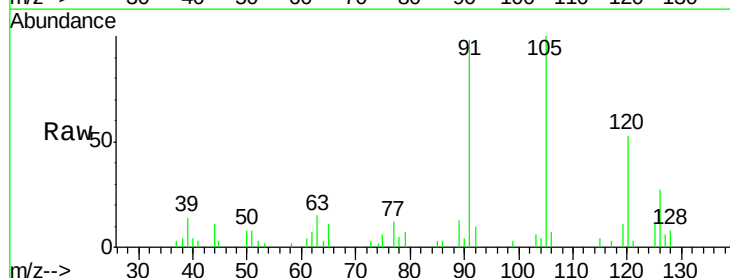
Acq: 09 Jul 2018 17:01

Tgt Ion: 91 Resp: 8301

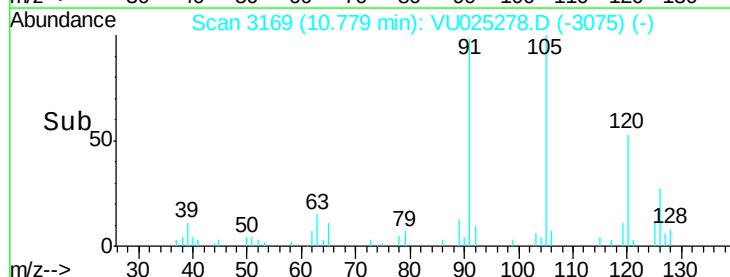
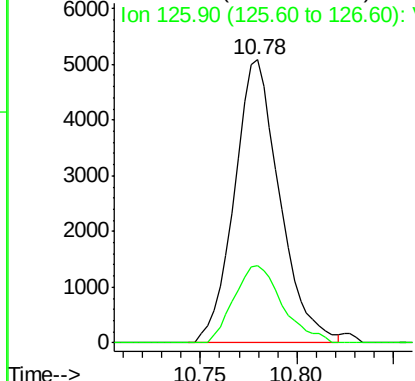
Ion Ratio Lower Upper

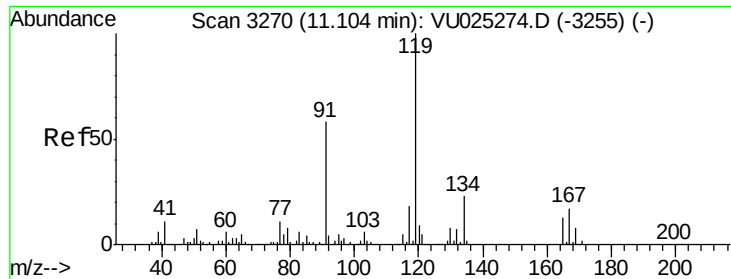
91 100

126 29.0 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

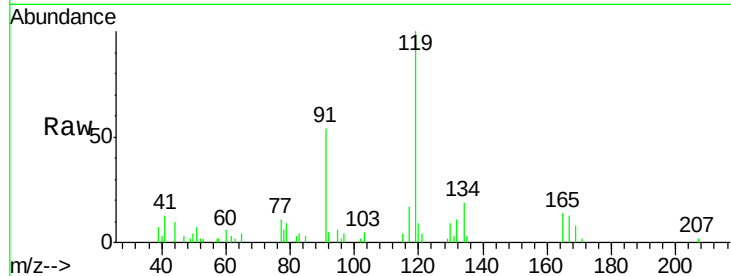




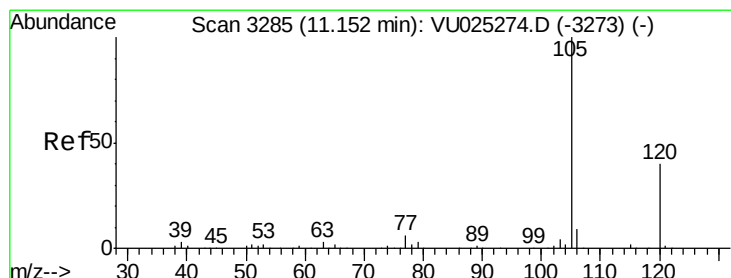
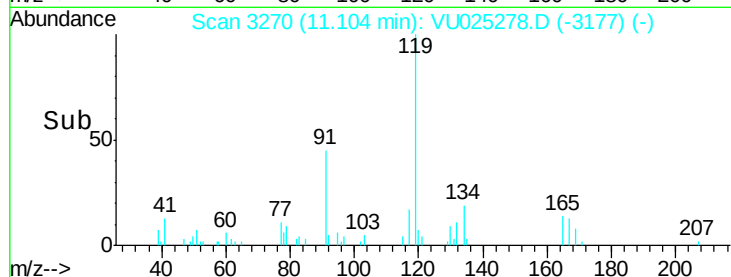
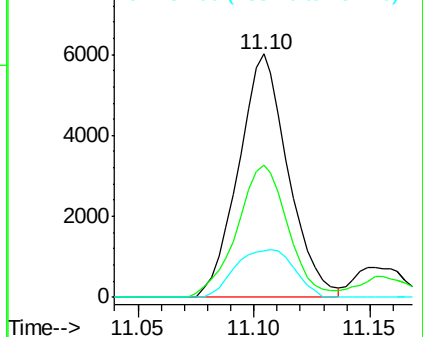
#83
 tert-Butylbenzene
 Concen: 1.244 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 8931
 Ion Ratio Lower Upper
 119 100
 91 55.6 29.7 89.1
 134 23.2 11.5 34.5

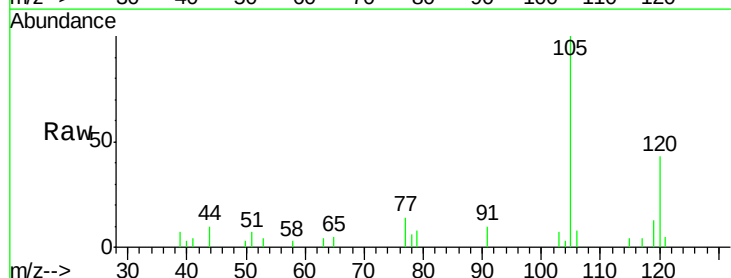


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

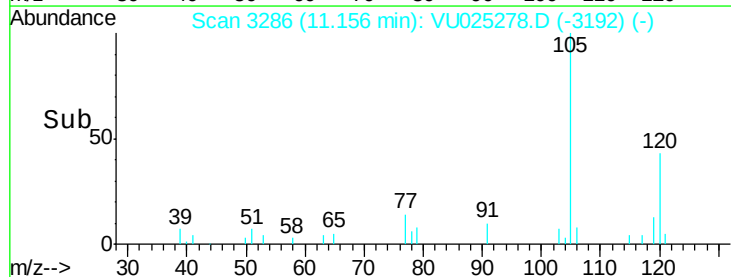
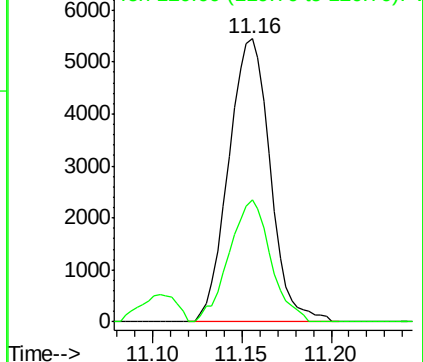


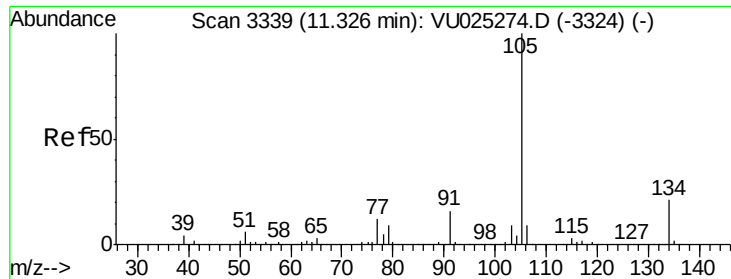
#84
 1,2,4-Trimethylbenzene
 Concen: 1.217 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion:105 Resp: 8862
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.3 66.8



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

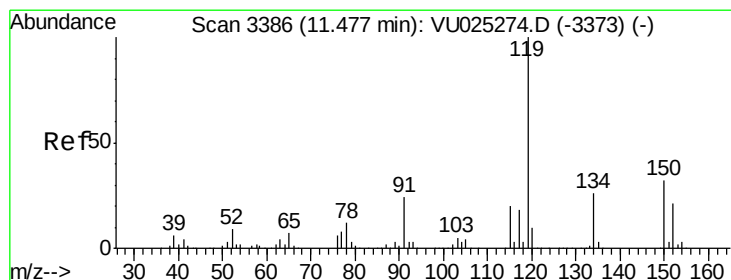
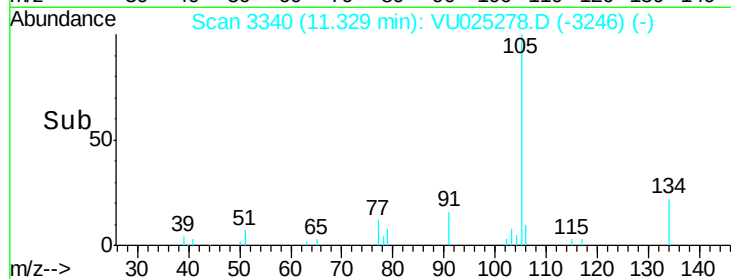
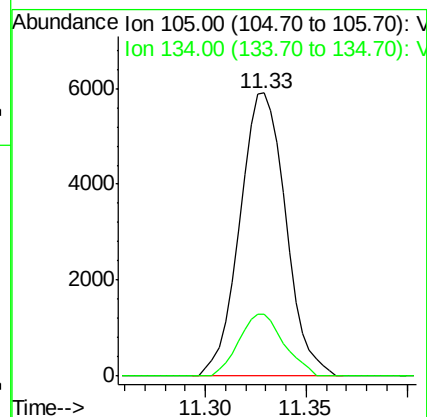
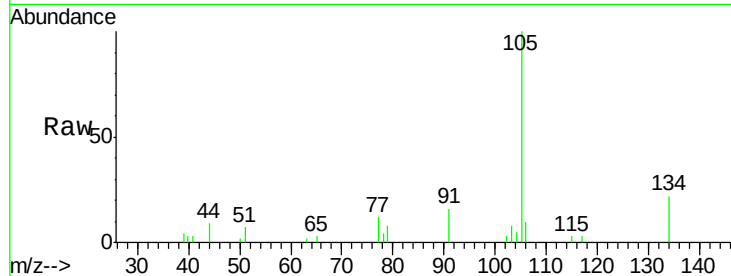




#85
 sec-Butylbenzene
 Concen: 1.114 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

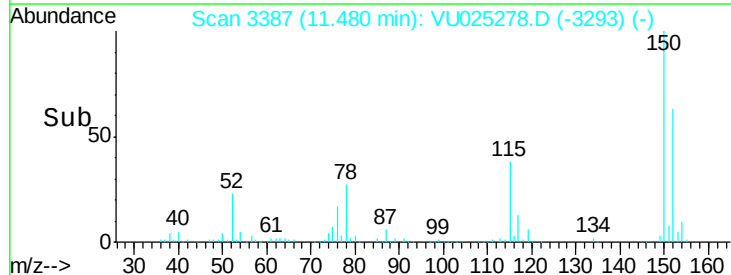
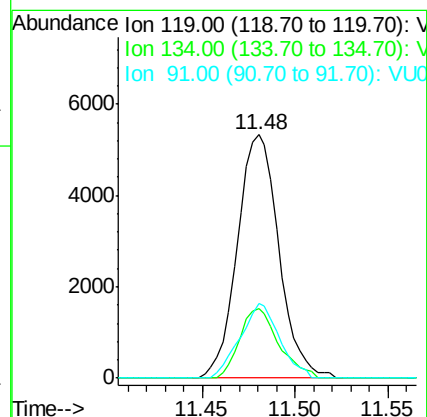
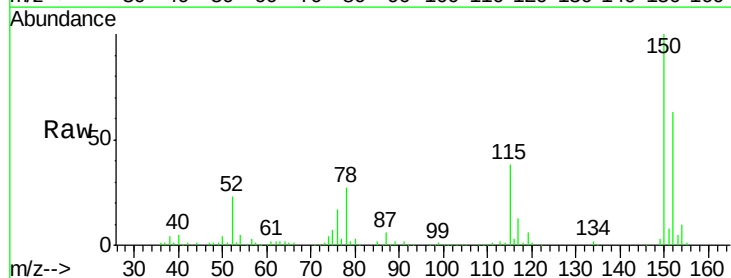
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

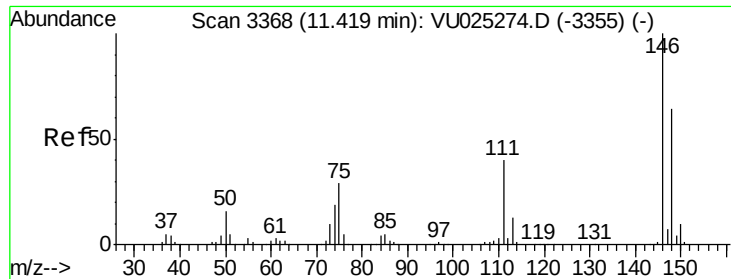
Tgt Ion:105 Resp: 9418
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 1.107 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion:119 Resp: 8289
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 29.1 12.0 36.1

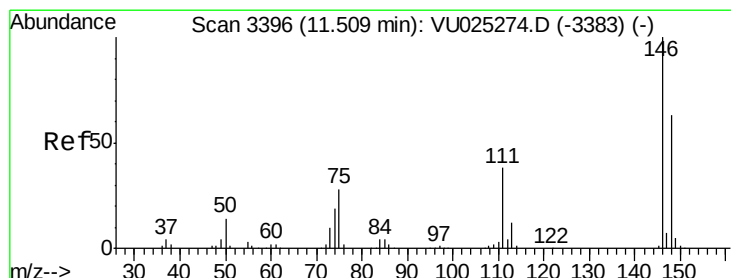
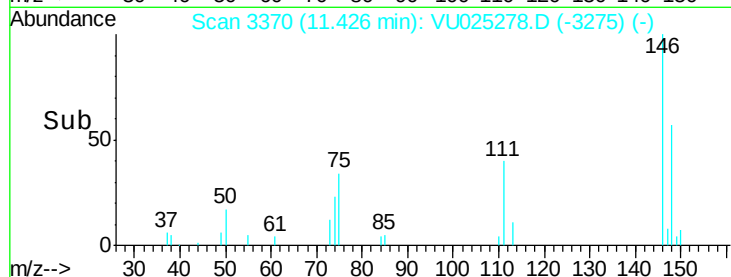
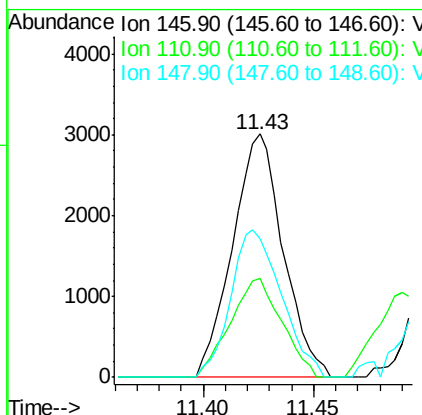
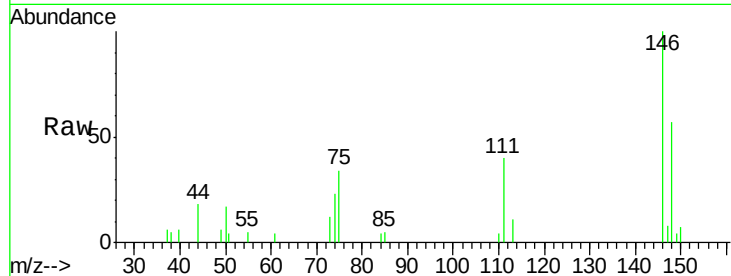




#87
 1,3-Dichlorobenzene
 Concen: 1.212 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

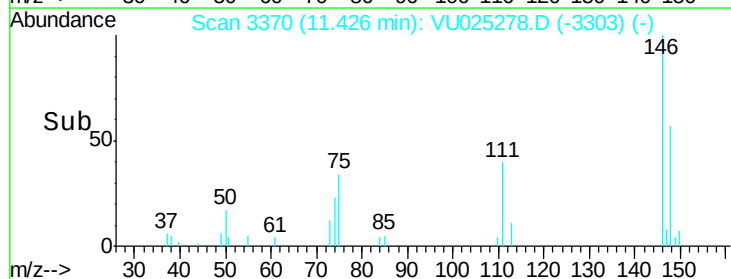
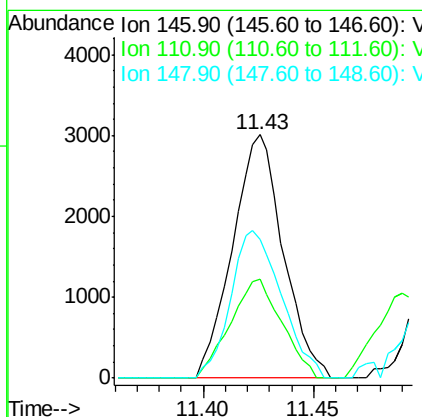
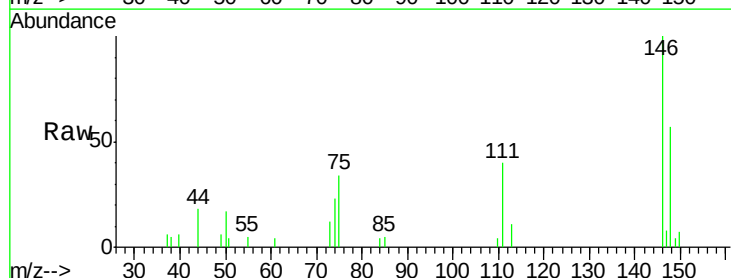
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

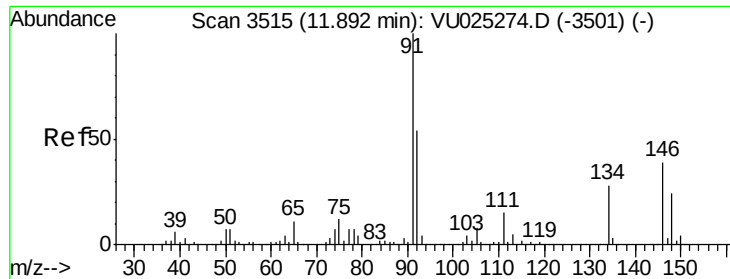
Tgt Ion:146 Resp: 4786
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.7 59.1
 148 60.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.180 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. -0.08 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion:146 Resp: 4786
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.4 58.1
 148 60.9 31.7 95.1





#89

n-Butylbenzene

Concen: 1.042 ug/l

RT: 11.90 min Scan# 3517

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

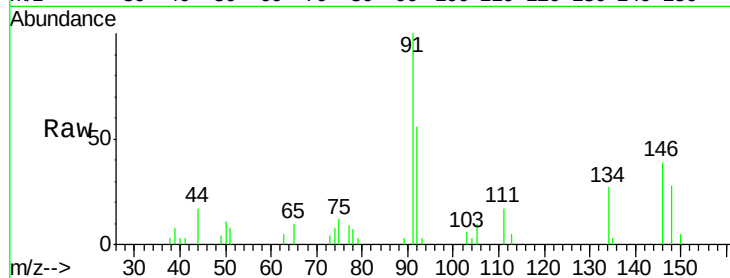
Tgt Ion: 91 Resp: 6416

Ion Ratio Lower Upper

91 100

92 55.9 26.5 79.5

134 28.2 13.6 40.7

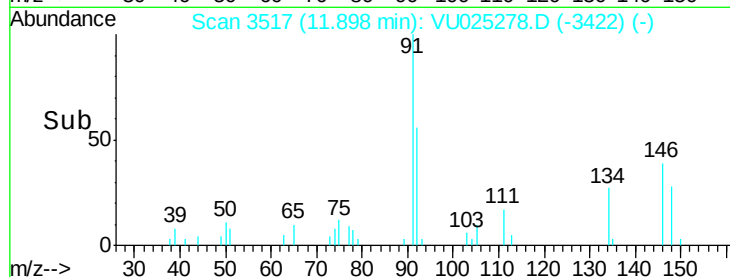


Abundance Ion 91.00 (90.70 to 91.70): VU025278.D (-3501) (-)

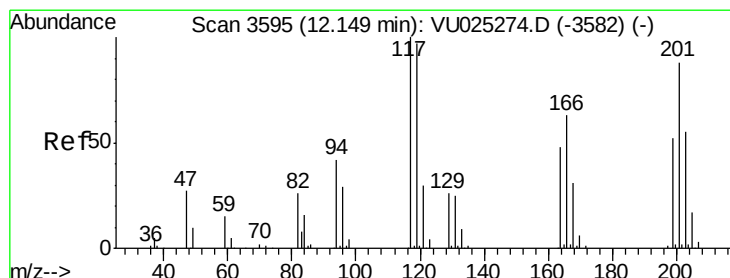
Ion 92.00 (91.70 to 92.70): VU025278.D (-3501) (-)

Ion 134.00 (133.70 to 134.70): VU025278.D (-3501) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 1.077 ug/l

RT: 12.15 min Scan# 3594

Delta R.T. -0.00 min

Lab File: VU025278.D

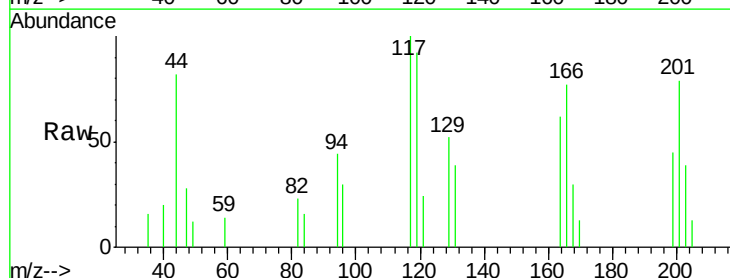
Acq: 09 Jul 2018 17:01

Tgt Ion: 117 Resp: 1366

Ion Ratio Lower Upper

117 100

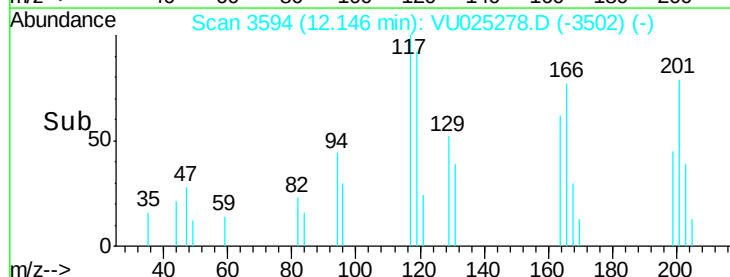
201 94.7 42.5 127.6



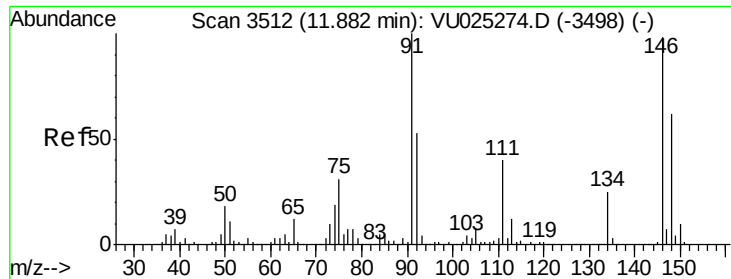
Abundance Ion 116.80 (116.50 to 117.50): VU025278.D (-3582) (-)

Ion 200.70 (200.40 to 201.40): VU025278.D (-3582) (-)

Time-->



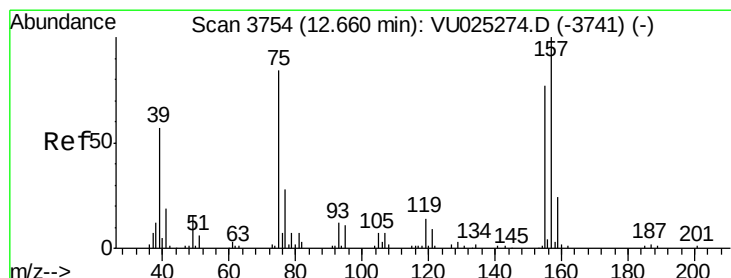
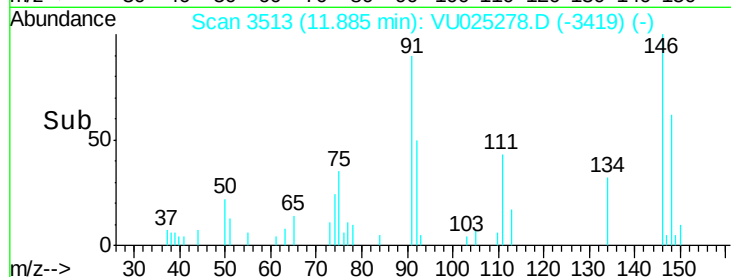
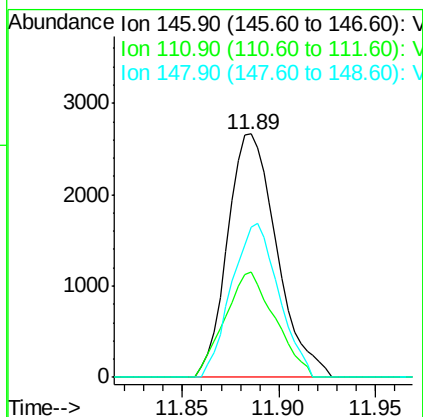
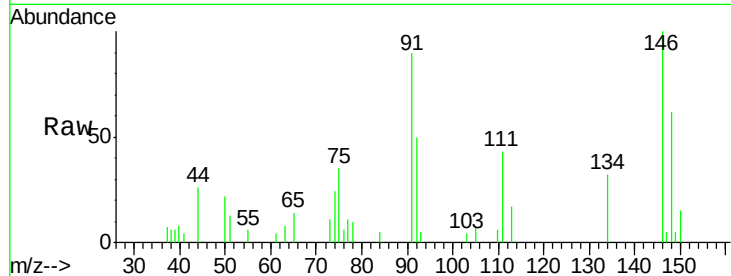
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 1.180 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

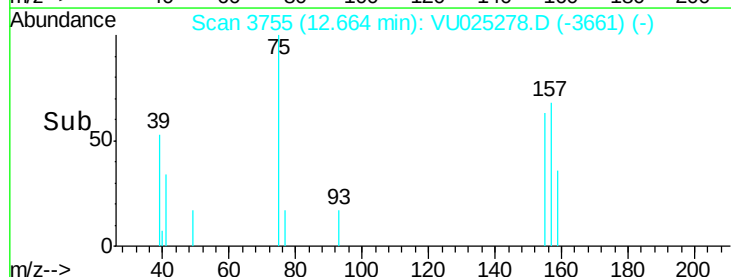
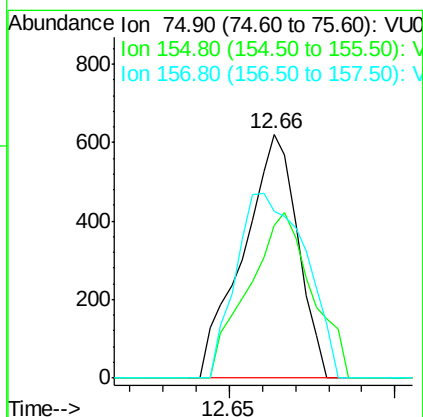
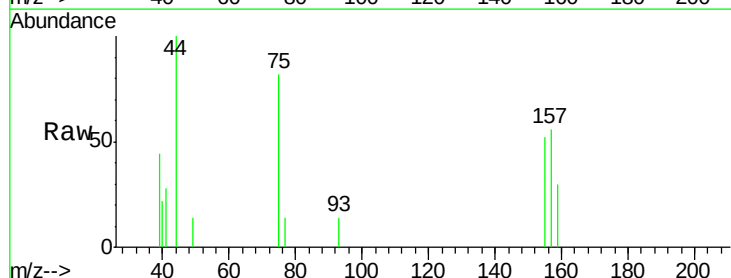
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

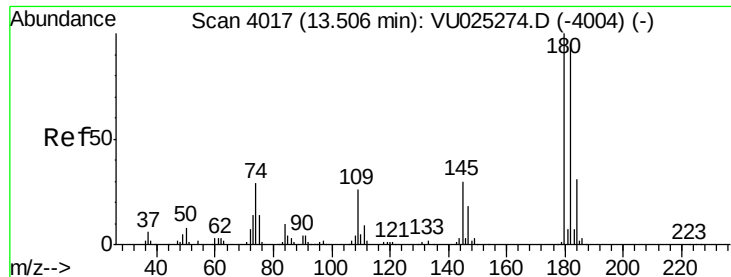
Tgt Ion: 146 Resp: 4708
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.6 61.8
 148 60.6 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.059 ug/l
 RT: 12.66 min Scan# 3755
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion: 75 Resp: 710
 Ion Ratio Lower Upper
 75 100
 155 79.2 44.5 133.3
 157 96.3 57.0 170.8

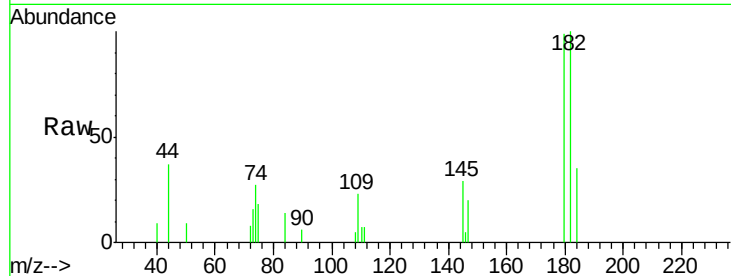




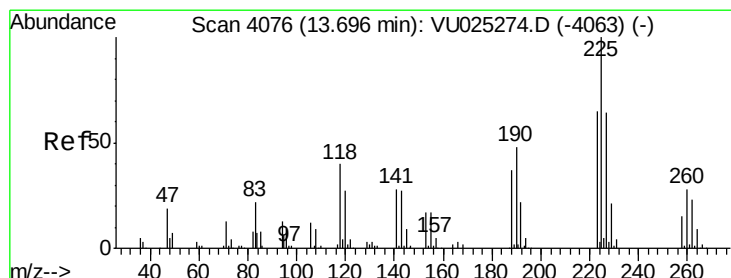
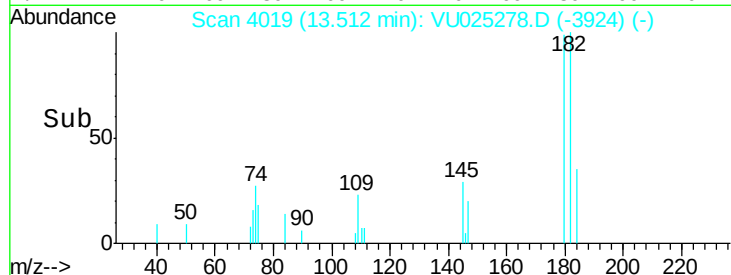
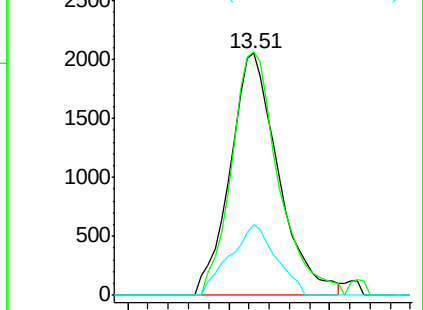
#93
 1,2,4-Trichlorobenzene
 Concen: 1.318 ug/l
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC001

Tgt Ion:180 Resp: 3443
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.3 141.9
 145 27.8 14.9 44.7

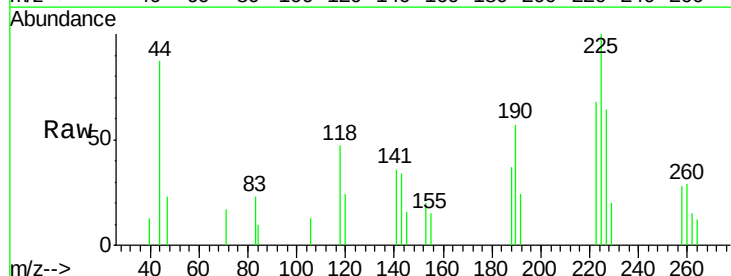


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

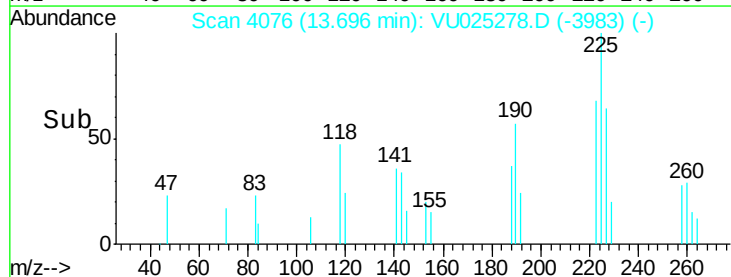
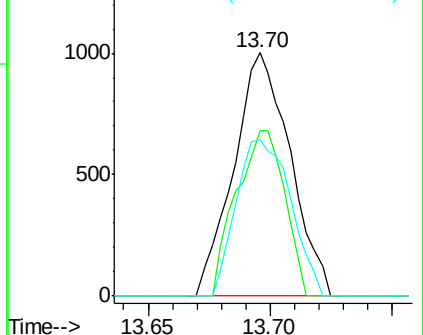


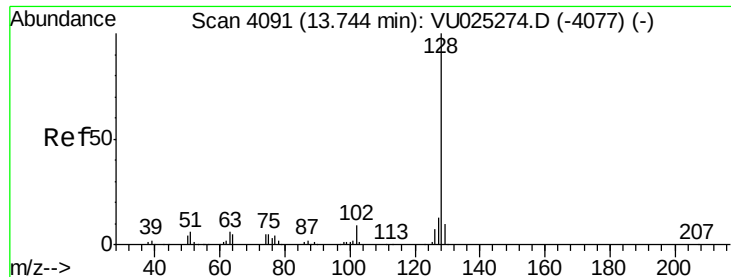
#94
 Hexachlorobutadiene
 Concen: 1.125 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025278.D
 Acq: 09 Jul 2018 17:01

Tgt Ion:225 Resp: 1605
 Ion Ratio Lower Upper
 225 100
 223 58.6 31.9 95.7
 227 62.1 32.3 96.9



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: 1.849 ug/l

RT: 13.75 min Scan# 4093

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

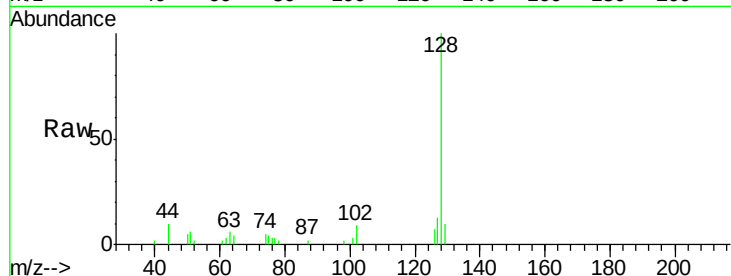
Tgt Ion:128 Resp: 16621

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

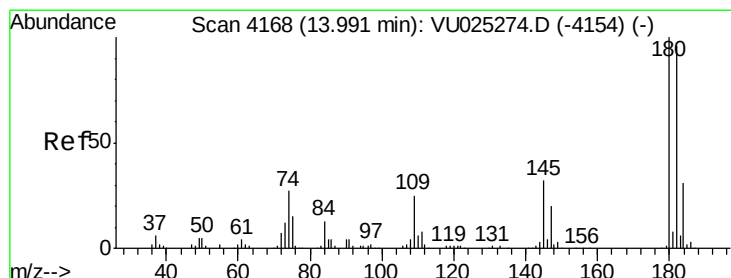
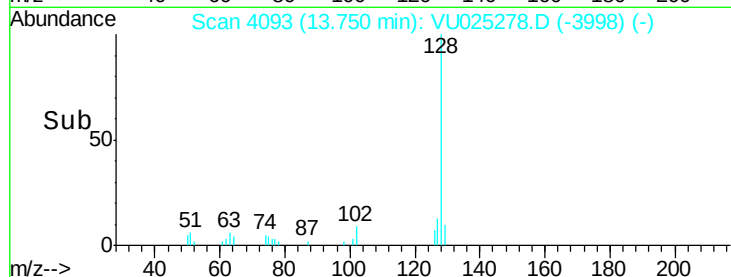
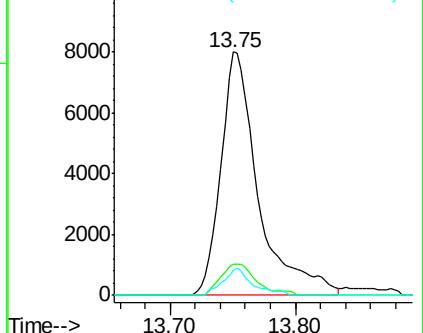
129 8.7 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.506 ug/l

RT: 14.00 min Scan# 4170

Delta R.T. 0.01 min

Lab File: VU025278.D

Acq: 09 Jul 2018 17:01

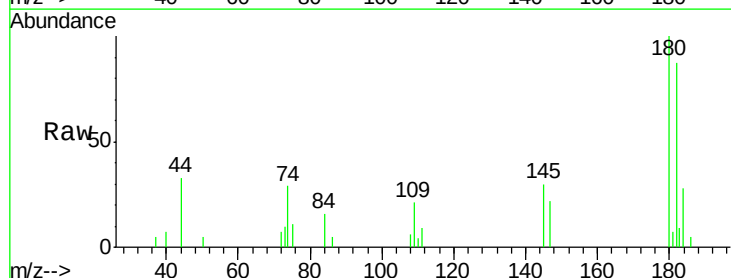
Tgt Ion:180 Resp: 4244

Ion Ratio Lower Upper

180 100

182 90.9 47.8 143.3

145 31.4 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

