

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025272.D
 Acq On : 09 Jul 2018 14:03
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 10 01:17:24 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	156565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	230029	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	211518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	114183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	13274	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
35) Dibromofluoromethane	4.89	113	9838	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
50) Toluene-d8	7.57	98	34465	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
62) 4-Bromofluorobenzene	10.31	95	12520	4.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	8433	5.205	ug/l 98
3) Chloromethane	1.33	50	8744	4.769	ug/l 100
4) Vinyl Chloride	1.40	62	8419	4.728	ug/l 97
5) Bromomethane	1.62	94	7391	5.682	ug/l 95
6) Chloroethane	1.70	64	7012	5.651	ug/l 96
7) Trichlorofluoromethane	1.89	101	14089	5.035	ug/l 100
8) Diethyl Ether	2.10	74	5190	4.942	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	8518	4.912	ug/l 98
10) Methyl Iodide	2.41	142	5796	3.458	ug/l 97
11) Tert butyl alcohol	2.83	59	14307	23.997	ug/l 98
12) 1,1-Dichloroethene	2.28	96	7777	4.900	ug/l 92
13) Acrolein	2.20	56	9286	25.081	ug/l 95
14) Allyl chloride	2.60	41	15336	5.328	ug/l 94
15) Acrylonitrile	2.94	53	27055	24.799	ug/l 98
16) Acetone	2.32	43	32575	24.800	ug/l 98
17) Carbon Disulfide	2.48	76	23153	4.710	ug/l 98
18) Methyl Acetate	2.62	43	11699	4.698	ug/l 96
19) Methyl tert-butyl Ether	3.00	73	29415	4.873	ug/l 96
20) Methylene Chloride	2.70	84	10552	4.889	ug/l 98
21) trans-1,2-Dichloroethene	2.99	96	8948	4.934	ug/l 97
22) Diisopropyl ether	3.57	45	29132	4.956	ug/l 95
23) Vinyl Acetate	3.53	43	124425	24.131	ug/l 100
24) 1,1-Dichloroethane	3.45	63	16552	4.993	ug/l 99
25) 2-Butanone	4.27	43	40894	24.255	ug/l 98
26) 2,2-Dichloropropane	4.23	77	15802	4.958	ug/l 93
27) cis-1,2-Dichloroethene	4.23	96	10238	4.879	ug/l 100
28) Bromochloromethane	4.55	49	8241	5.148	ug/l # 95
29) Tetrahydrofuran	4.64	42	25244	24.963	ug/l 97
30) Chloroform	4.68	83	17306	4.930	ug/l 94
31) Cyclohexane	5.00	56	17637	4.789	ug/l # 88
32) 1,1,1-Trichloroethane	4.92	97	14573	4.580	ug/l 97
36) 1,1-Dichloropropene	5.14	75	12923	5.053	ug/l 97
37) Ethyl Acetate	4.39	43	13736	4.816	ug/l 99
38) Carbon Tetrachloride	5.14	117	12914	4.692	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025272.D
 Acq On : 09 Jul 2018 14:03
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC005

Quant Time: Jul 10 01:17:24 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	15471	4.850	ug/l	100
40) Benzene	5.39	78	37275	5.058	ug/l	99
41) Methacrylonitrile	4.55	41	7940	5.021	ug/l #	91
42) 1,2-Dichloroethane	5.41	62	14523	4.958	ug/l	97
43) Isopropyl Acetate	5.55	43	22463	4.918	ug/l	97
44) Trichloroethene	6.19	130	9975	4.714	ug/l	97
45) 1,2-Dichloropropane	6.44	63	9350	4.844	ug/l	92
46) Dibromomethane	6.56	93	6496	4.624	ug/l	96
47) Bromodichloromethane	6.76	83	12123	4.646	ug/l	99
48) Methyl methacrylate	6.63	41	11217	4.927	ug/l	97
49) 1,4-Dioxane	6.62	88	5683	103.731	ug/l	90
51) 4-Methyl-2-Pentanone	7.46	43	71237	23.998	ug/l	100
52) Toluene	7.64	92	22633	4.827	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	13263	4.626	ug/l	93
54) cis-1,3-Dichloropropene	7.27	75	14406	4.721	ug/l	96
55) 1,1,2-Trichloroethane	8.08	97	9125	4.673	ug/l	97
56) Ethyl methacrylate	8.02	69	14447	4.737	ug/l	98
57) 1,3-Dichloropropane	8.25	76	15985	4.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	21847	20.299	ug/l	97
59) 2-Hexanone	8.36	43	55758	23.157	ug/l	99
60) Dibromochloromethane	8.48	129	9379	4.447	ug/l	97
61) 1,2-Dibromoethane	8.59	107	9928	4.752	ug/l	99
64) Tetrachloroethene	8.23	164	10036	5.205	ug/l	94
65) Chlorobenzene	9.12	112	26811	5.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	8959	4.740	ug/l	97
67) Ethyl Benzene	9.26	91	43949	4.879	ug/l	99
68) m/p-Xylenes	9.38	106	34204	9.821	ug/l	98
69) o-Xylene	9.78	106	16686	4.786	ug/l	97
70) Styrene	9.80	104	25932	4.682	ug/l	97
71) Bromoform	9.96	173	6795	4.157	ug/l #	94
73) Isopropylbenzene	10.17	105	45922	5.264	ug/l	98
74) N-amyl acetate	10.02	43	19050	5.030	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	14506	5.082	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	16687	6.479	ug/l	88
77) Bromobenzene	10.46	156	11430	5.121	ug/l	98
78) n-propylbenzene	10.59	91	49850	5.149	ug/l	99
79) 2-Chlorotoluene	10.66	91	31516	5.202	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	37171	5.063	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	16687	17.786	ug/l #	100
82) 4-Chlorotoluene	10.78	91	34859	5.085	ug/l	100
83) tert-Butylbenzene	11.10	119	37247	5.021	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	37098	4.931	ug/l	98
85) sec-Butylbenzene	11.33	105	44905	5.141	ug/l	99
86) p-Isopropyltoluene	11.48	119	37589	4.860	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	20797	5.099	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	21152	5.049	ug/l	93
89) n-Butylbenzene	11.89	91	29331	4.613	ug/l	97
90) Hexachloroethane	12.15	117	6059	4.627	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	21130	5.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	3268	4.721	ug/l	93

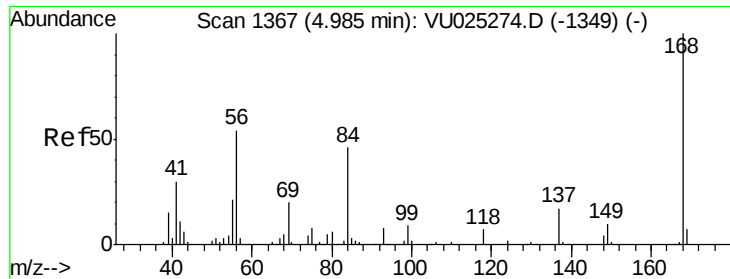
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
Data File : VU025272.D
Acq On : 09 Jul 2018 14:03
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Jul 10 01:17:24 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)
93) 1,2,4-Trichlorobenzene	13.51	180	10984	4.070	ug/l	97
94) Hexachlorobutadiene	13.70	225	7417	5.034	ug/l	99
95) Naphthalene	13.75	128	33198	3.575	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	11950	4.106	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

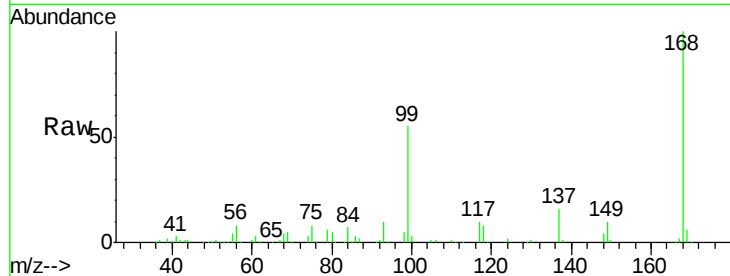
VSTDIC005

Tgt Ion:168 Resp: 156565

Ion Ratio Lower Upper

168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025272.D (-1274) (-)

Ion 98.90 (98.60 to 99.60): VU025272.D (-1274) (-)

4.99

80000

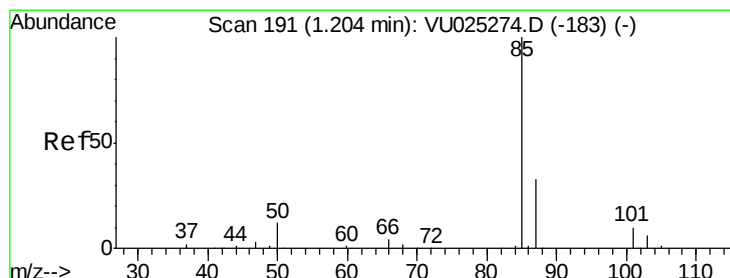
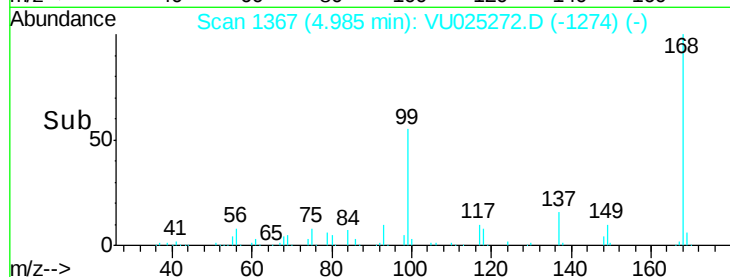
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.205 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025272.D

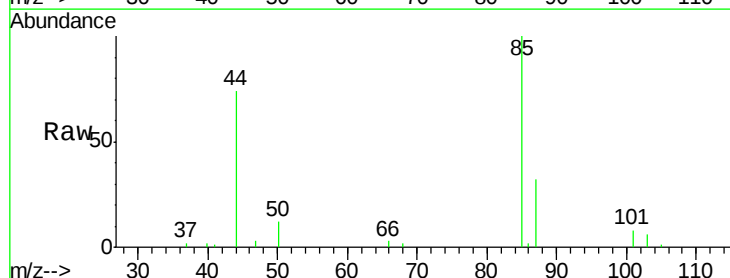
Acq: 09 Jul 2018 14:03

Tgt Ion: 85 Resp: 8433

Ion Ratio Lower Upper

85 100

87 32.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025272.D (-98) (-)

Ion 86.90 (86.60 to 87.60): VU025272.D (-98) (-)

1.21

8000

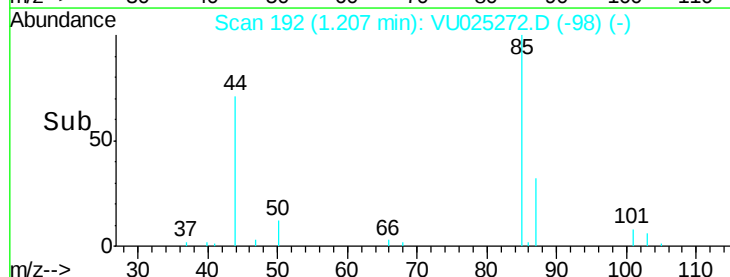
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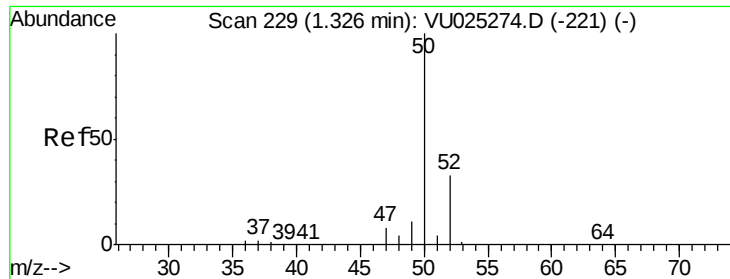
4000

2000

0

Time-->





#3

Chloromethane

Concen: 4.769 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

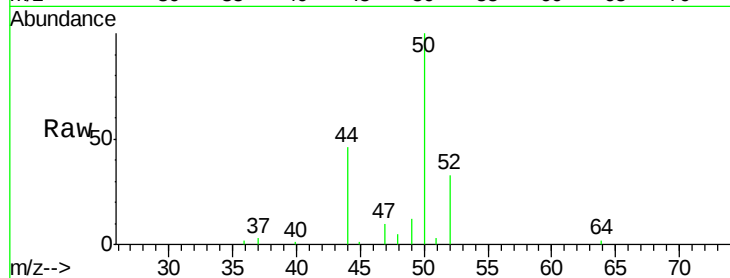
VSTDIC005

Tgt Ion: 50 Resp: 8744

Ion Ratio Lower Upper

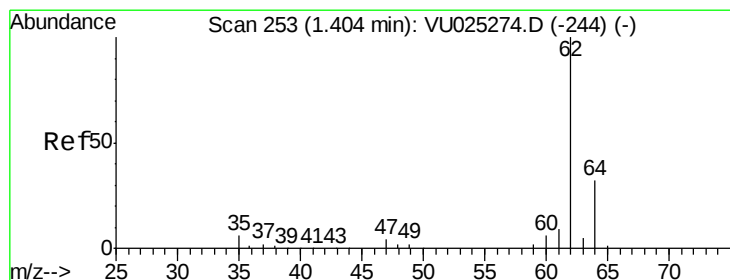
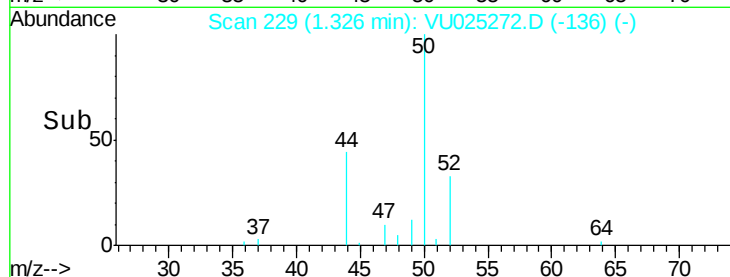
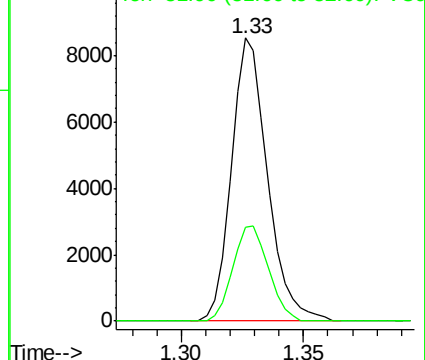
50 100

52 33.0 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: 4.728 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025272.D

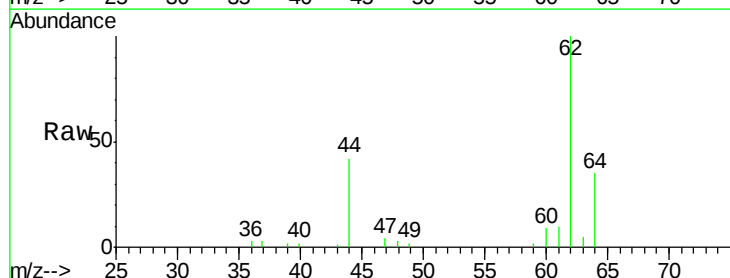
Acq: 09 Jul 2018 14:03

Tgt Ion: 62 Resp: 8419

Ion Ratio Lower Upper

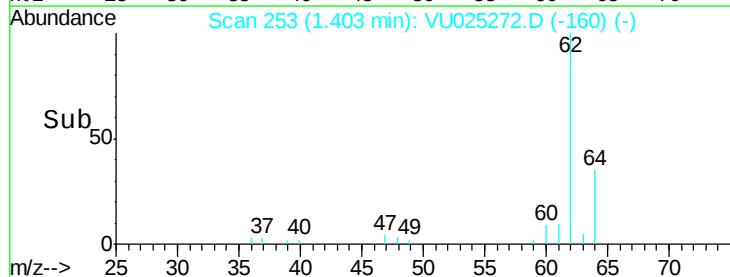
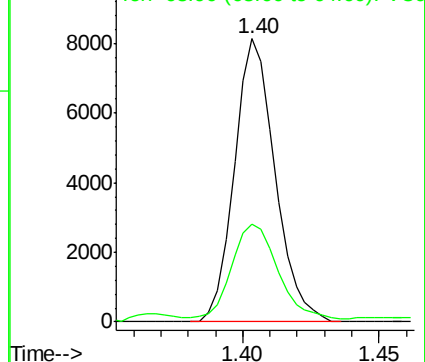
62 100

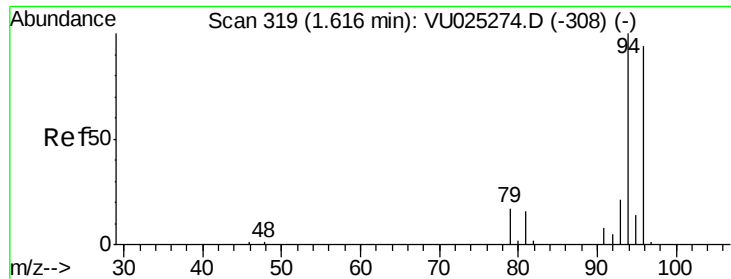
64 33.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

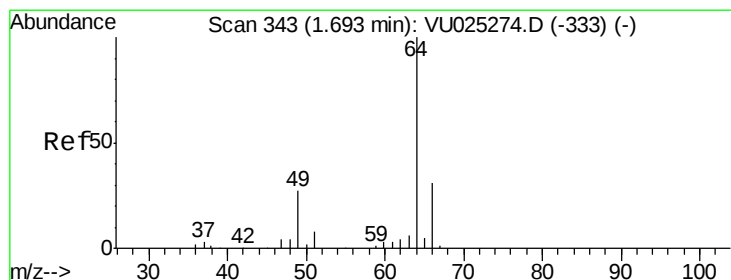
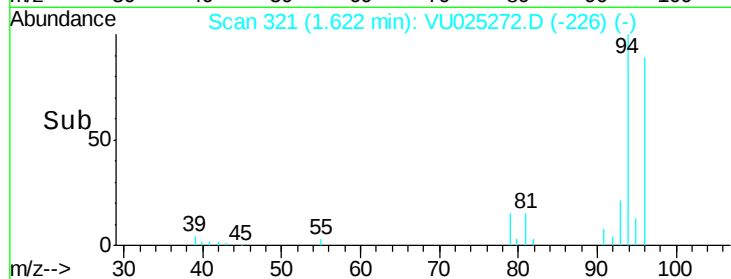
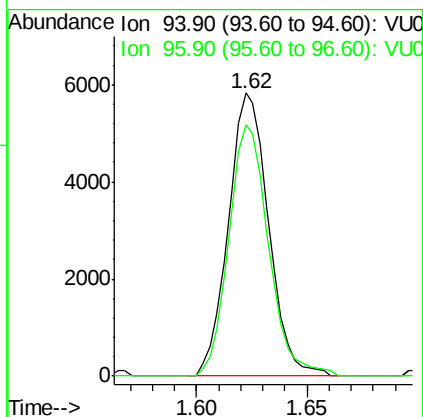
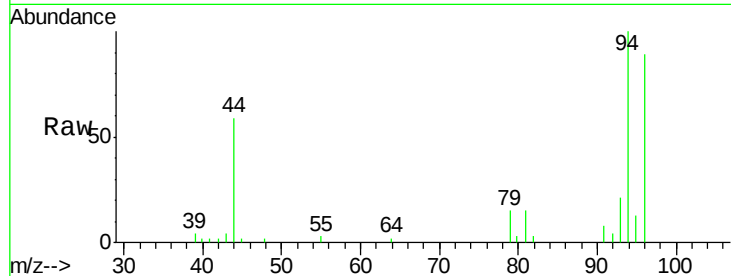




#5
Bromomethane
Concen: 5.682 ug/l
RT: 1.62 min Scan# 321
Delta R.T. 0.01 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

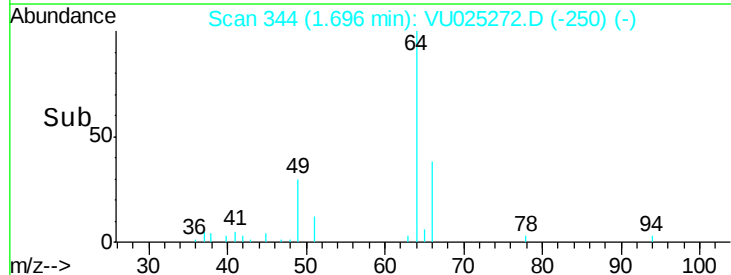
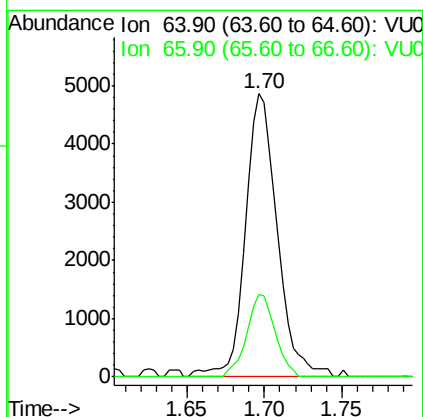
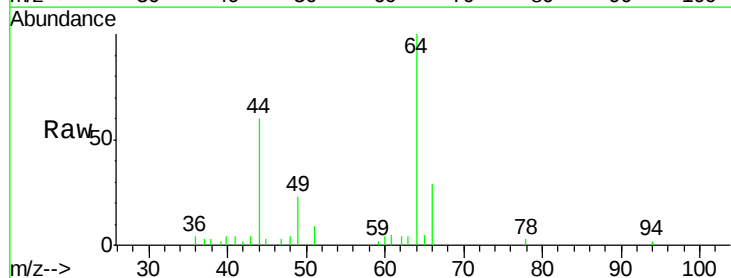
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

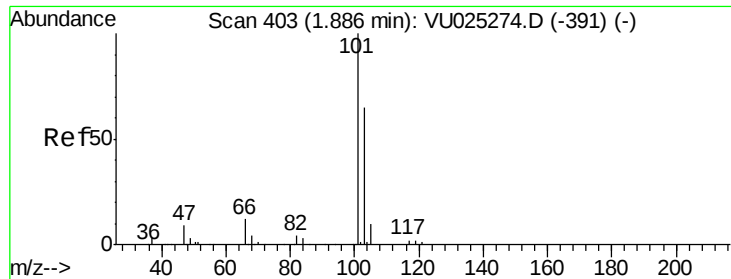
Tgt Ion: 94 Resp: 7391
Ion Ratio Lower Upper
94 100
96 88.7 75.0 112.4



#6
Chloroethane
Concen: 5.651 ug/l
RT: 1.70 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 64 Resp: 7012
Ion Ratio Lower Upper
64 100
66 29.1 25.0 37.4





#7

Trichlorofluoromethane

Concen: 5.035 ug/l

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

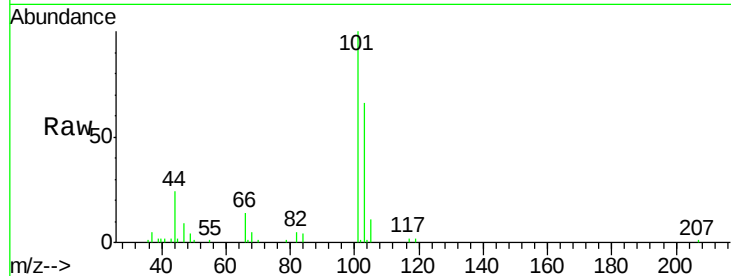
VSTDIC005

Tgt Ion:101 Resp: 14089

Ion Ratio Lower Upper

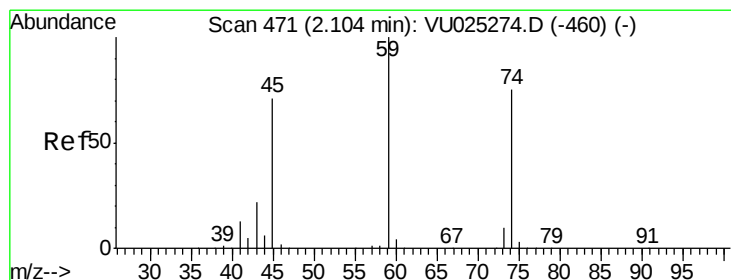
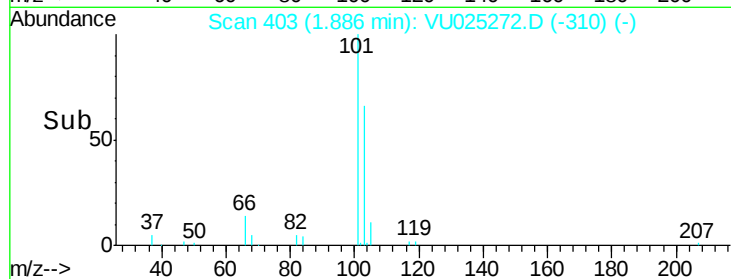
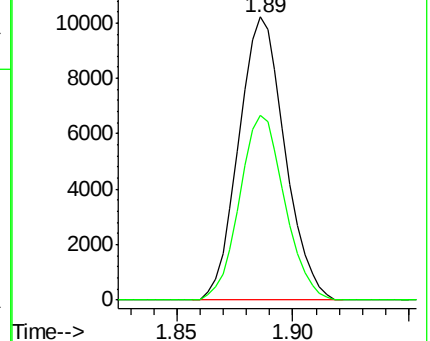
101 100

103 65.5 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: 4.942 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025272.D

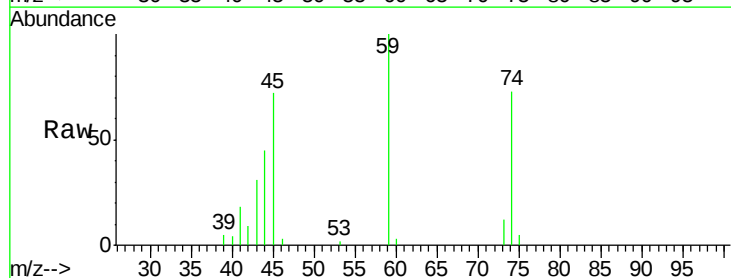
Acq: 09 Jul 2018 14:03

Tgt Ion: 74 Resp: 5190

Ion Ratio Lower Upper

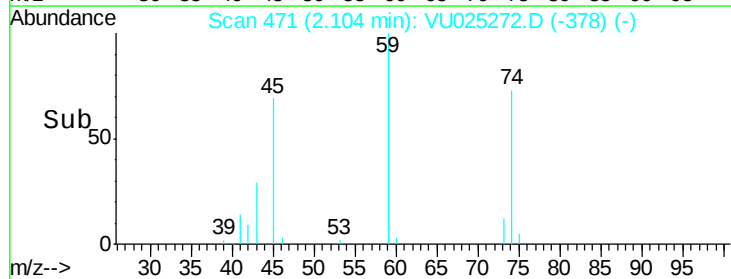
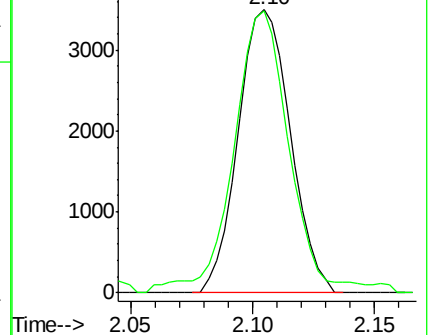
74 100

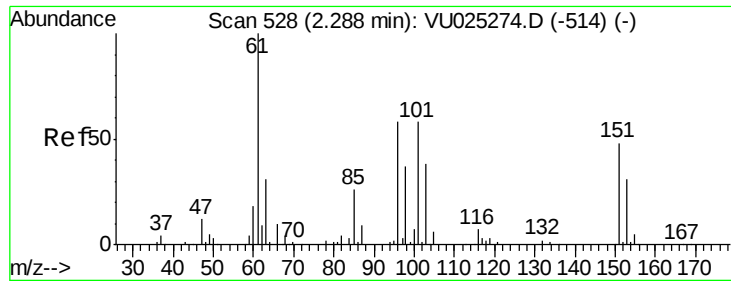
45 106.8 48.3 144.9



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: 4.912 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

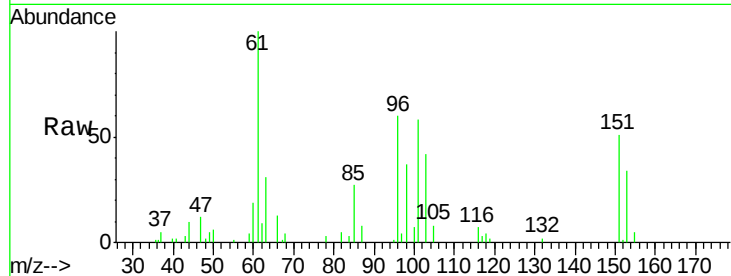
Tgt Ion:101 Resp: 8518

Ion Ratio Lower Upper

101 100

85 46.3 36.0 54.0

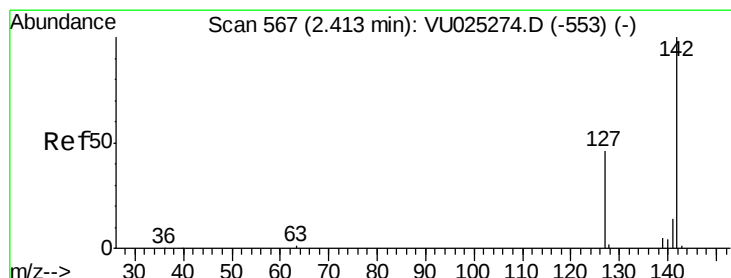
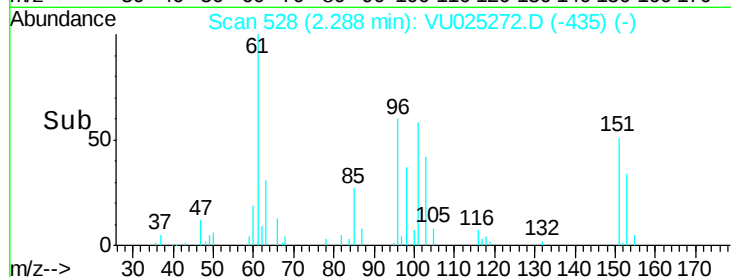
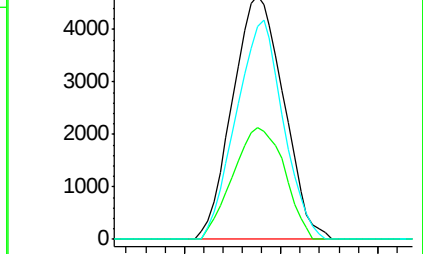
151 83.3 65.6 98.4



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: 3.458 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

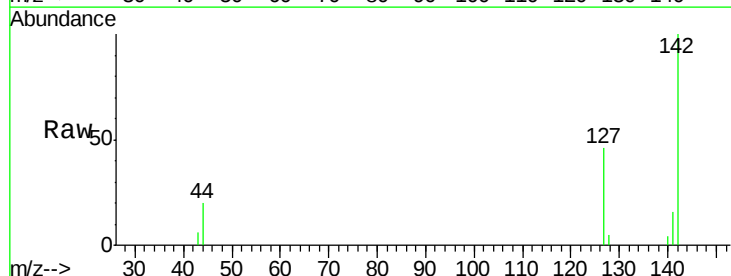
Tgt Ion:142 Resp: 5796

Ion Ratio Lower Upper

142 100

127 47.8 36.5 54.7

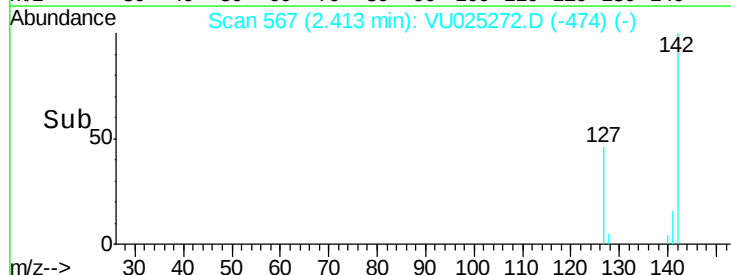
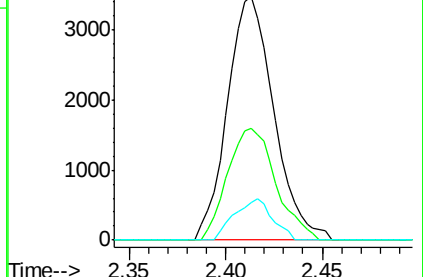
141 13.9 11.4 17.2

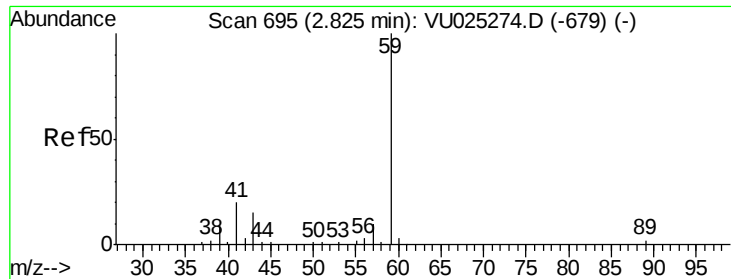


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

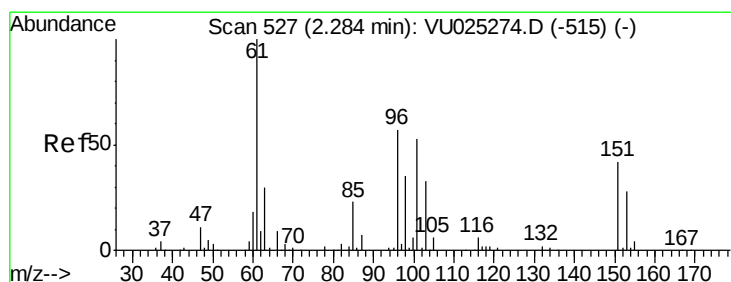
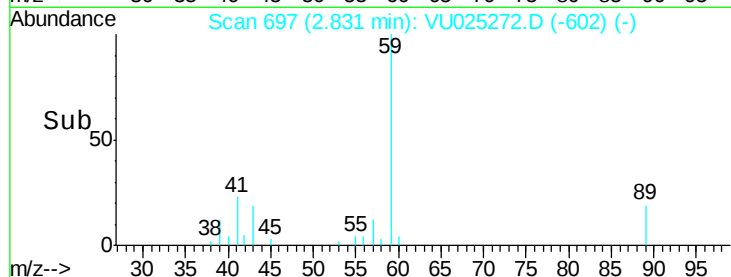
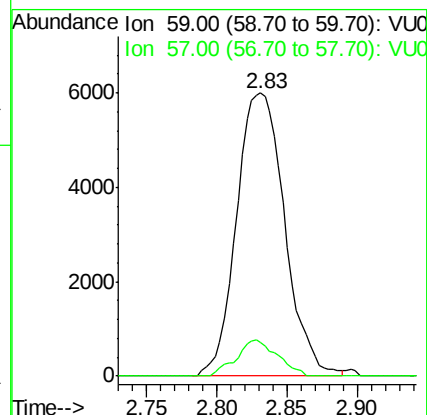
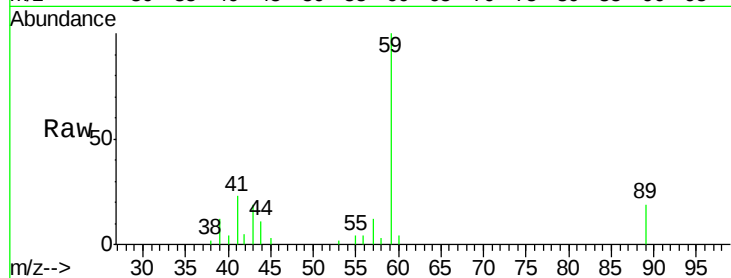




#11
Tert butyl alcohol
Concen: 23.997 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

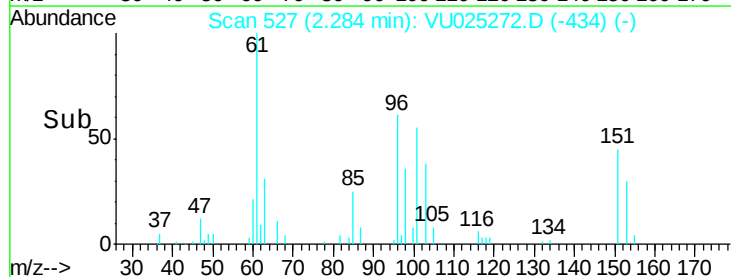
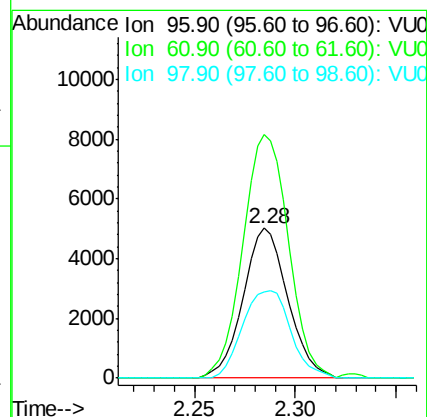
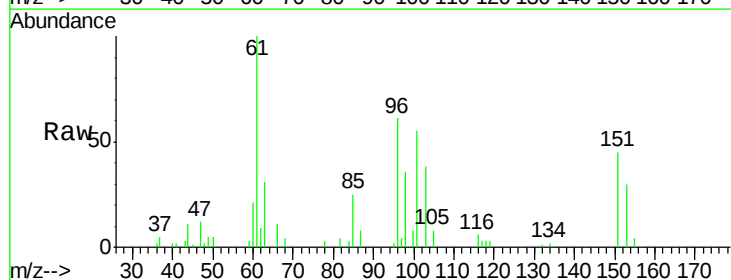
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

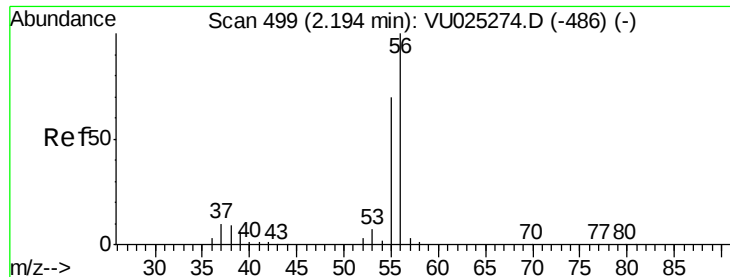
Tgt Ion: 59 Resp: 14307
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 4.900 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 96 Resp: 7777
Ion Ratio Lower Upper
96 100
61 162.8 140.2 210.4
98 57.9 49.3 73.9





#13

Acrolein

Concen: 25.081 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

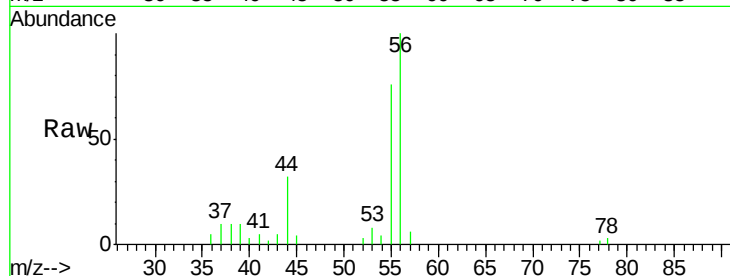
VSTDIC005

Tgt Ion: 56 Resp: 9286

Ion Ratio Lower Upper

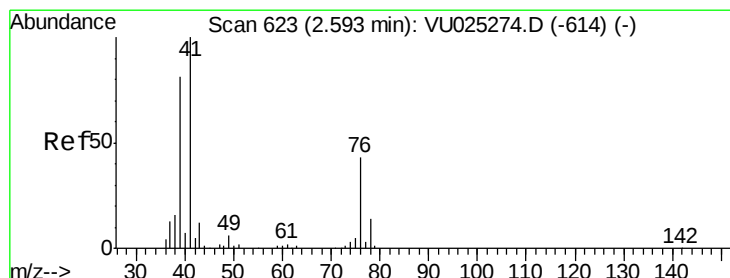
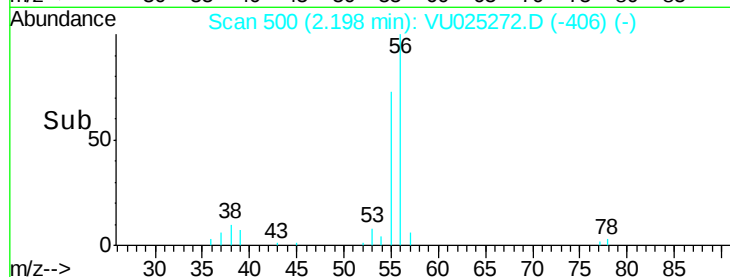
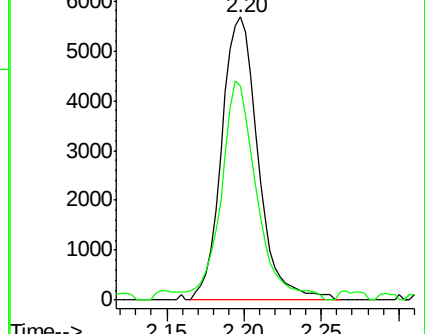
56 100

55 75.4 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025272.D (-486) (-)

Ion 55.00 (54.70 to 55.70): VU025272.D (-486) (-)



#14

Allyl chloride

Concen: 5.328 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

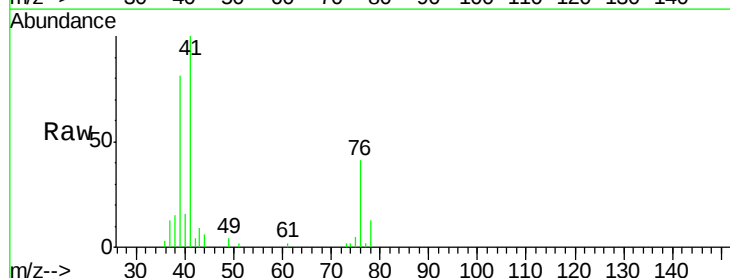
Tgt Ion: 41 Resp: 15336

Ion Ratio Lower Upper

41 100

39 71.5 60.6 91.0

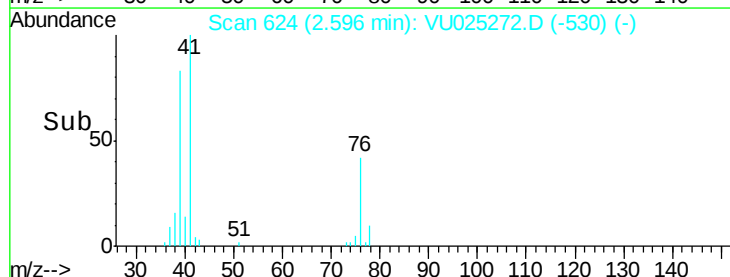
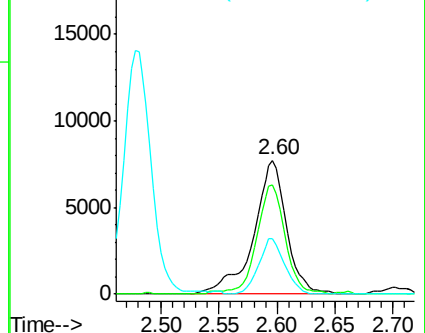
76 32.7 30.5 45.7

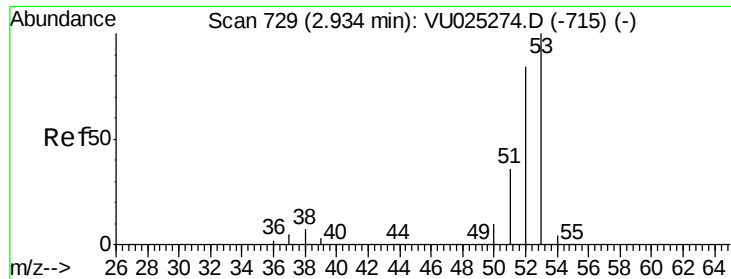


Abundance Ion 41.00 (40.70 to 41.70): VU025272.D (-530) (-)

Ion 39.00 (38.70 to 39.70): VU025272.D (-530) (-)

Ion 75.90 (75.60 to 76.60): VU025272.D (-530) (-)





#15

Acrylonitrile

Concen: 24.799 ug/l

RT: 2.94 min Scan# 731

Delta R.T. 0.01 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

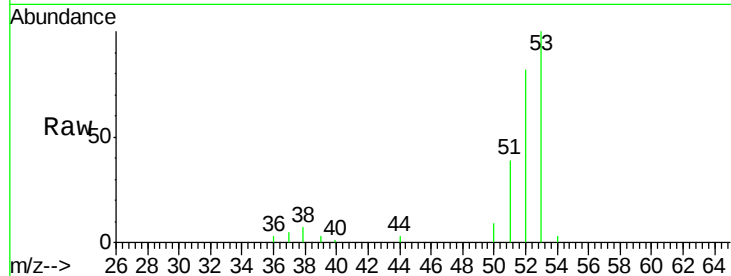
Tgt Ion: 53 Resp: 27055

Ion Ratio Lower Upper

53 100

52 80.4 66.6 99.8

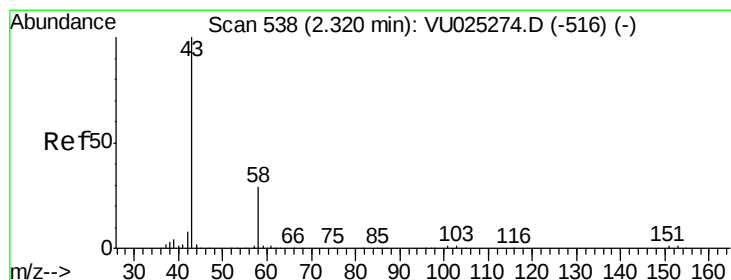
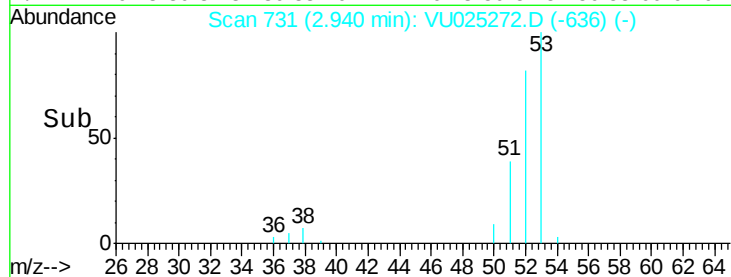
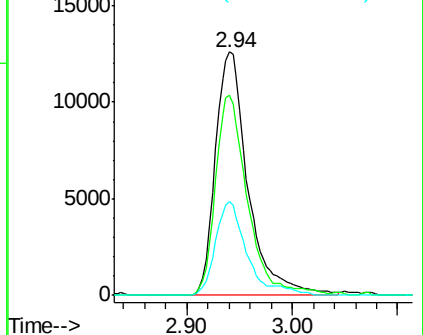
51 37.3 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 24.800 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025272.D

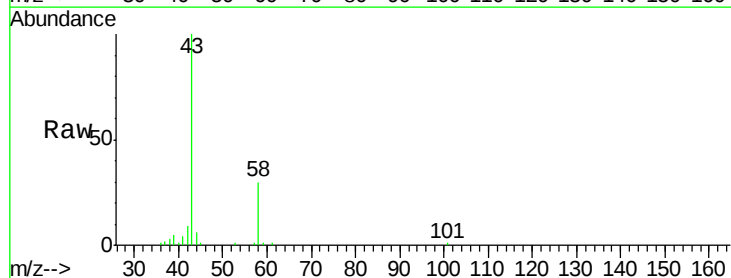
Acq: 09 Jul 2018 14:03

Tgt Ion: 43 Resp: 32575

Ion Ratio Lower Upper

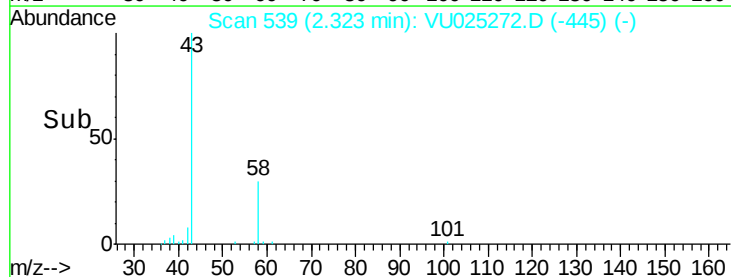
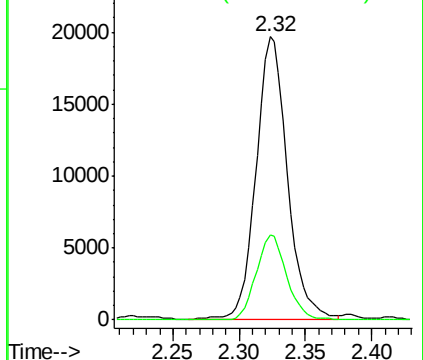
43 100

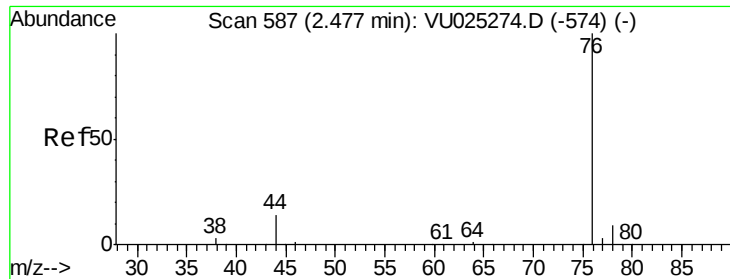
58 29.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

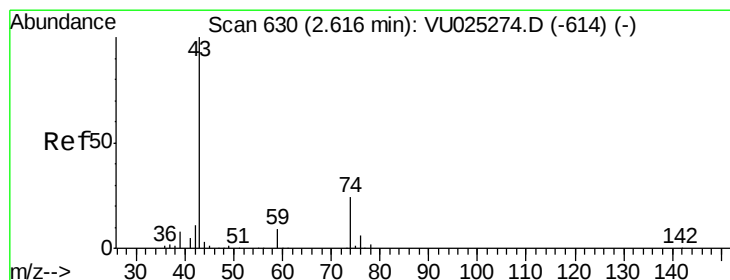
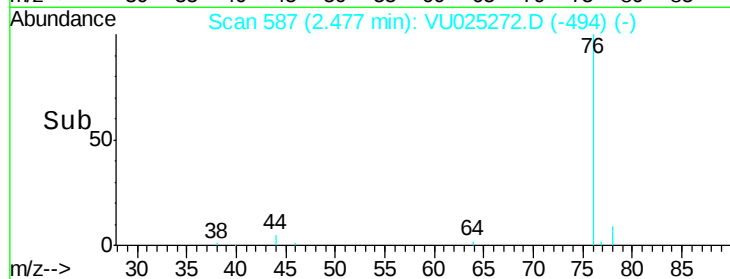
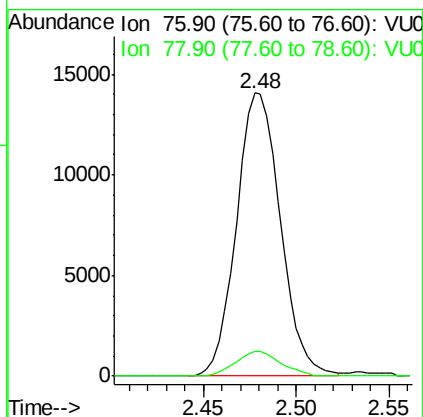
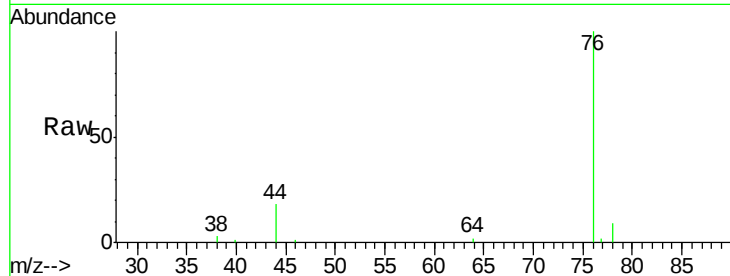




#17
Carbon Disulfide
Concen: 4.710 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

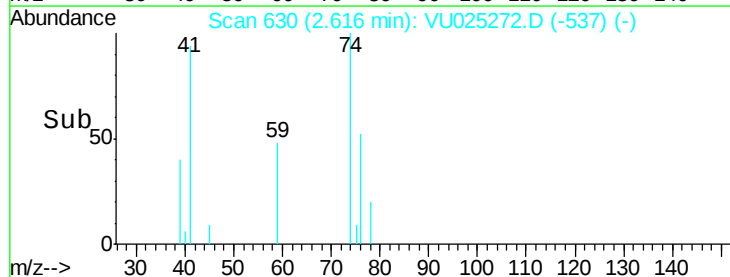
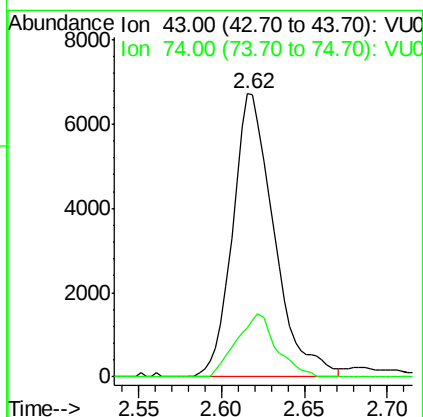
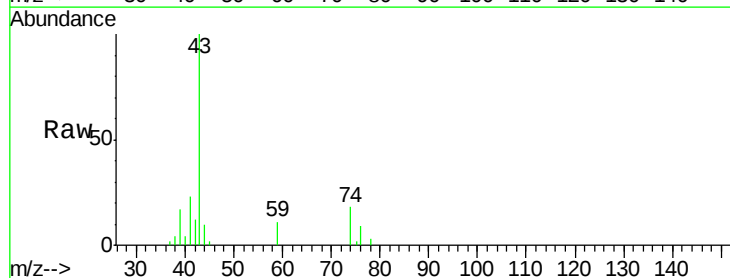
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

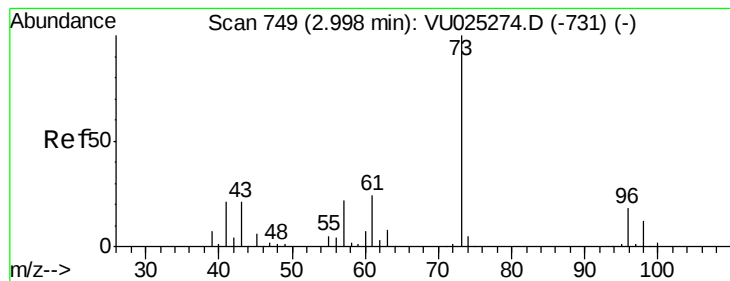
Tgt Ion: 76 Resp: 23153
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 4.698 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 43 Resp: 11699
Ion Ratio Lower Upper
43 100
74 21.3 18.5 27.7



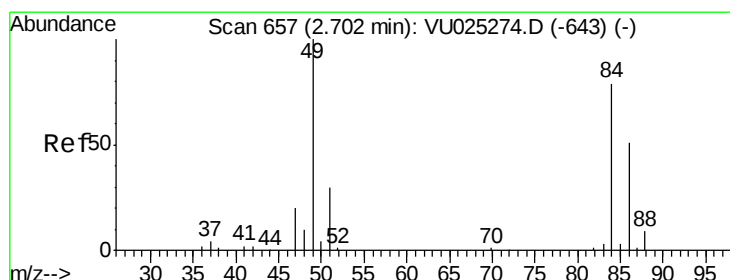
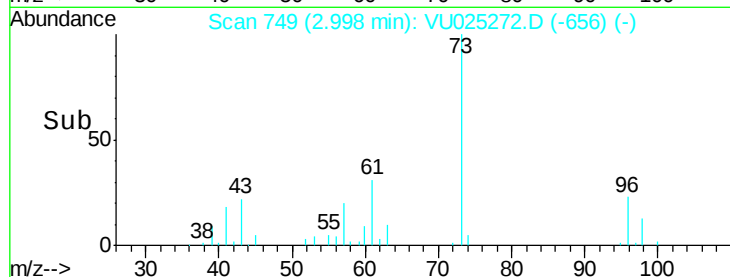
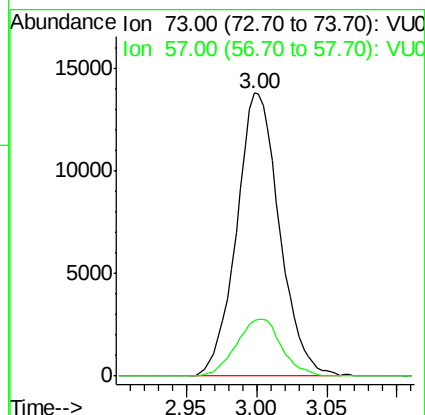
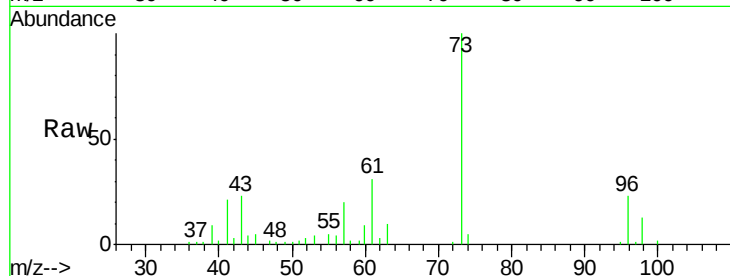


#19

Methyl tert-butyl Ether
Concen: 4.873 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

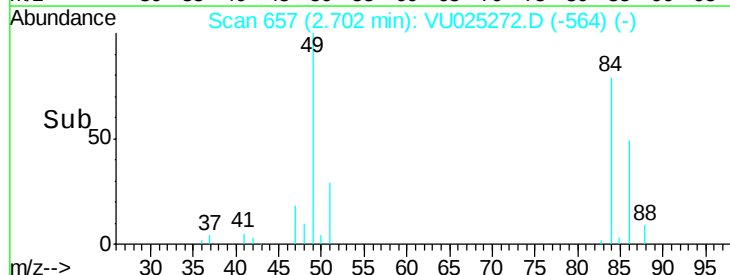
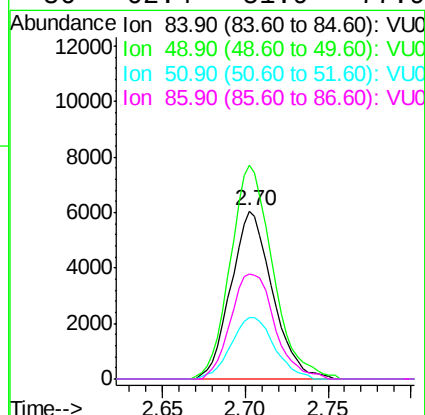
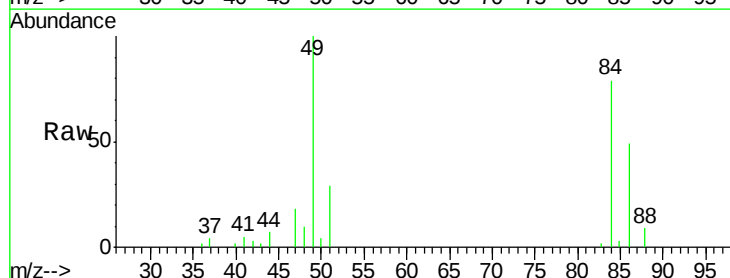
Tgt Ion: 73 Resp: 29415
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2

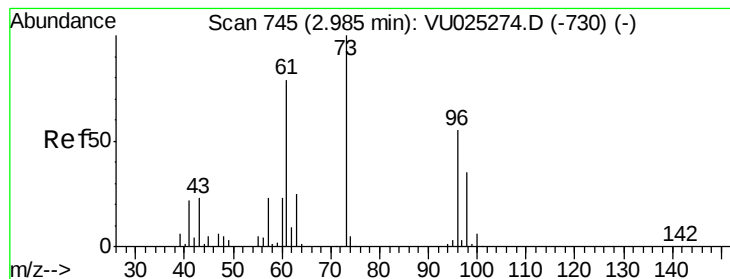


#20

Methylene Chloride
Concen: 4.889 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 84 Resp: 10552
Ion Ratio Lower Upper
84 100
49 127.4 101.8 152.6
51 36.6 30.8 46.2
86 62.4 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 4.934 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

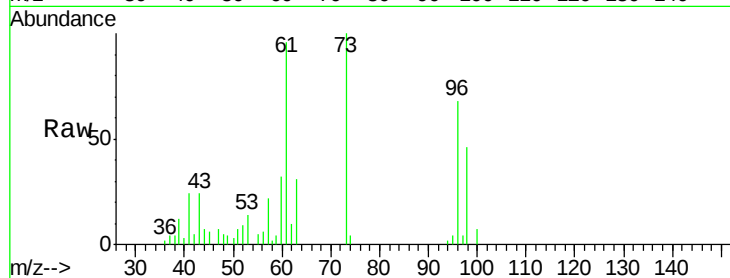
Tgt Ion: 96 Resp: 8948

Ion Ratio Lower Upper

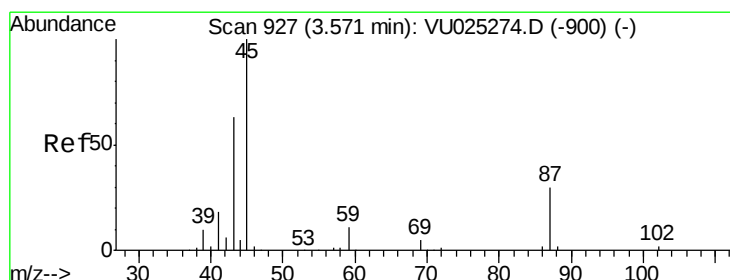
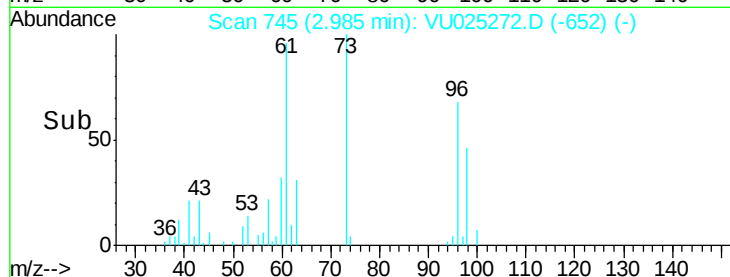
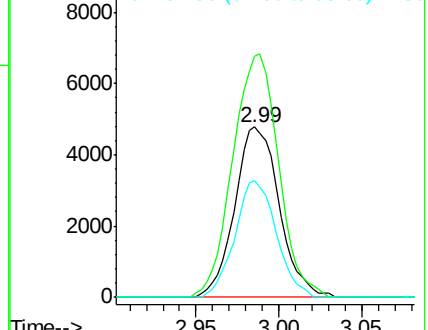
96 100

61 141.7 114.5 171.7

98 68.4 50.5 75.7



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



#22

Diisopropyl ether

Concen: 4.956 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Tgt Ion: 45 Resp: 29132

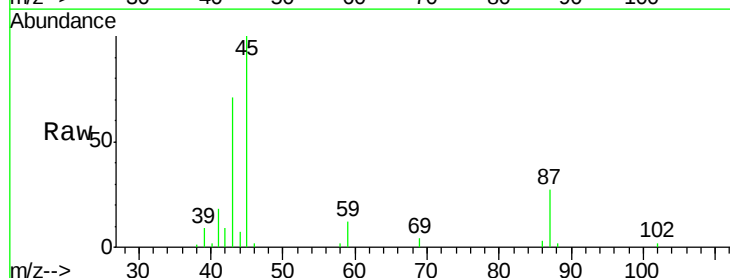
Ion Ratio Lower Upper

45 100

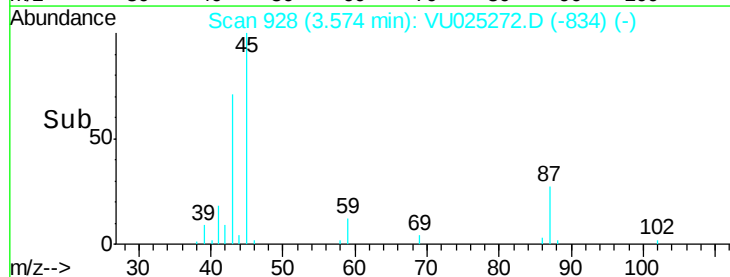
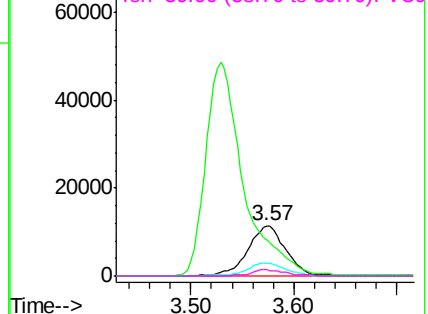
43 67.7 50.9 76.3

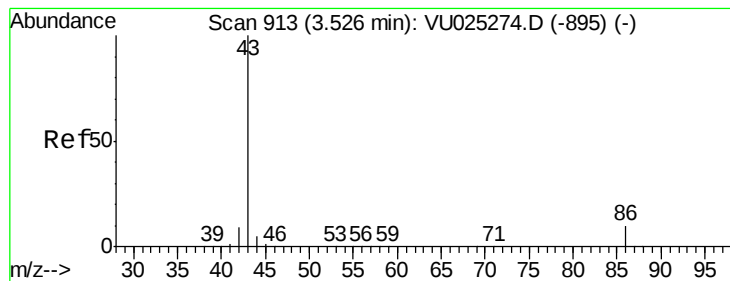
87 26.6 23.8 35.8

59 12.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 24.131 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

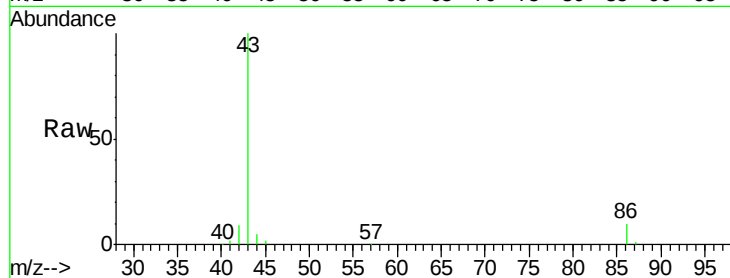
VSTDIC005

Tgt Ion: 43 Resp: 124425

Ion Ratio Lower Upper

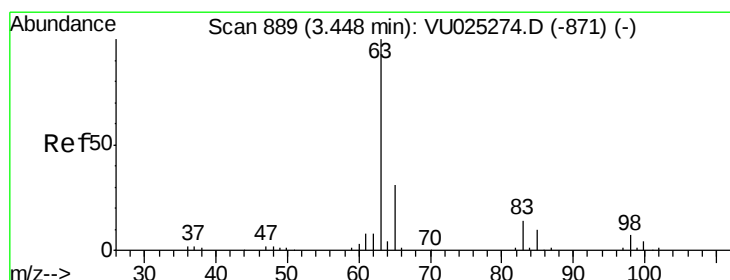
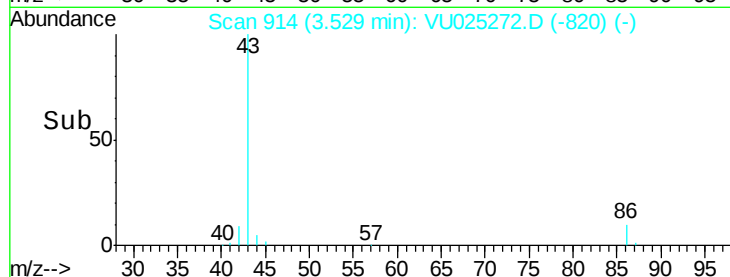
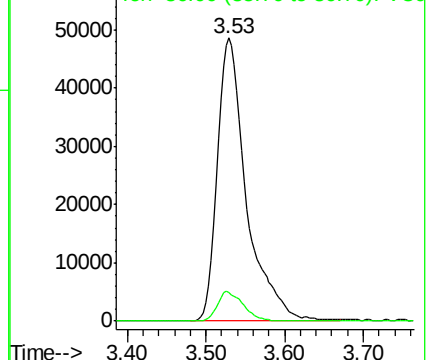
43 100

86 10.0 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: 4.993 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

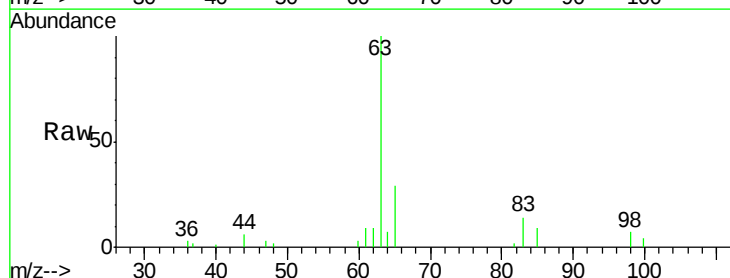
Tgt Ion: 63 Resp: 16552

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

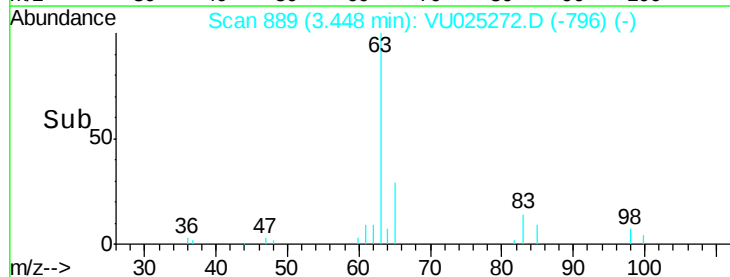
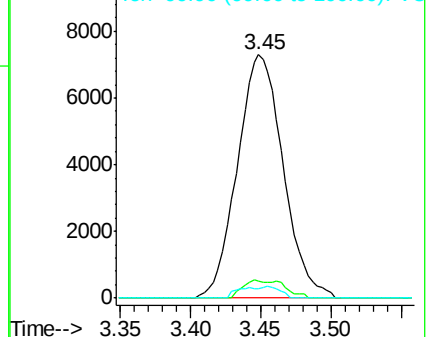
100 3.7 2.0 6.0

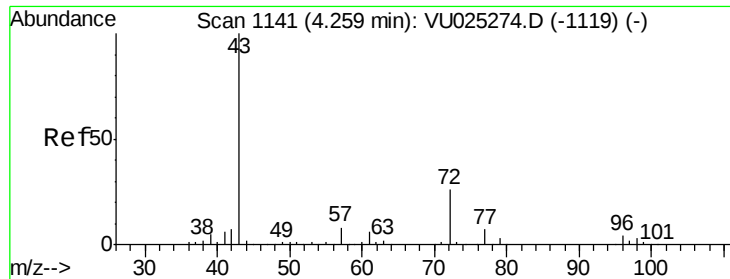


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 24.255 ug/l

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

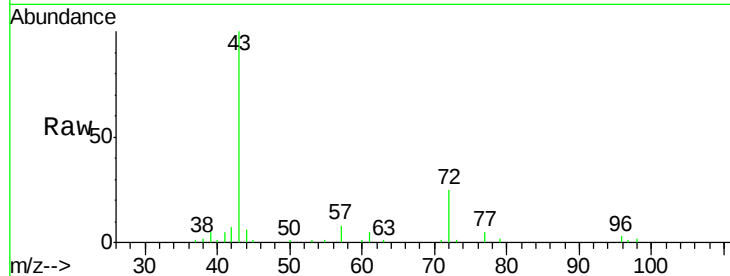
VSTDIC005

Tgt Ion: 43 Resp: 40894

Ion Ratio Lower Upper

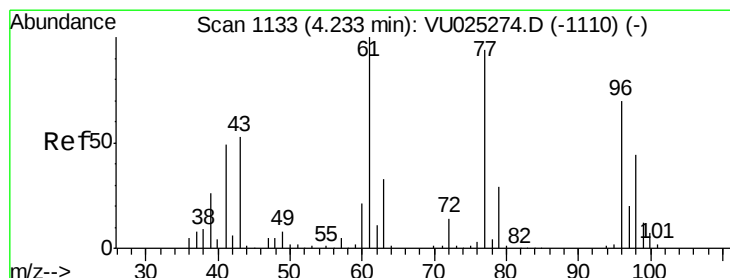
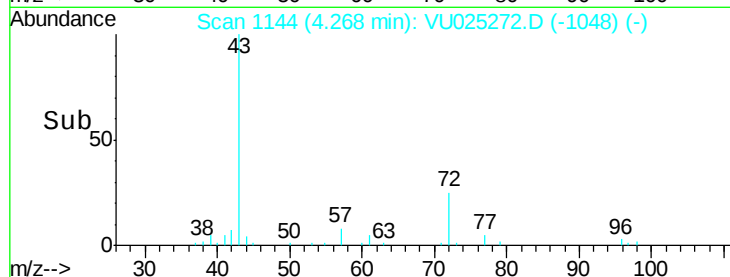
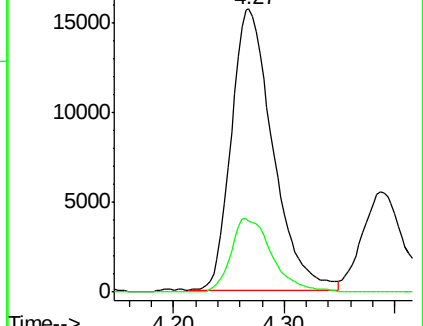
43 100

72 25.3 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: 4.958 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025272.D

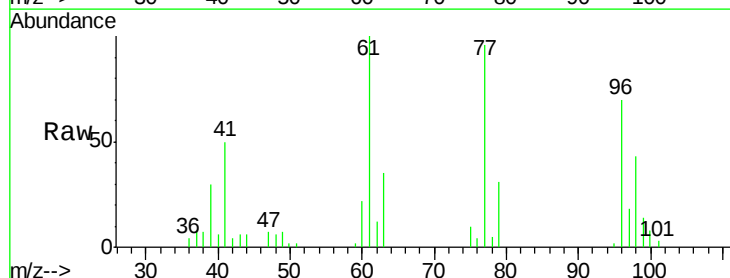
Acq: 09 Jul 2018 14:03

Tgt Ion: 77 Resp: 15802

Ion Ratio Lower Upper

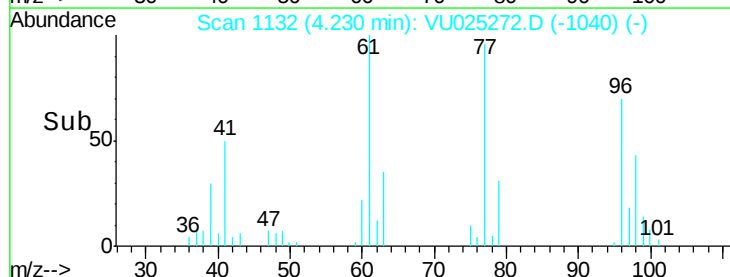
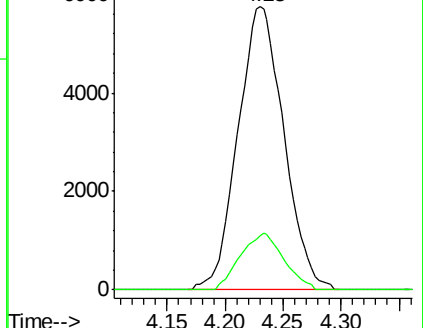
77 100

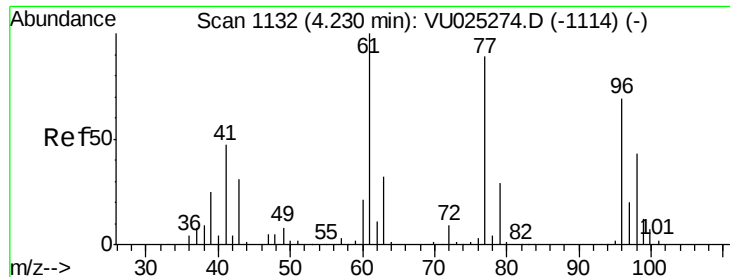
97 19.0 11.2 33.5



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: 4.879 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

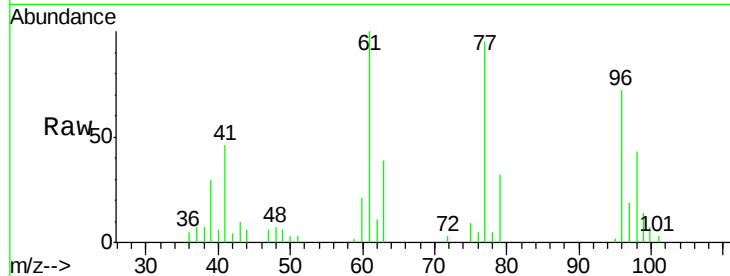
Tgt Ion: 96 Resp: 10238

Ion Ratio Lower Upper

96 100

61 150.4 0.0 299.8

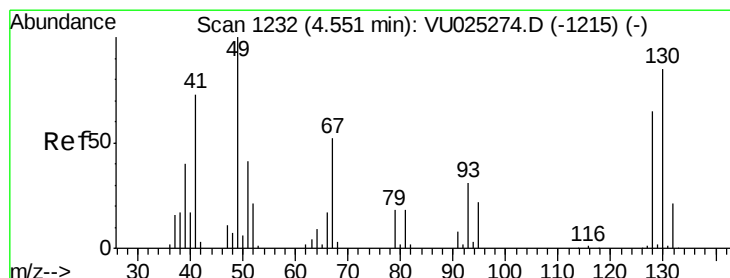
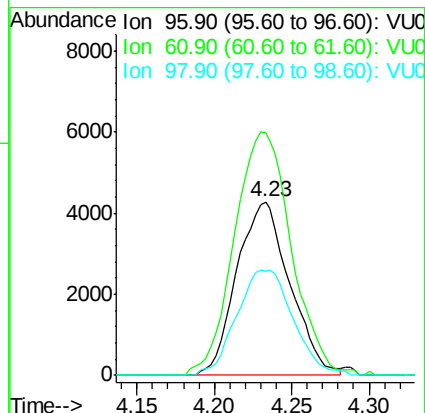
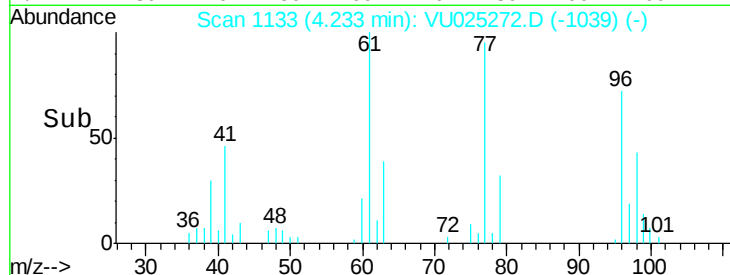
98 64.4 0.0 128.6



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: 5.148 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

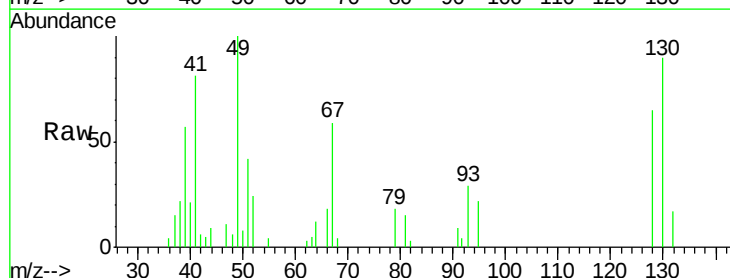
Tgt Ion: 49 Resp: 8241

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

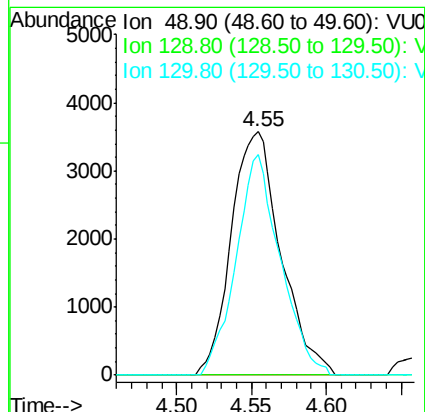
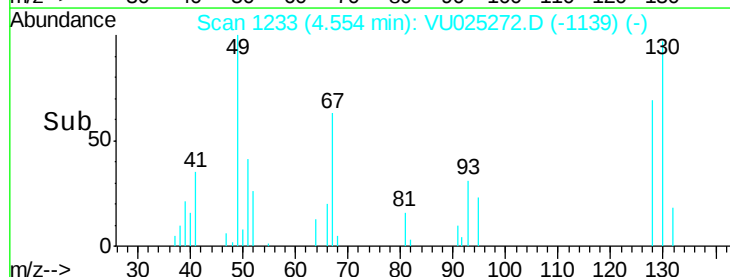
130 80.8 68.6 102.8

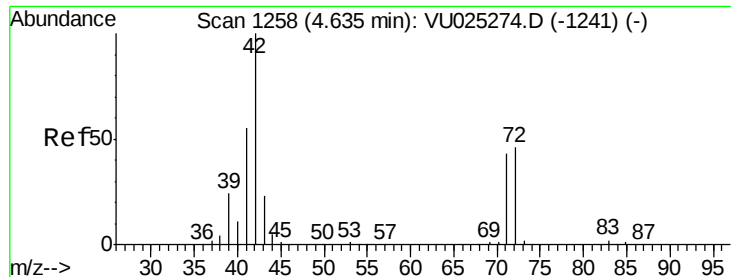


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

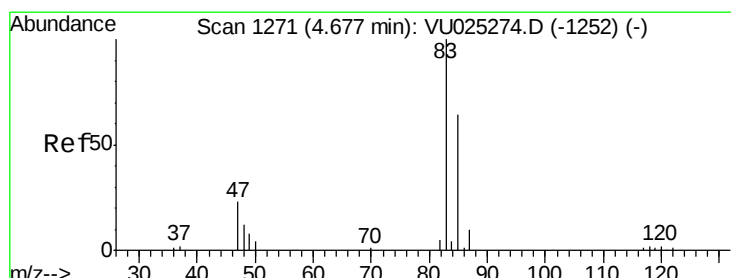
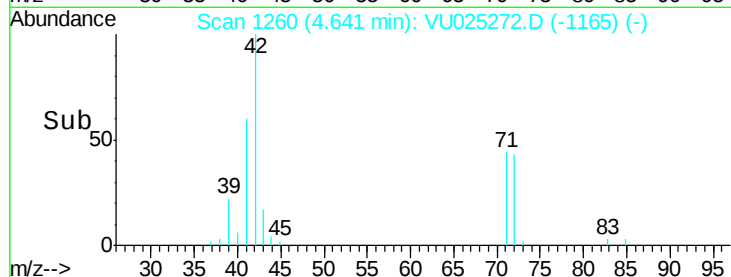
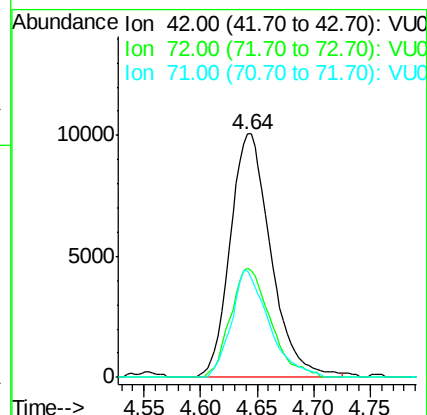
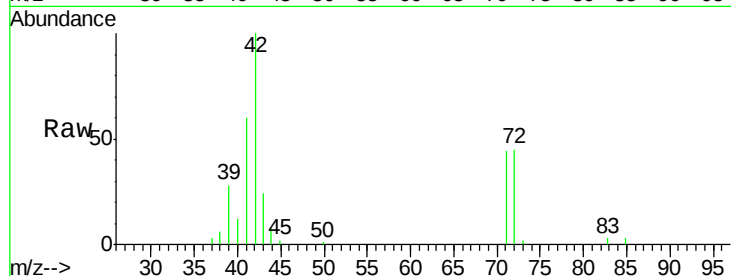




#29
Tetrahydrofuran
Concen: 24.963 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

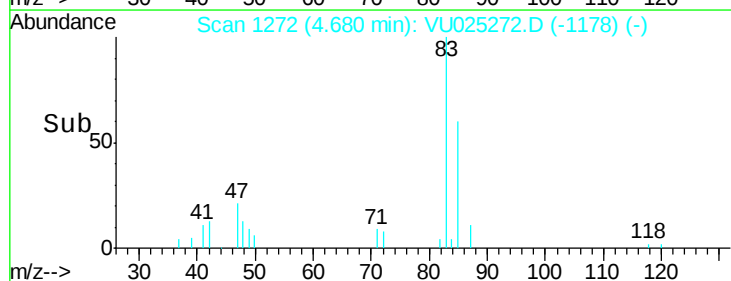
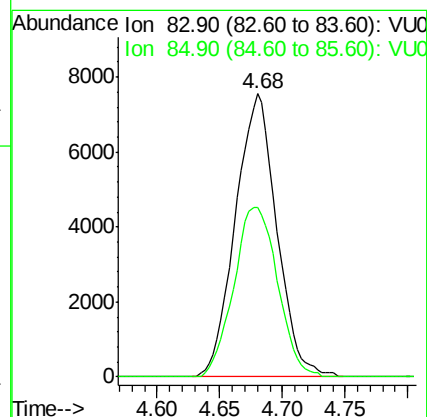
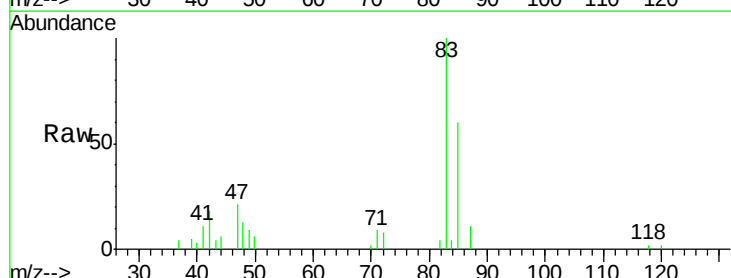
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

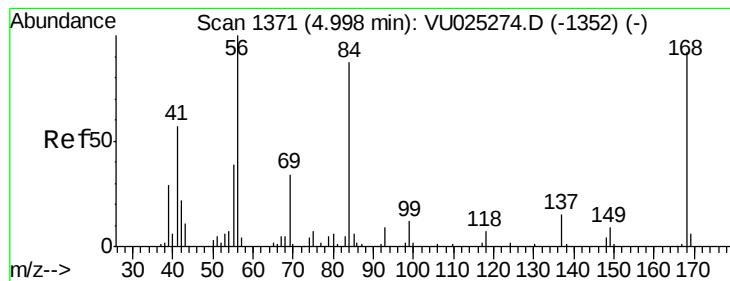
Tgt Ion: 42 Resp: 25244
Ion Ratio Lower Upper
42 100
72 44.0 36.7 55.1
71 40.4 33.9 50.9



#30
Chloroform
Concen: 4.930 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 83 Resp: 17306
Ion Ratio Lower Upper
83 100
85 59.7 51.5 77.3





#31

Cyclohexane

Concen: 4.789 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

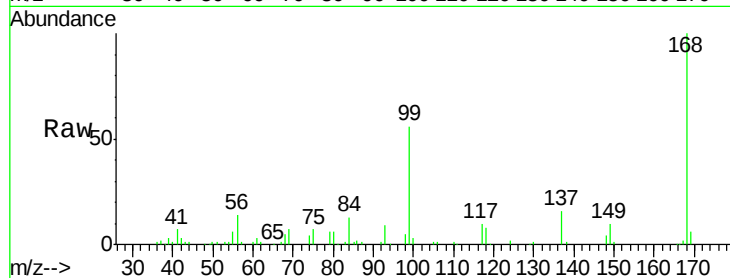
Tgt Ion: 56 Resp: 17637

Ion Ratio Lower Upper

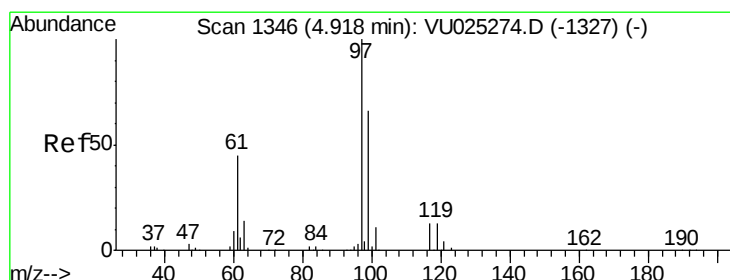
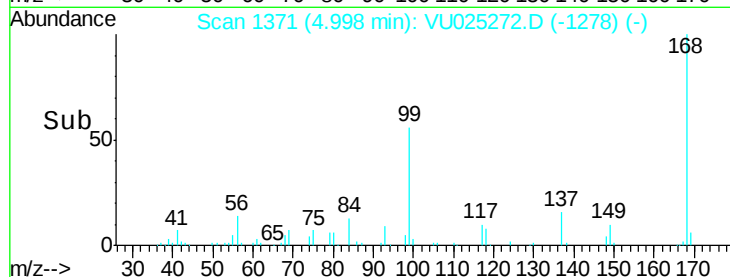
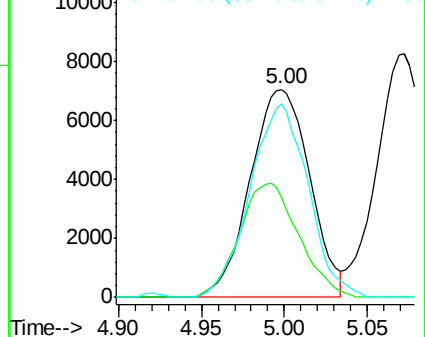
56 100

69 48.2 26.8 40.2#

84 93.1 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: 4.580 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

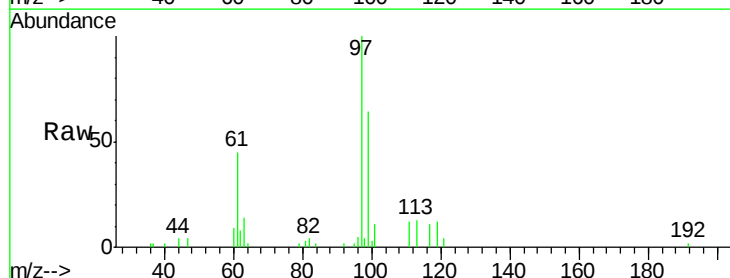
Tgt Ion: 97 Resp: 14573

Ion Ratio Lower Upper

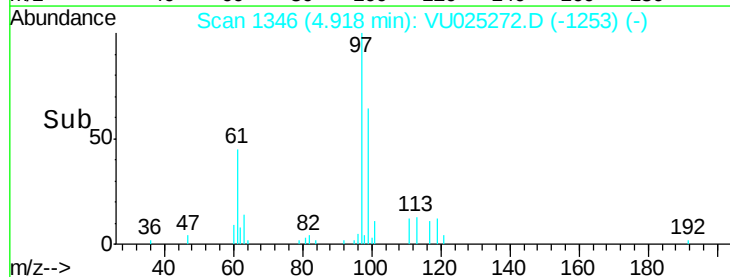
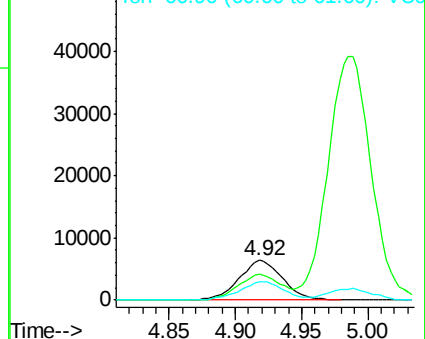
97 100

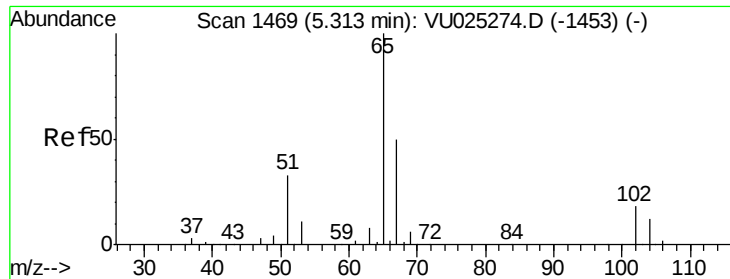
99 64.4 50.8 76.2

61 47.5 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

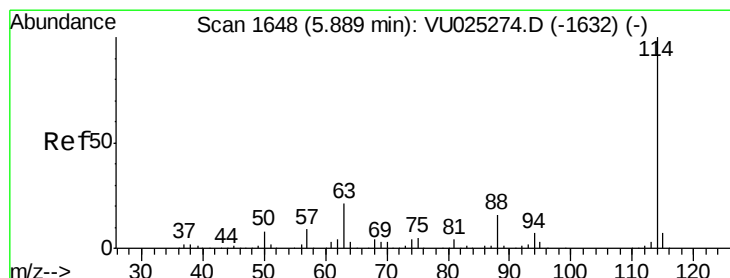
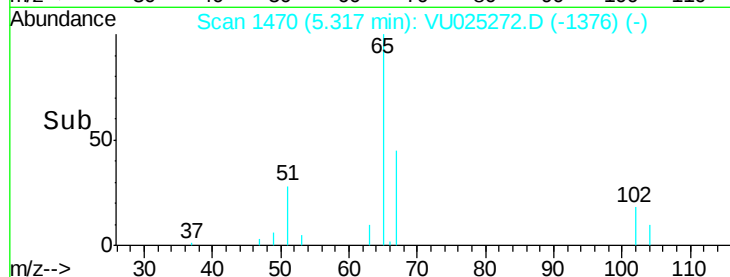
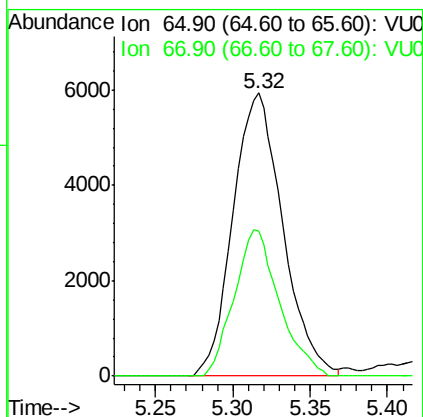
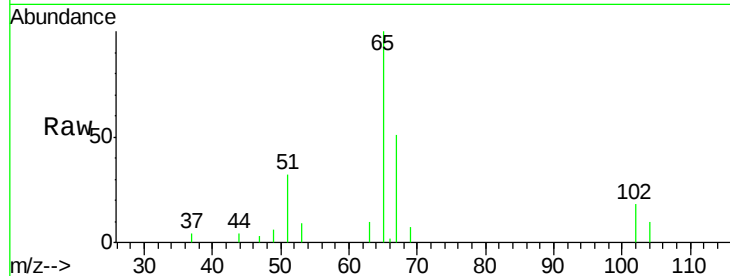




#33
 1,2-Dichloroethane-d4
 Concen: 5.457 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

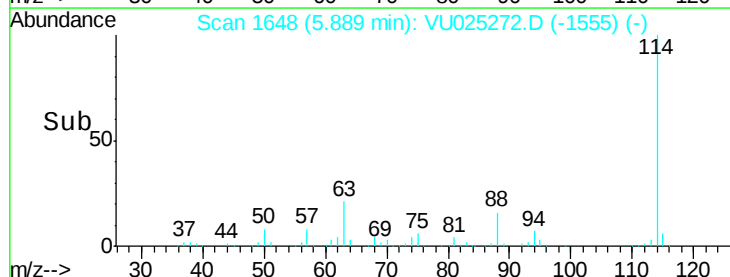
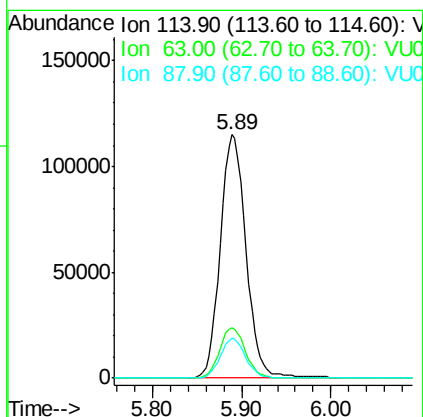
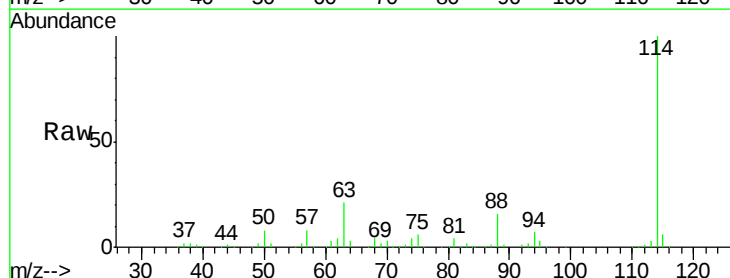
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

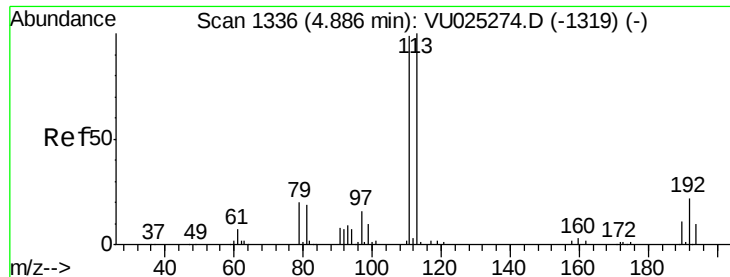
Tgt Ion: 65 Resp: 13274
 Ion Ratio Lower Upper
 65 100
 67 46.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 114 Resp: 230029
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 16.2 0.0 32.4

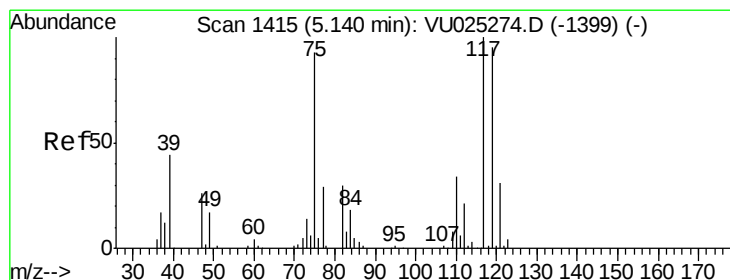
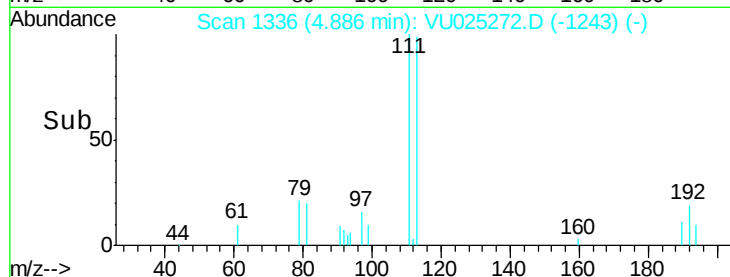
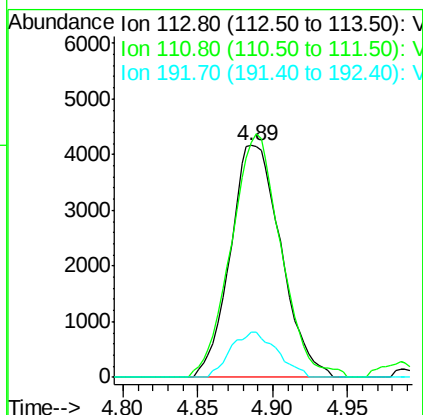
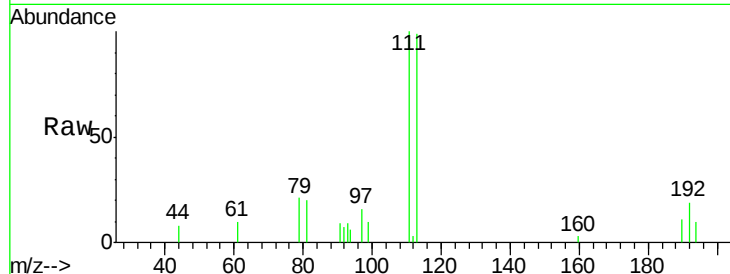




#35
 Dibromofluoromethane
 Concen: 5.070 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

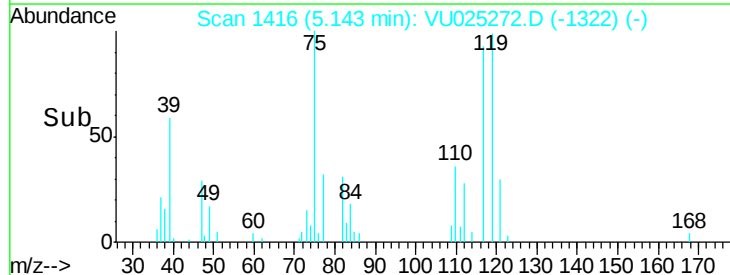
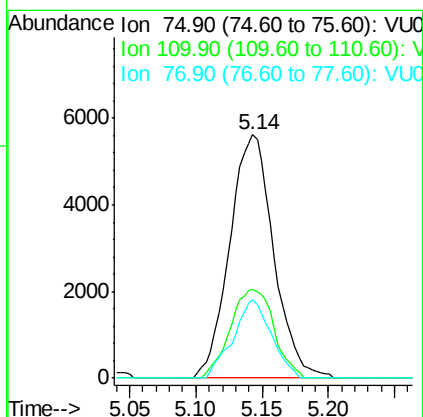
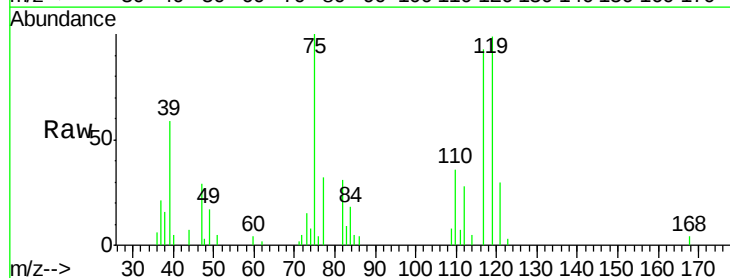
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

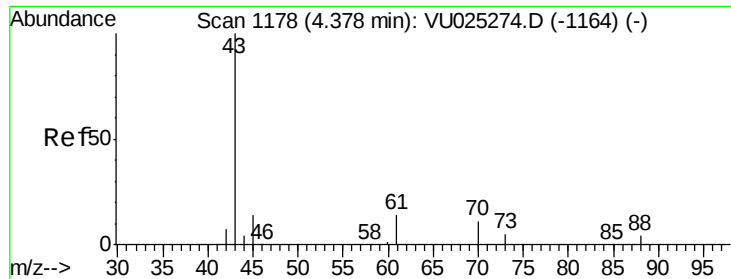
Tgt Ion: 113 Resp: 9838
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 17.8 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 5.053 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 75 Resp: 12923
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.6 52.9
 77 28.0 24.4 36.6

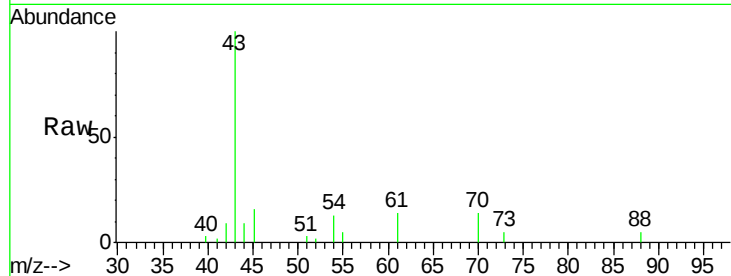




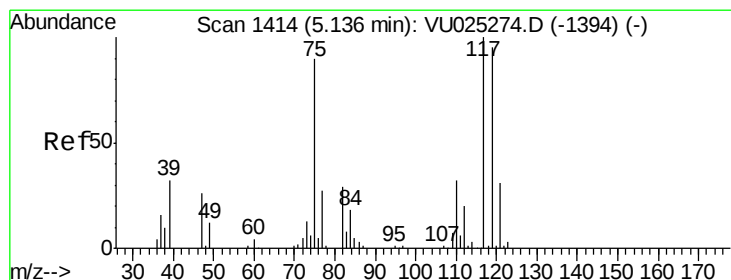
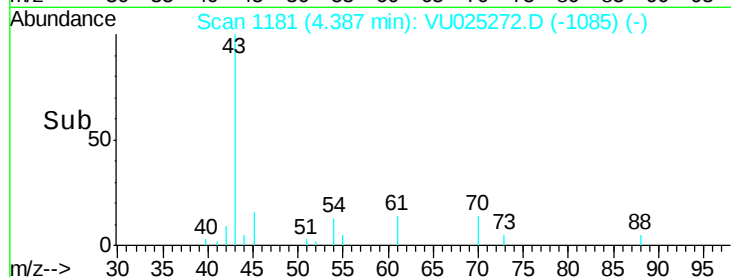
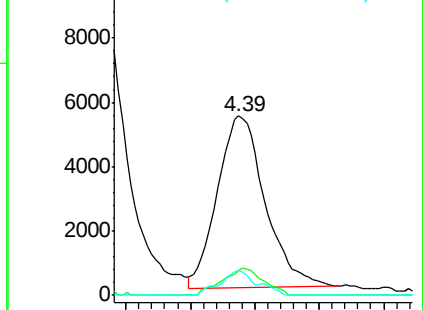
#37
 Ethyl Acetate
 Concen: 4.816 ug/l
 RT: 4.39 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 13736
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.7 16.1
 70 11.2 8.4 12.6

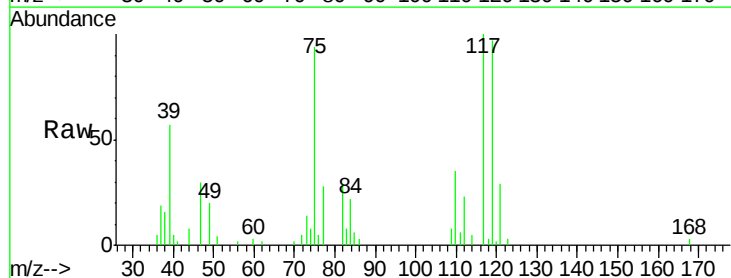


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

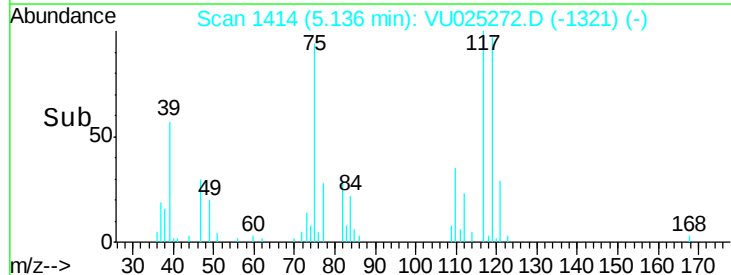
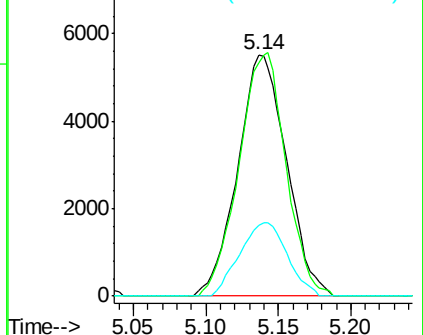


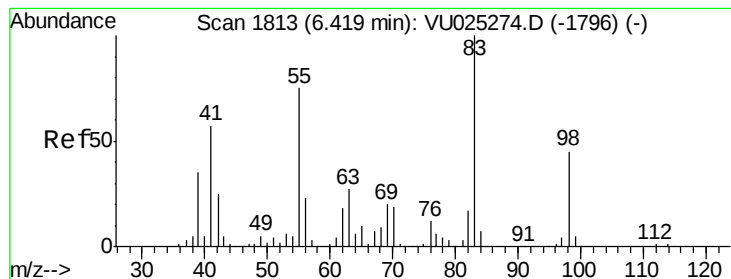
#38
 Carbon Tetrachloride
 Concen: 4.692 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 117 Resp: 12914
 Ion Ratio Lower Upper
 117 100
 119 96.5 75.7 113.5
 121 29.3 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 4.850 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

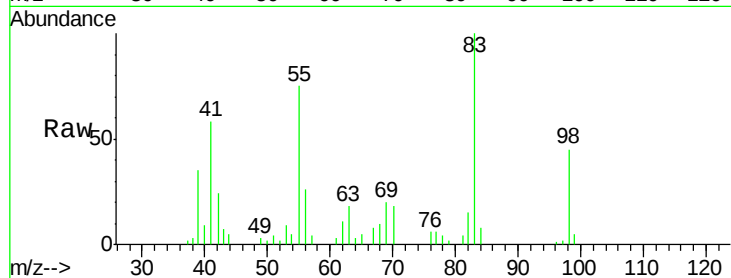
Tgt Ion: 83 Resp: 15471

Ion Ratio Lower Upper

83 100

55 75.1 60.0 90.0

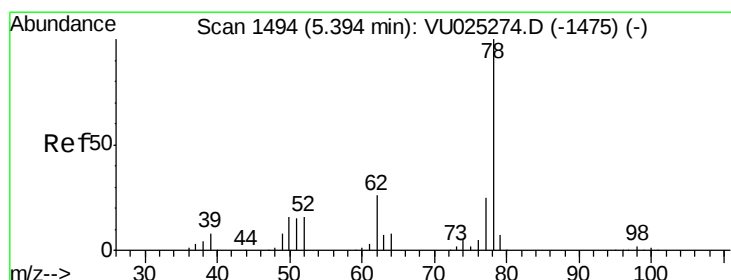
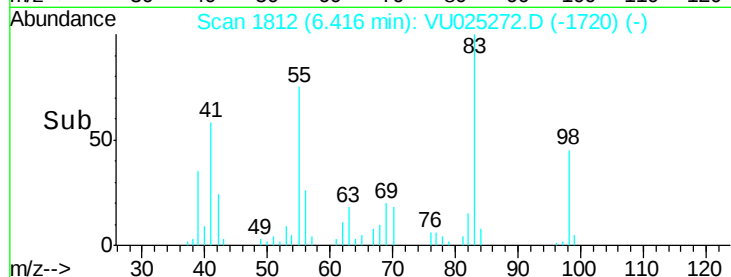
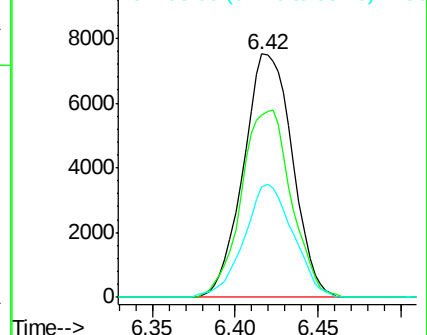
98 45.2 36.1 54.1



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: 5.058 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025272.D

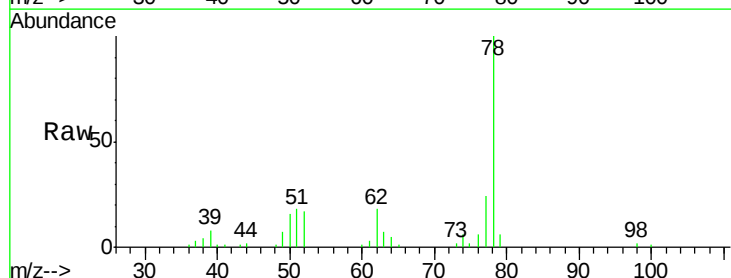
Acq: 09 Jul 2018 14:03

Tgt Ion: 78 Resp: 37275

Ion Ratio Lower Upper

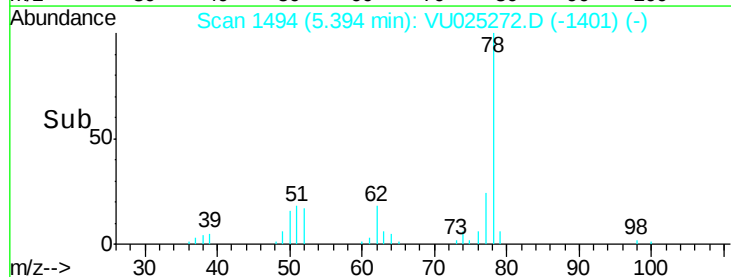
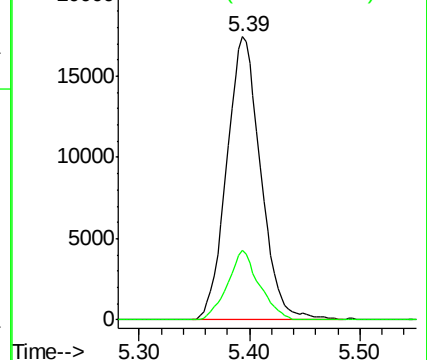
78 100

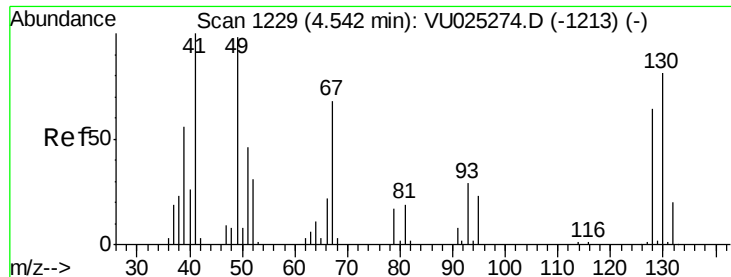
77 24.4 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 5.021 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 7940

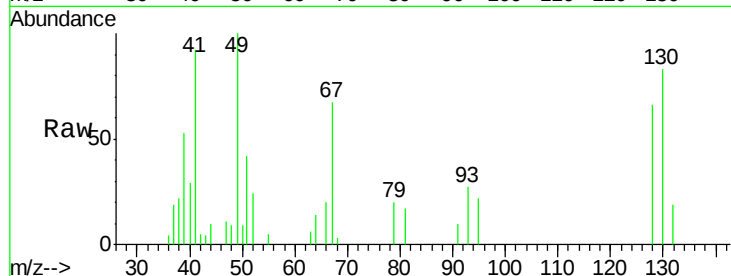
Ion Ratio Lower Upper

41 100

39 60.0 44.4 66.6

67 69.7 56.0 84.0

52 12.0 24.6 36.8#

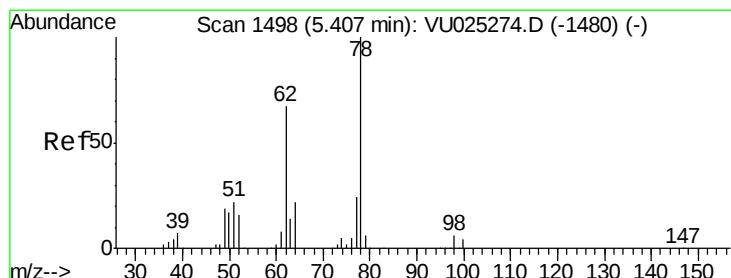
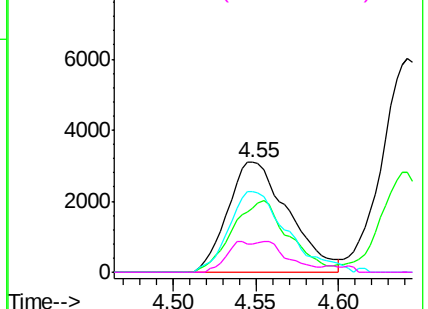
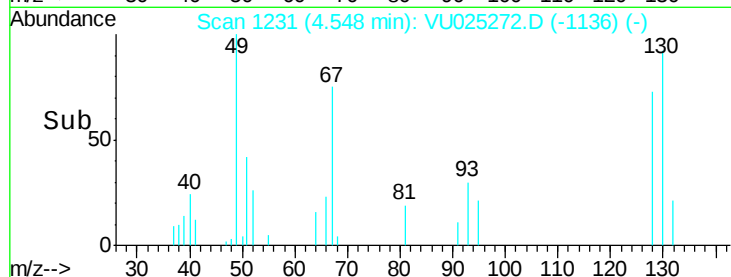


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 4.958 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025272.D

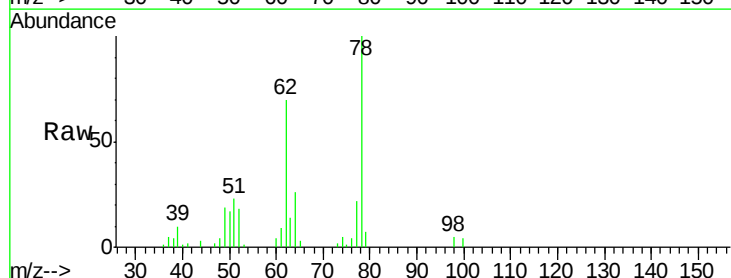
Acq: 09 Jul 2018 14:03

Tgt Ion: 62 Resp: 14523

Ion Ratio Lower Upper

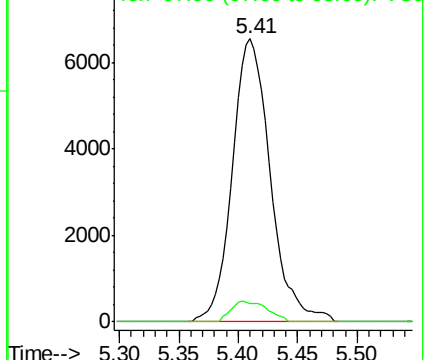
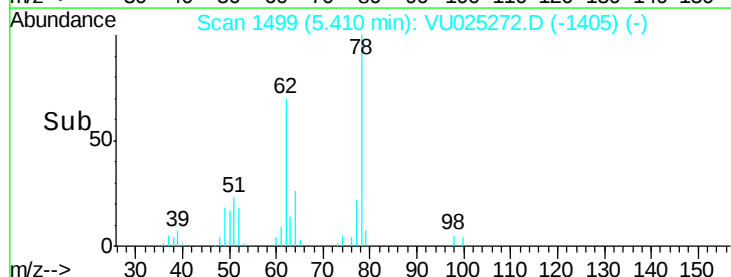
62 100

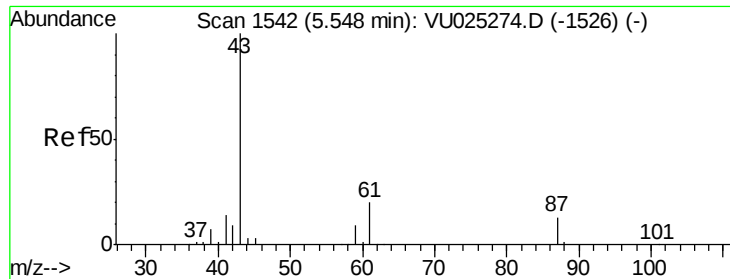
98 7.0 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 4.918 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

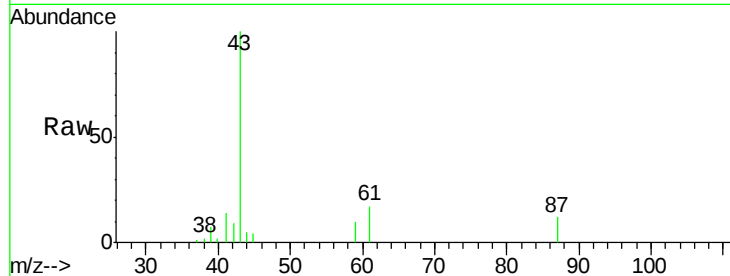
Tgt Ion: 43 Resp: 22463

Ion Ratio Lower Upper

43 100

61 17.7 15.5 23.3

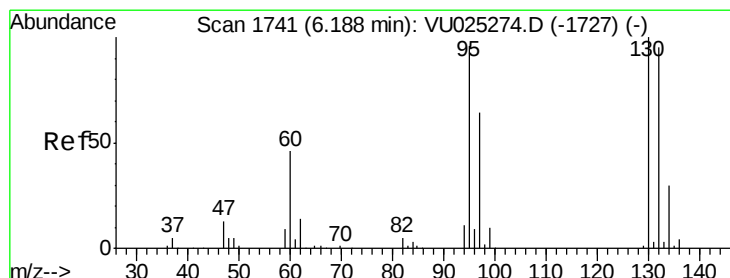
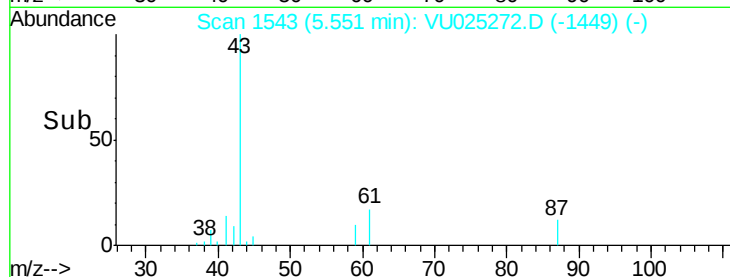
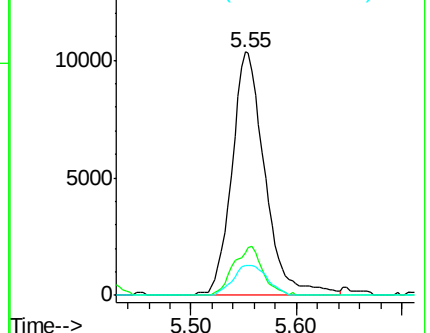
87 12.7 10.6 16.0



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: 4.714 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025272.D

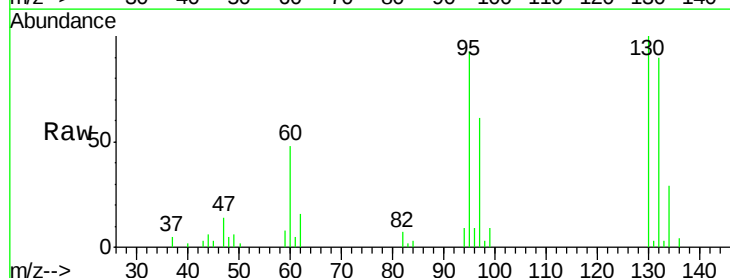
Acq: 09 Jul 2018 14:03

Tgt Ion: 130 Resp: 9975

Ion Ratio Lower Upper

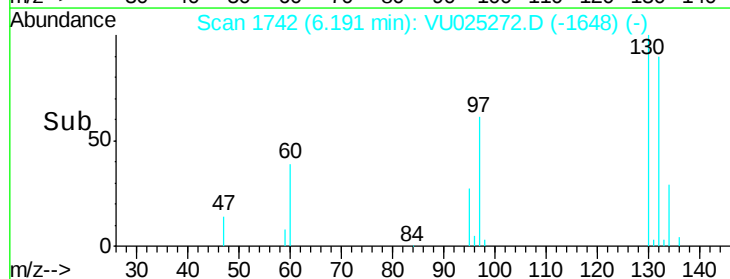
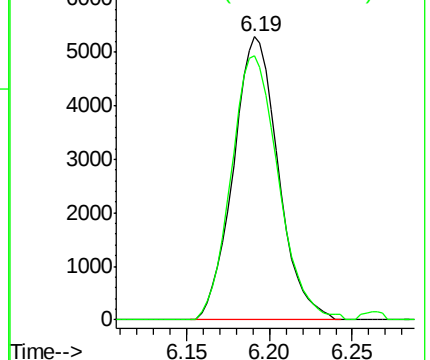
130 100

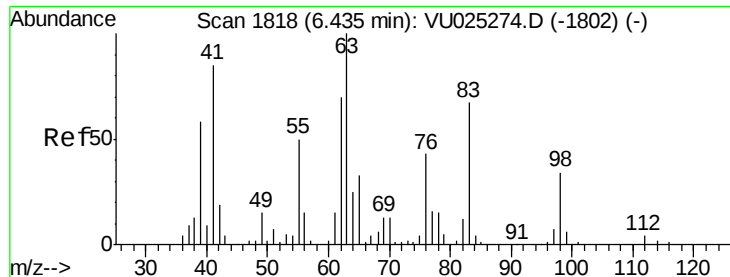
95 93.4 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

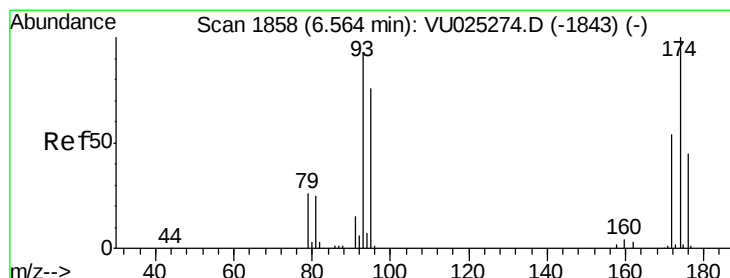
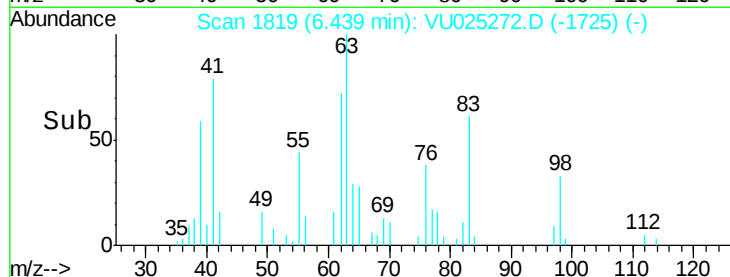
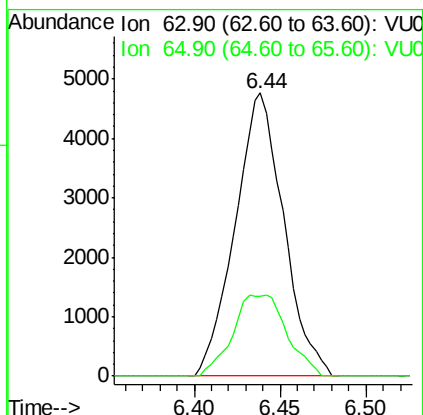
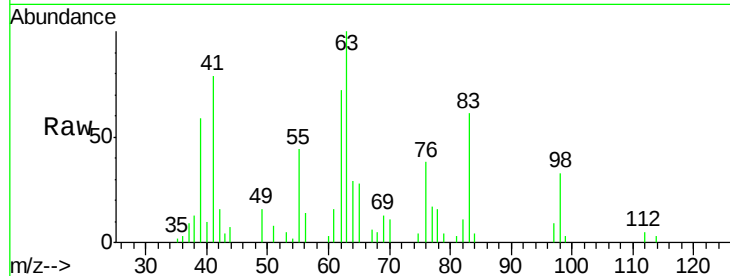




#45
 1,2-Dichloropropane
 Concen: 4.844 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

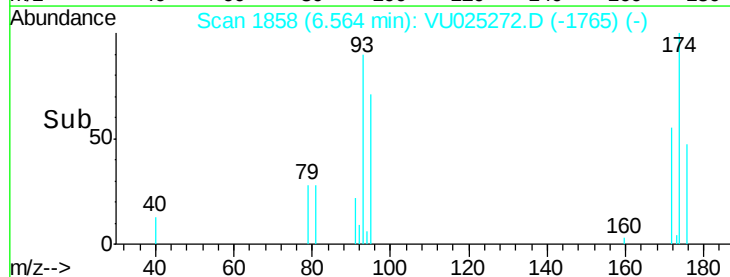
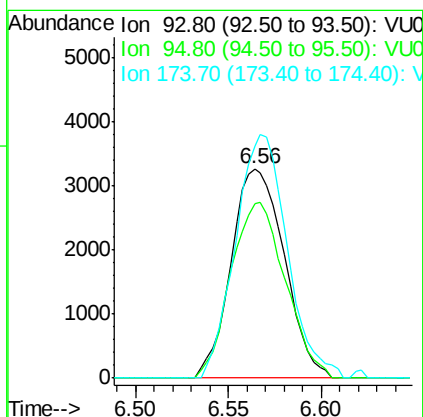
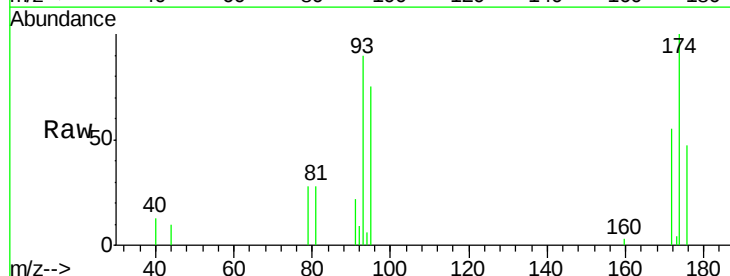
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

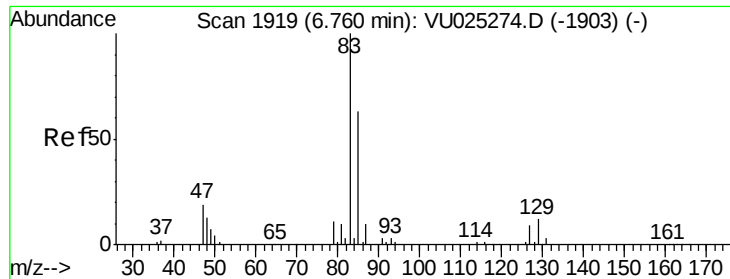
Tgt Ion: 63 Resp: 9350
 Ion Ratio Lower Upper
 63 100
 65 28.2 26.1 39.1



#46
 Dibromomethane
 Concen: 4.624 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 93 Resp: 6496
 Ion Ratio Lower Upper
 93 100
 95 86.0 66.6 100.0
 174 113.1 85.8 128.8





#47

Bromodichloromethane

Concen: 4.646 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

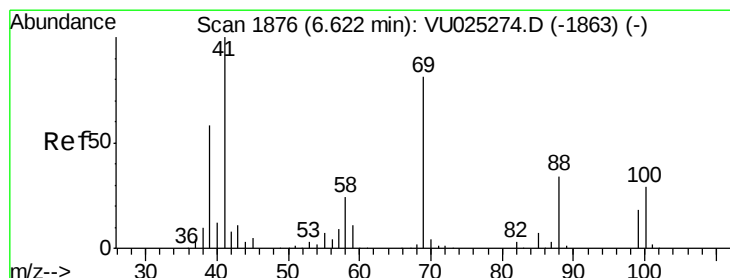
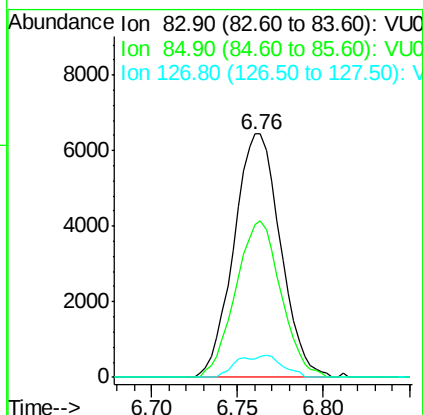
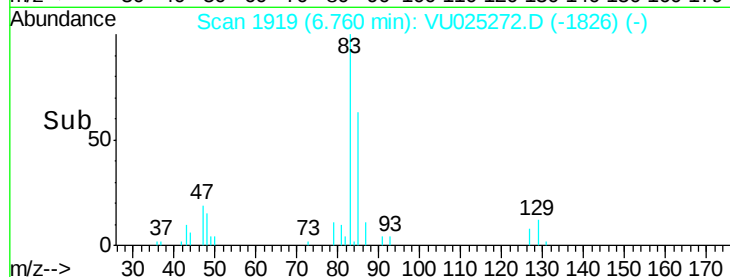
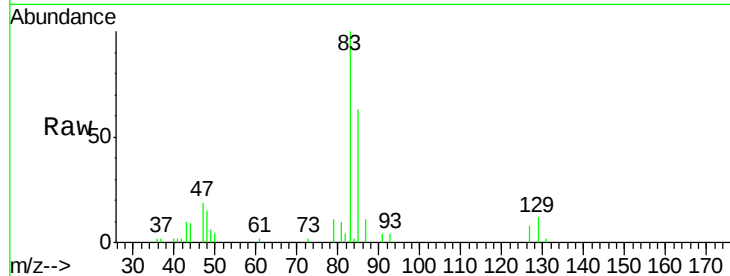
Tgt Ion: 83 Resp: 12123

Ion Ratio Lower Upper

83 100

85 62.7 50.2 75.4

127 7.6 7.2 10.8



#48

Methyl methacrylate

Concen: 4.927 ug/l

RT: 6.63 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

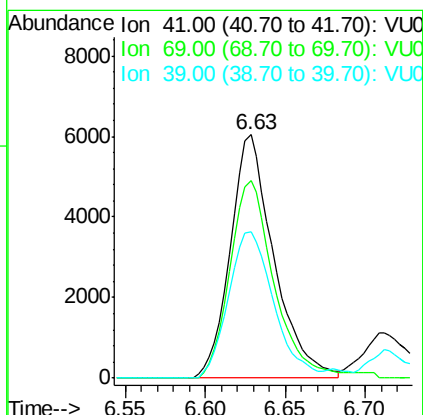
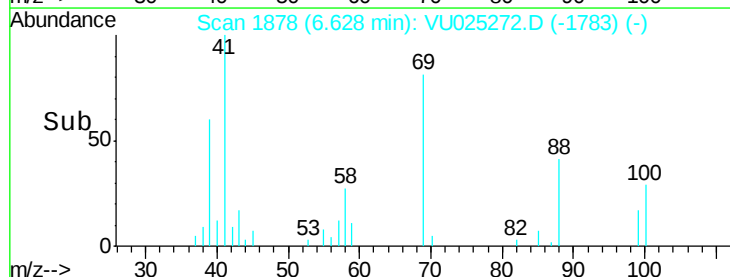
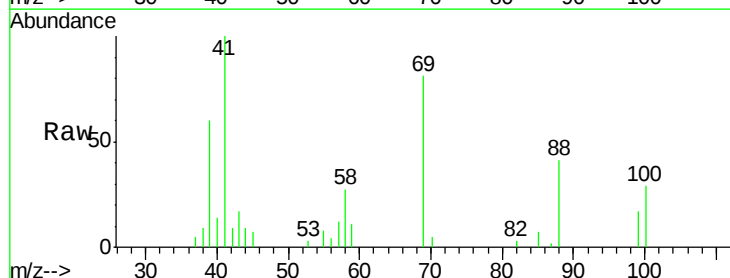
Tgt Ion: 41 Resp: 11217

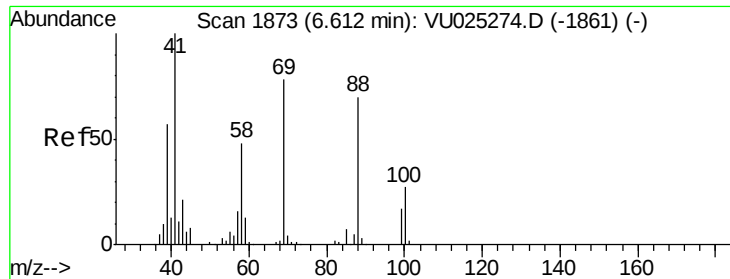
Ion Ratio Lower Upper

41 100

69 82.1 65.0 97.4

39 62.4 46.4 69.6

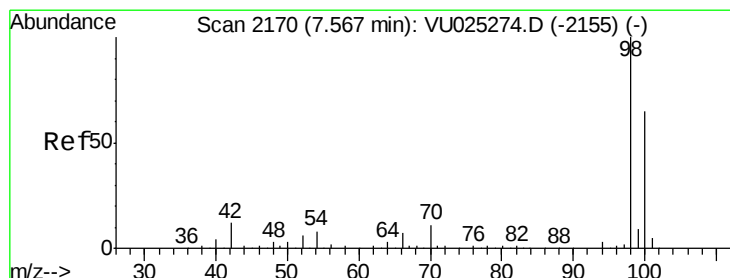
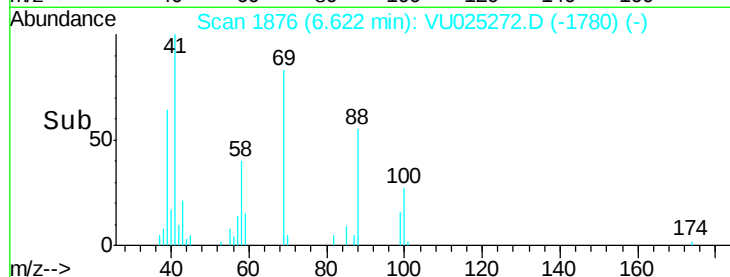
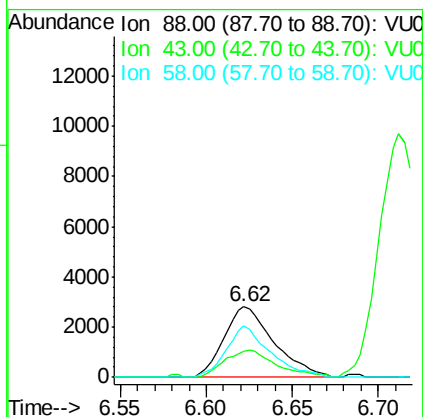
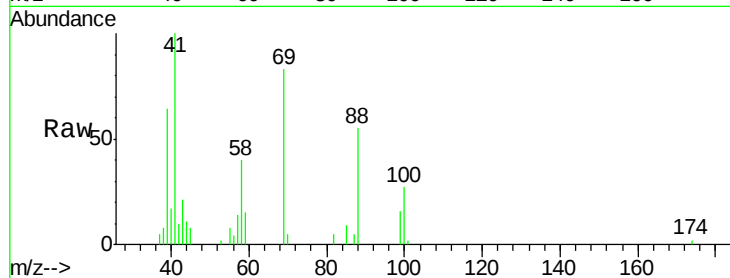




#49
1,4-Dioxane
Concen: 103.731 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

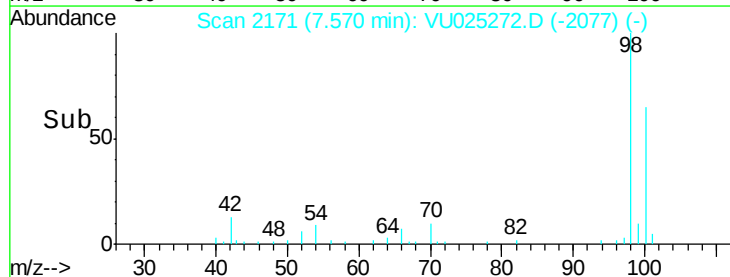
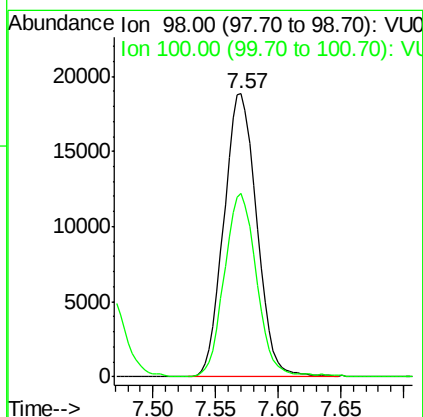
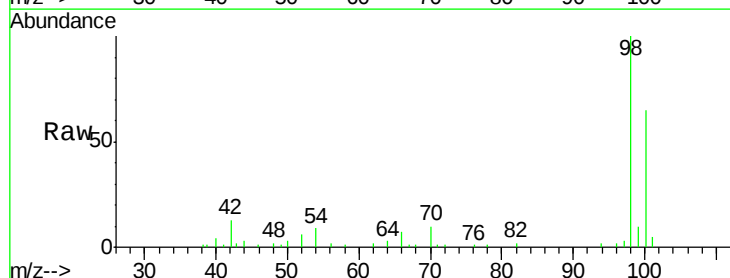
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

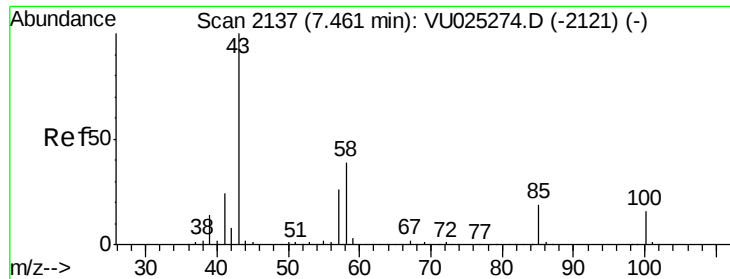
Tgt Ion: 88 Resp: 5683
Ion Ratio Lower Upper
88 100
43 39.9 27.3 40.9
58 63.7 57.6 86.4



#50
Toluene-d8
Concen: 5.187 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 98 Resp: 34465
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7

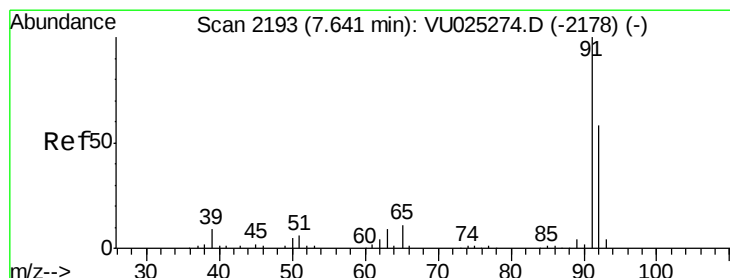
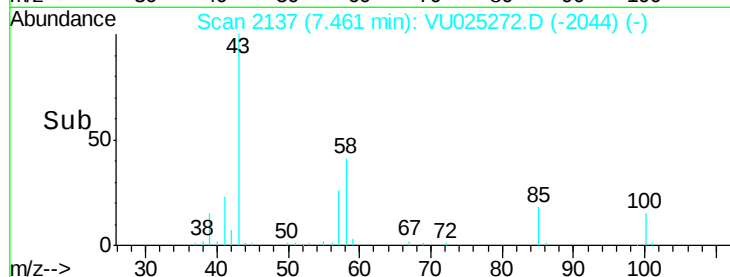
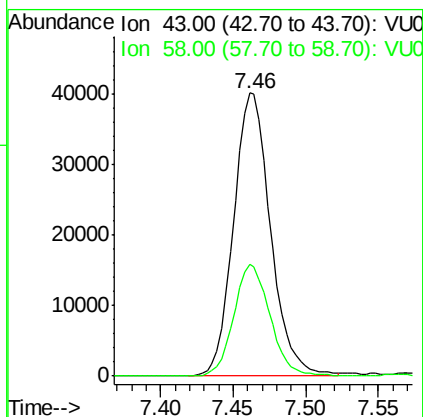
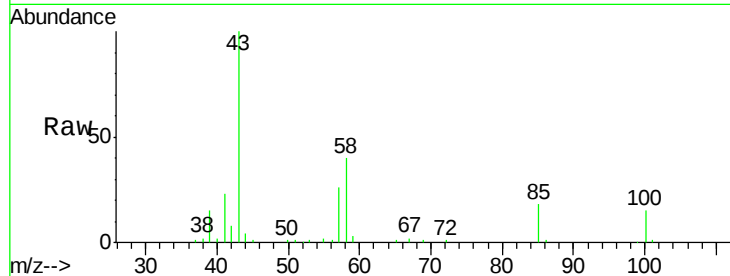




#51
4-Methyl-2-Pentanone
Concen: 23.998 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

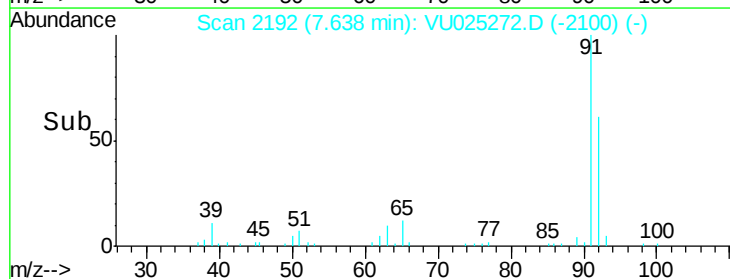
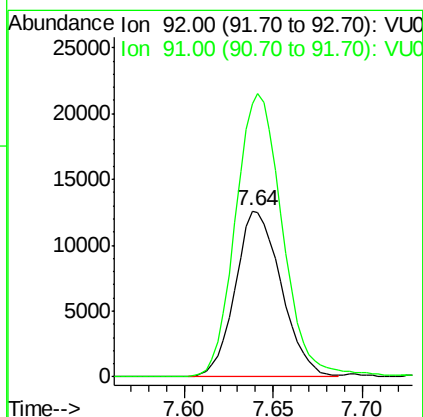
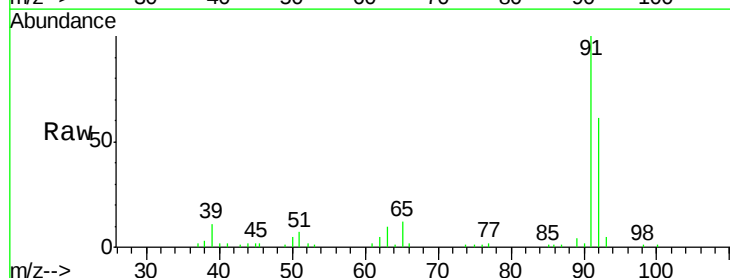
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

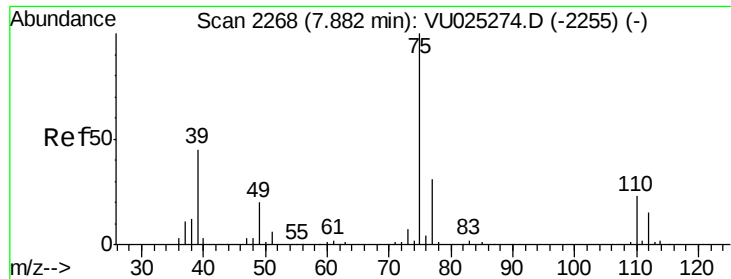
Tgt Ion: 43 Resp: 71237
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4



#52
Toluene
Concen: 4.827 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 92 Resp: 22633
Ion Ratio Lower Upper
92 100
91 174.8 139.2 208.8

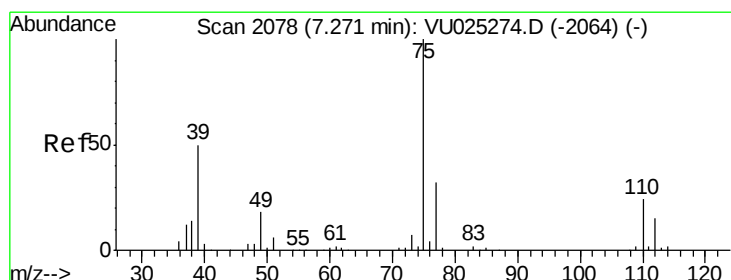
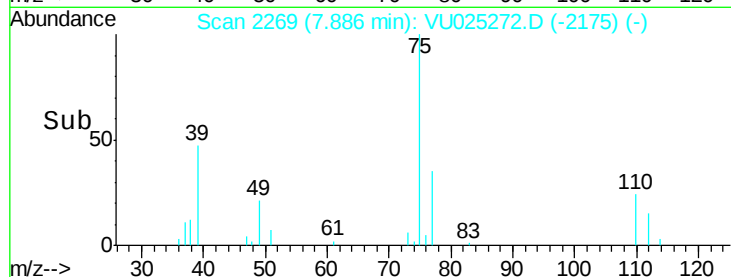
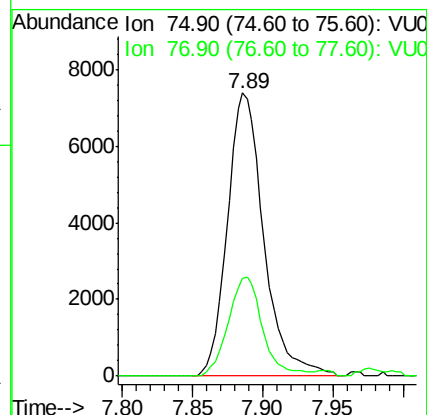
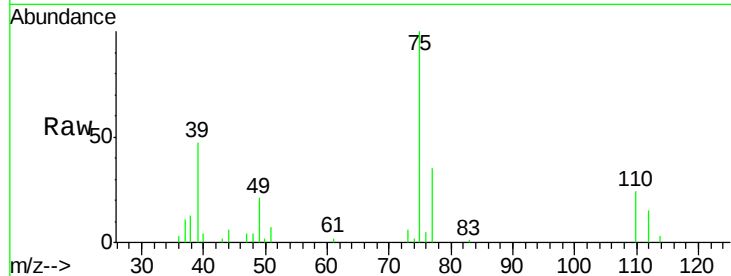




#53
t-1,3-Dichloropropene
Concen: 4.626 ug/l
RT: 7.89 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

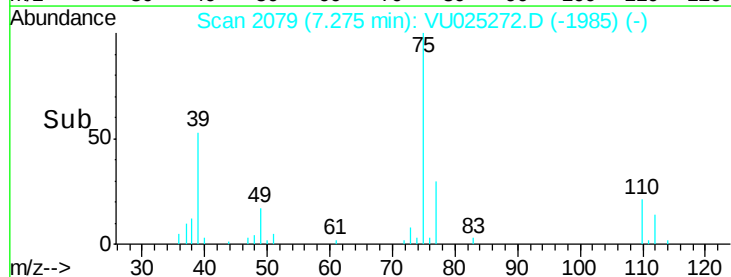
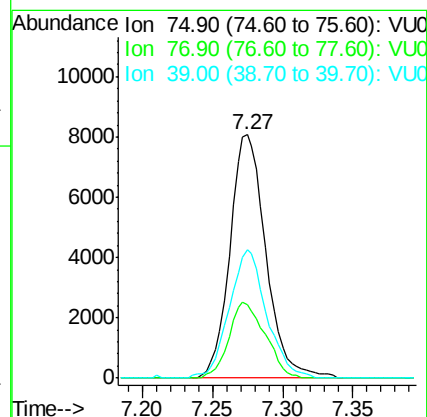
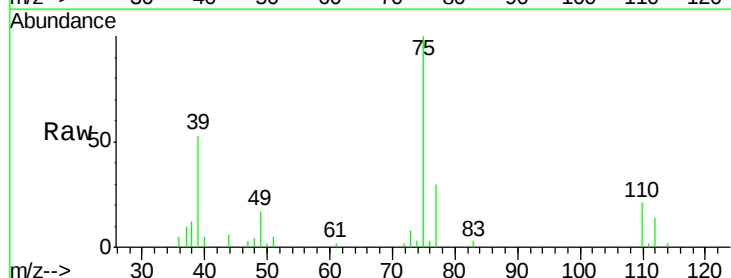
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

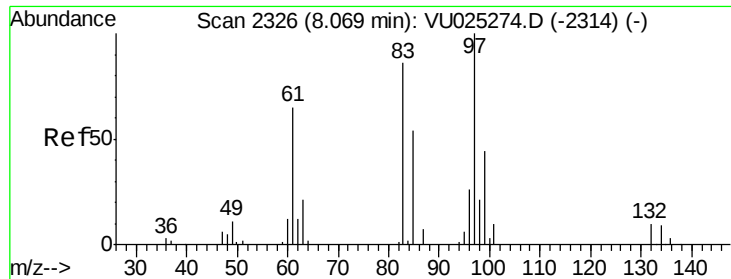
Tgt Ion: 75 Resp: 13263
Ion Ratio Lower Upper
75 100
77 34.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 4.721 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 75 Resp: 14406
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4
39 52.6 40.0 60.0

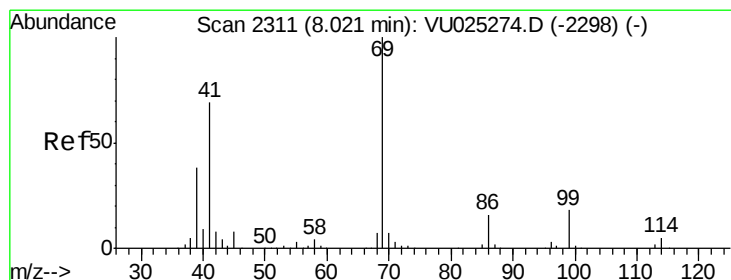
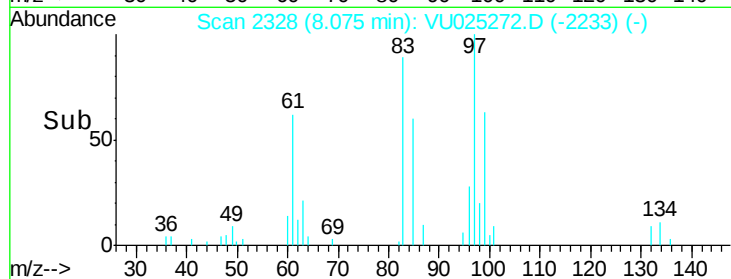
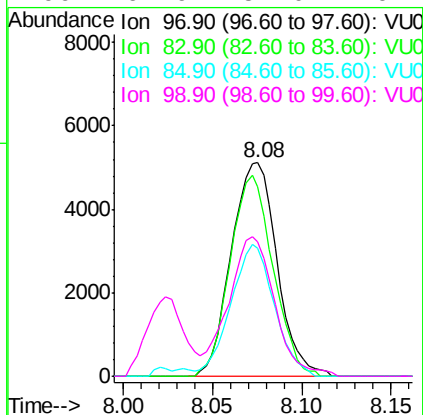
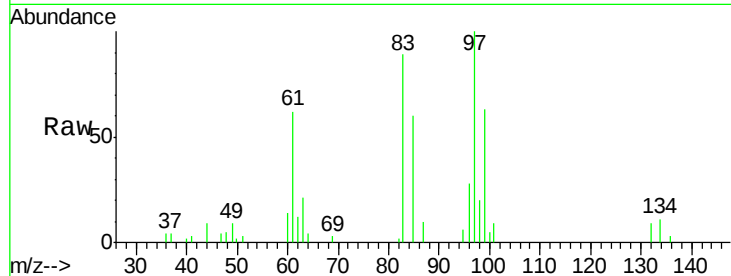




#55
 1,1,2-Trichloroethane
 Concen: 4.673 ug/l
 RT: 8.08 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

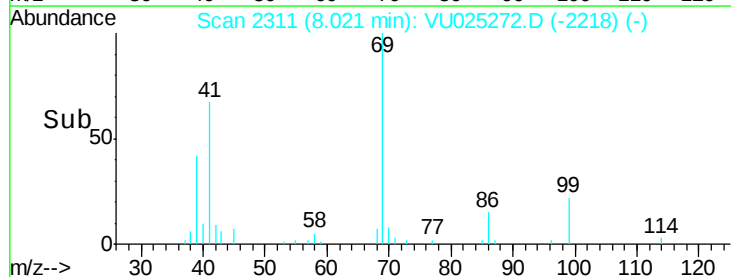
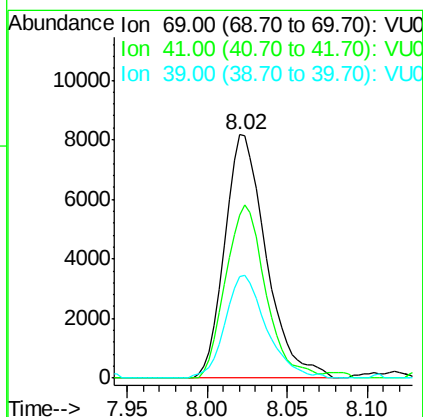
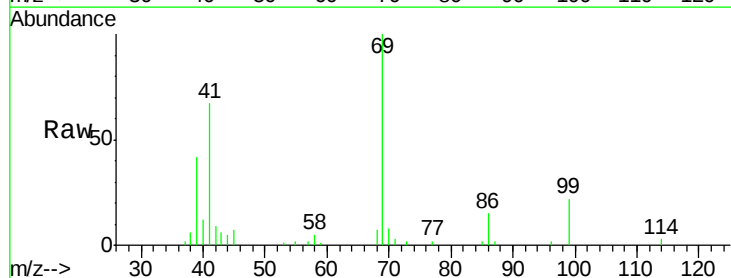
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

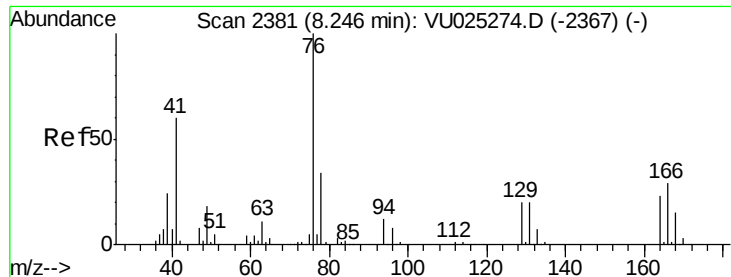
Tgt Ion:	97	Resp:	9125
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.9	103.3
85	59.6	44.4	66.6
99	62.9	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 4.737 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion:	69	Resp:	14447
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.8	82.2
39	42.0	31.1	46.7

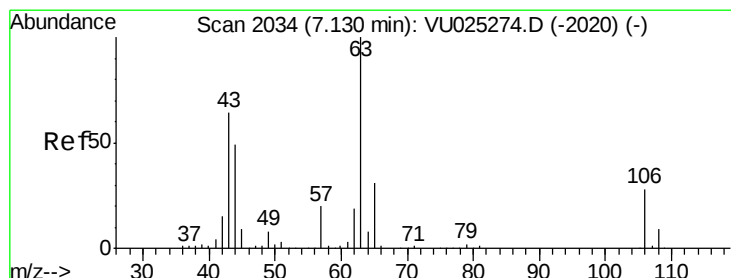
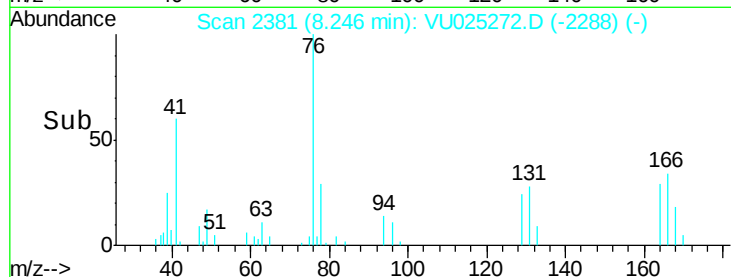
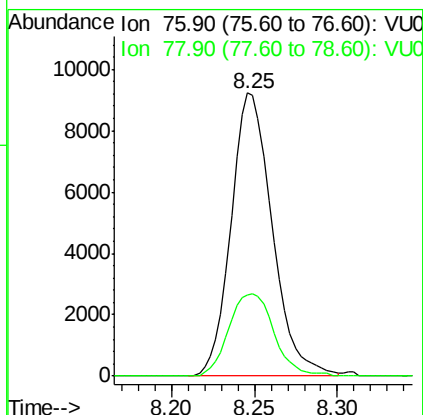
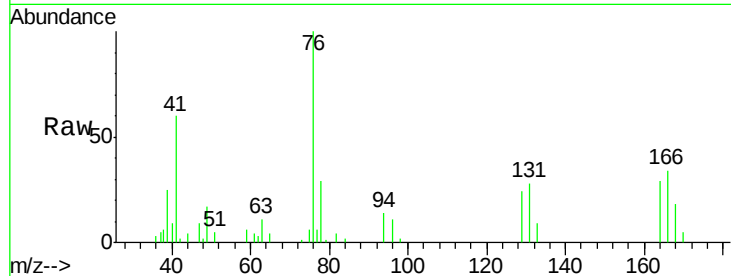




#57
 1,3-Dichloropropane
 Concen: 4.931 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

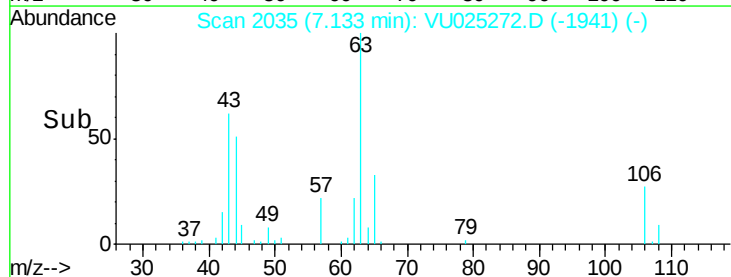
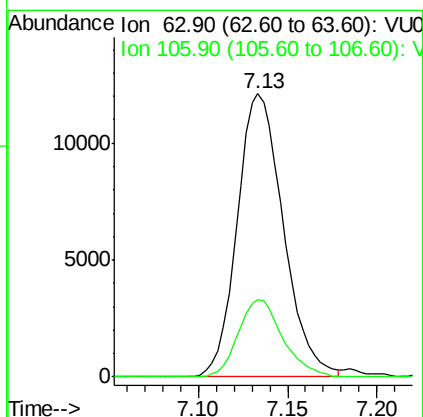
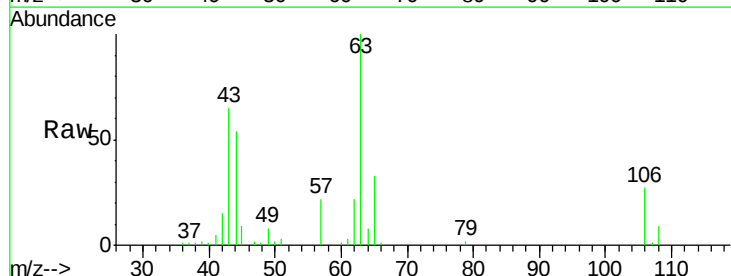
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

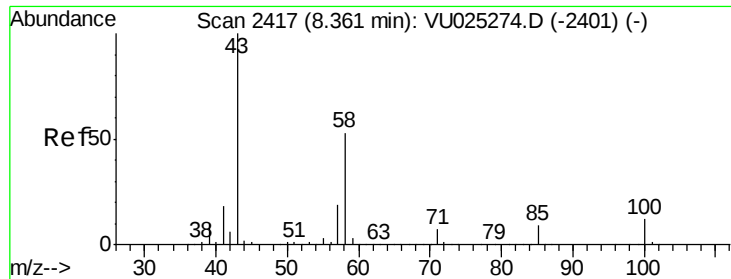
Tgt Ion: 76 Resp: 15985
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.299 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 63 Resp: 21847
 Ion Ratio Lower Upper
 63 100
 106 26.3 22.3 33.5

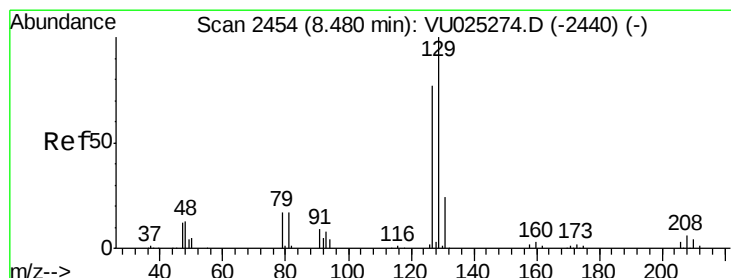
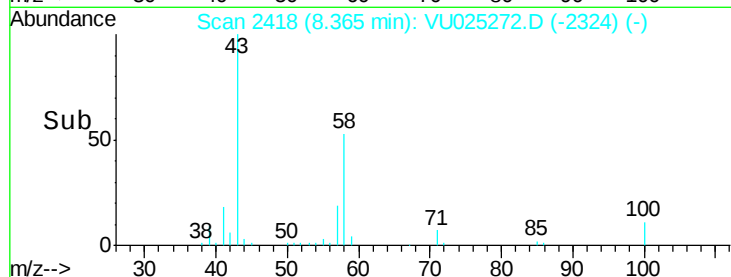
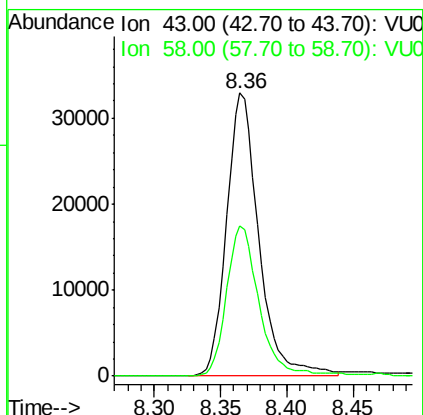
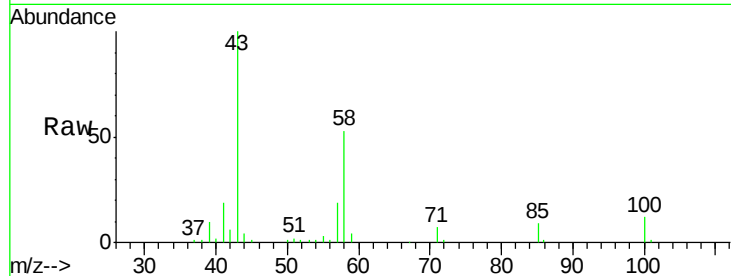




#59
2-Hexanone
Concen: 23.157 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

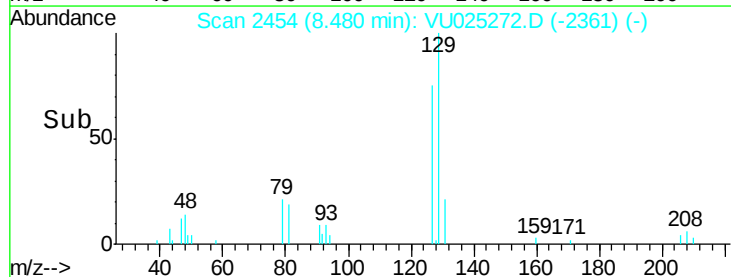
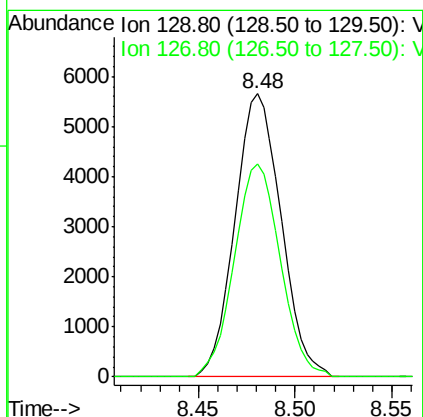
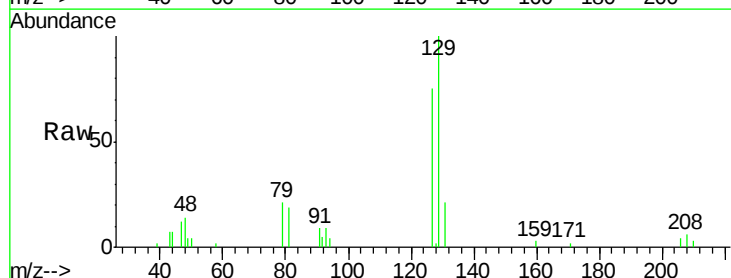
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

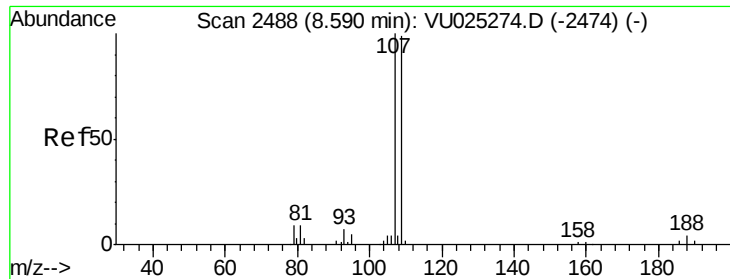
Tgt Ion: 43 Resp: 55758
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5



#60
Dibromochloromethane
Concen: 4.447 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 129 Resp: 9379
Ion Ratio Lower Upper
129 100
127 75.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 4.752 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

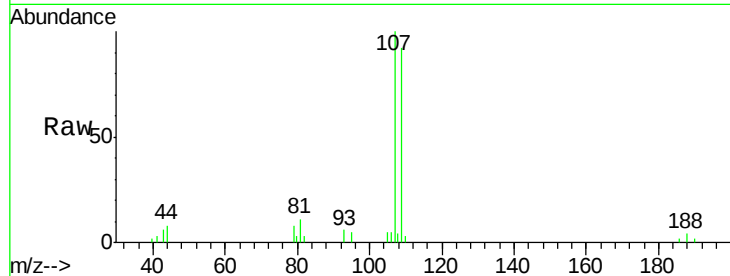
VSTDIC005

Tgt Ion: 107 Resp: 9928

Ion Ratio Lower Upper

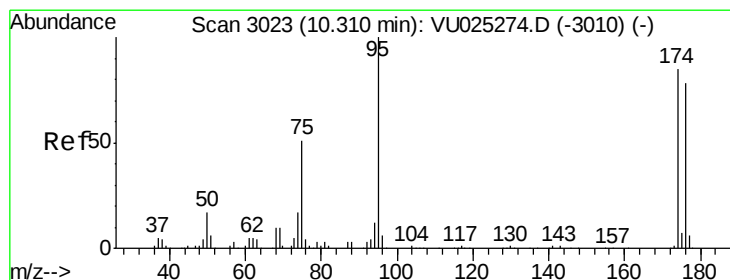
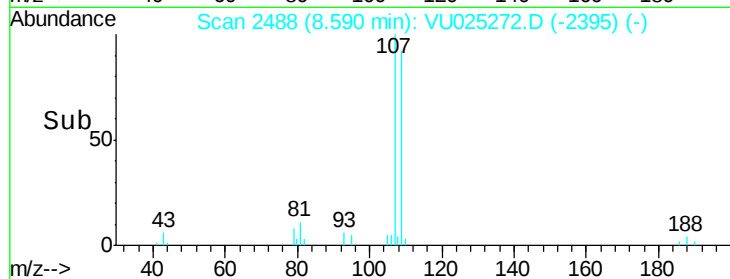
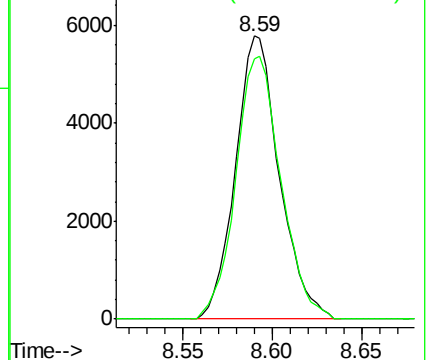
107 100

109 95.4 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: 4.680 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

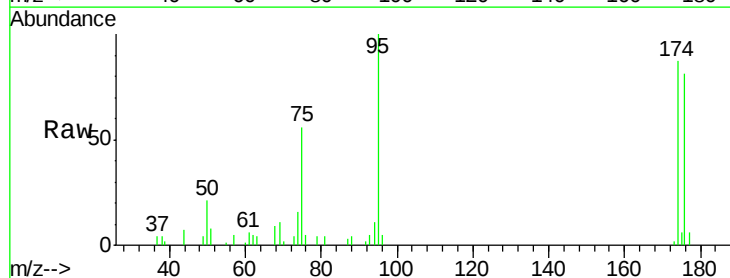
Tgt Ion: 95 Resp: 12520

Ion Ratio Lower Upper

95 100

174 88.8 0.0 172.2

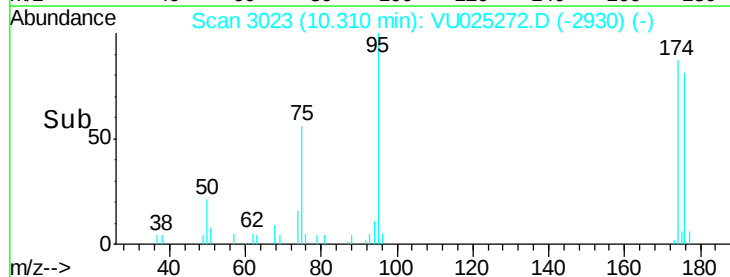
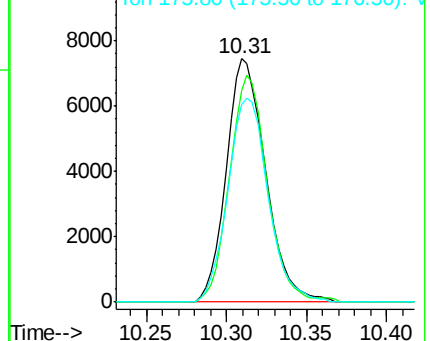
176 85.4 0.0 162.6

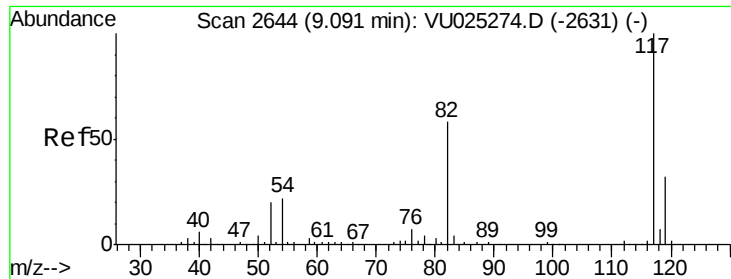


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

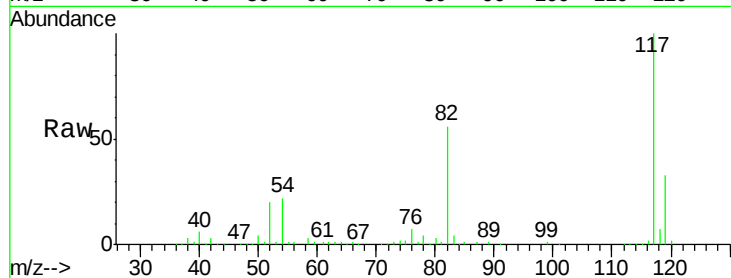




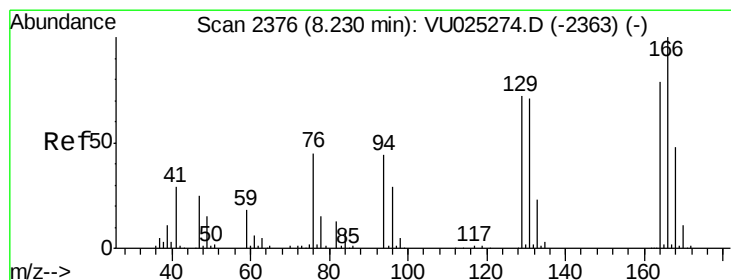
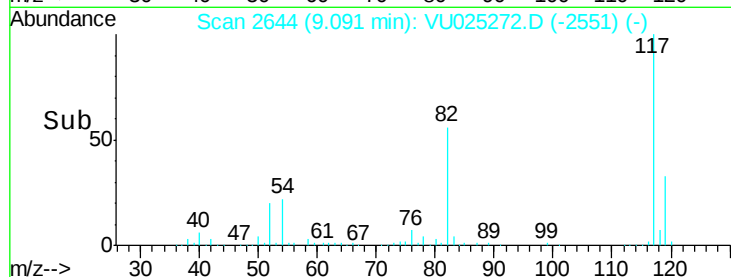
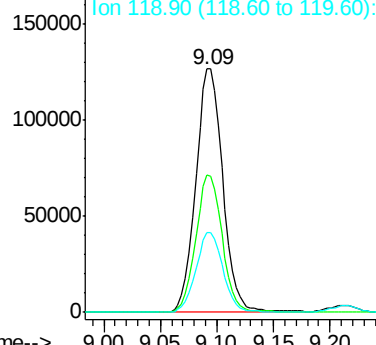
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 211518
Ion Ratio Lower Upper
117 100
82 56.5 46.0 69.0
119 32.8 26.0 39.0

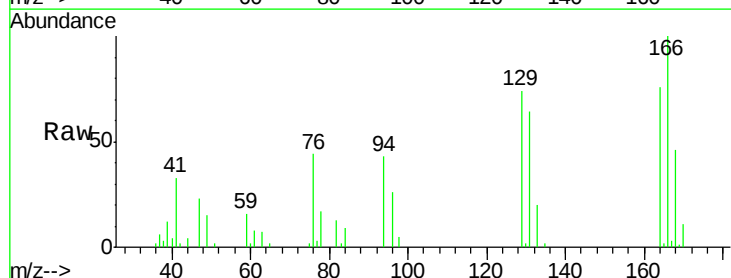


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

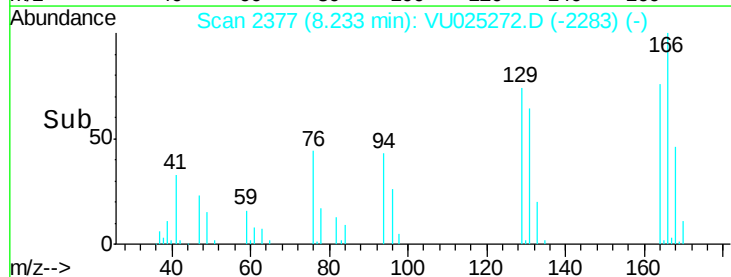
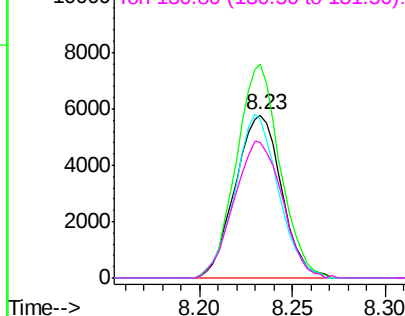


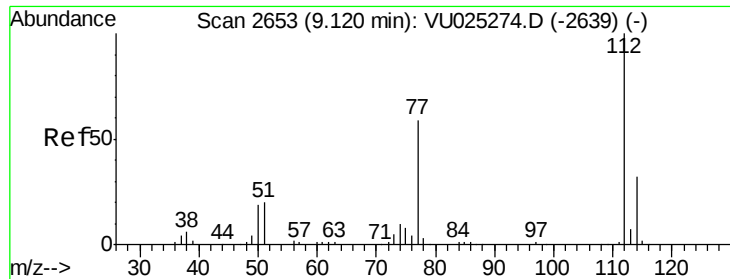
#64
Tetrachloroethene
Concen: 5.205 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion:164 Resp: 10036
Ion Ratio Lower Upper
164 100
166 131.3 101.1 151.7
129 97.3 73.0 109.6
131 83.6 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

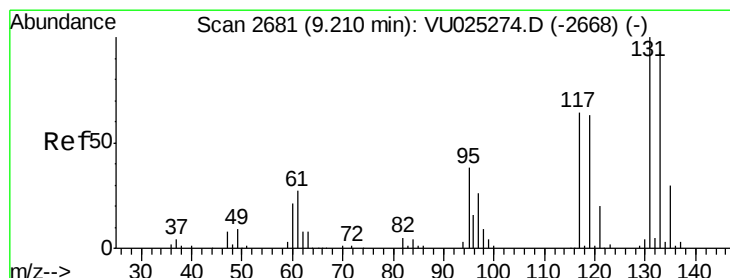
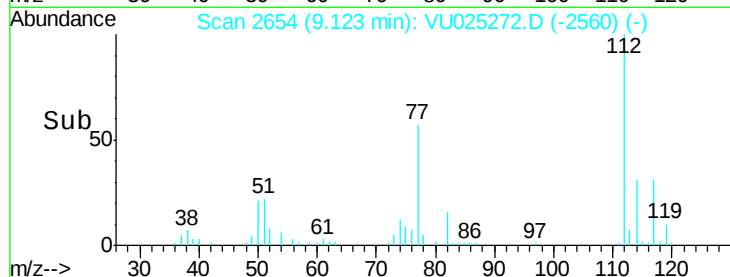
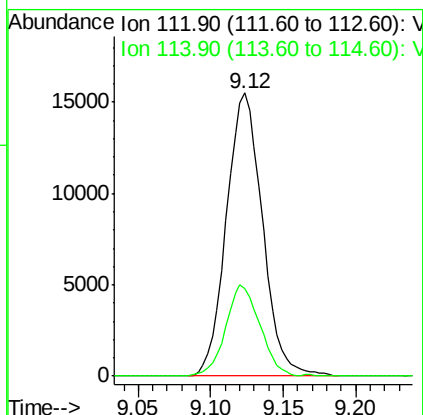
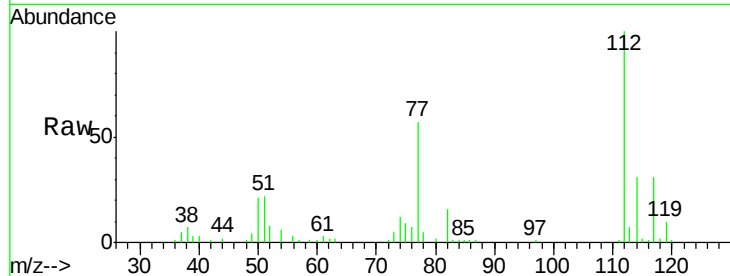




#65
Chlorobenzene
Concen: 5.074 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

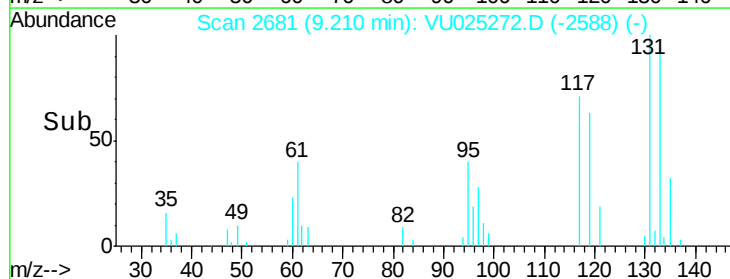
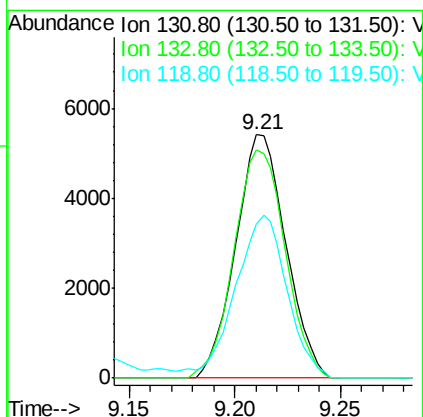
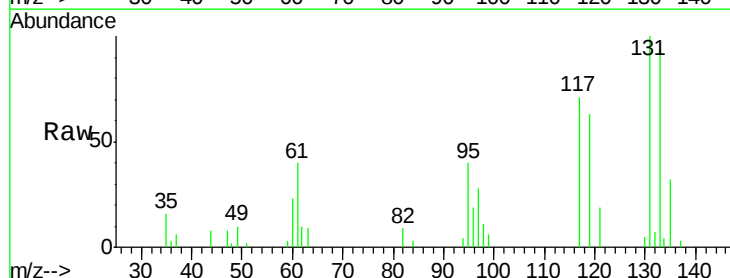
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

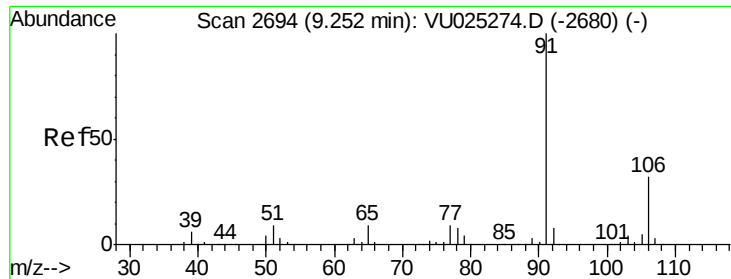
Tgt Ion:112 Resp: 26811
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.740 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion:131 Resp: 8959
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 68.8 31.6 95.0

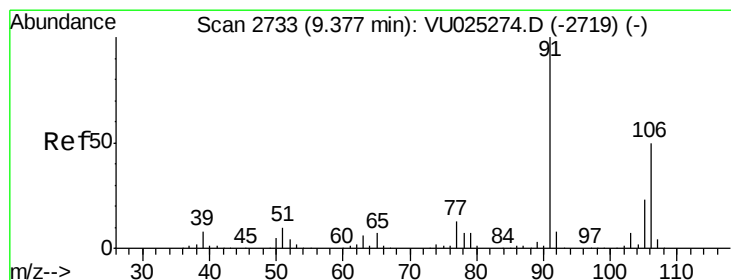
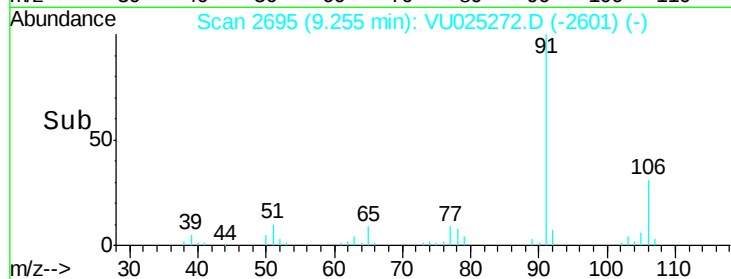
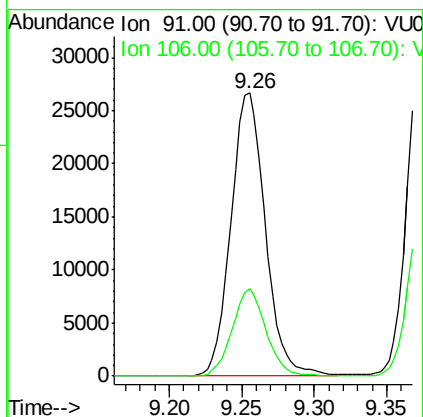
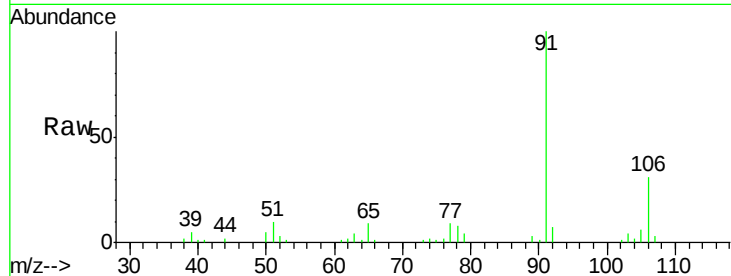




#67
 Ethyl Benzene
 Concen: 4.879 ug/l
 RT: 9.26 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

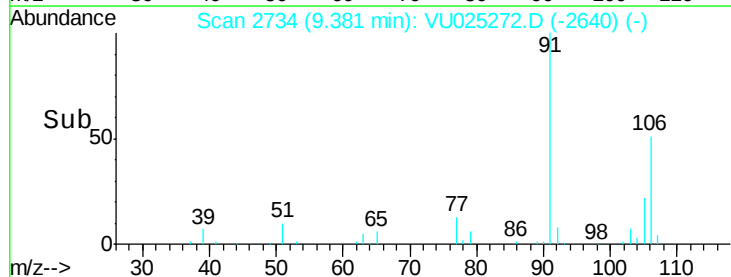
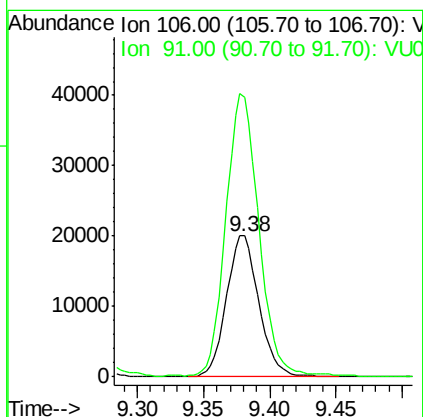
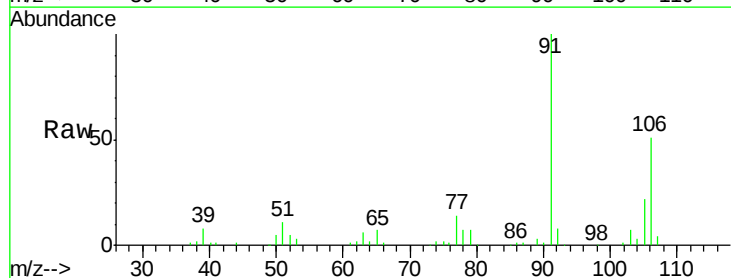
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 43949
 Ion Ratio Lower Upper
 91 100
 106 30.8 25.3 37.9



#68
 m/p-Xylenes
 Concen: 9.821 ug/l
 RT: 9.38 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 106 Resp: 34204
 Ion Ratio Lower Upper
 106 100
 91 205.3 162.3 243.5

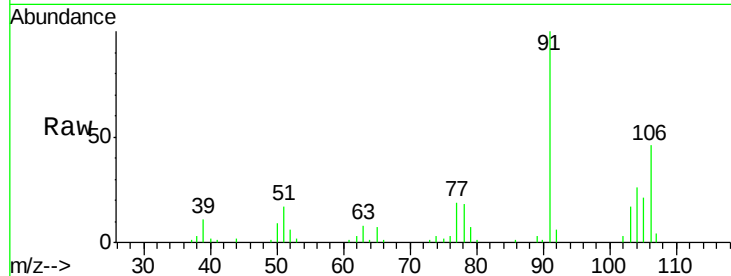




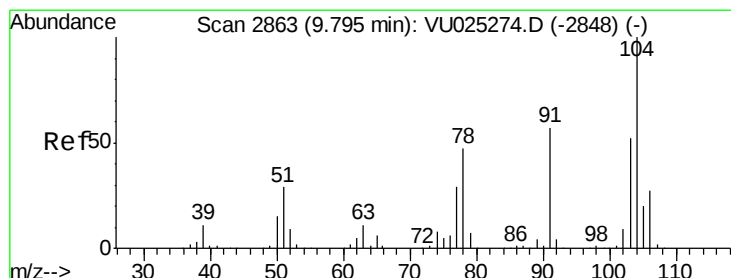
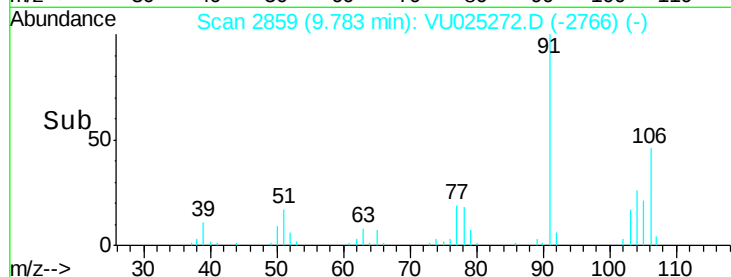
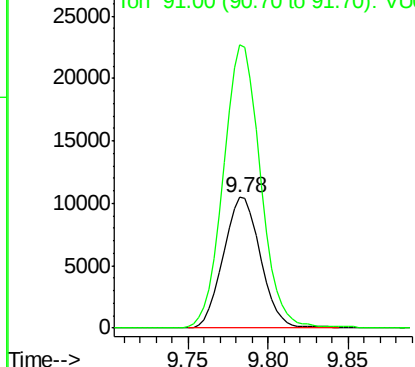
#69
o-Xylene
Concen: 4.786 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 16686
Ion Ratio Lower Upper
106 100
91 215.7 105.3 315.8

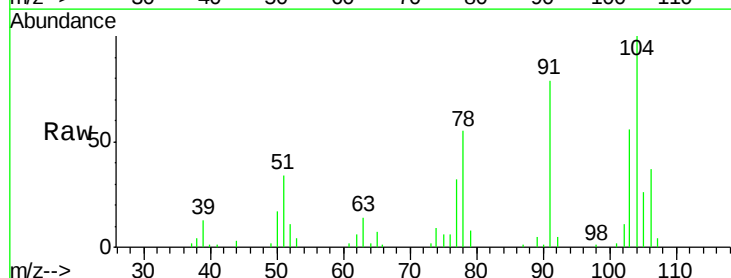


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

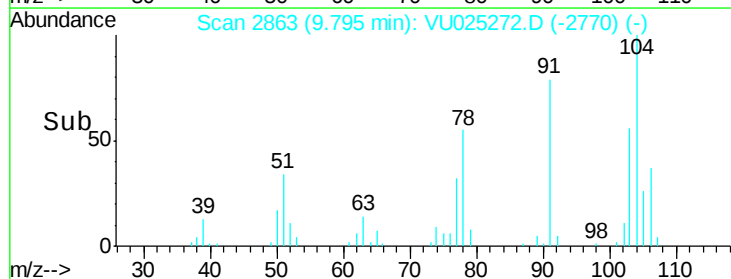
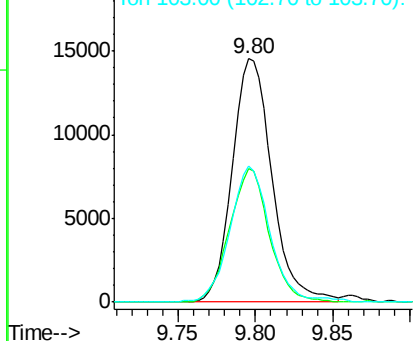


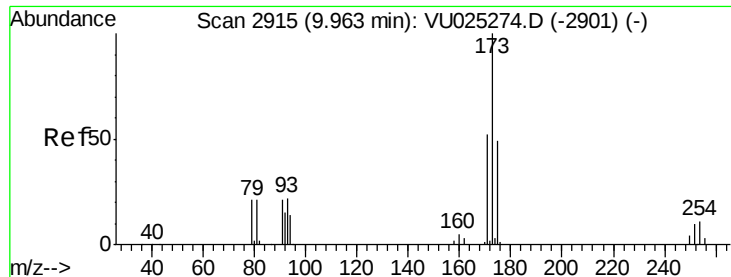
#70
Styrene
Concen: 4.682 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion:104 Resp: 25932
Ion Ratio Lower Upper
104 100
78 54.8 41.6 62.4
103 56.7 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: 4.157 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

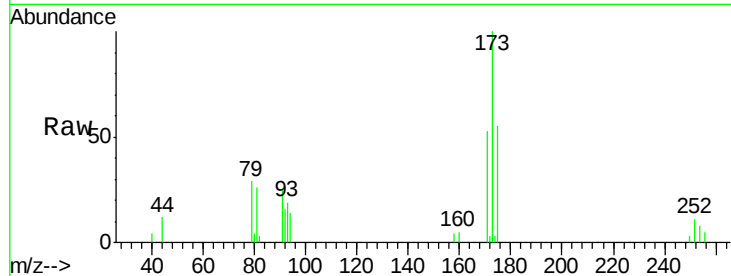
Tgt Ion:173 Resp: 6795

Ion Ratio Lower Upper

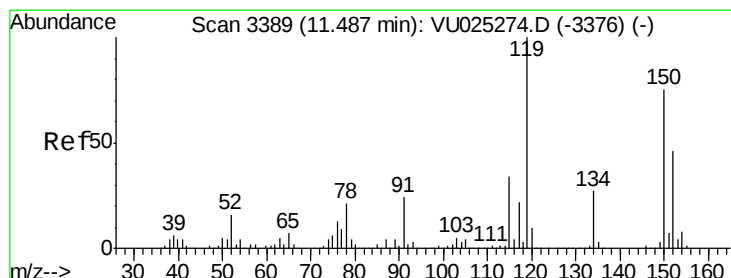
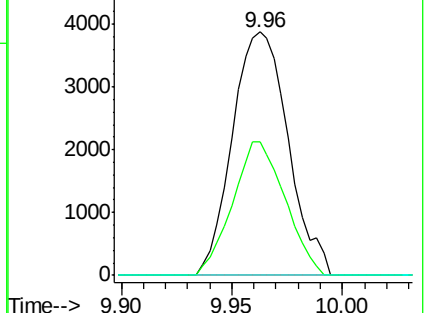
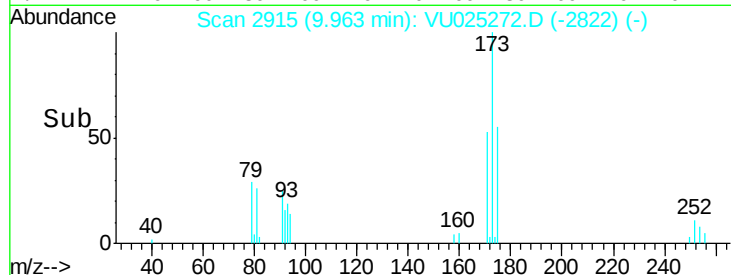
173 100

175 51.9 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: VU025272.D

Acq: 09 Jul 2018 14:03

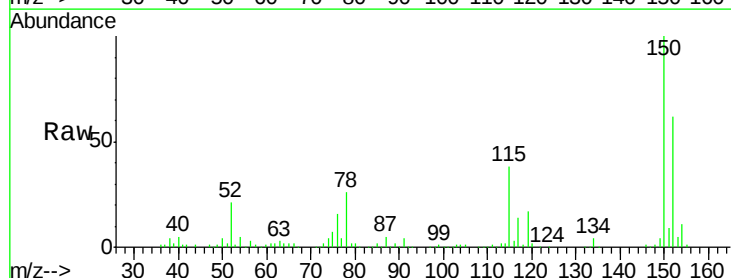
Tgt Ion:152 Resp: 114183

Ion Ratio Lower Upper

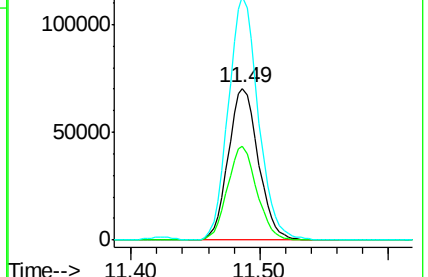
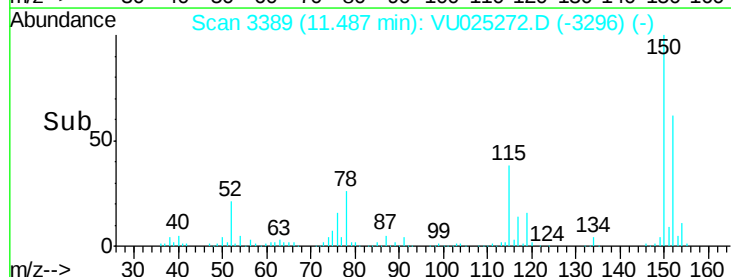
152 100

115 60.2 40.1 120.3

150 158.5 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: 5.264 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

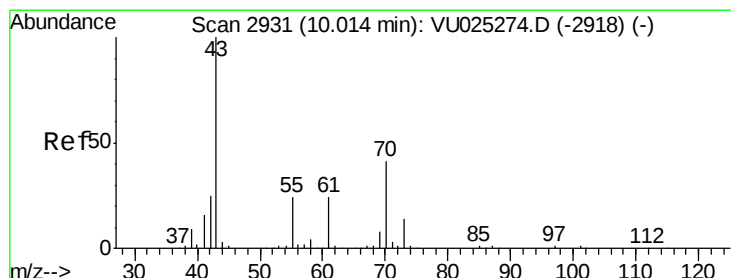
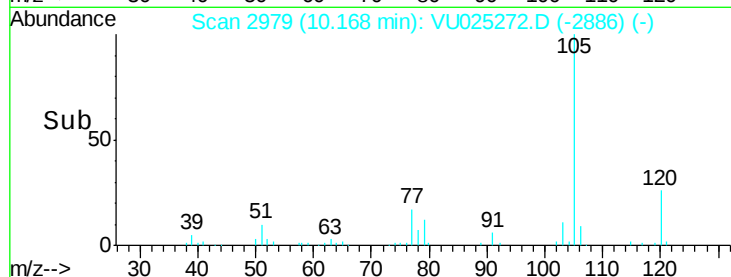
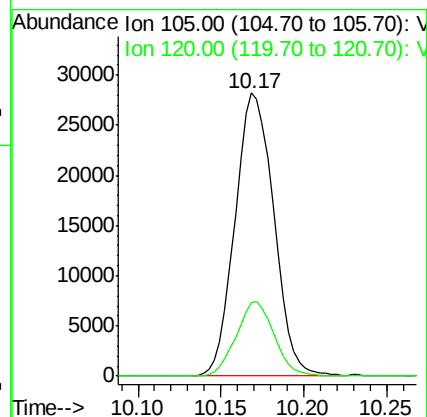
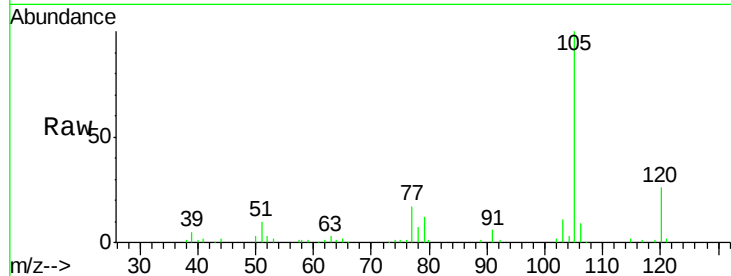
VSTDIC005

Tgt Ion: 105 Resp: 45922

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.5



#74

N-ethyl acetate

Concen: 5.030 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Tgt Ion: 43 Resp: 19050

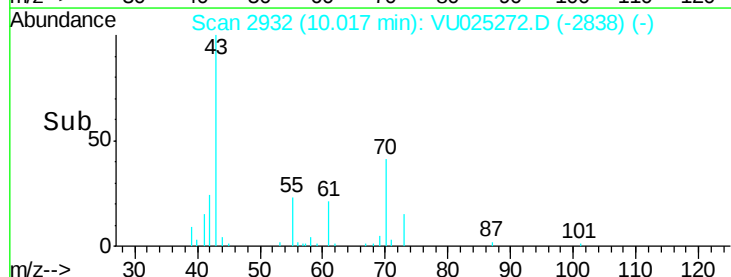
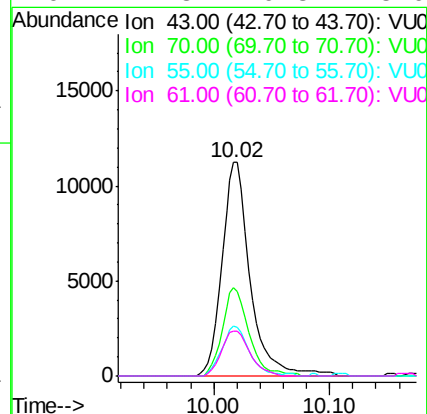
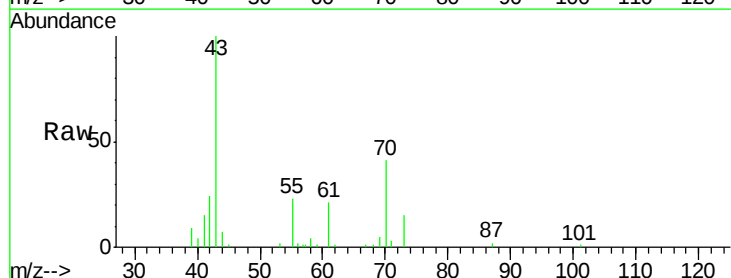
Ion Ratio Lower Upper

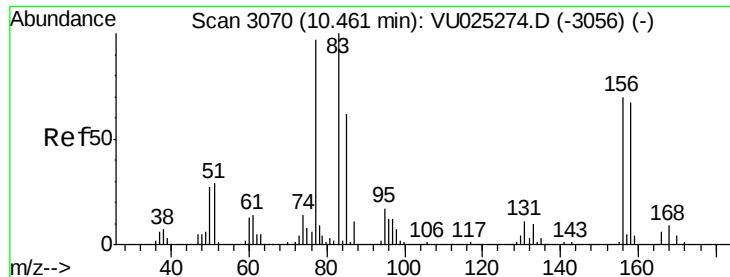
43 100

70 39.0 33.4 50.2

55 22.5 19.0 28.6

61 21.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.082 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

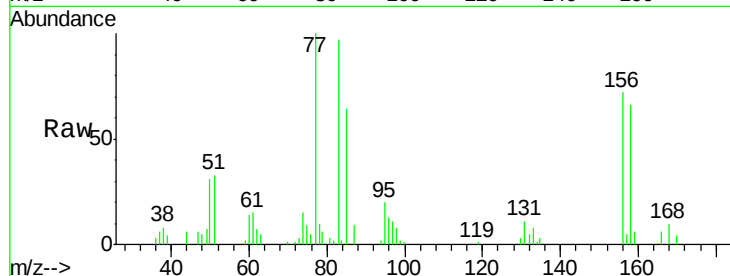
Tgt Ion: 83 Resp: 14506

Ion Ratio Lower Upper

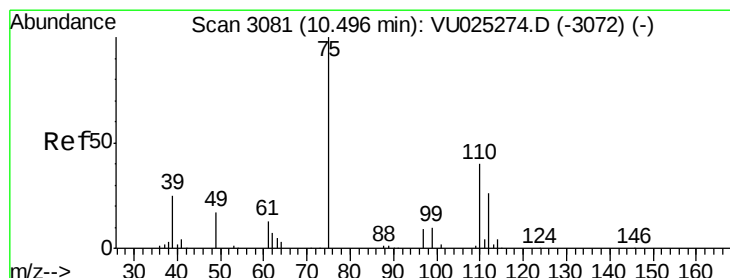
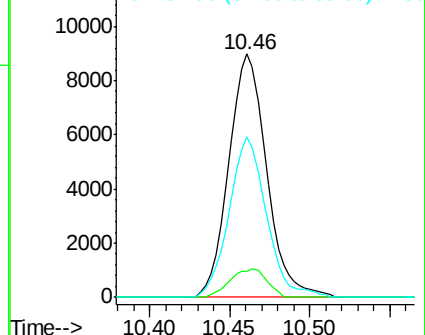
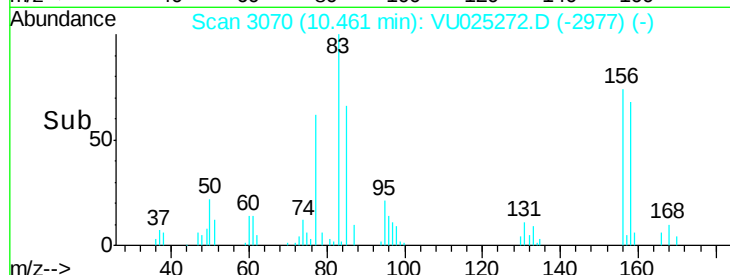
83 100

131 11.3 5.5 16.4

85 64.8 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025272.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 6.479 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025272.D

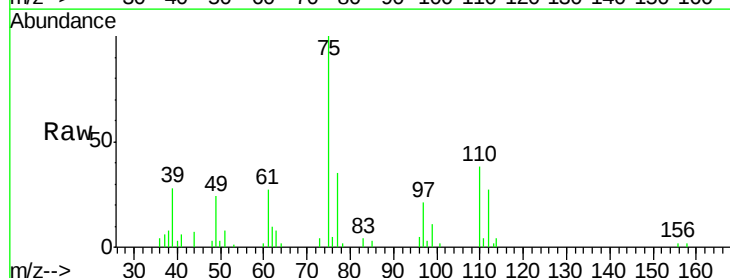
Acq: 09 Jul 2018 14:03

Tgt Ion: 75 Resp: 16687

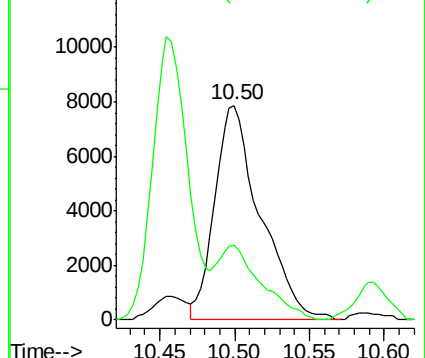
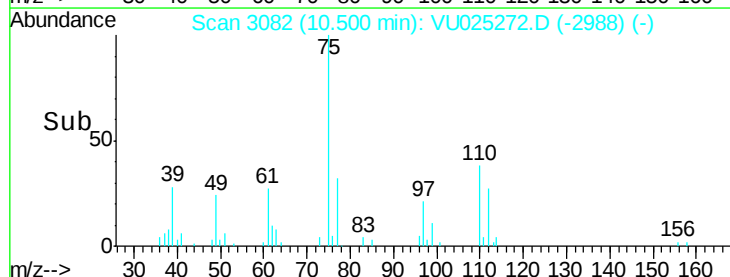
Ion Ratio Lower Upper

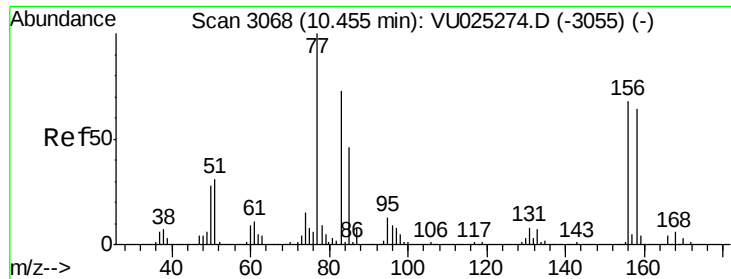
75 100

77 33.5 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025272.D (-2988) (-)





#77

Bromobenzene

Concen: 5.121 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

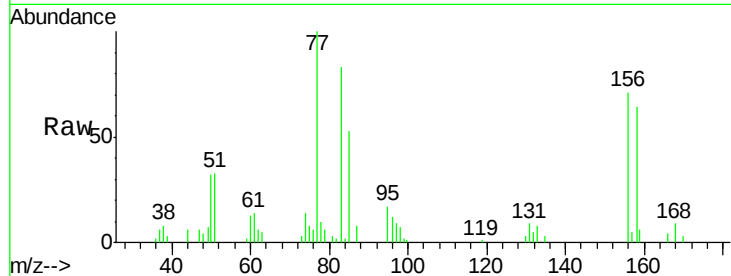
Tgt Ion:156 Resp: 11430

Ion Ratio Lower Upper

156 100

77 149.2 73.8 221.4

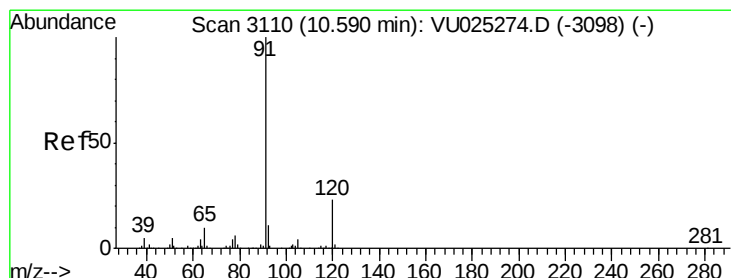
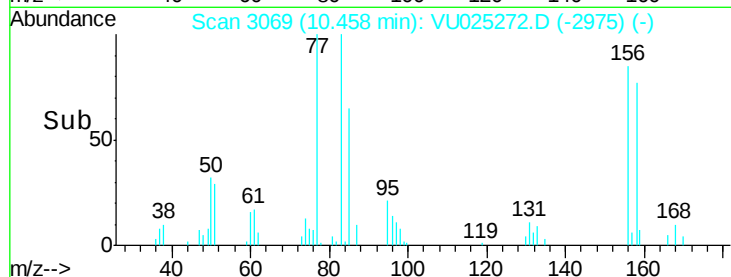
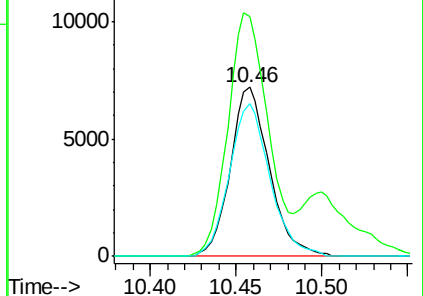
158 93.8 48.0 144.0



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: 5.149 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025272.D

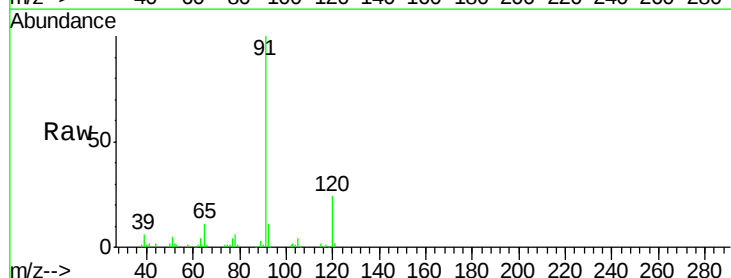
Acq: 09 Jul 2018 14:03

Tgt Ion: 91 Resp: 49850

Ion Ratio Lower Upper

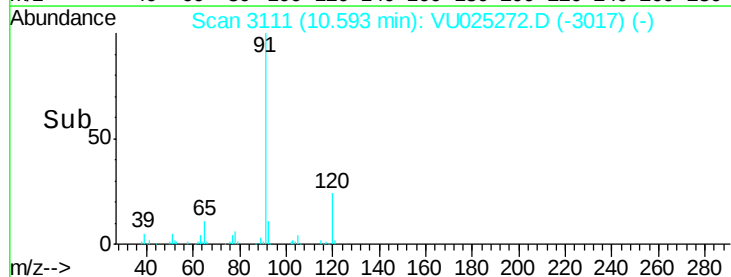
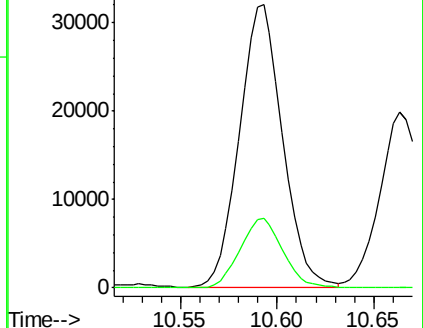
91 100

120 24.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

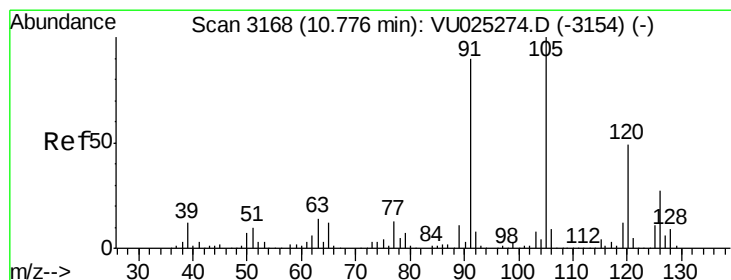
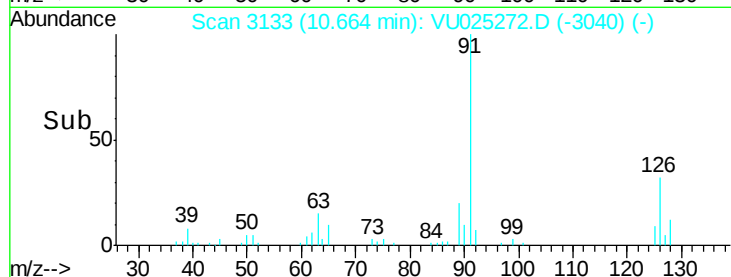
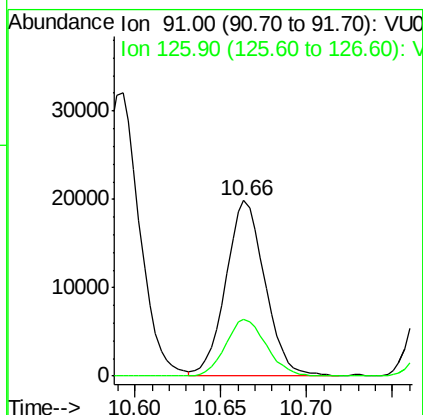
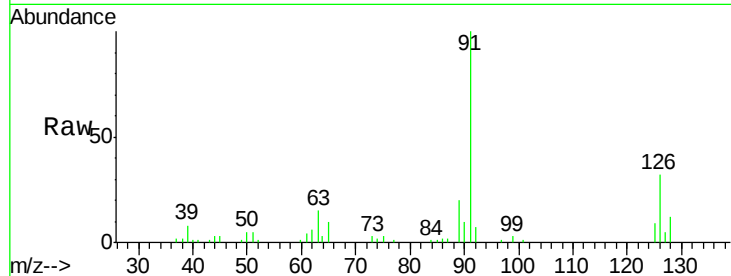




#79
2-Chlorotoluene
Concen: 5.202 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

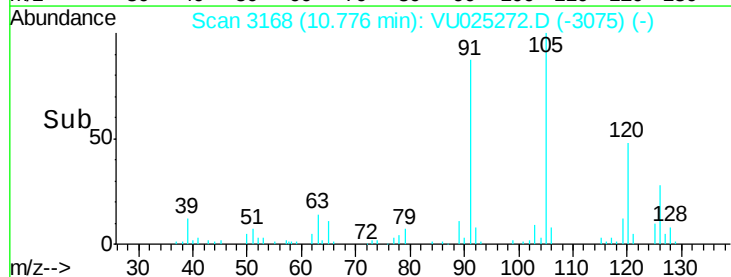
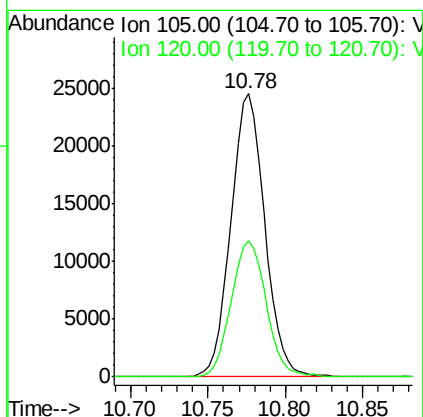
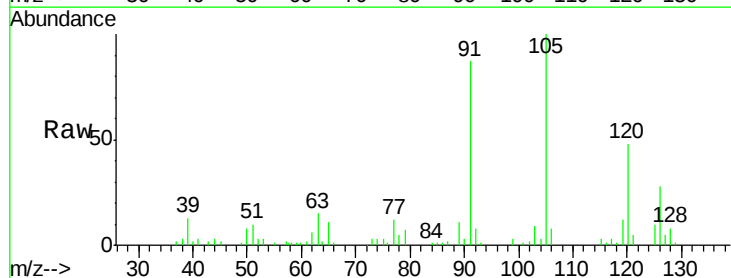
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

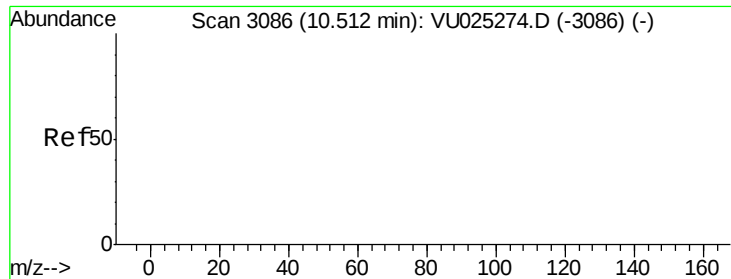
Tgt Ion: 91 Resp: 31516
Ion Ratio Lower Upper
91 100
126 33.3 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 5.063 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion: 105 Resp: 37171
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.786 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.01 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

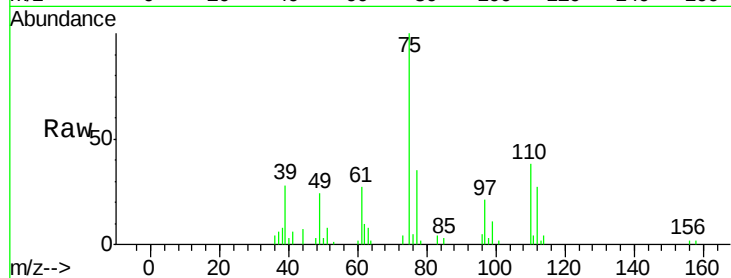
Tgt Ion: 75 Resp: 16687

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

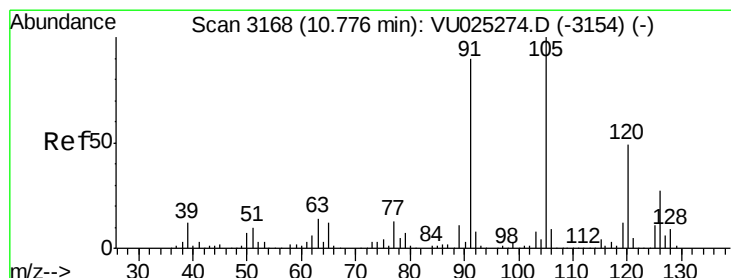
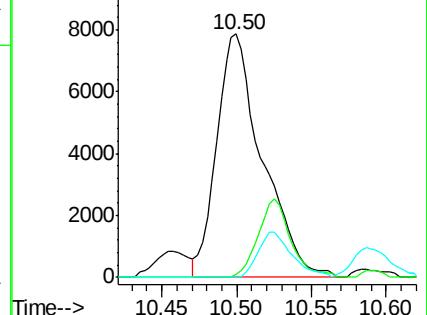
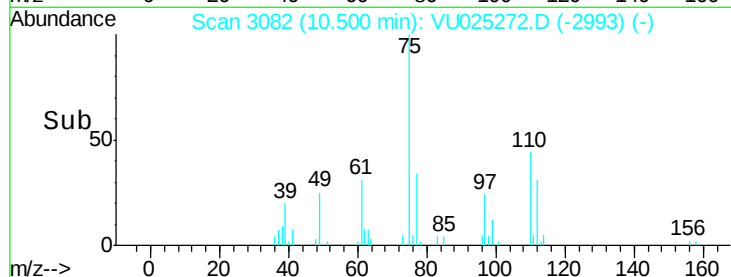
89 0.0 0.0 0.0



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: 5.085 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025272.D

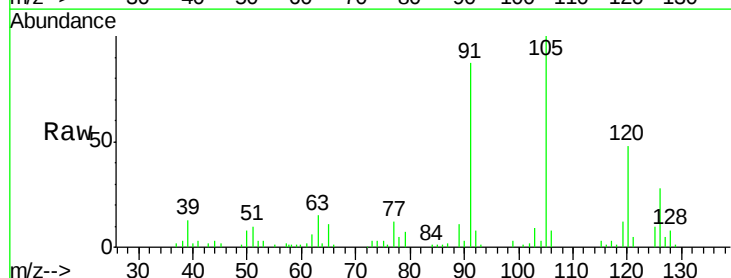
Acq: 09 Jul 2018 14:03

Tgt Ion: 91 Resp: 34859

Ion Ratio Lower Upper

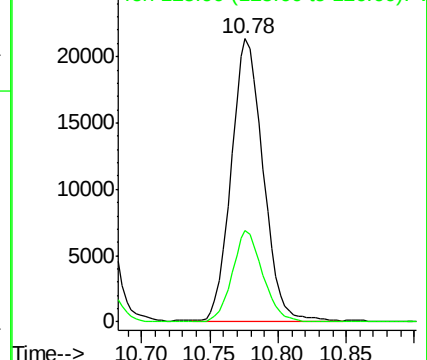
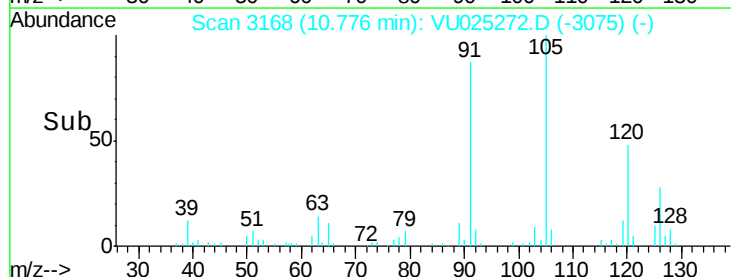
91 100

126 30.5 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

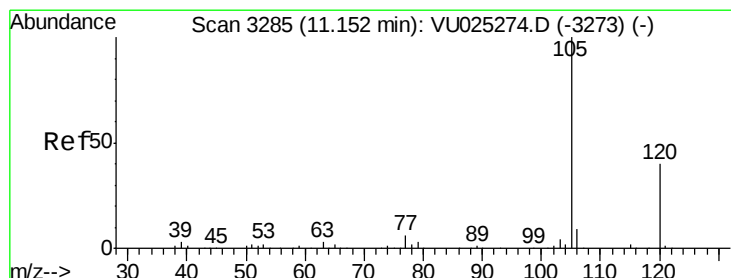
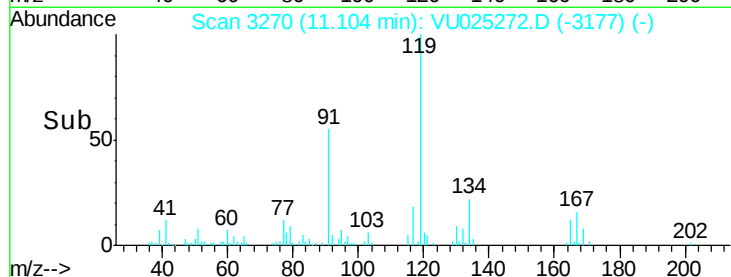
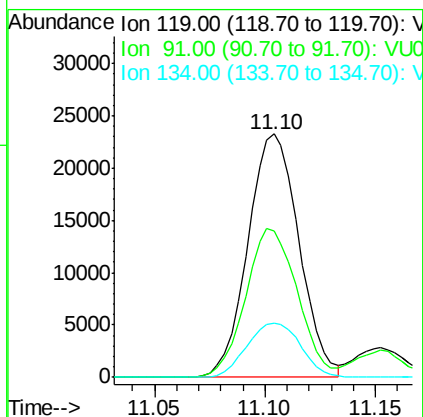
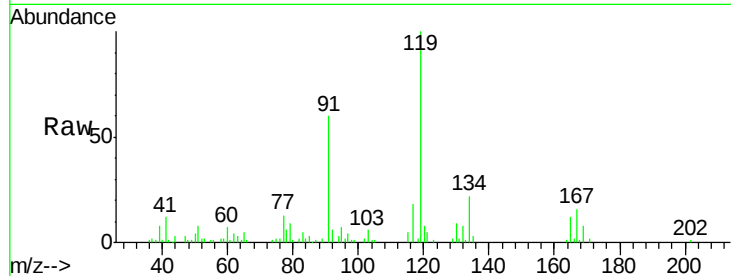




#83
 tert-Butylbenzene
 Concen: 5.021 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

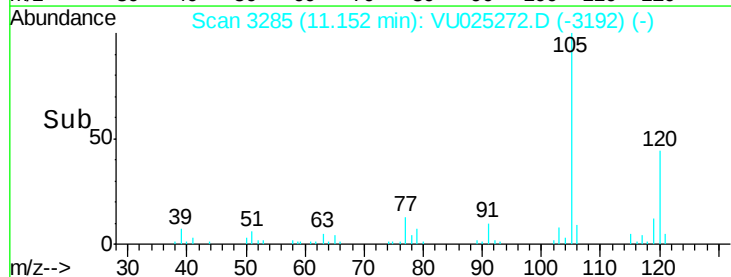
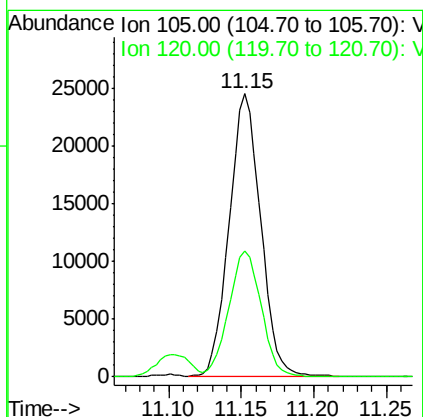
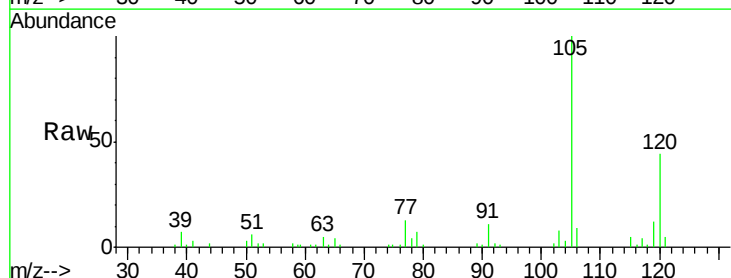
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

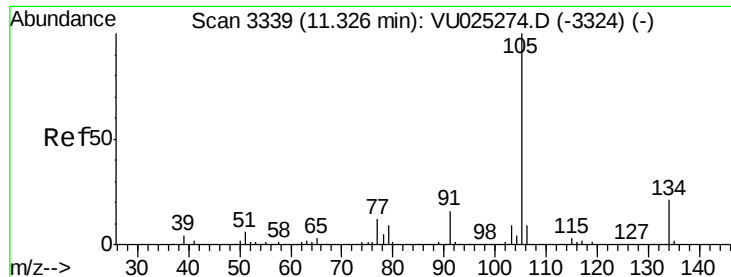
Tgt Ion:119 Resp: 37247
 Ion Ratio Lower Upper
 119 100
 91 62.3 29.7 89.1
 134 23.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.931 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion:105 Resp: 37098
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8

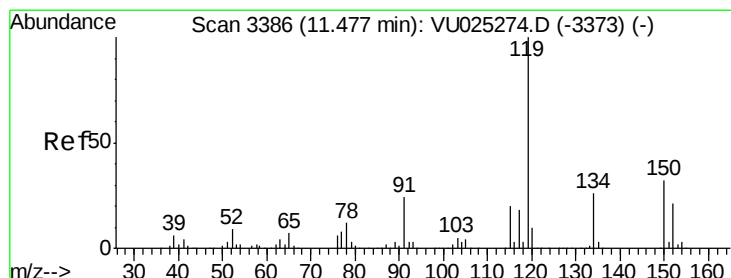
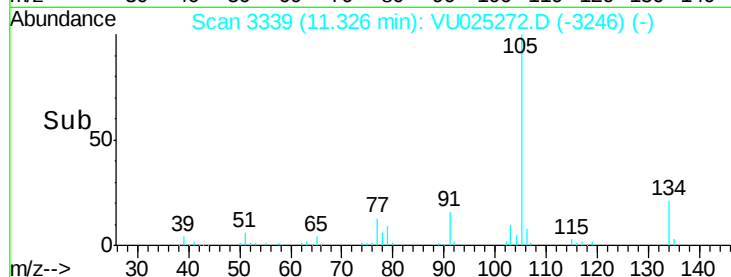
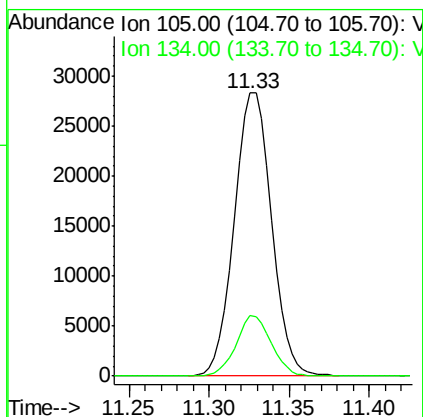
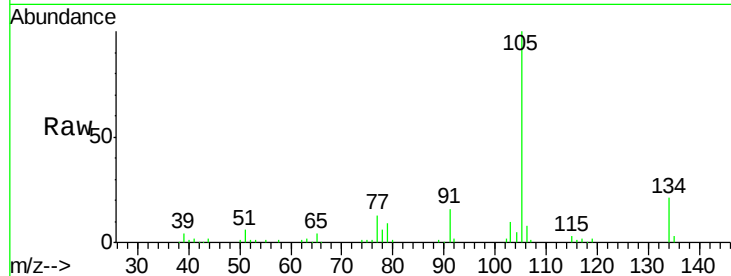




#85
 sec-Butylbenzene
 Concen: 5.141 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

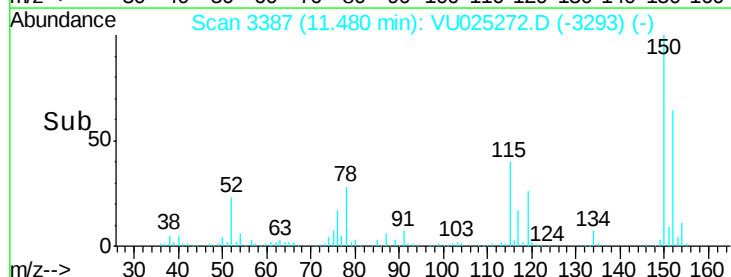
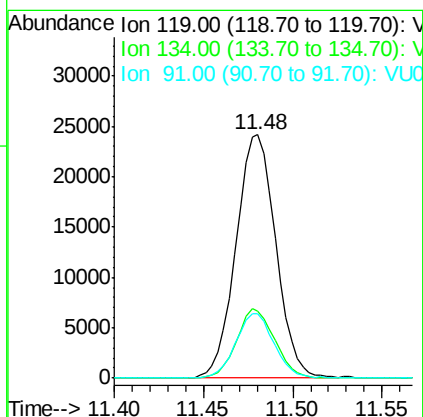
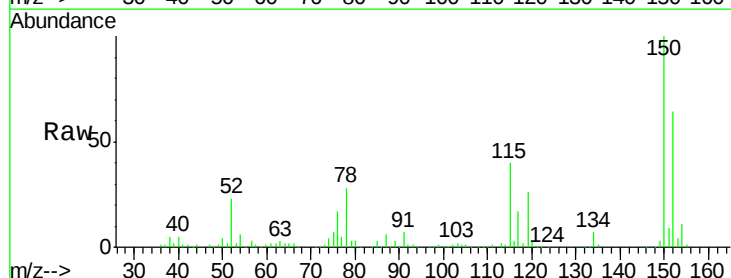
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

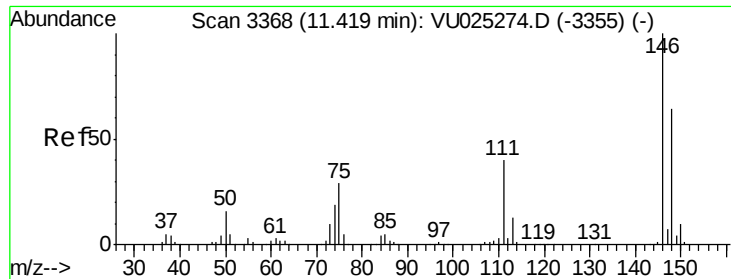
Tgt Ion:105 Resp: 44905
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.860 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion:119 Resp: 37589
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 25.4 12.0 36.1

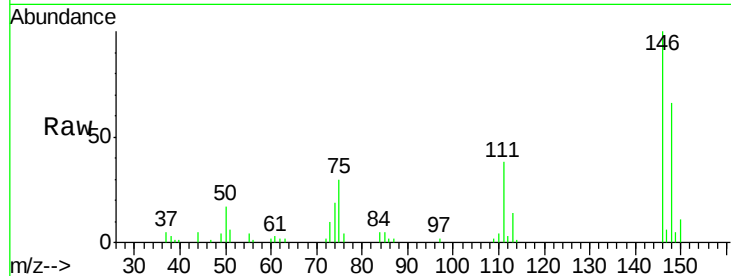




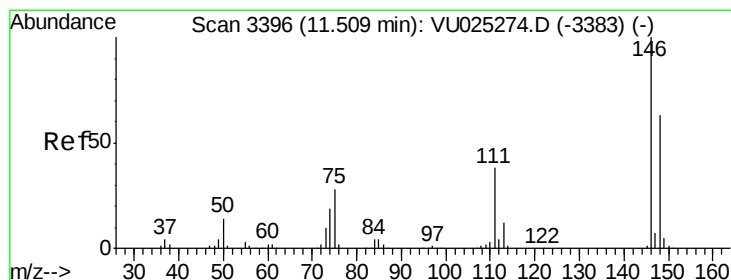
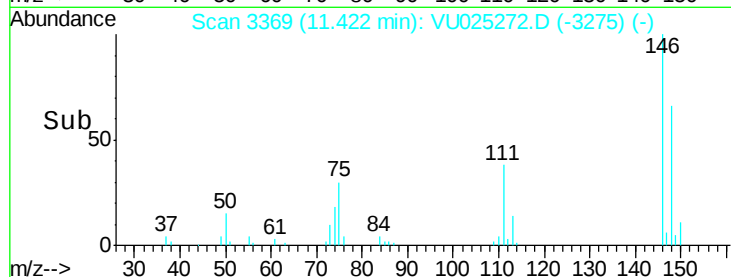
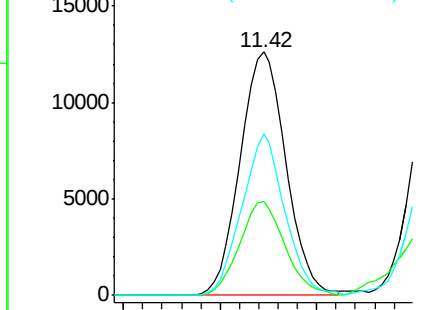
#87
 1,3-Dichlorobenzene
 Concen: 5.099 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 20797
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.7 59.1
 148 61.9 32.1 96.3

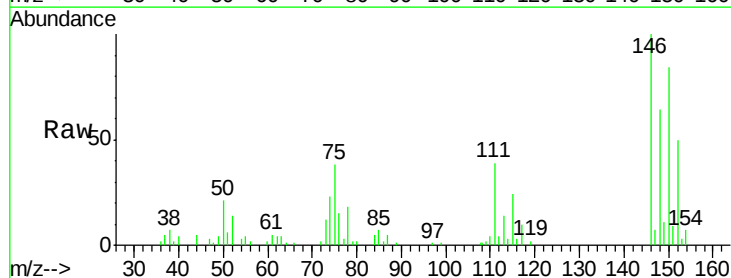


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

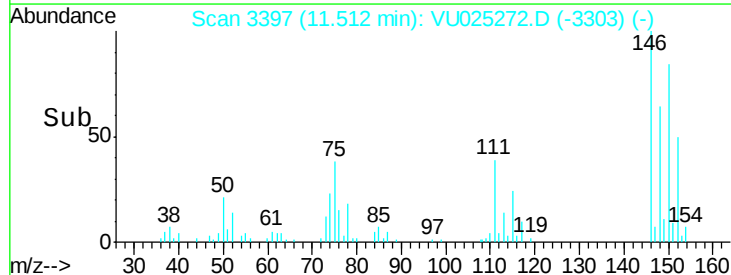
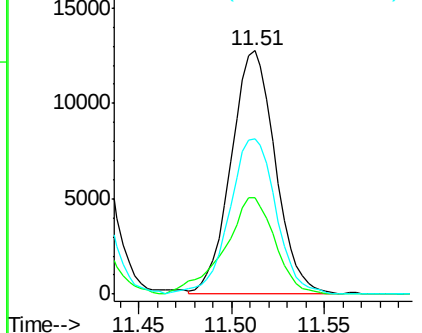


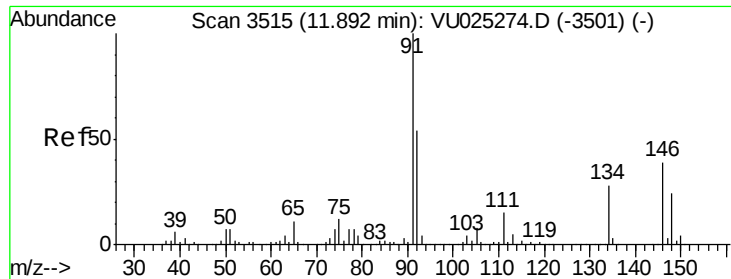
#88
 1,4-Dichlorobenzene
 Concen: 5.049 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion:146 Resp: 21152
 Ion Ratio Lower Upper
 146 100
 111 45.1 19.4 58.1
 148 66.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.613 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025272.D

Acq: 09 Jul 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

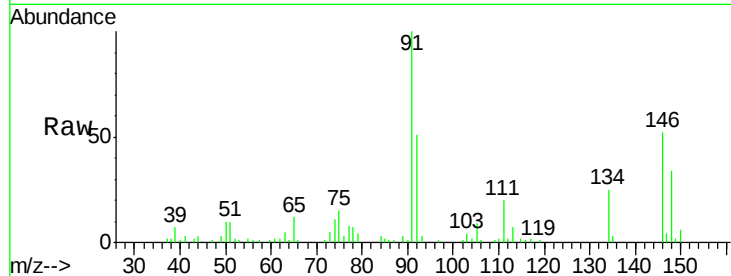
Tgt Ion: 91 Resp: 29331

Ion Ratio Lower Upper

91 100

92 51.1 26.5 79.5

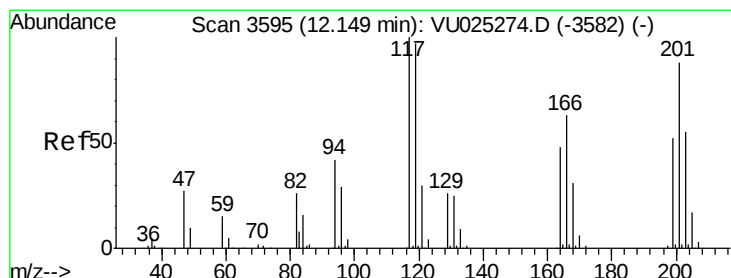
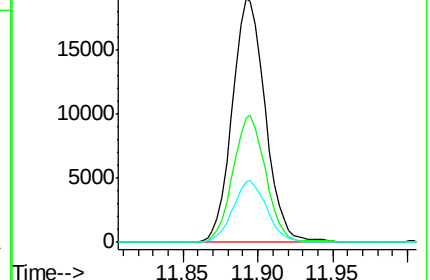
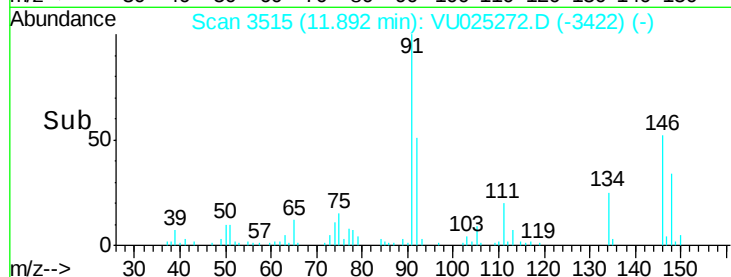
134 25.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VU025272.D (-3501) (-)

Ion 92.00 (91.70 to 92.70): VU025272.D (-3501) (-)

Ion 134.00 (133.70 to 134.70): VU025272.D (-3501) (-)



#90

Hexachloroethane

Concen: 4.627 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025272.D

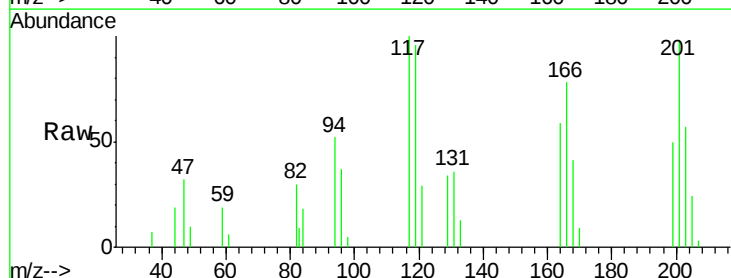
Acq: 09 Jul 2018 14:03

Tgt Ion: 117 Resp: 6059

Ion Ratio Lower Upper

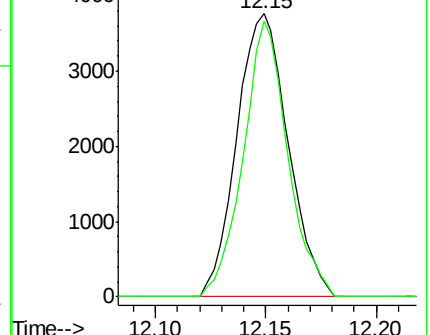
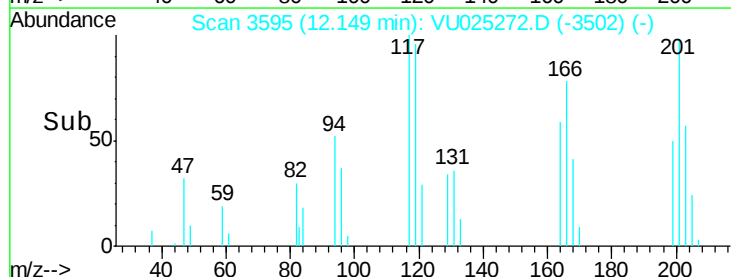
117 100

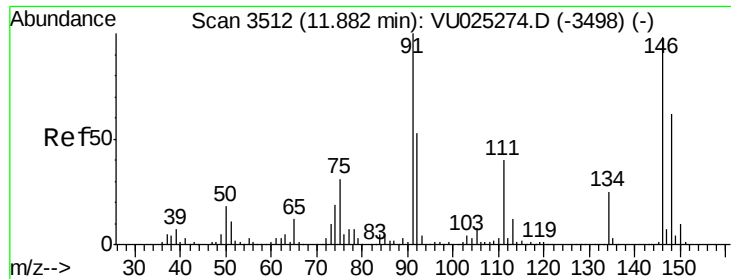
201 84.6 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU025272.D (-3582) (-)

Ion 200.70 (200.40 to 201.40): VU025272.D (-3582) (-)

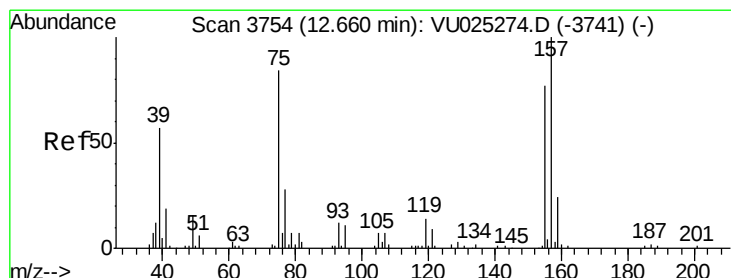
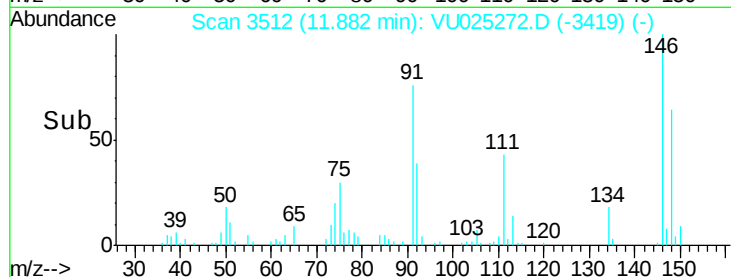
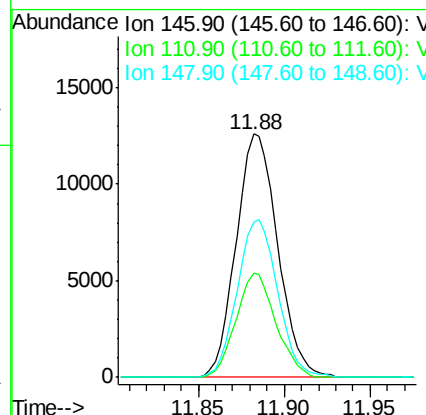
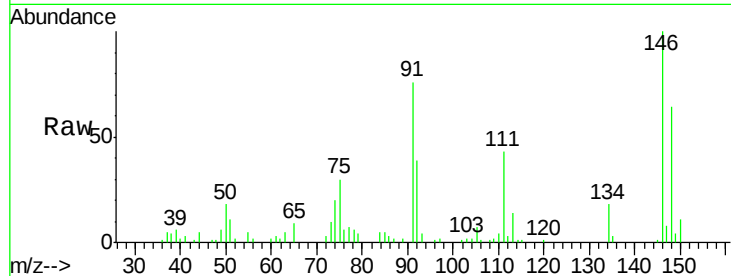




#91
 1,2-Dichlorobenzene
 Concen: 5.129 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

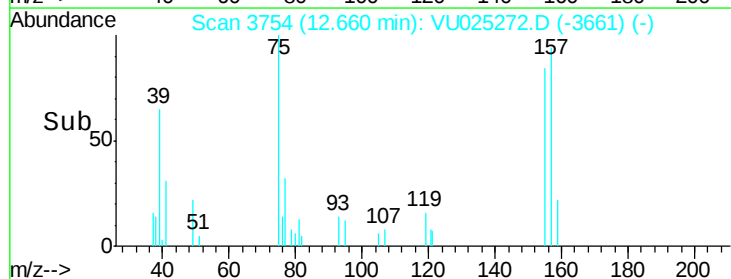
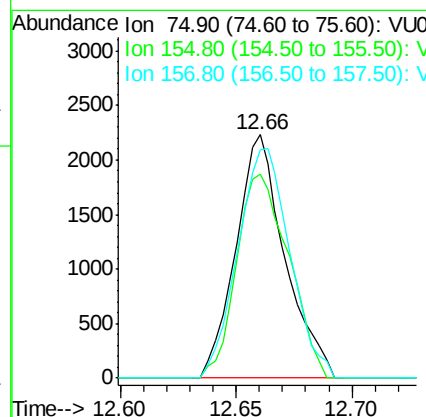
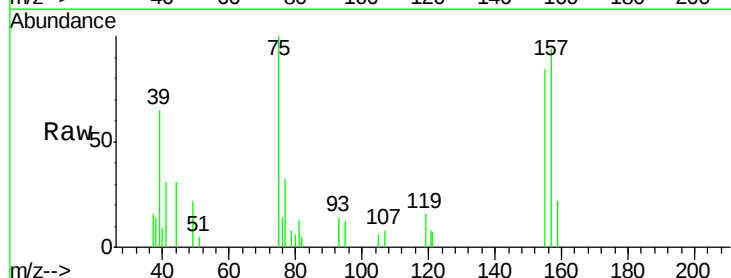
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

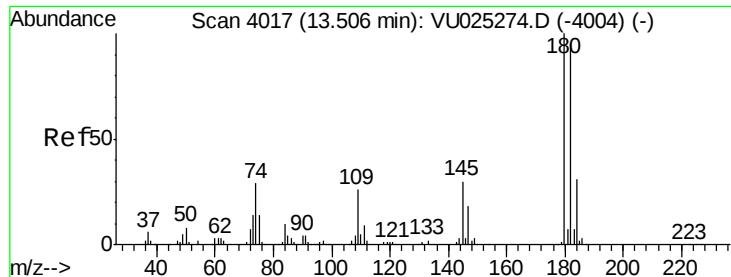
Tgt Ion: 146 Resp: 21130
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.721 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion: 75 Resp: 3268
 Ion Ratio Lower Upper
 75 100
 155 89.2 44.5 133.3
 157 100.7 57.0 170.8

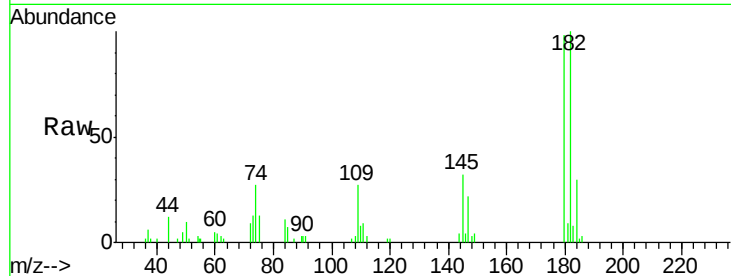




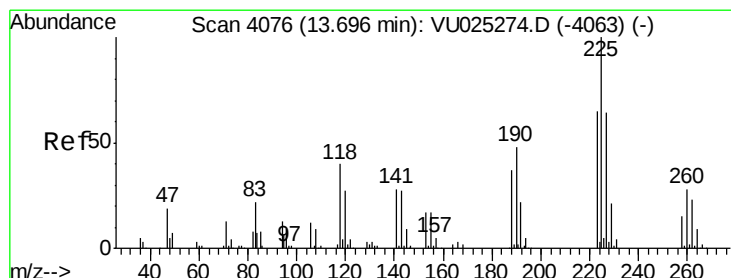
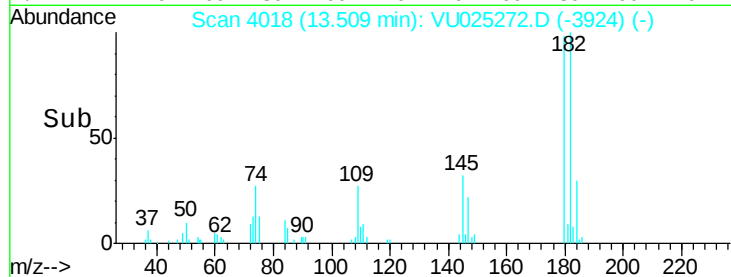
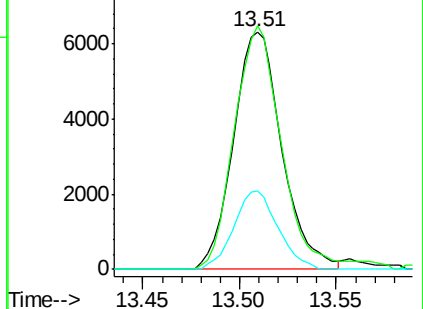
#93
 1,2,4-Trichlorobenzene
 Concen: 4.070 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 10984
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.3 141.9
 145 30.1 14.9 44.7

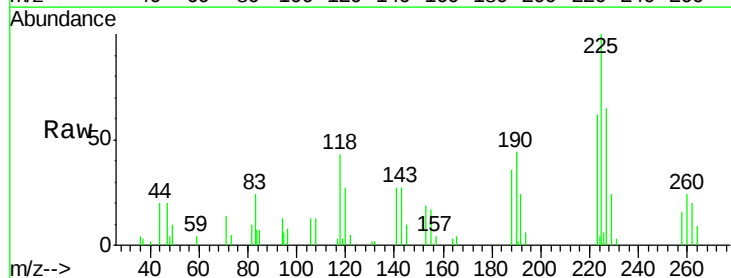


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

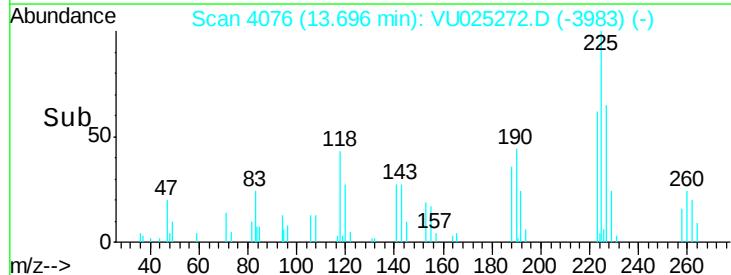
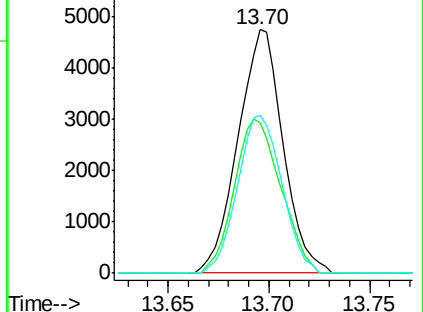


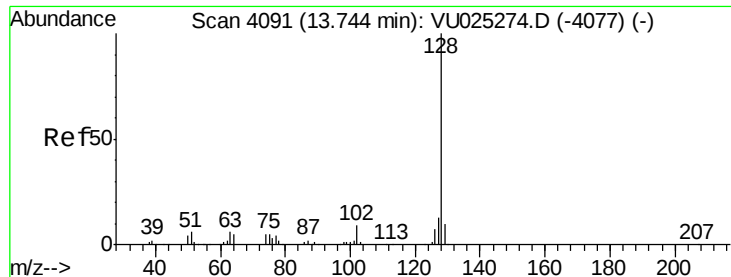
#94
 Hexachlorobutadiene
 Concen: 5.034 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025272.D
 Acq: 09 Jul 2018 14:03

Tgt Ion:225 Resp: 7417
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.9 95.7
 227 63.8 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

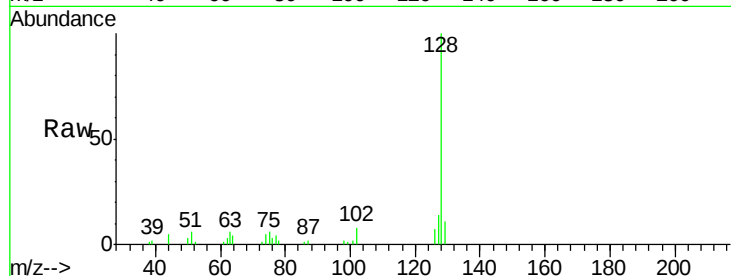




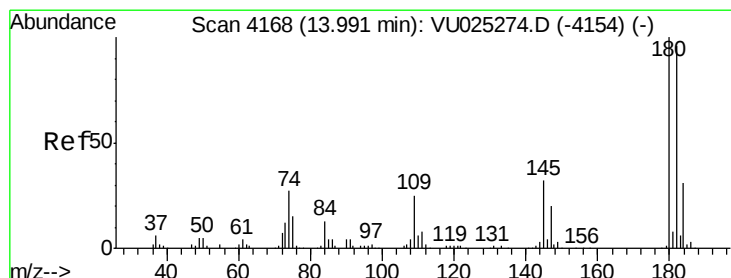
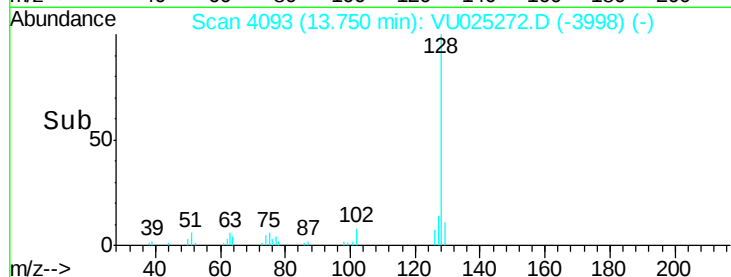
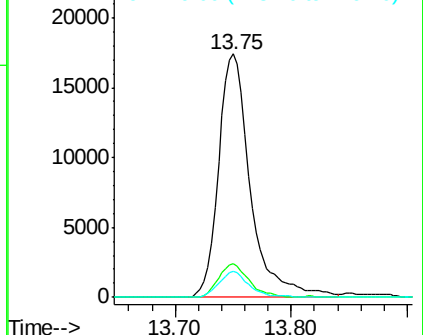
#95
Naphthalene
Concen: 3.575 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 33198
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 9.6 8.3 12.5

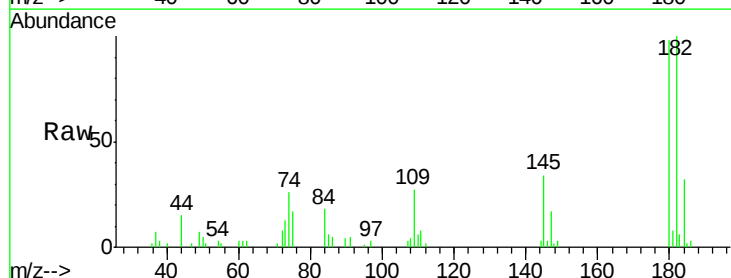


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.106 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU025272.D
Acq: 09 Jul 2018 14:03

Tgt Ion:180 Resp: 11950
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 32.8 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

