

Data File : VX007327.D
Acq On : 01 Feb 2019 10:29
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Feb 02 00:21:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 00:12:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	464712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	680095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	631593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	336797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	97761	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
35) Dibromofluoromethane	5.50	113	88388	19.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.94%	
50) Toluene-d8	8.71	98	327926	19.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.94%	
62) 4-Bromofluorobenzene	11.13	95	117671	19.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	117197	22.624	ug/l	99
3) Chloromethane	1.33	50	104659	19.995	ug/l	98
4) Vinyl Chloride	1.41	62	105106	20.468	ug/l	98
5) Bromomethane	1.64	94	94769	16.213	ug/l	97
6) Chloroethane	1.73	64	62258	18.742	ug/l	98
7) Trichlorofluoromethane	1.93	101	156327	19.461	ug/l	100
8) Diethyl Ether	2.19	74	58353	19.300	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90815	19.006	ug/l	99
10) Methyl Iodide	2.51	142	136522	19.423	ug/l	97
11) Tert butyl alcohol	3.06	59	99487	97.461	ug/l	98
12) 1,1-Dichloroethene	2.38	96	83657	18.854	ug/l	99
13) Acrolein	2.29	56	45547	95.152	ug/l	98
14) Allyl chloride	2.73	41	138430	19.148	ug/l	99
15) Acrylonitrile	3.15	53	234113	92.710	ug/l	99
16) Acetone	2.44	43	211969	93.814	ug/l	100
17) Carbon Disulfide	2.57	76	209365	17.882	ug/l	98
18) Methyl Acetate	2.78	43	115713	18.100	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	270167	18.794	ug/l	97
20) Methylene Chloride	2.86	84	93484	18.302	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	88596	18.744	ug/l	96
22) Diisopropyl ether	3.87	45	257152	19.337	ug/l	99
23) Vinyl Acetate	3.82	43	1065534	96.556	ug/l	100
24) 1,1-Dichloroethane	3.70	63	146253	19.151	ug/l	99
25) 2-Butanone	4.69	43	301500	93.765	ug/l	98
26) 2,2-Dichloropropane	4.59	77	107939	18.559	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	95816	18.560	ug/l	100
28) Bromochloromethane	5.02	49	69230	19.712	ug/l	97
29) Tetrahydrofuran	5.15	42	189262	93.586	ug/l	100
30) Chloroform	5.21	83	154926	19.441	ug/l	98
31) Cyclohexane	5.58	56	132098	19.259	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	128523	19.106	ug/l	100
36) 1,1-Dichloropropene	5.80	75	113632	18.622	ug/l	99
37) Ethyl Acetate	4.84	43	113104	18.336	ug/l	98
38) Carbon Tetrachloride	5.79	117	111435	18.824	ug/l	91

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140824	19.074	ug/l	97
40) Benzene	6.14	78	340919	18.966	ug/l	100
41) Methacrylonitrile	5.04	41	63002	18.689	ug/l	98
42) 1,2-Dichloroethane	6.20	62	117340	18.867	ug/l	99
43) Isopropyl Acetate	6.45	43	177756	18.670	ug/l	100
44) Trichloroethene	7.21	130	104412	19.287	ug/l	99
45) 1,2-Dichloropropane	7.51	63	84860	18.842	ug/l	100
46) Dibromomethane	7.66	93	59819	18.275	ug/l	99
47) Bromodichloromethane	7.90	83	102884	18.546	ug/l	98
48) Methyl methacrylate	7.77	41	91681	19.251	ug/l	99
49) 1,4-Dioxane	7.74	88	44186	372.805	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	598303	95.457	ug/l	99
52) Toluene	8.78	92	218768	18.864	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	109952	18.452	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126724	19.339	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91109	18.847	ug/l	98
56) Ethyl methacrylate	9.18	69	127336	19.018	ug/l	97
57) 1,3-Dichloropropane	9.37	76	144126	18.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	339931	96.324	ug/l	99
59) 2-Hexanone	9.49	43	464826	95.302	ug/l	100
60) Dibromochloromethane	9.58	129	88180	19.287	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95874	18.727	ug/l	97
64) Tetrachloroethene	9.33	164	117179	19.684	ug/l	98
65) Chlorobenzene	10.13	112	258314	18.742	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	87880	19.018	ug/l	99
67) Ethyl Benzene	10.25	91	423855	19.097	ug/l	98
68) m/p-Xylenes	10.36	106	335455	38.021	ug/l	99
69) o-Xylene	10.69	106	163328	19.238	ug/l	100
70) Styrene	10.71	104	259362	18.837	ug/l	99
71) Bromoform	10.85	173	63738	17.827	ug/l #	98
73) Isopropylbenzene	11.02	105	434635	18.990	ug/l	99
74) N-amyl acetate	10.90	43	163707	18.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	129218	18.526	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148233	21.709	ug/l	80
77) Bromobenzene	11.26	156	120622	18.705	ug/l	98
78) n-propylbenzene	11.36	91	490737	19.553	ug/l	99
79) 2-Chlorotoluene	11.42	91	287439	18.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	360012	19.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32332	17.135	ug/l	89
82) 4-Chlorotoluene	11.51	91	333060	18.901	ug/l	99
83) tert-Butylbenzene	11.77	119	342794	18.491	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	371277	19.531	ug/l	99
85) sec-Butylbenzene	11.94	105	439241	19.576	ug/l	100
86) p-Isopropyltoluene	12.06	119	388084	19.161	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217905	18.829	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	214526	18.284	ug/l	98
89) n-Butylbenzene	12.39	91	323860	18.588	ug/l	100
90) Hexachloroethane	12.60	117	54728	18.054	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215638	18.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25610	17.658	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020119\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145891	18.783	ug/l	99
94) Hexachlorobutadiene	13.78	225	69724	18.487	ug/l	98
95) Naphthalene	13.83	128	427591	18.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145822	18.651	ug/l	99

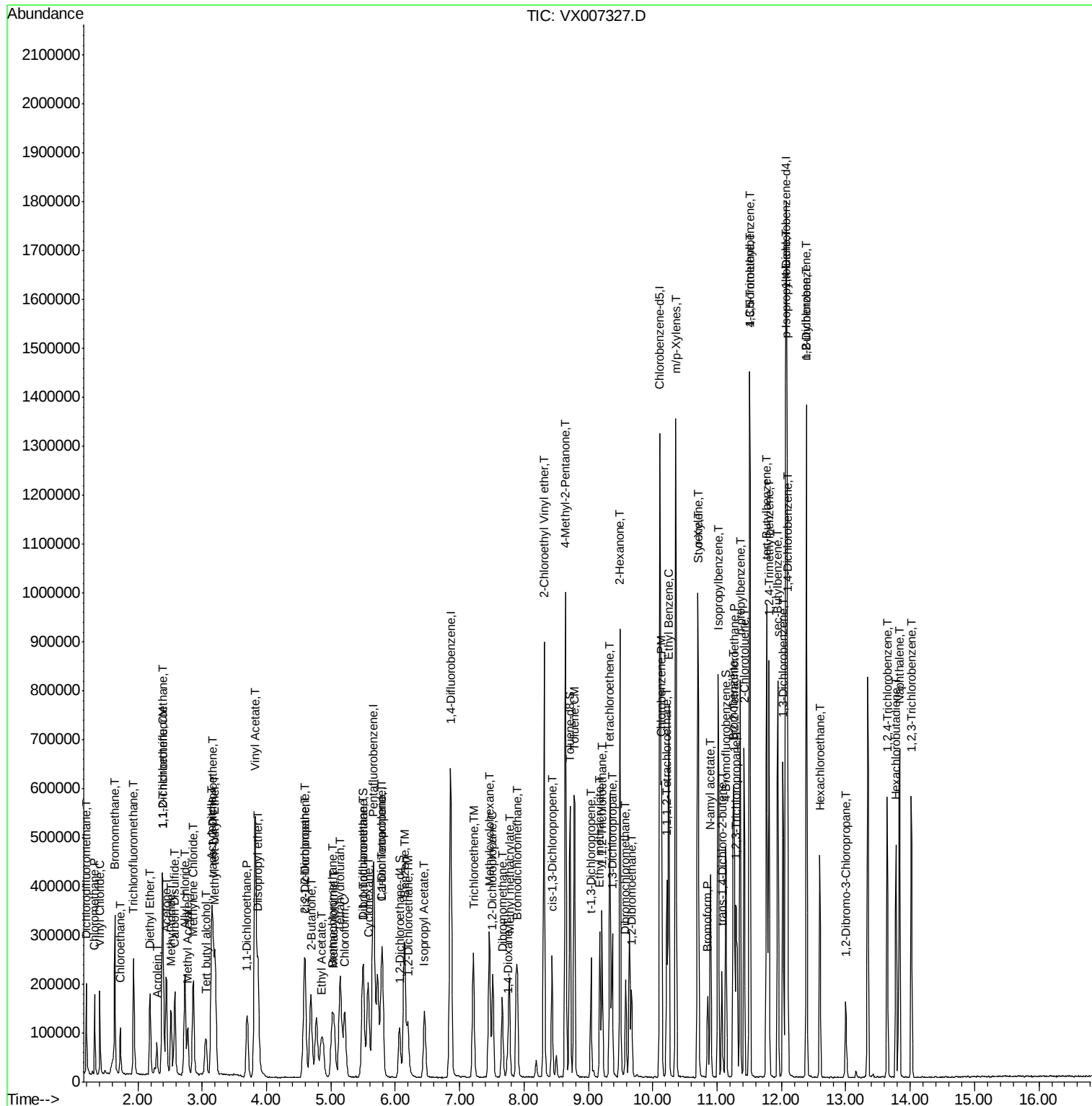
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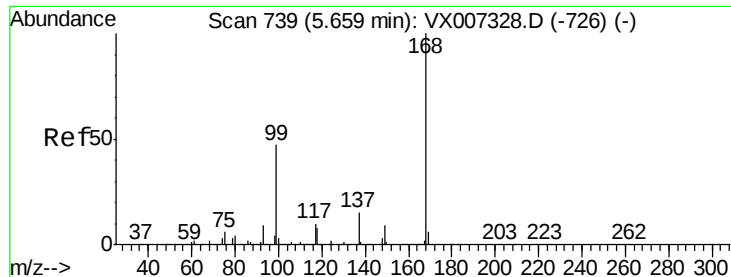
Data File : VX007327.D

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Acq On       : 01 Feb 2019   10:29
Operator     : JC/SP
Sample       : VSTDIC020
Misc        : 5.0mL/MSV0A_X/WATER
ALS Vial     : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Feb 02 00:21:58 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

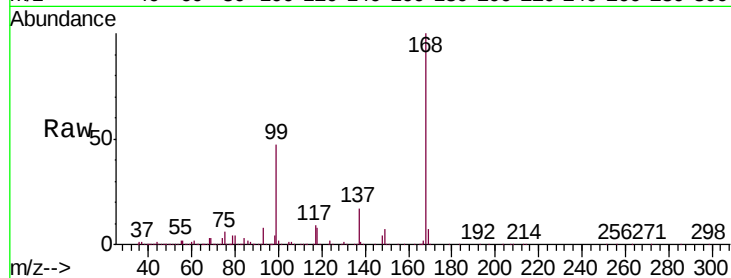
VSTDIC020

Tgt Ion:168 Resp: 464712

Ion Ratio Lower Upper

168 100

99 47.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX007327.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX007327.D (-690) (-)

5.66

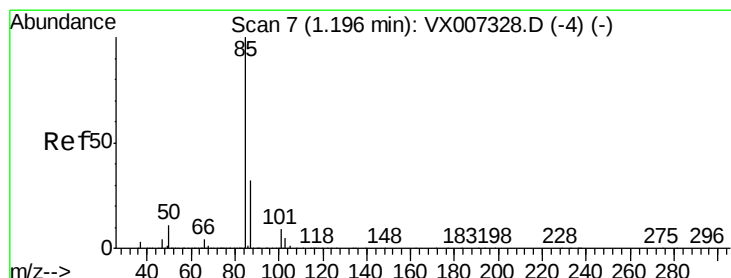
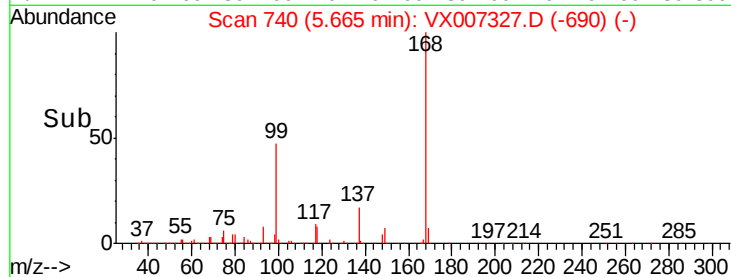
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.624 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007327.D

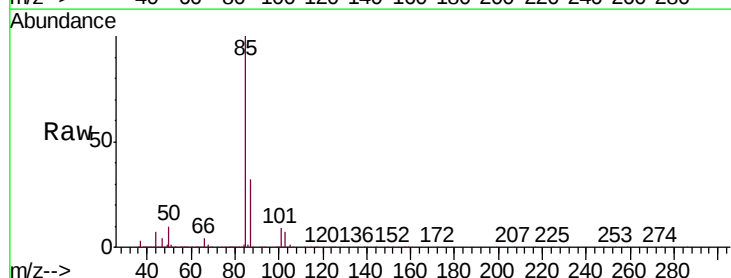
Acq: 01 Feb 2019 10:29

Tgt Ion: 85 Resp: 117197

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX007327.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX007327.D (-1) (-)

1.20

120000

100000

80000

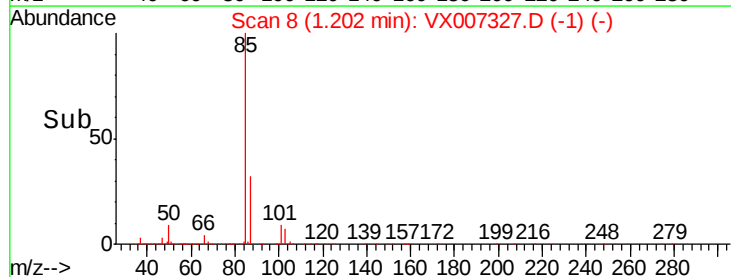
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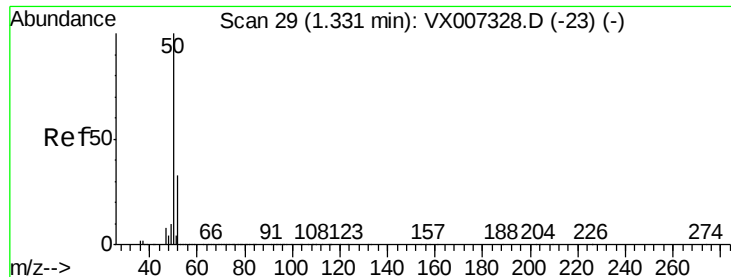
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.995 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

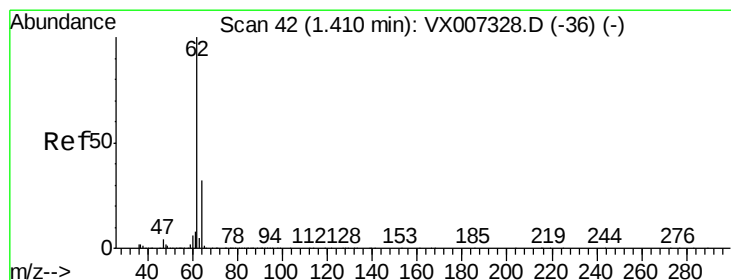
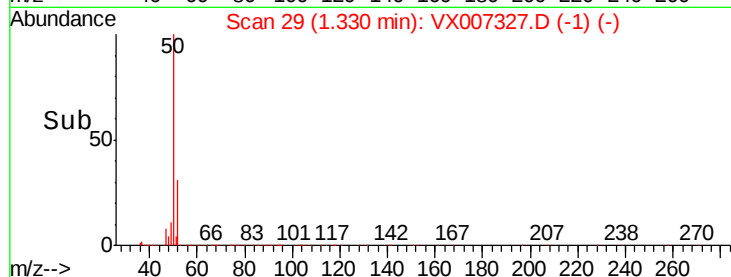
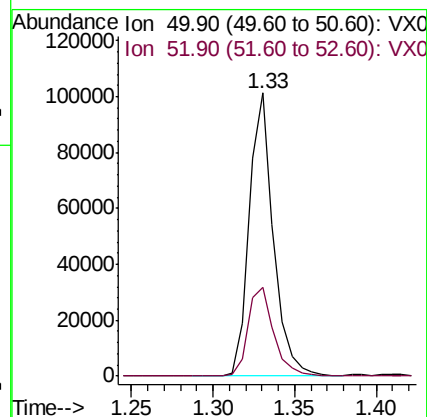
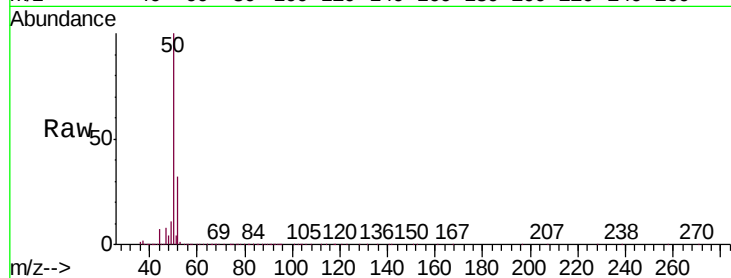
VSTDIC020

Tgt Ion: 50 Resp: 104659

Ion Ratio Lower Upper

50 100

52 31.5 26.1 39.1



#4

Vinyl Chloride

Concen: 20.468 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007327.D

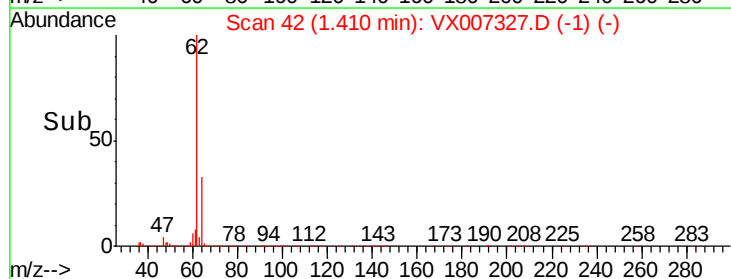
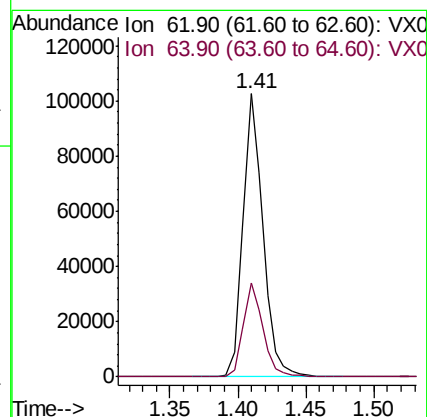
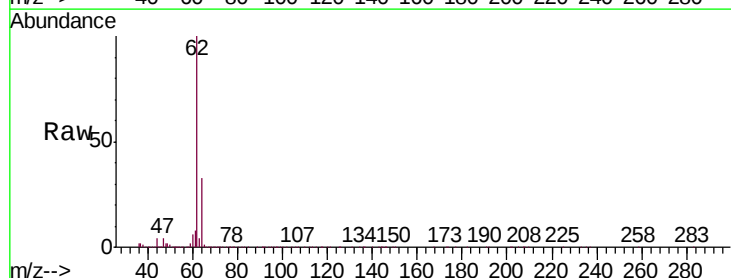
Acq: 01 Feb 2019 10:29

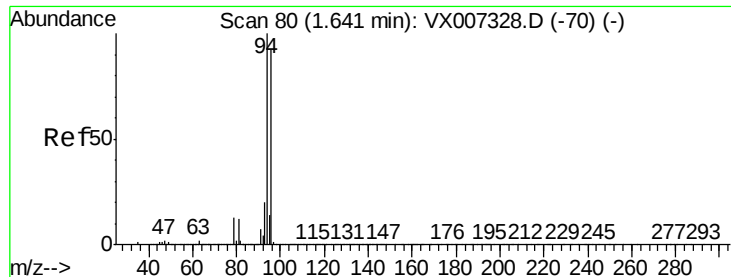
Tgt Ion: 62 Resp: 105106

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 16.213 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

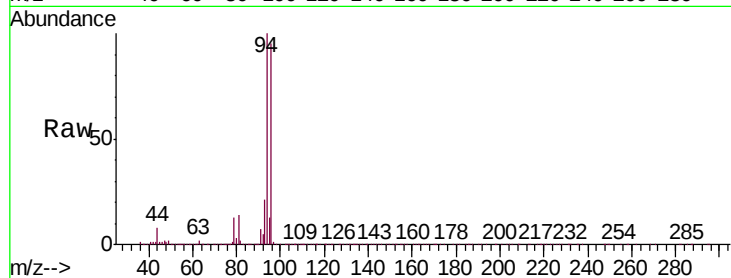
VSTDIC020

Tgt Ion: 94 Resp: 94769

Ion Ratio Lower Upper

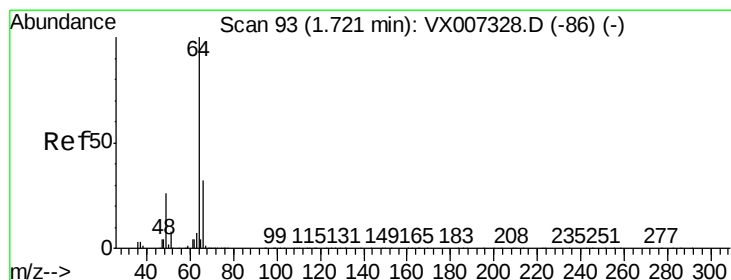
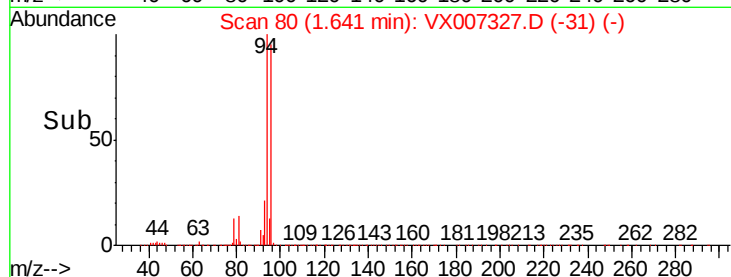
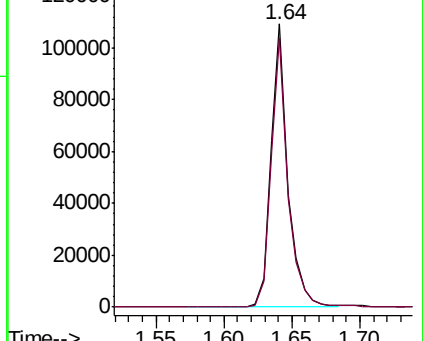
94 100

96 95.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.742 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007327.D

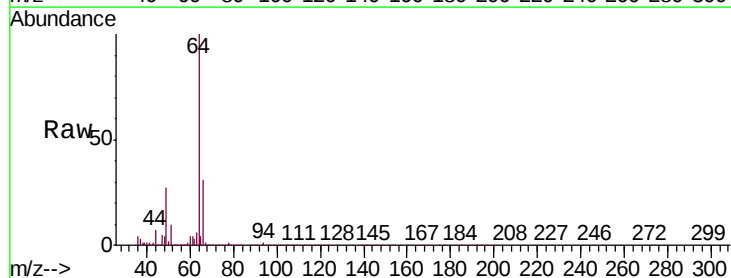
Acq: 01 Feb 2019 10:29

Tgt Ion: 64 Resp: 62258

Ion Ratio Lower Upper

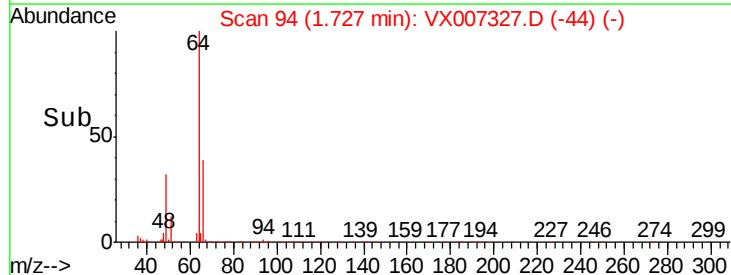
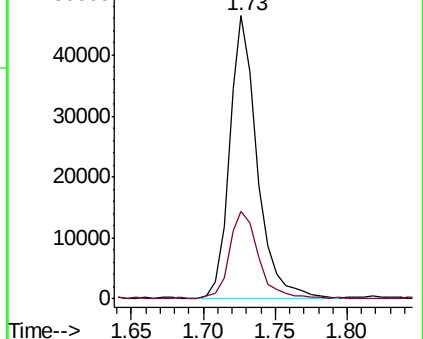
64 100

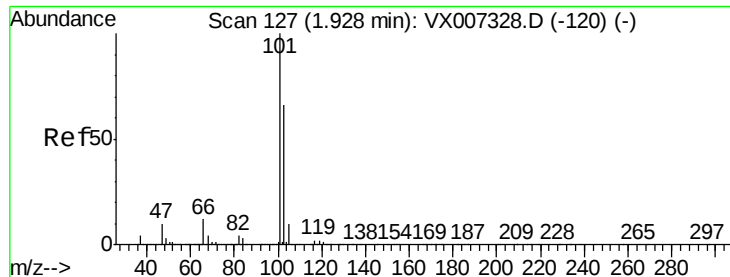
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



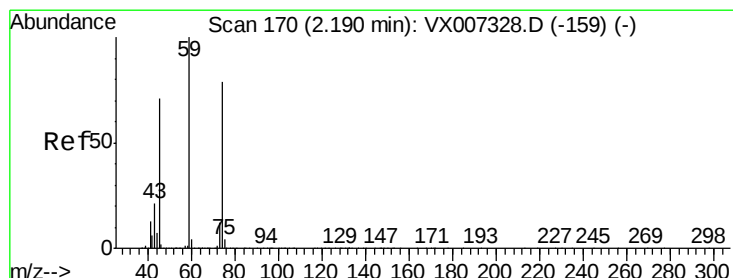
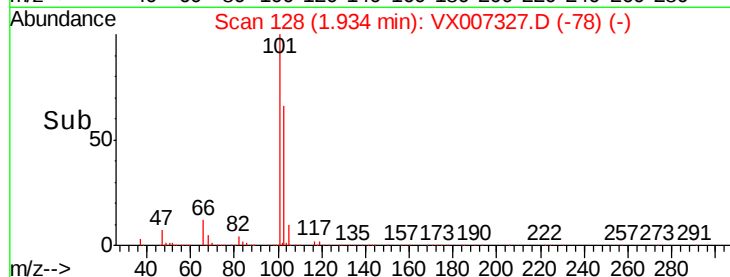
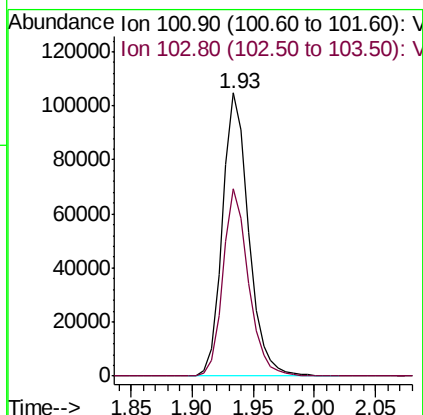
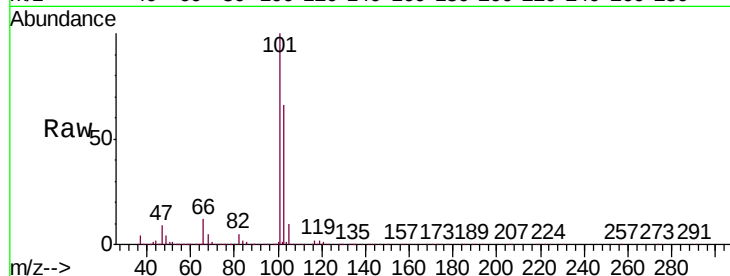


#7

Trichlorofluoromethane
 Concen: 19.461 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

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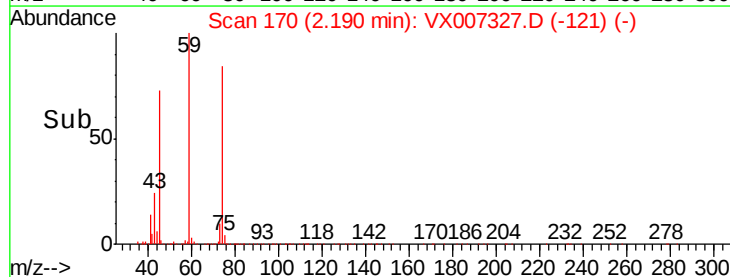
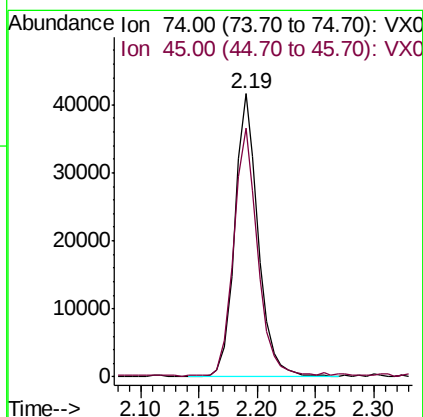
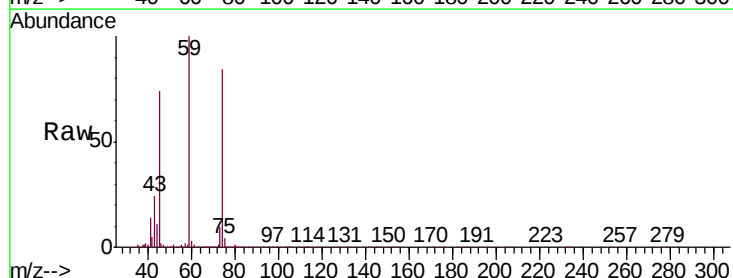
Tgt Ion: 101 Resp: 156327
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.6 79.0

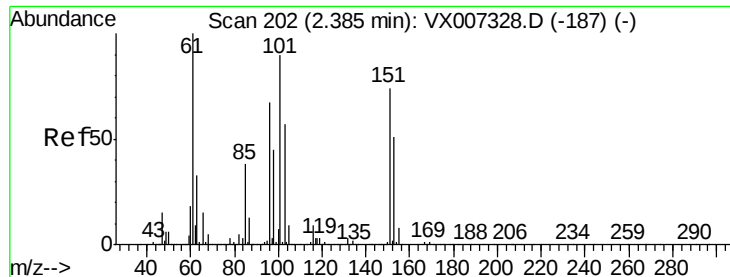


#8

Diethyl Ether
 Concen: 19.300 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 74 Resp: 58353
 Ion Ratio Lower Upper
 74 100
 45 89.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.006 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

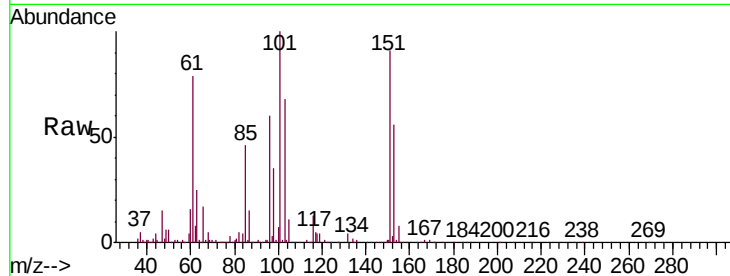
Tgt Ion:101 Resp: 90815

Ion Ratio Lower Upper

101 100

85 44.0 34.1 51.1

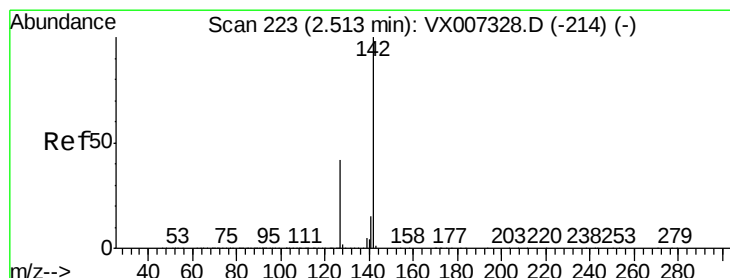
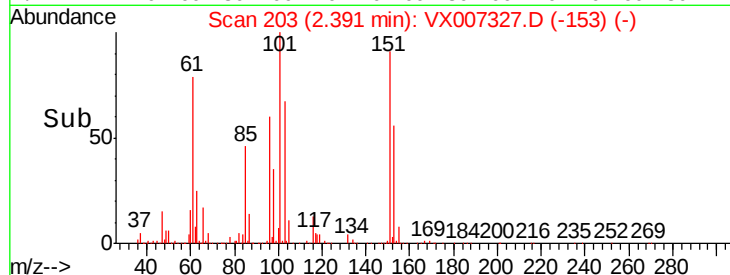
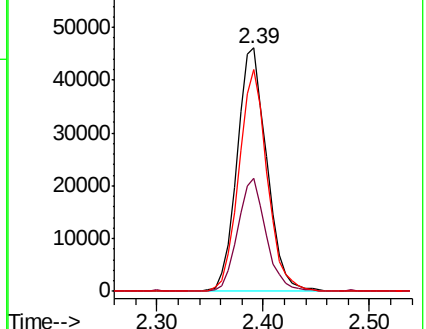
151 86.7 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.423 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

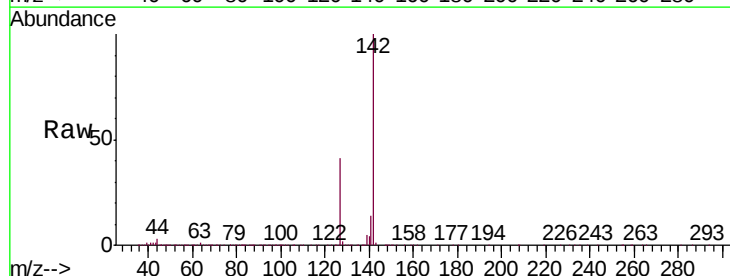
Tgt Ion:142 Resp: 136522

Ion Ratio Lower Upper

142 100

127 44.1 33.7 50.5

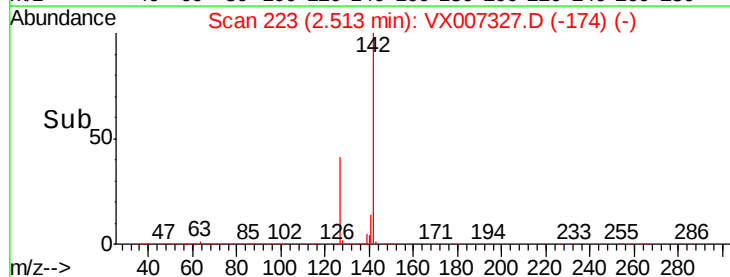
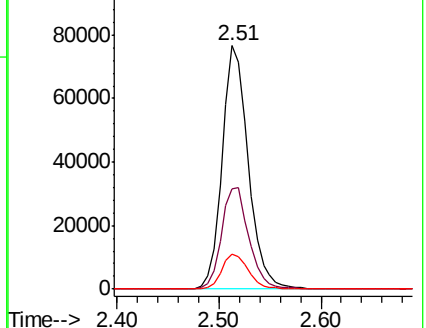
141 14.8 11.3 16.9

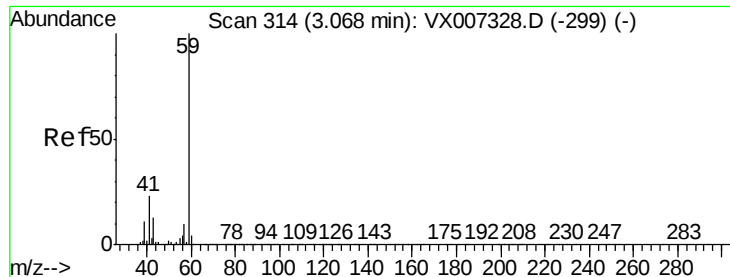


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



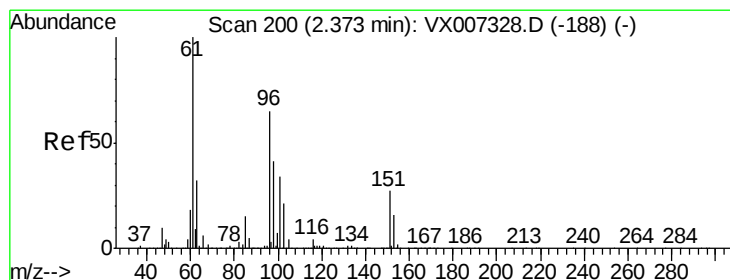
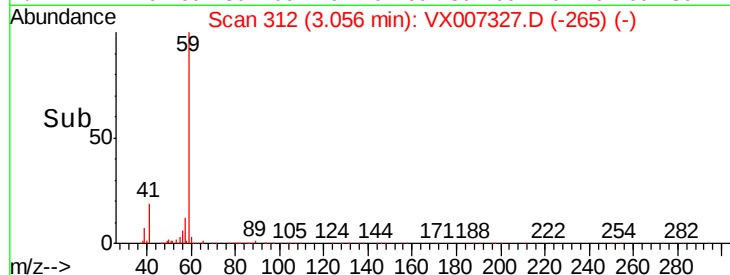
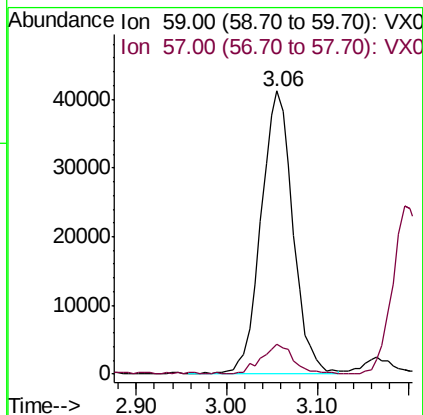
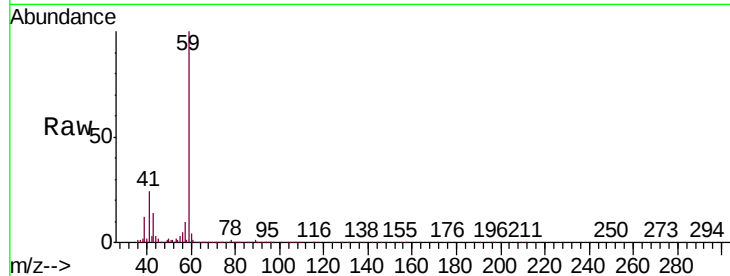


#11

Tert butyl alcohol
Concen: 97.461 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

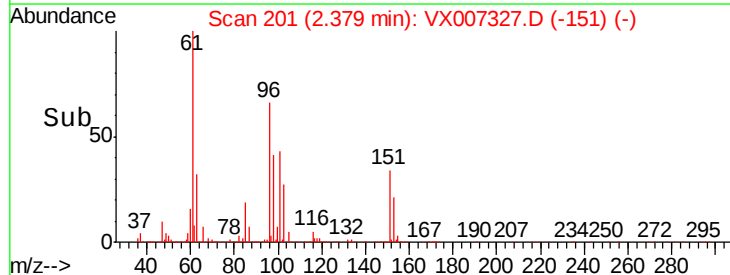
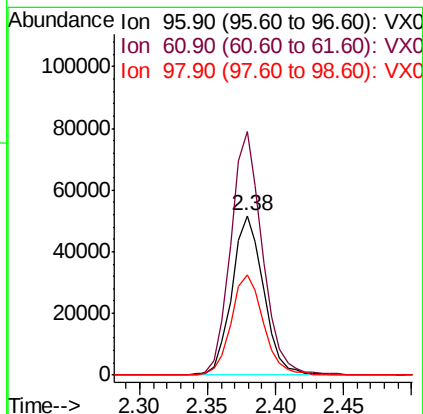
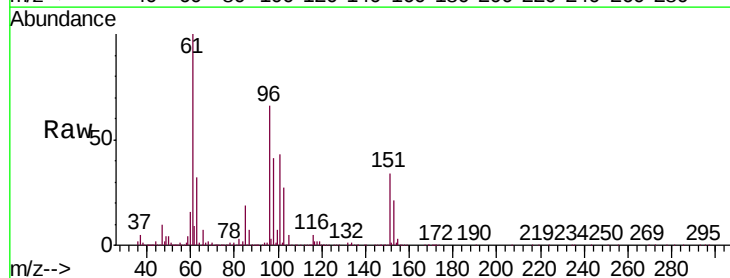
Tgt Ion: 59 Resp: 99487
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1

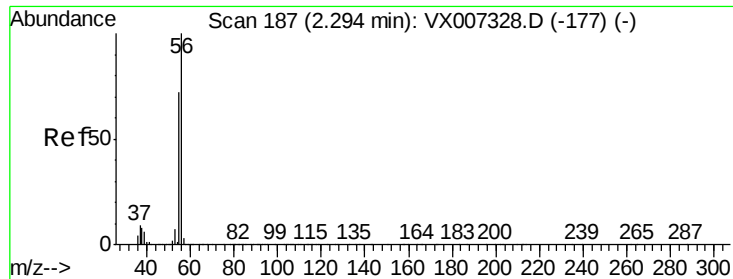


#12

1,1-Dichloroethene
Concen: 18.854 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 96 Resp: 83657
Ion Ratio Lower Upper
96 100
61 152.4 123.0 184.4
98 62.9 50.9 76.3





#13

Acrolein

Concen: 95.152 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

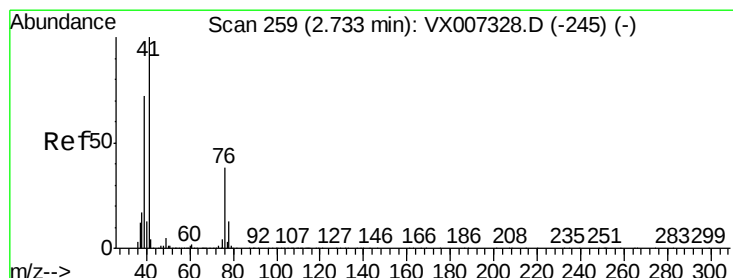
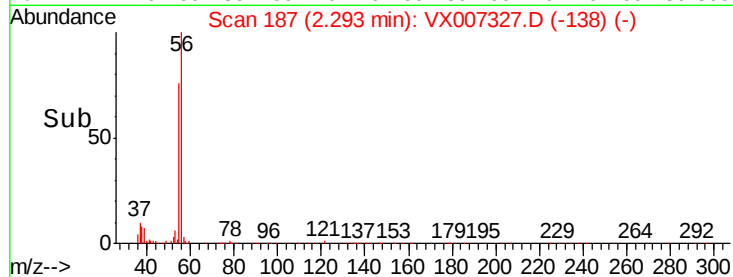
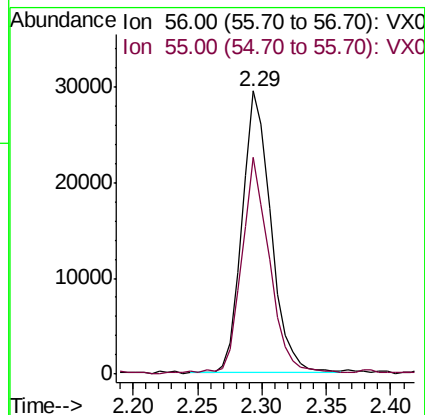
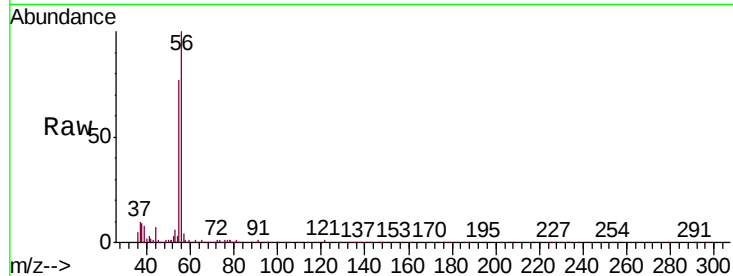
VSTDIC020

Tgt Ion: 56 Resp: 45547

Ion Ratio Lower Upper

56 100

55 72.5 56.9 85.3



#14

Allyl chloride

Concen: 19.148 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

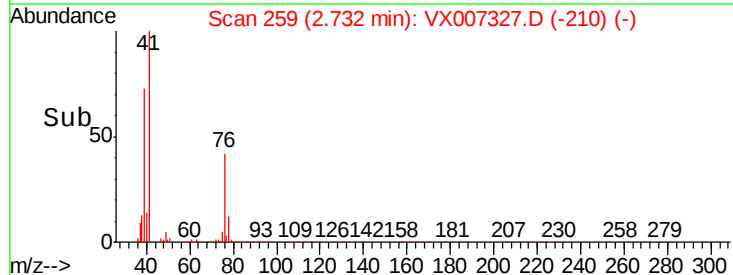
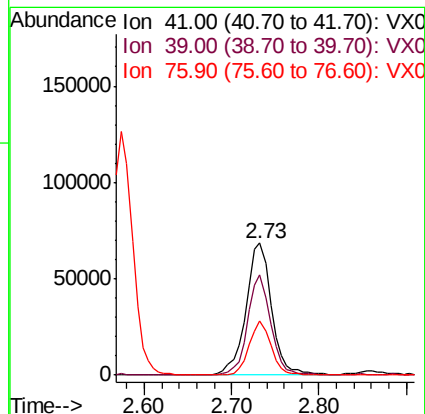
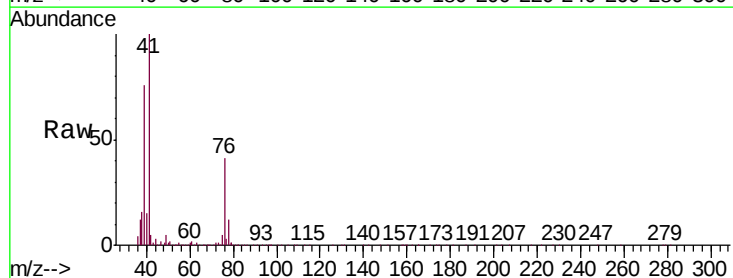
Tgt Ion: 41 Resp: 138430

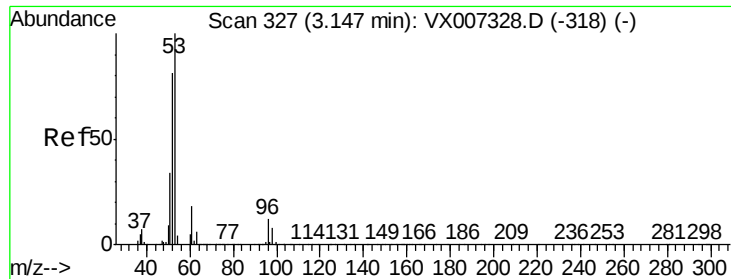
Ion Ratio Lower Upper

41 100

39 68.8 54.1 81.1

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 92.710 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

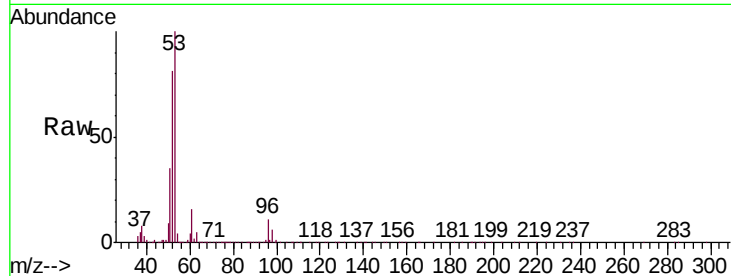
Tgt Ion: 53 Resp: 234113

Ion Ratio Lower Upper

53 100

52 81.7 66.4 99.6

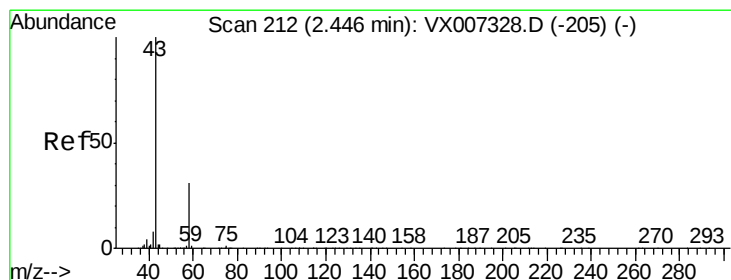
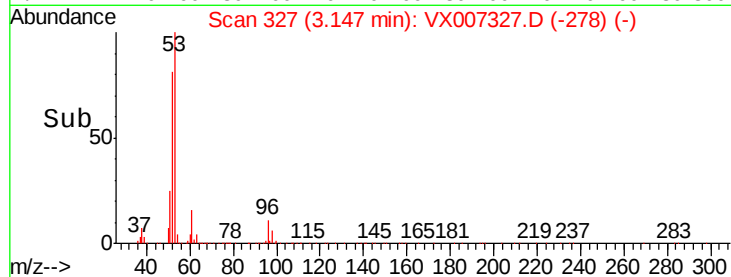
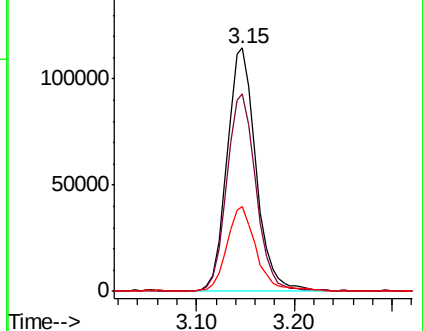
51 35.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.814 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007327.D

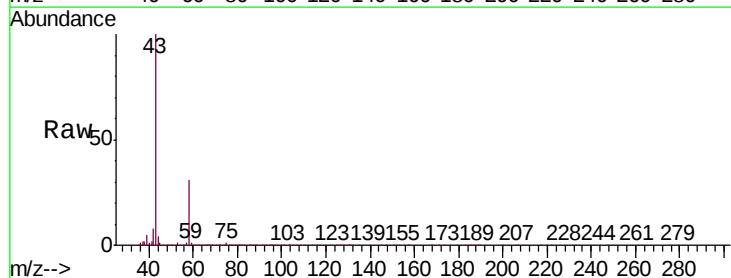
Acq: 01 Feb 2019 10:29

Tgt Ion: 43 Resp: 211969

Ion Ratio Lower Upper

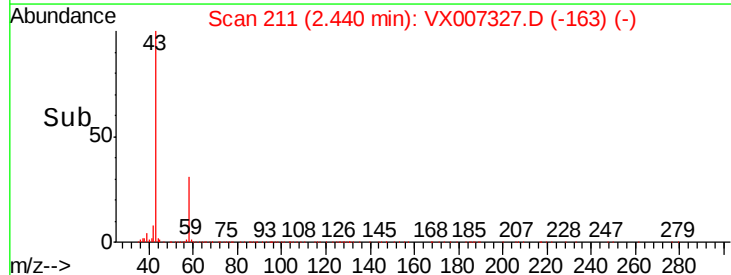
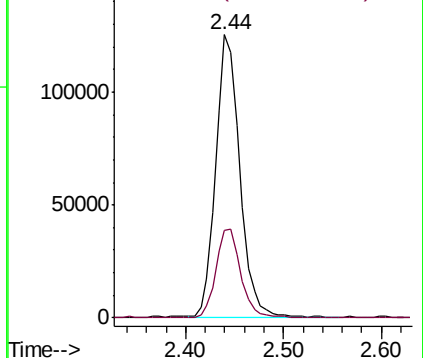
43 100

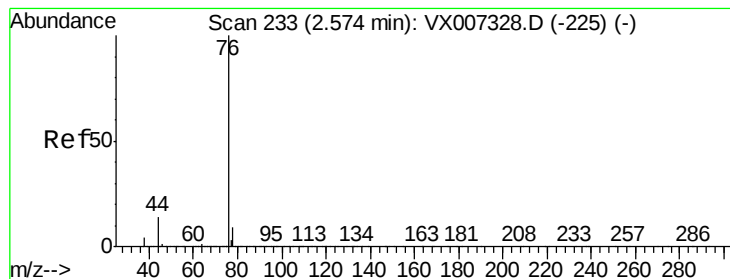
58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.882 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

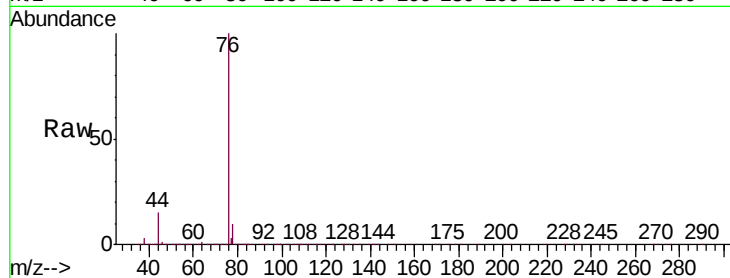
VSTDIC020

Tgt Ion: 76 Resp: 209365

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

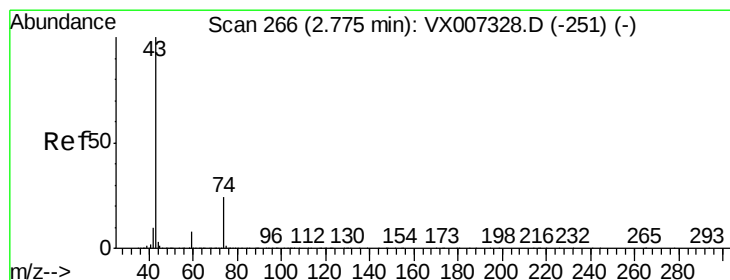
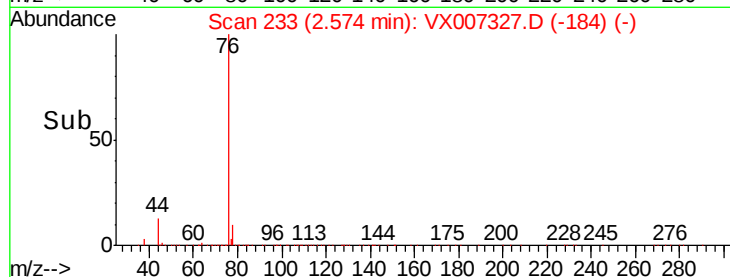
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.100 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX007327.D

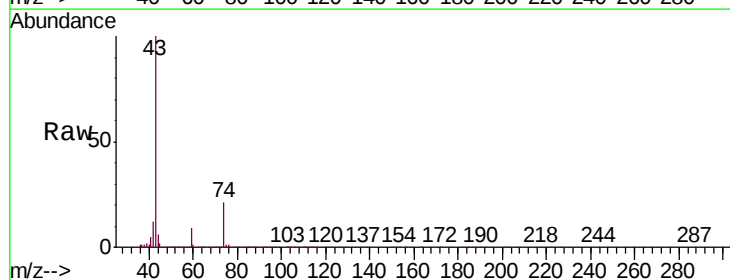
Acq: 01 Feb 2019 10:29

Tgt Ion: 43 Resp: 115713

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

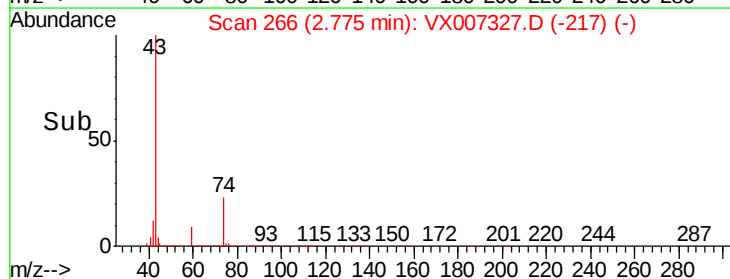
40000

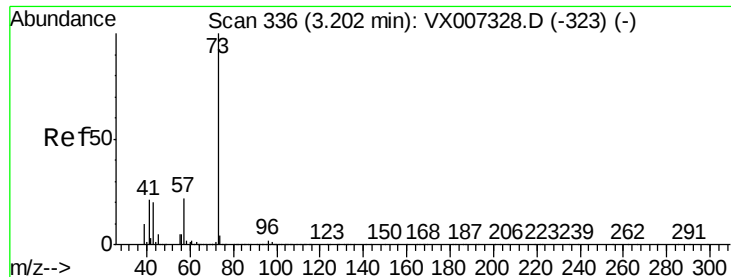
20000

0

Time-->

2.70 2.75 2.80 2.85

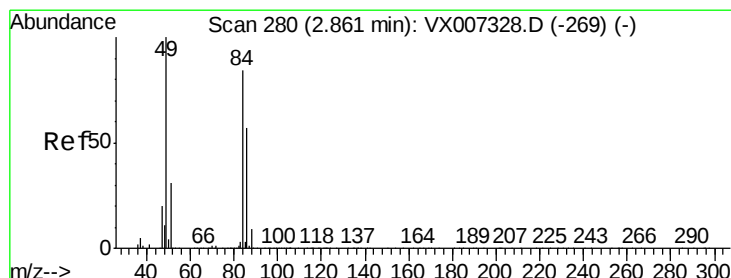
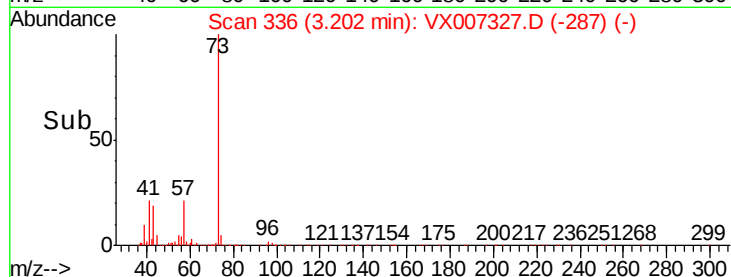
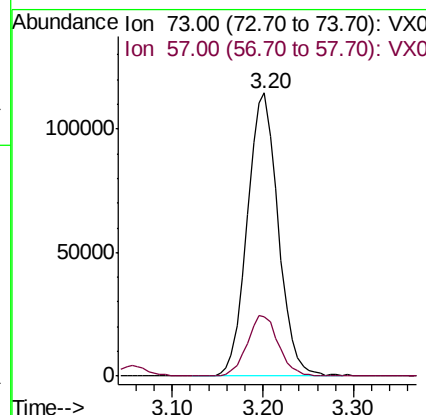
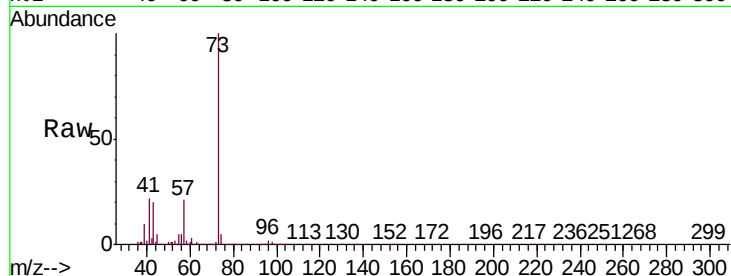




#19
Methyl tert-butyl Ether
Concen: 18.794 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

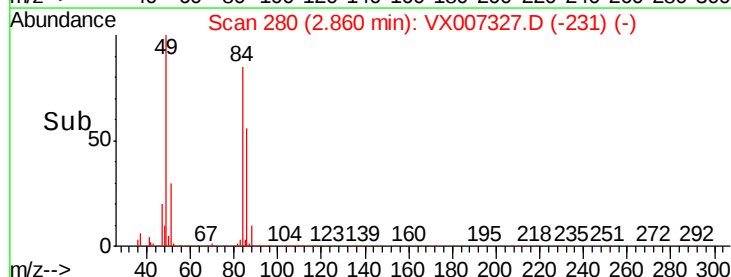
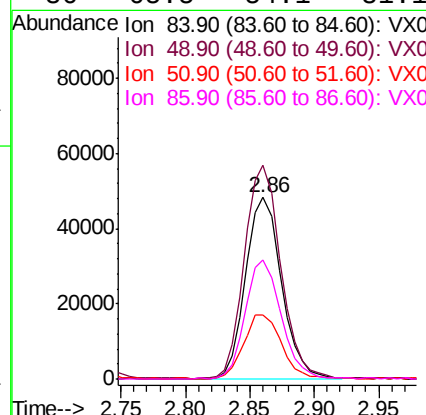
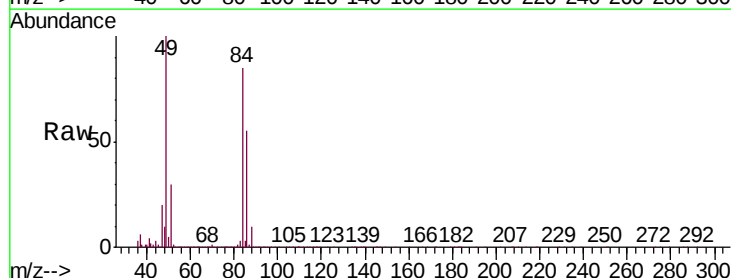
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

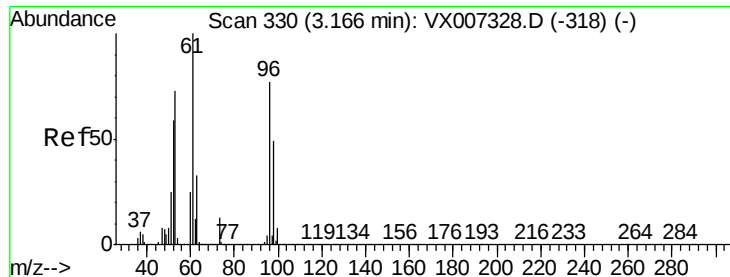
Tgt Ion: 73 Resp: 270167
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 18.302 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 84 Resp: 93484
Ion Ratio Lower Upper
84 100
49 117.6 94.8 142.2
51 35.2 29.8 44.8
86 65.5 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.744 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

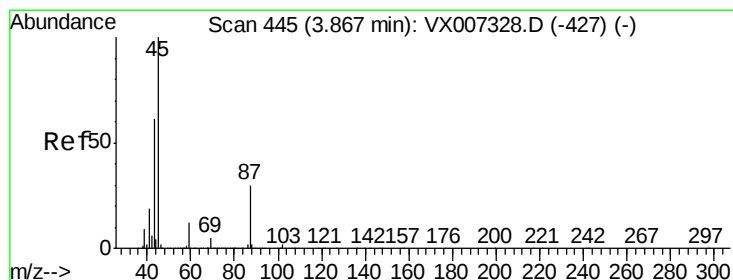
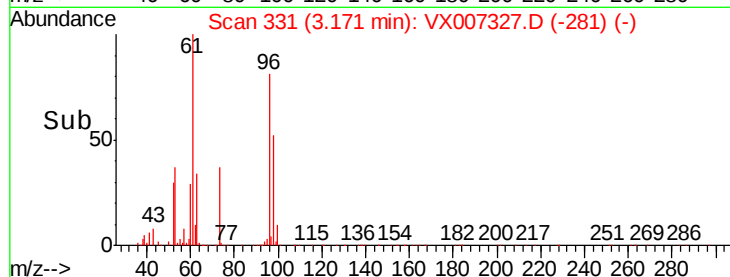
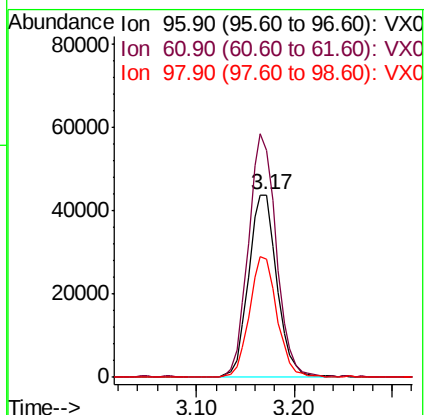
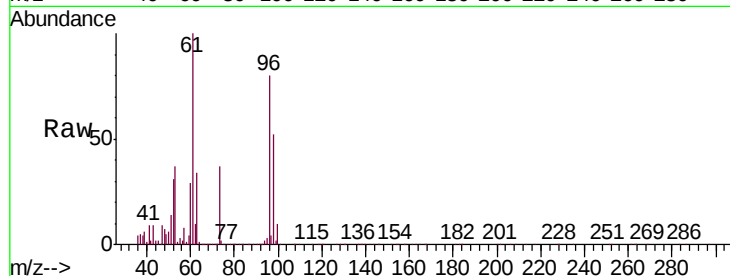
Tgt Ion: 96 Resp: 88596

Ion Ratio Lower Upper

96 100

61 124.2 104.6 156.8

98 64.4 51.0 76.4



#22

Diisopropyl ether

Concen: 19.337 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Tgt Ion: 45 Resp: 257152

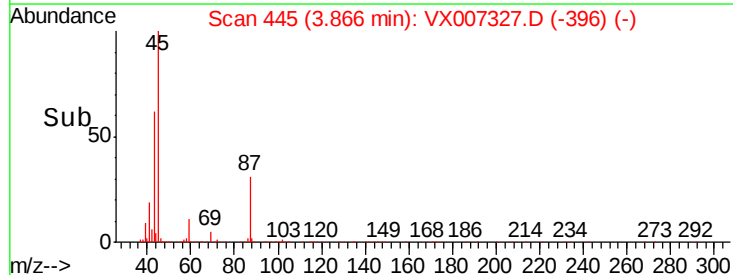
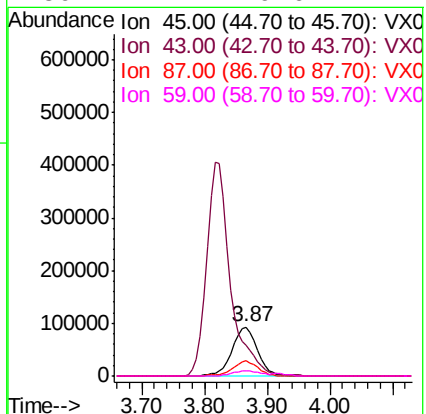
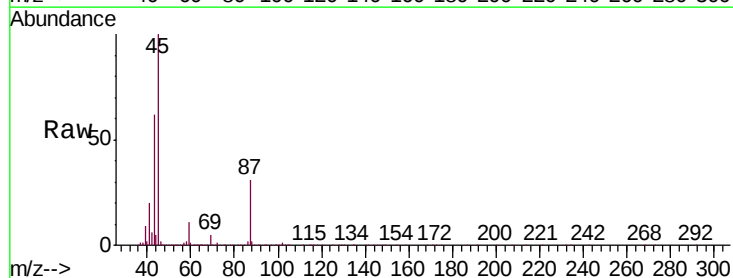
Ion Ratio Lower Upper

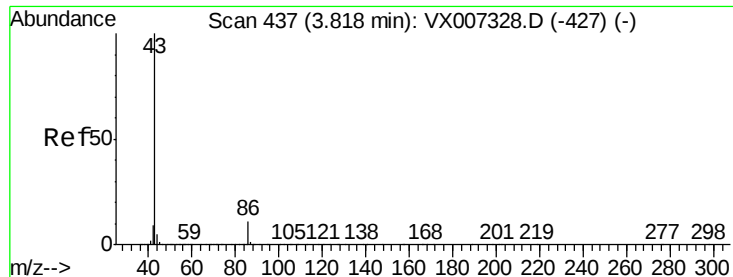
45 100

43 61.6 48.9 73.3

87 30.9 23.9 35.9

59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 96.556 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

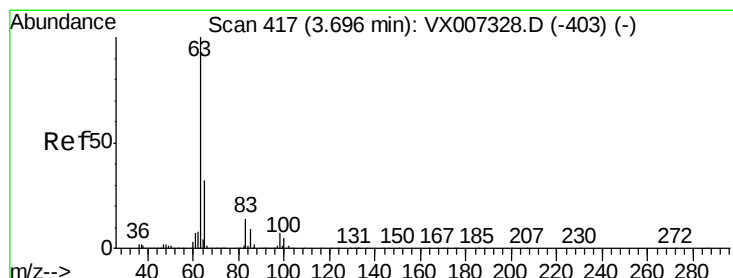
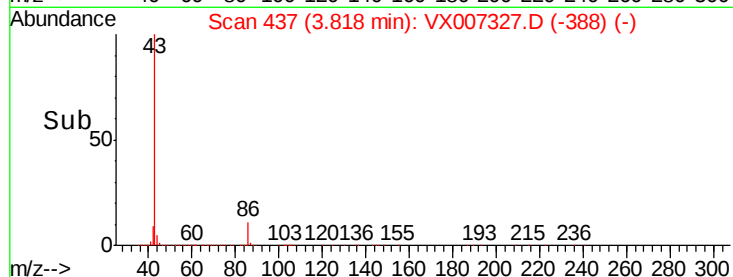
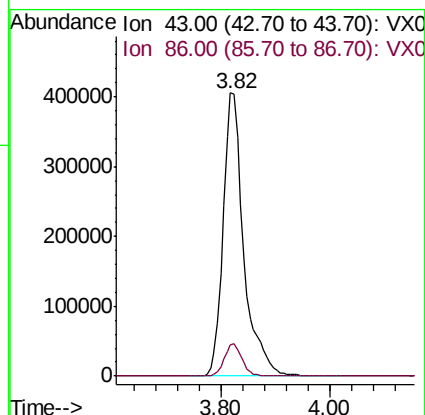
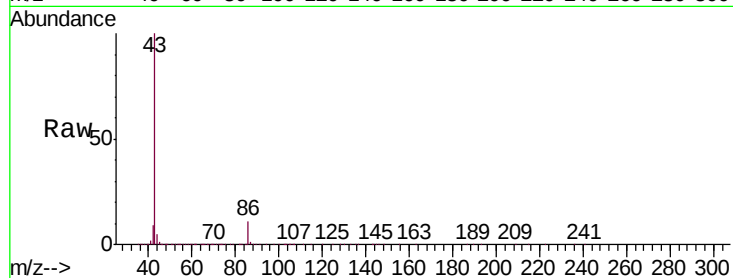
VSTDIC020

Tgt Ion: 43 Resp: 1065534

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.151 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

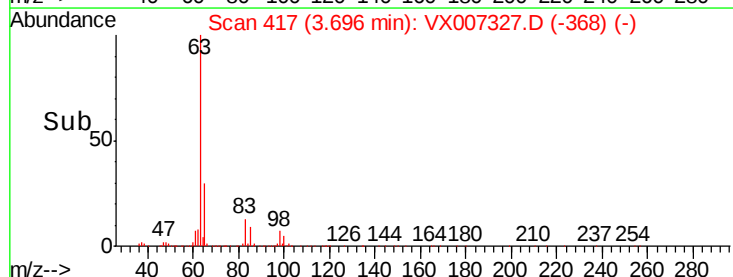
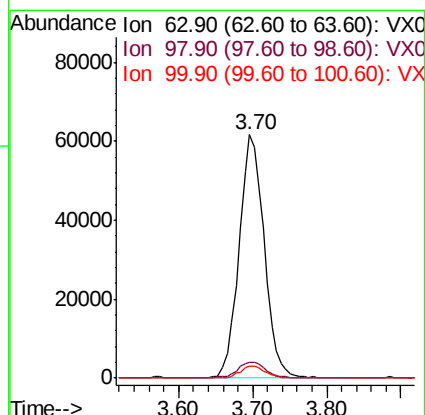
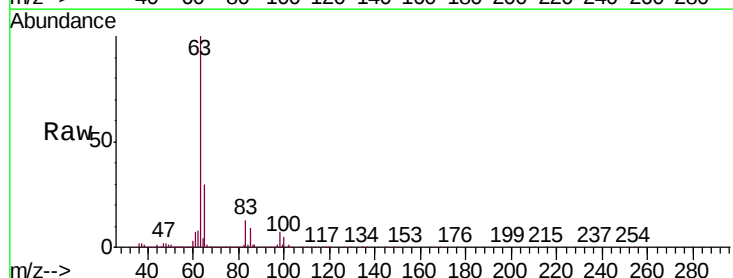
Tgt Ion: 63 Resp: 146253

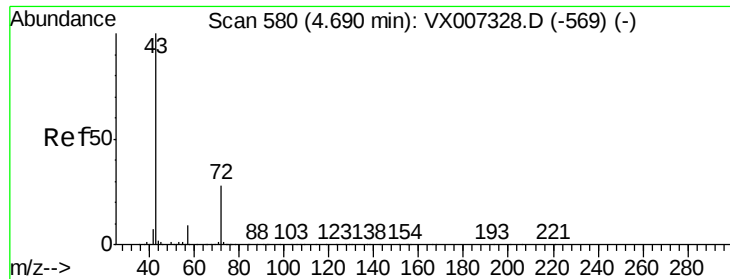
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 93.765 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

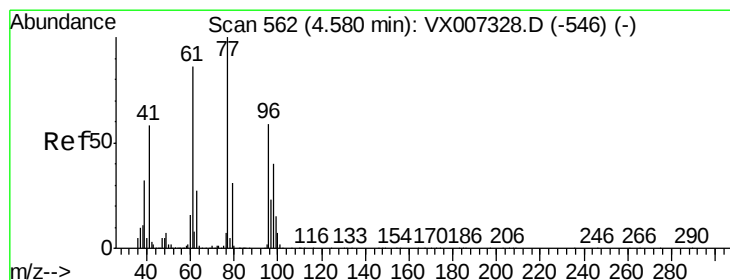
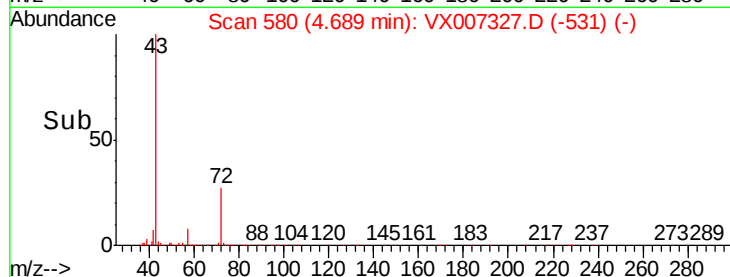
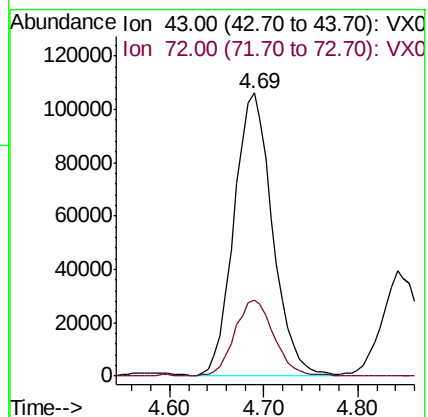
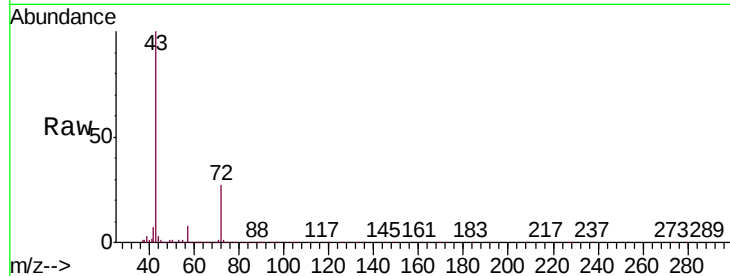
VSTDIC020

Tgt Ion: 43 Resp: 301500

Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 18.559 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007327.D

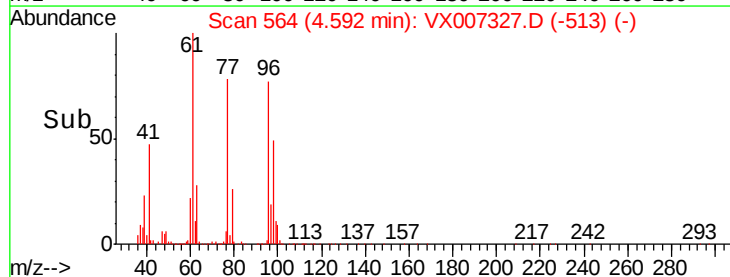
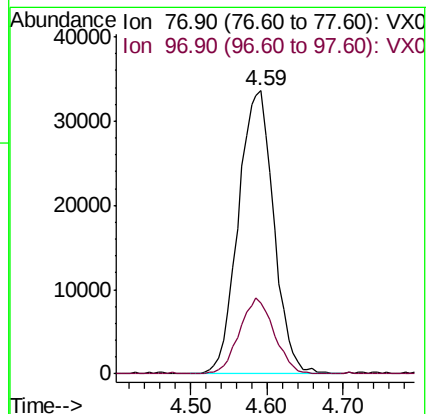
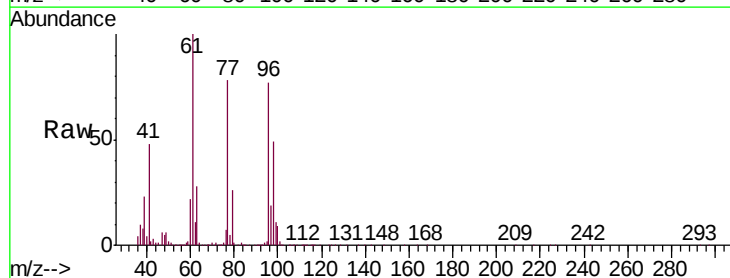
Acq: 01 Feb 2019 10:29

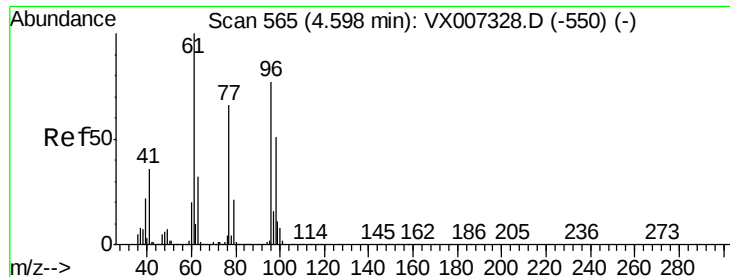
Tgt Ion: 77 Resp: 107939

Ion Ratio Lower Upper

77 100

97 26.2 12.1 36.3



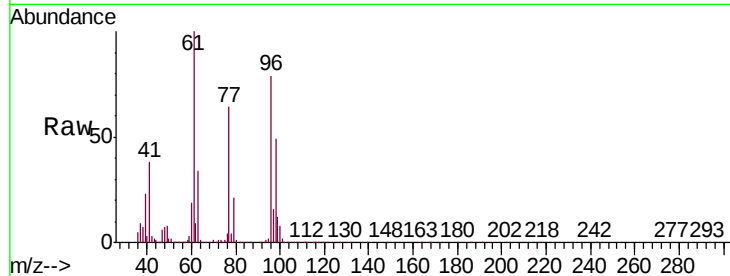


#27

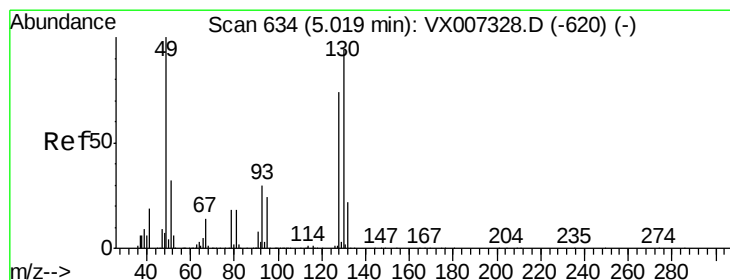
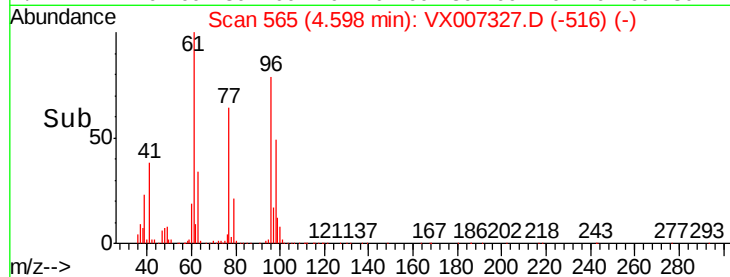
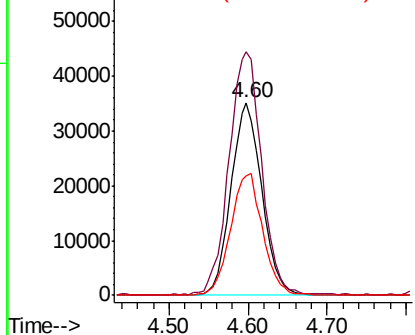
cis-1,2-Dichloroethene
 Concen: 18.560 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 95816
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 265.6
 98 65.9 0.0 131.6



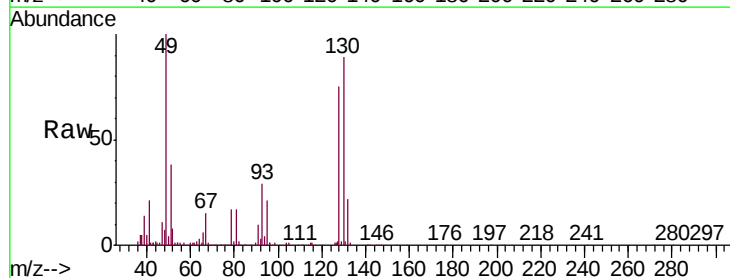
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



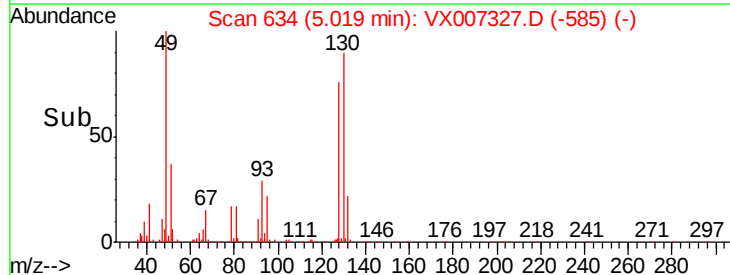
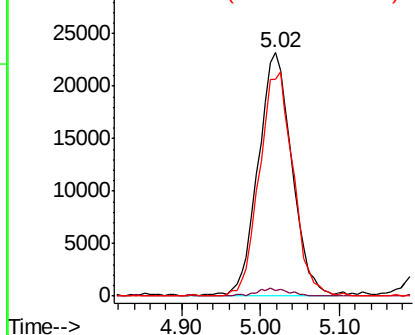
#28

Bromochloromethane
 Concen: 19.712 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 49 Resp: 69230
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.6
 130 91.5 75.6 113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.586 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

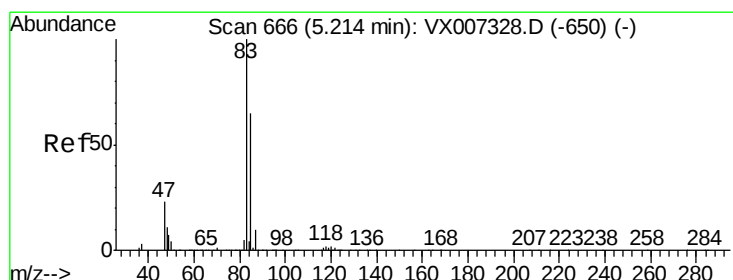
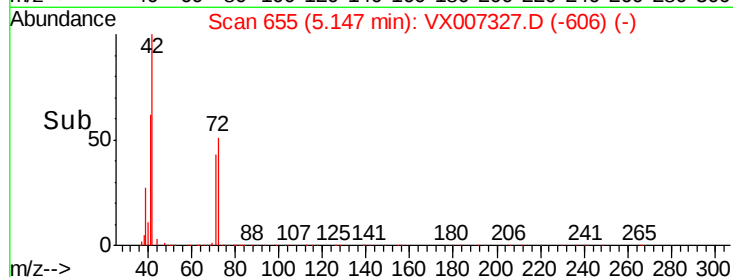
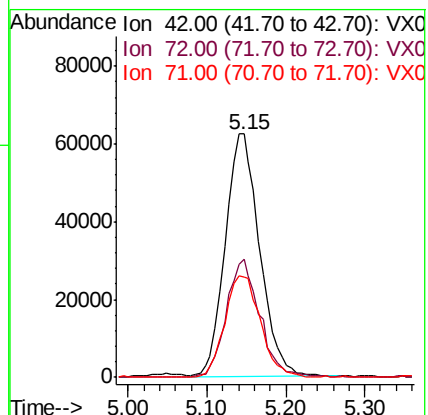
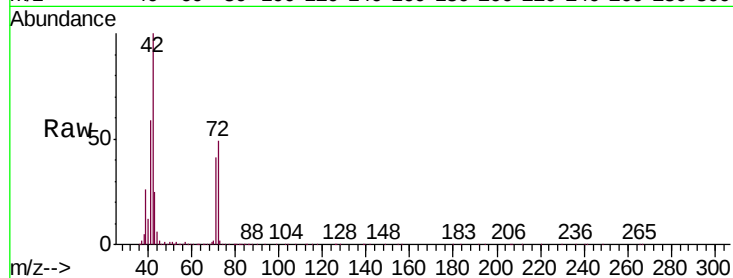
Tgt Ion: 42 Resp: 189262

Ion Ratio Lower Upper

42 100

72 47.4 37.6 56.4

71 43.3 34.6 51.8



#30

Chloroform

Concen: 19.441 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007327.D

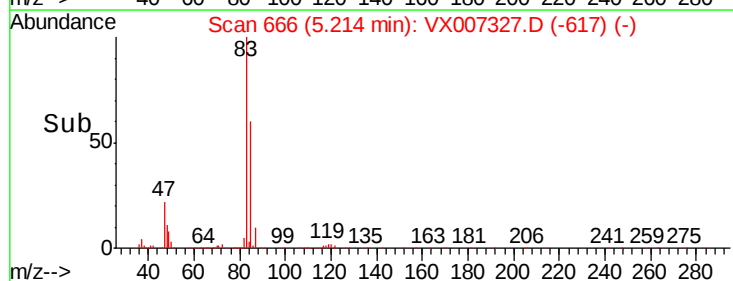
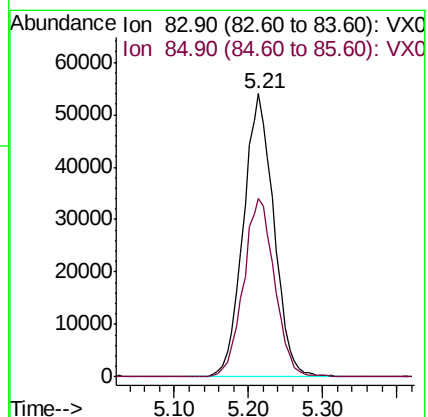
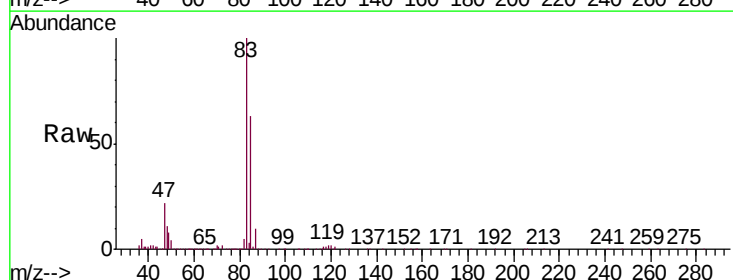
Acq: 01 Feb 2019 10:29

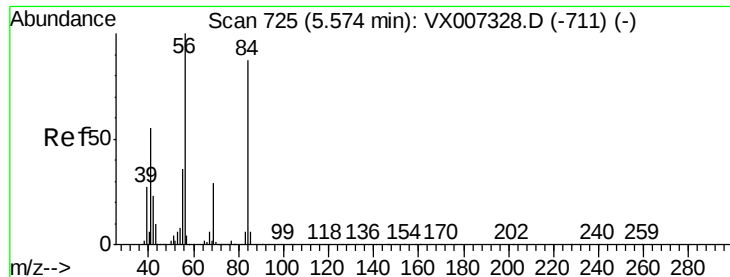
Tgt Ion: 83 Resp: 154926

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

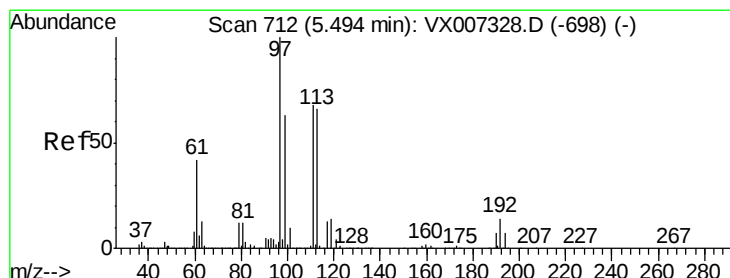
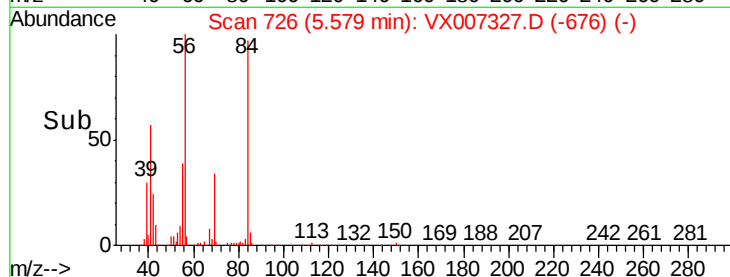
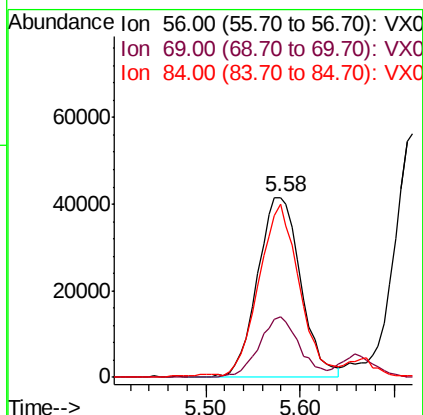
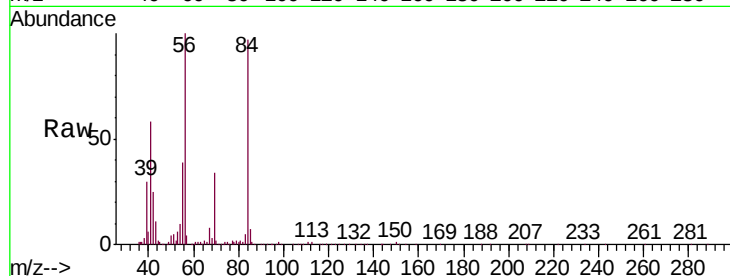




#31
Cyclohexane
Concen: 19.259 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

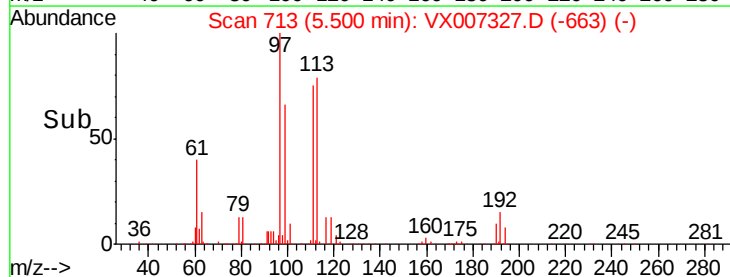
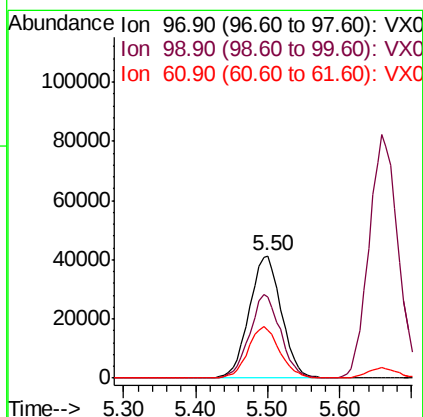
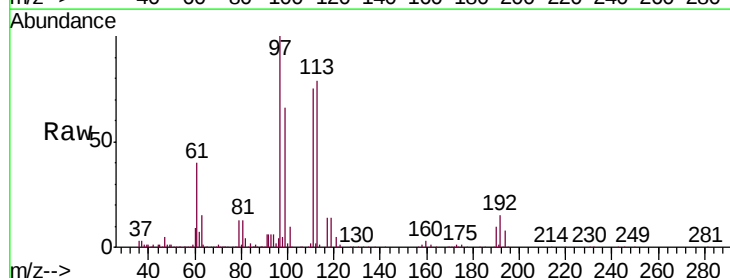
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

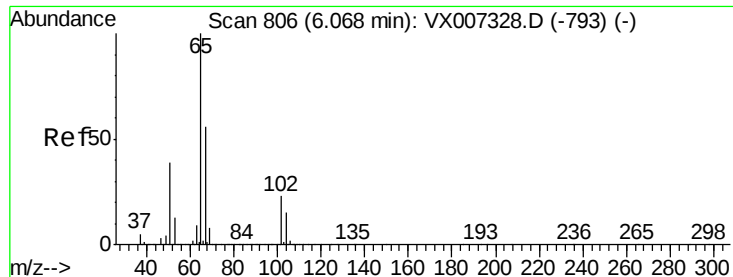
Tgt Ion: 56 Resp: 132098
Ion Ratio Lower Upper
56 100
69 33.5 23.0 34.6
84 95.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.106 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 97 Resp: 128523
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 41.3 32.7 49.1

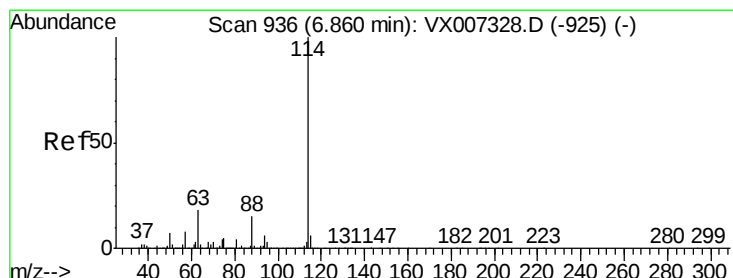
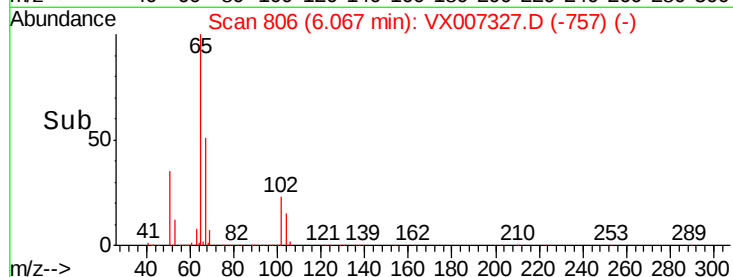
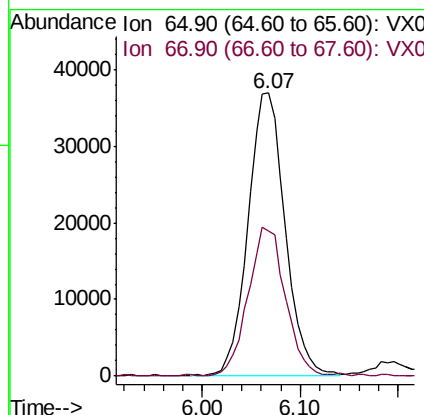
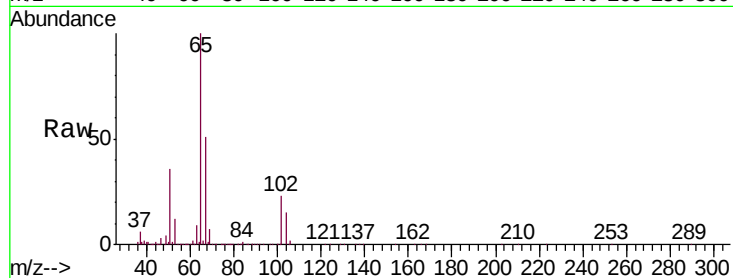




#33
 1,2-Dichloroethane-d4
 Concen: 19.820 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

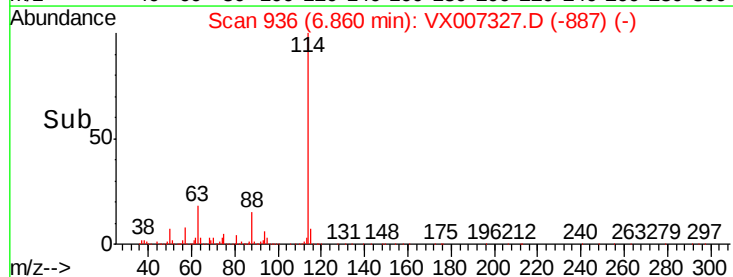
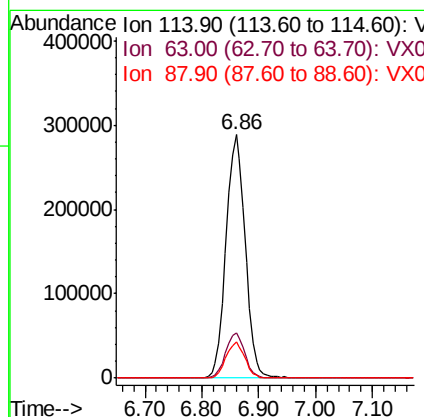
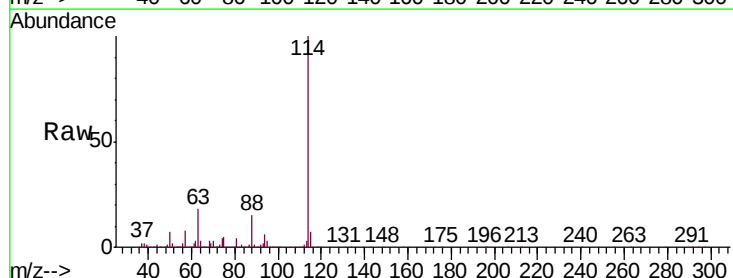
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 65 Resp: 97761
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 114 Resp: 680095
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 19.974 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

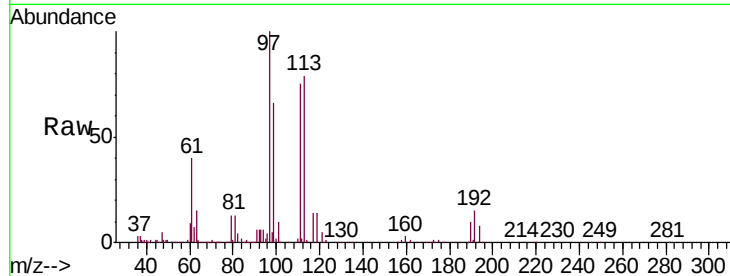
Tgt Ion:113 Resp: 88388

Ion Ratio Lower Upper

113 100

111 98.7 81.8 122.8

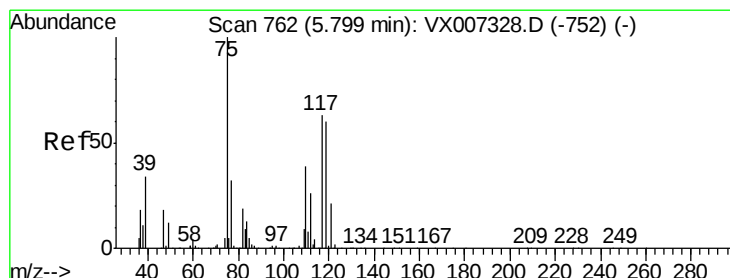
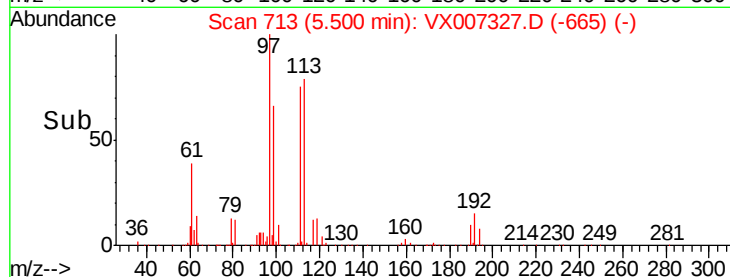
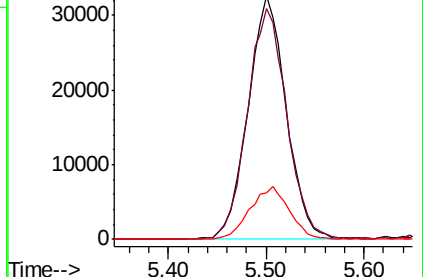
192 22.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.622 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

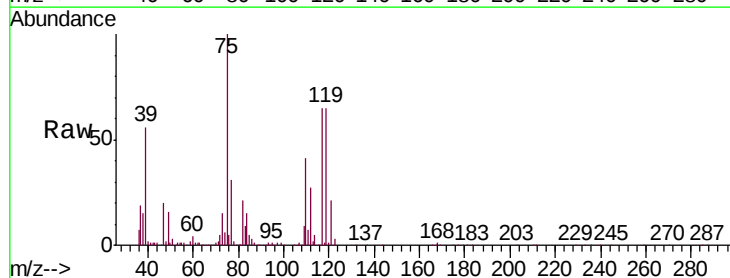
Tgt Ion: 75 Resp: 113632

Ion Ratio Lower Upper

75 100

110 39.5 20.0 59.9

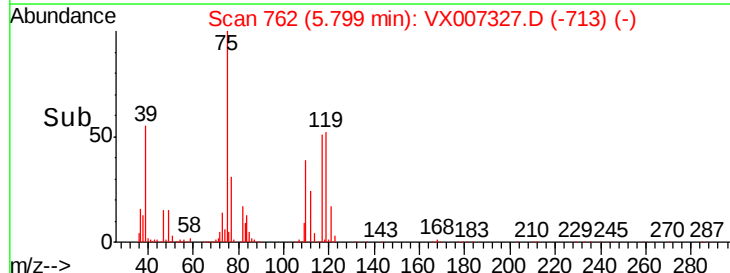
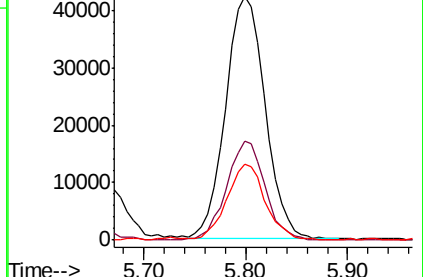
77 29.9 24.7 37.1

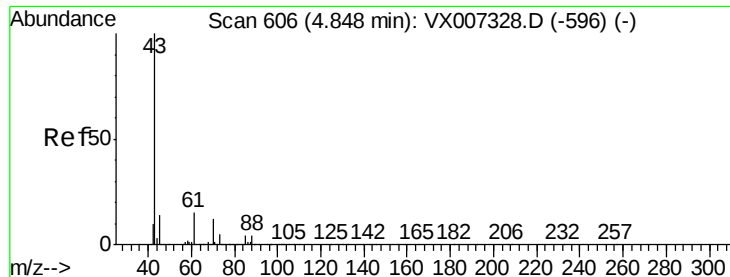


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

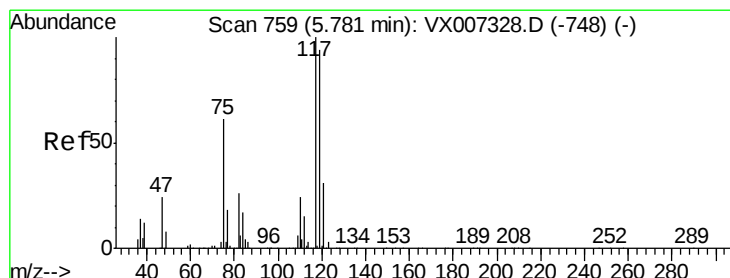
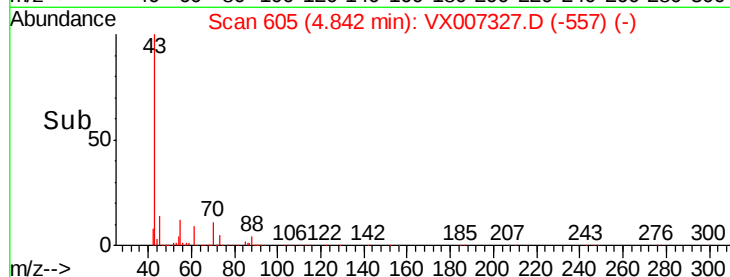
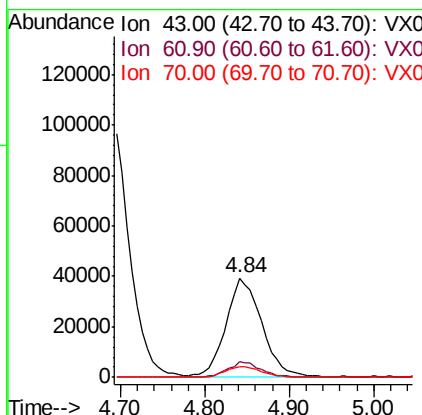
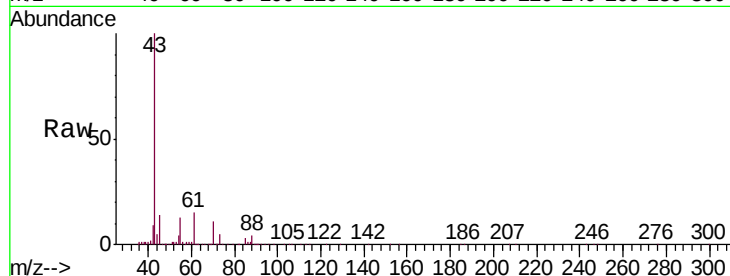




#37
Ethyl Acetate
Concen: 18.336 ug/l
RT: 4.84 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

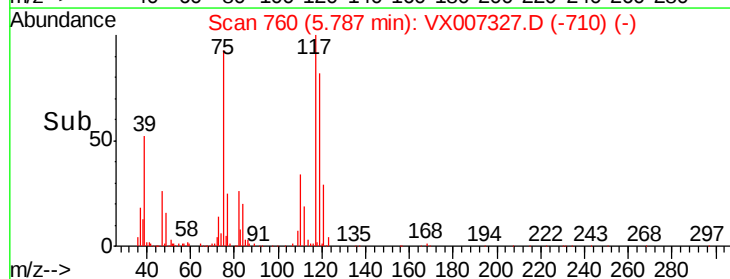
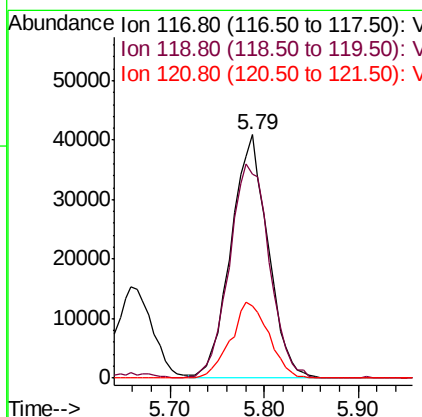
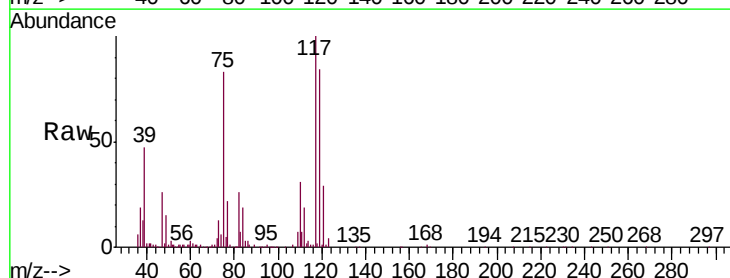
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.4	8.6	13.0



#38
Carbon Tetrachloride
Concen: 18.824 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.9	75.3	112.9
121	29.3	25.0	37.4

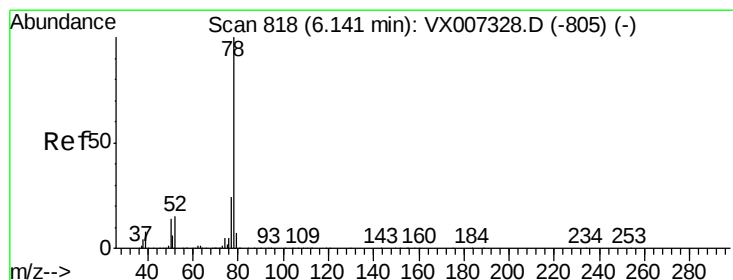
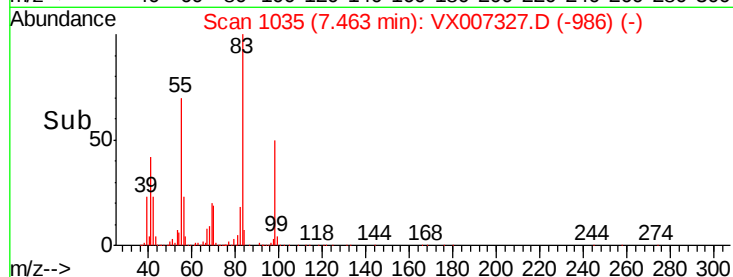
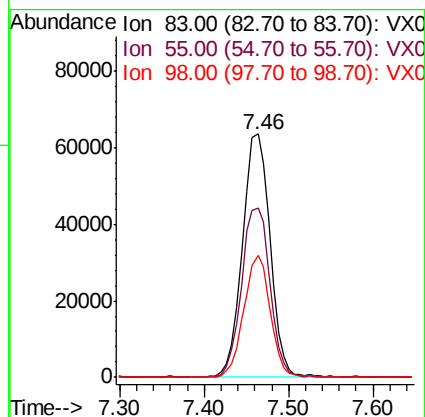
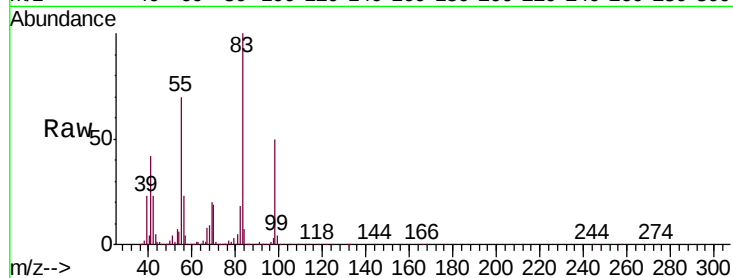




#39
Methylcyclohexane
Concen: 19.074 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

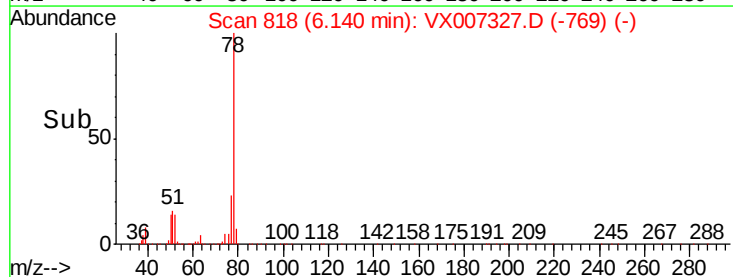
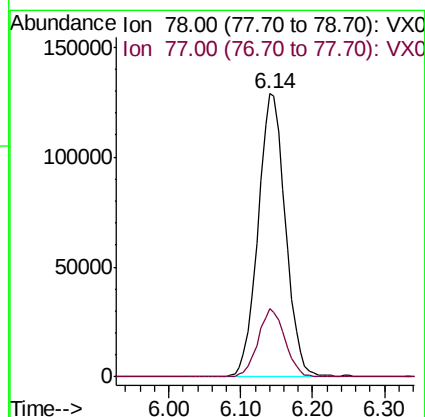
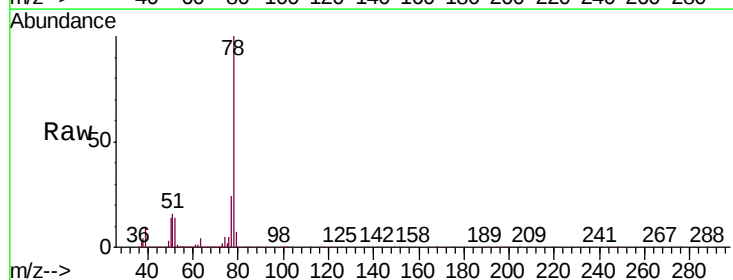
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

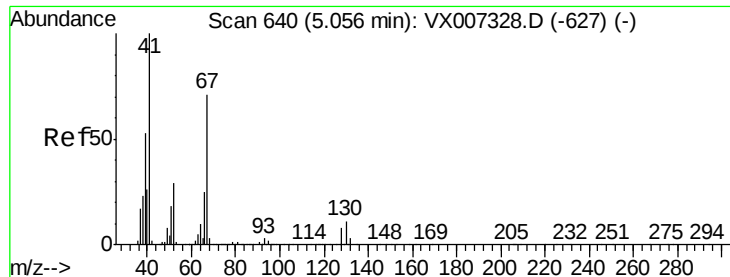
Tgt Ion: 83 Resp: 140824
Ion Ratio Lower Upper
83 100
55 69.3 56.2 84.2
98 49.9 36.8 55.2



#40
Benzene
Concen: 18.966 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 78 Resp: 340919
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

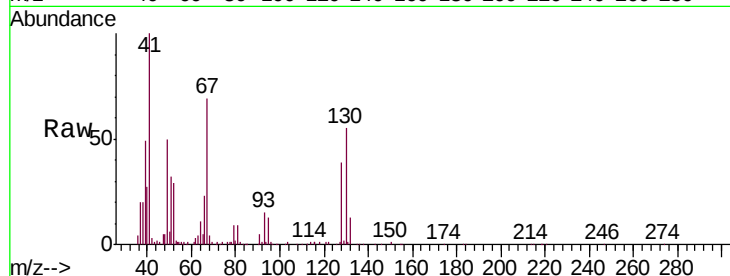




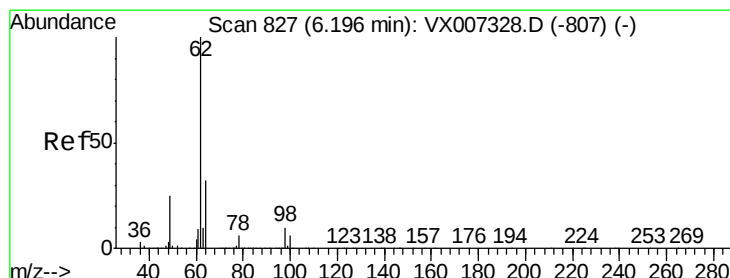
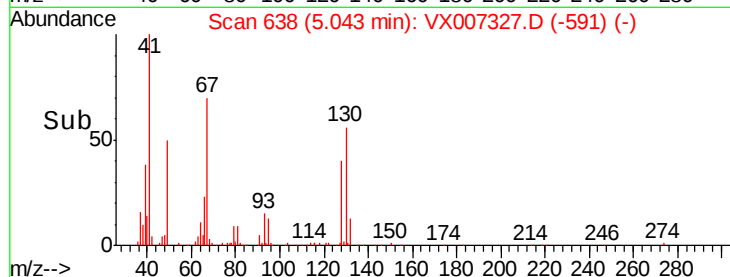
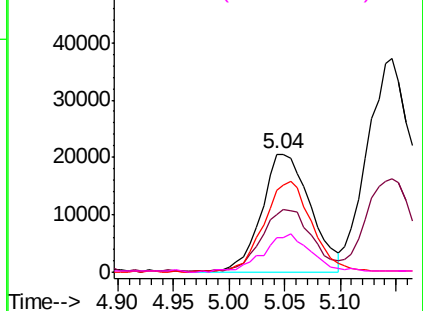
#41
Methacrylonitrile
Concen: 18.689 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	63002
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.5	66.7
67	76.4	60.4	90.6
52	32.3	24.1	36.1

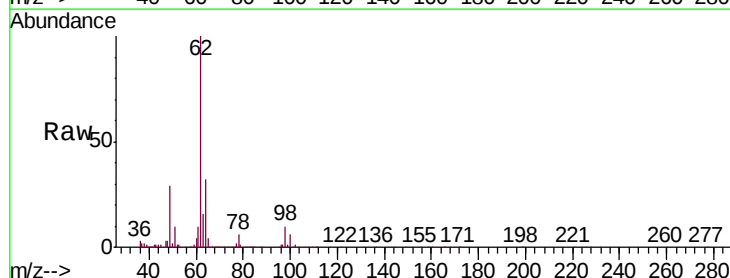


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

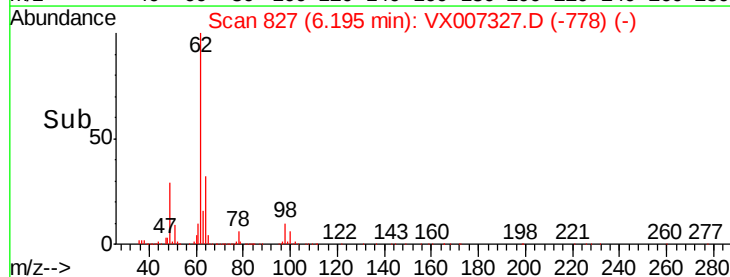
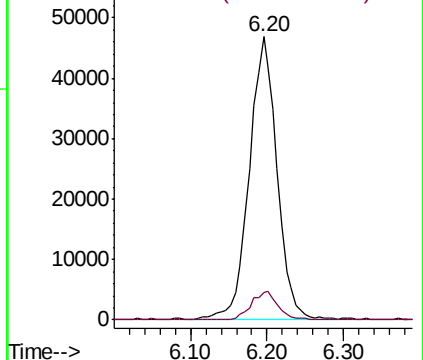


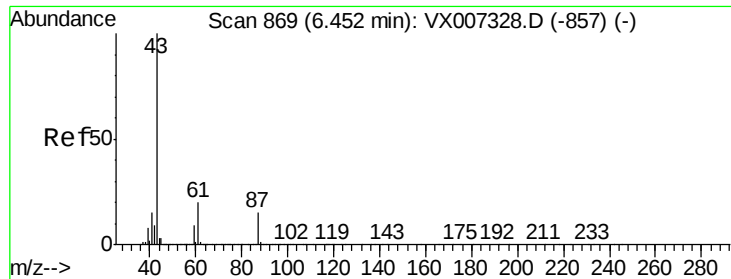
#42
1,2-Dichloroethane
Concen: 18.867 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion:	62	Resp:	117340
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.670 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

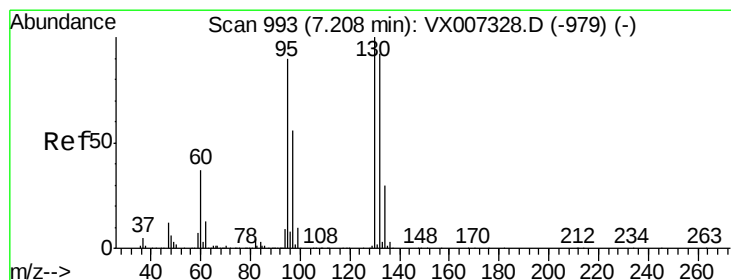
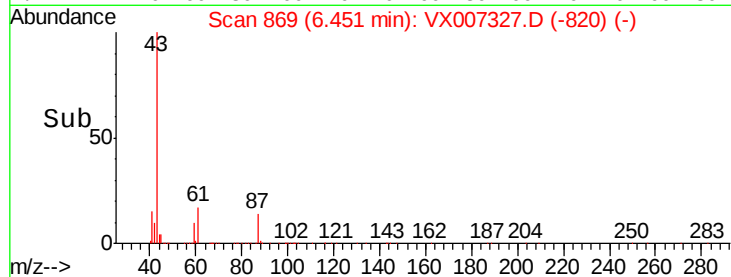
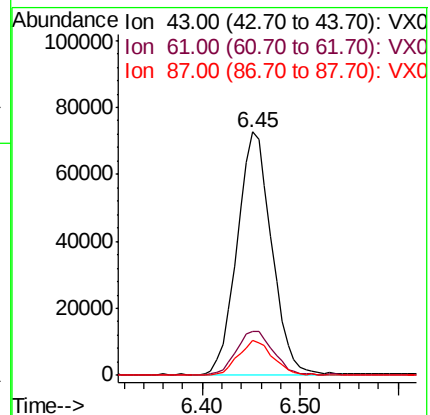
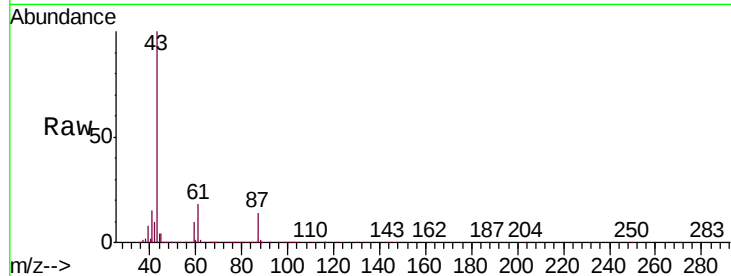
Tgt Ion: 43 Resp: 177756

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

87 14.6 11.5 17.3



#44

Trichloroethene

Concen: 19.287 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007327.D

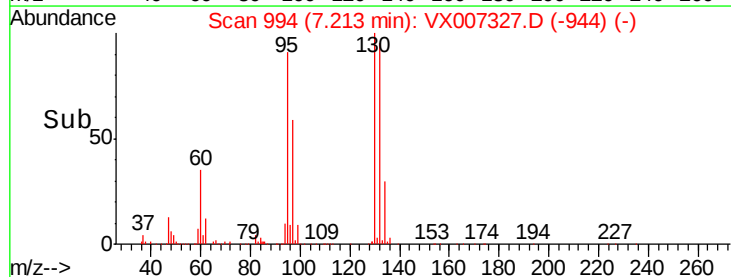
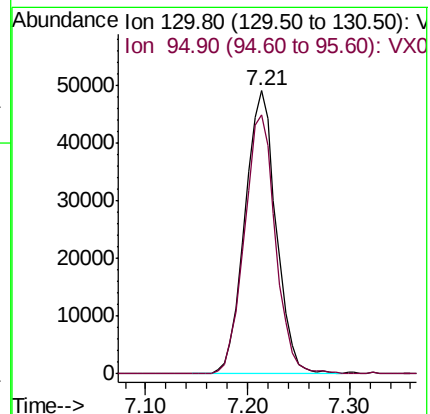
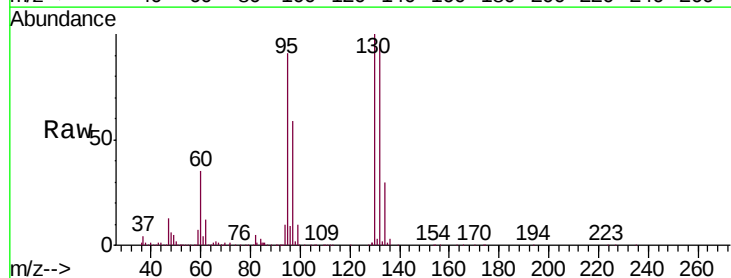
Acq: 01 Feb 2019 10:29

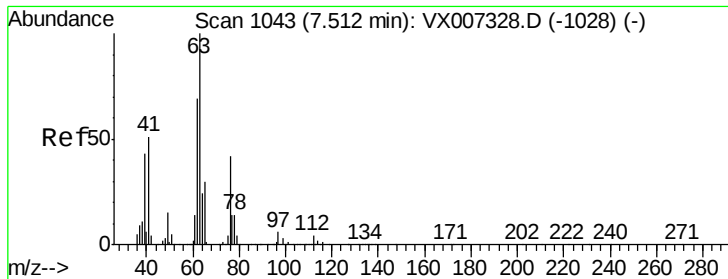
Tgt Ion: 130 Resp: 104412

Ion Ratio Lower Upper

130 100

95 91.4 0.0 180.0





#45

1,2-Dichloropropane

Concen: 18.842 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

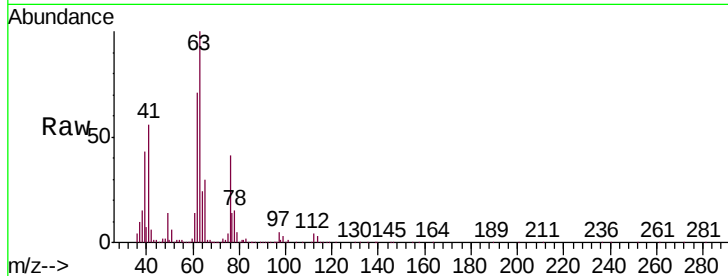
VSTDIC020

Tgt Ion: 63 Resp: 84860

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

40000

30000

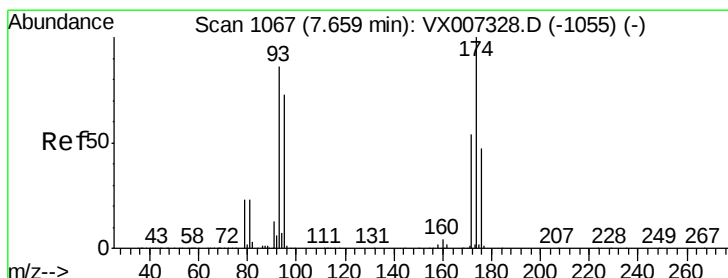
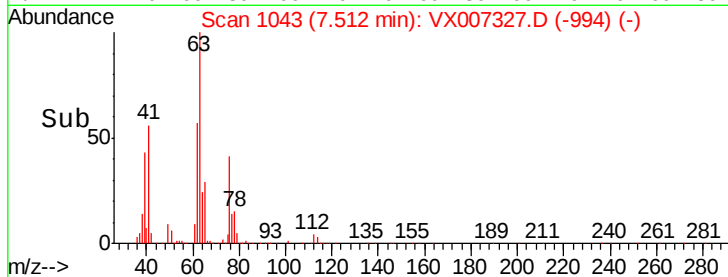
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.275 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

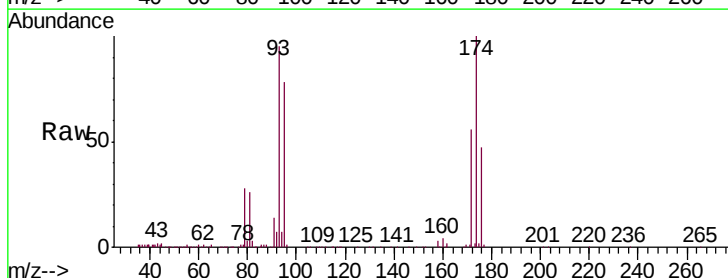
Tgt Ion: 93 Resp: 59819

Ion Ratio Lower Upper

93 100

95 85.5 67.6 101.4

174 117.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

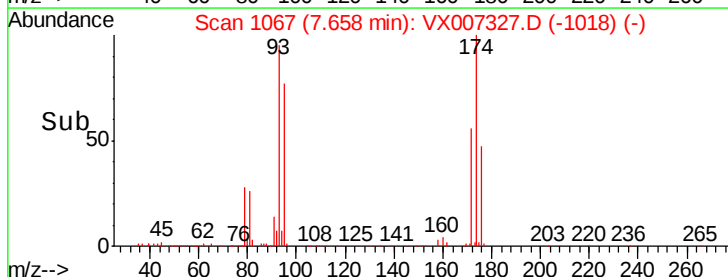
20000

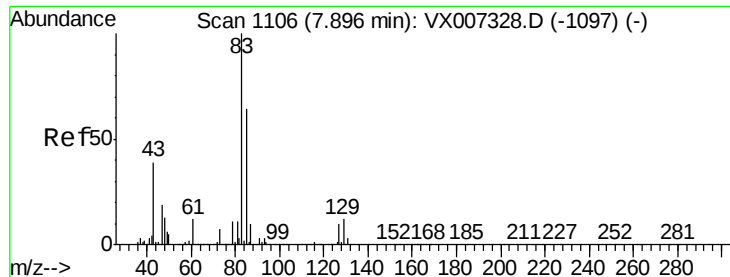
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 18.546 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

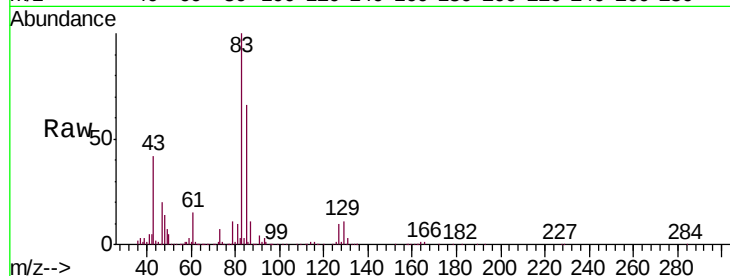
Tgt Ion: 83 Resp: 102884

Ion Ratio Lower Upper

83 100

85 66.4 51.4 77.0

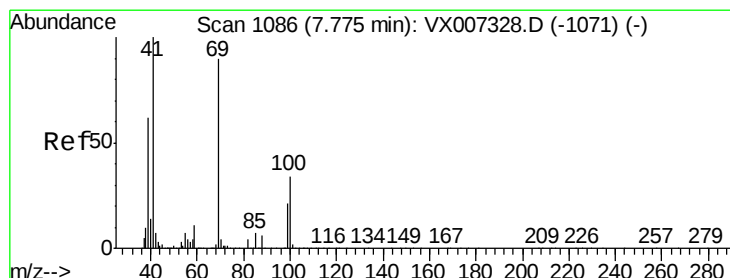
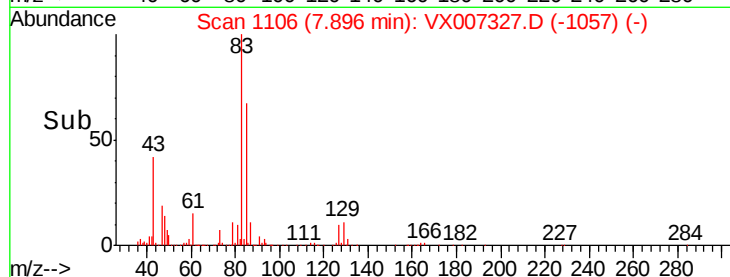
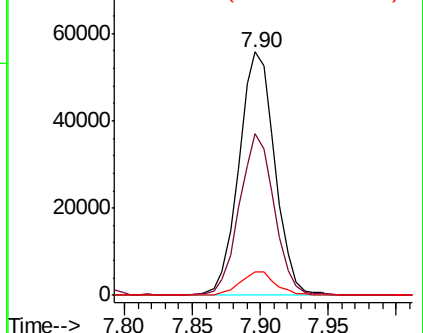
127 9.8 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.251 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

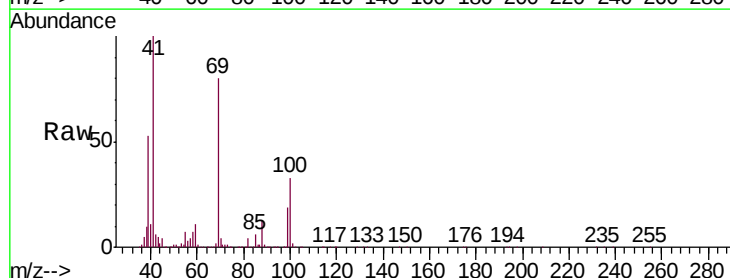
Tgt Ion: 41 Resp: 91681

Ion Ratio Lower Upper

41 100

69 88.4 70.2 105.4

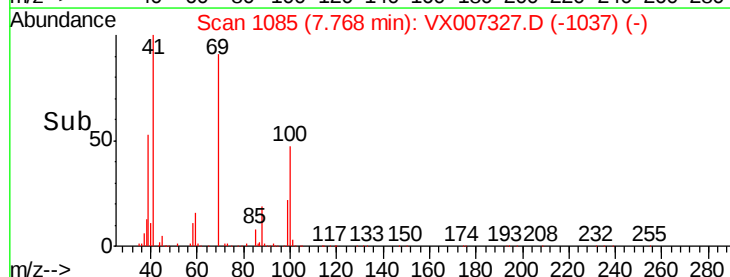
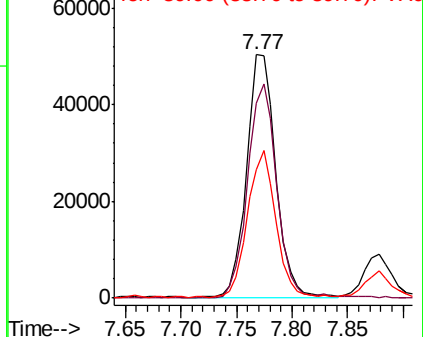
39 60.3 47.4 71.0

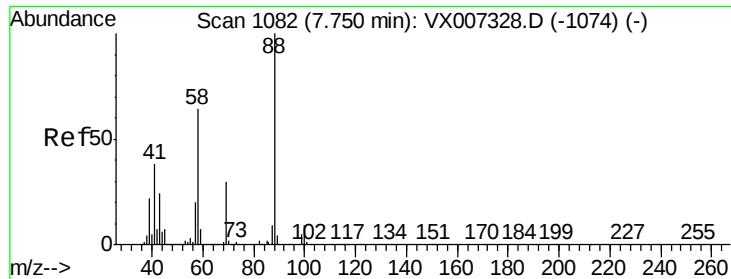


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

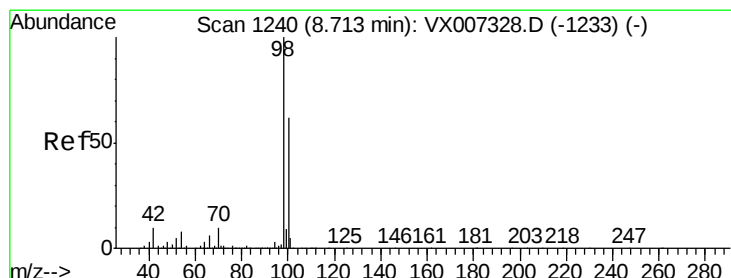
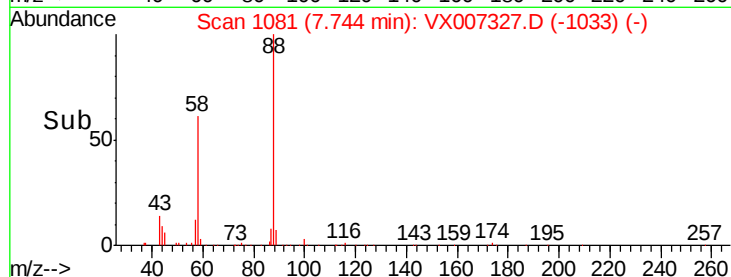
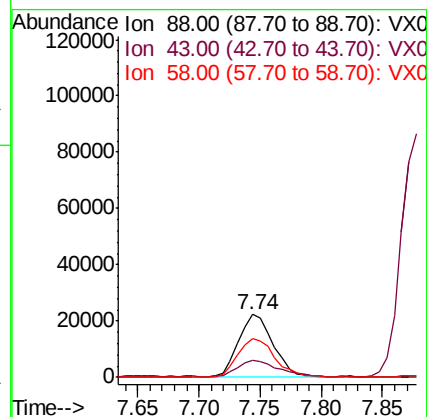
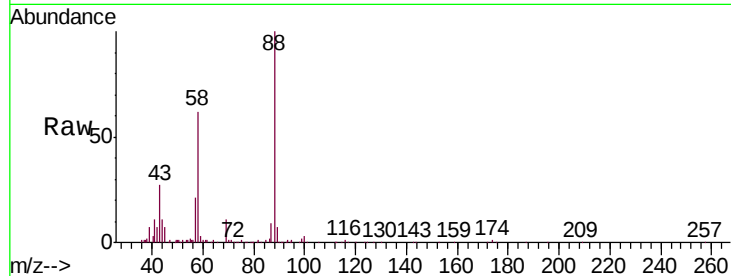




#49
1,4-Dioxane
Concen: 372.805 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

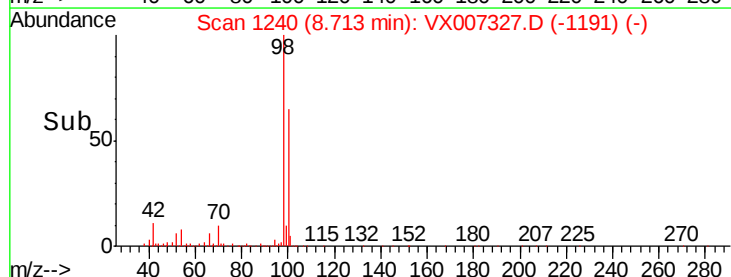
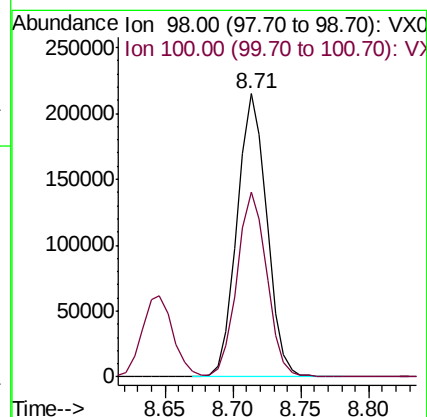
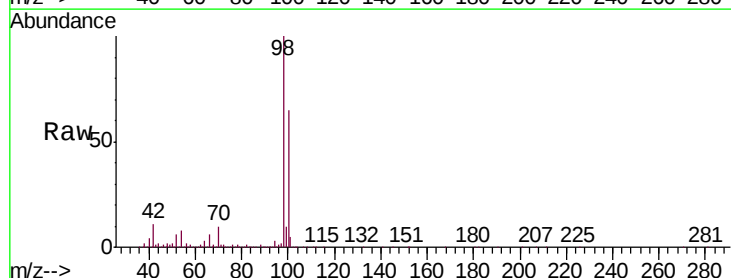
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

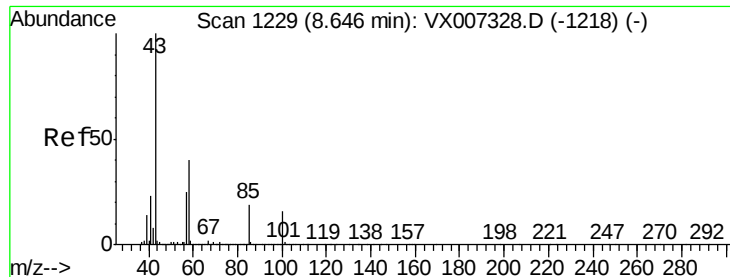
Tgt Ion: 88 Resp: 44186
Ion Ratio Lower Upper
88 100
43 29.6 24.2 36.4
58 65.2 53.0 79.4



#50
Toluene-d8
Concen: 19.974 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 98 Resp: 327926
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4

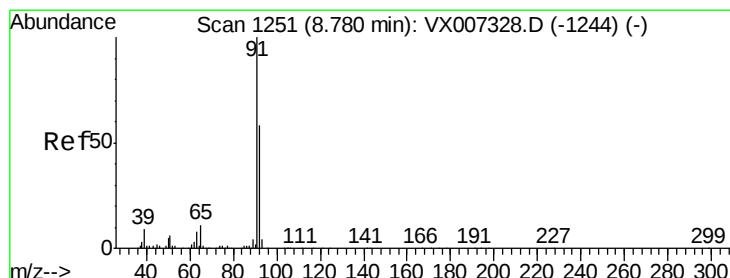
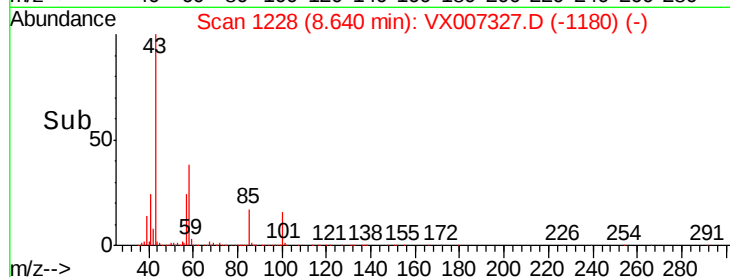
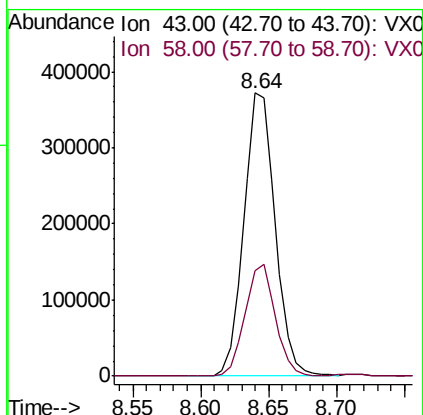
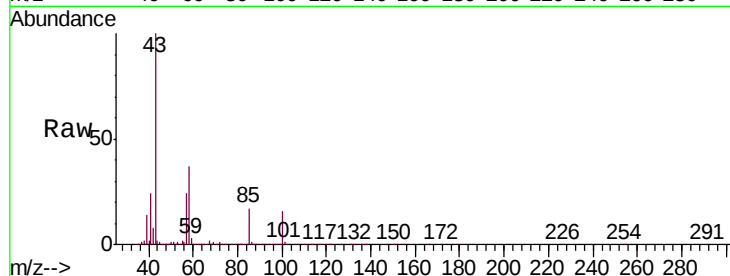




#51
 4-Methyl-2-Pentanone
 Concen: 95.457 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

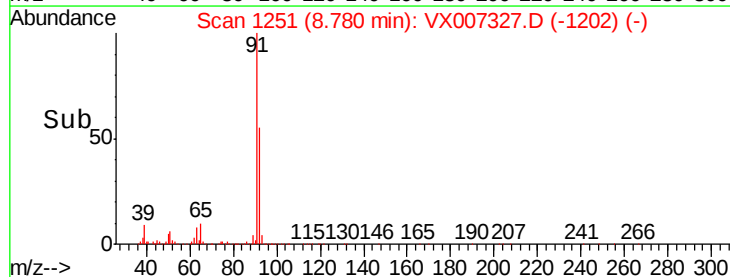
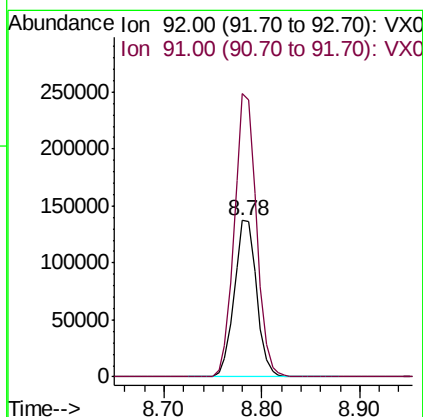
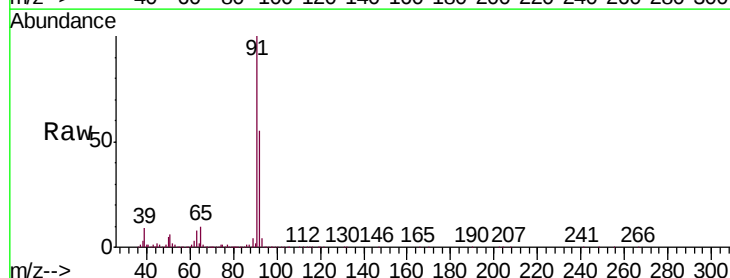
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

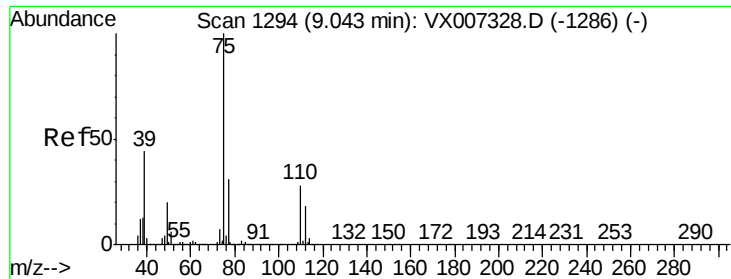
Tgt Ion: 43 Resp: 598303
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.2 46.8



#52
 Toluene
 Concen: 18.864 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 92 Resp: 218768
 Ion Ratio Lower Upper
 92 100
 91 178.0 139.1 208.7

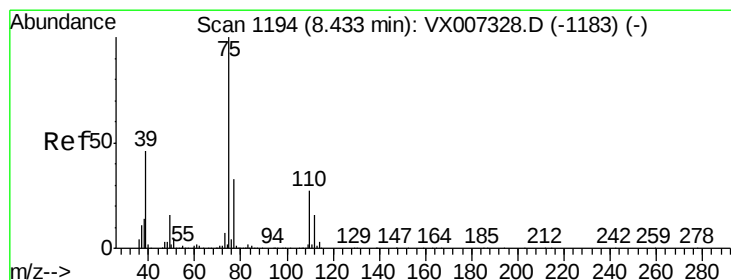
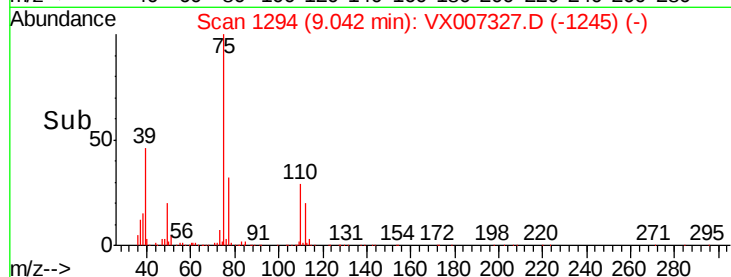
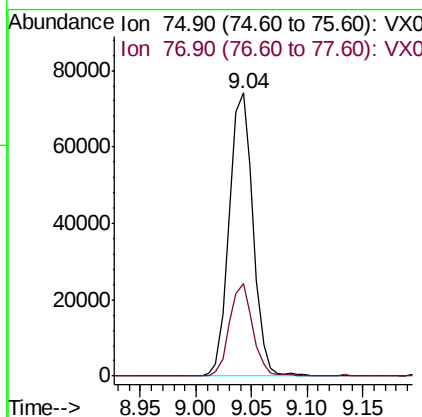
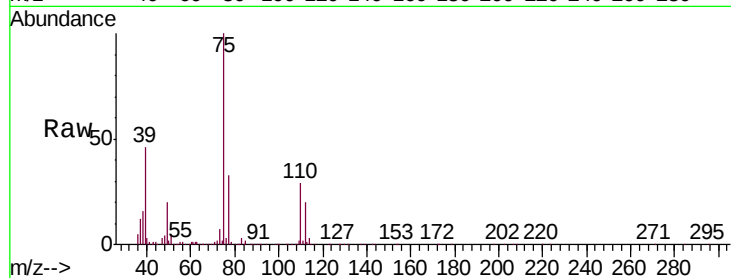




#53
 t-1,3-Dichloropropene
 Concen: 18.452 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

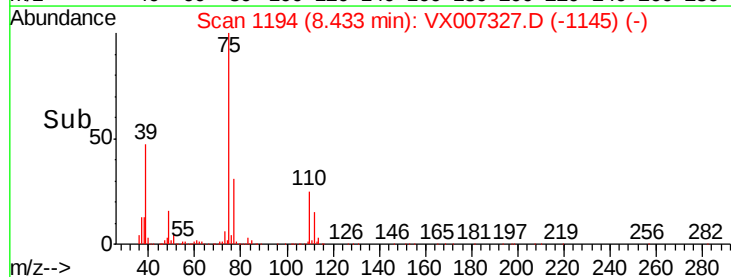
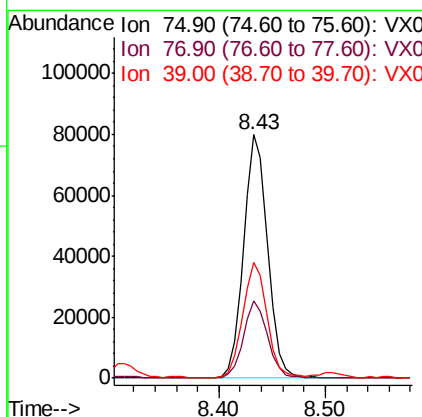
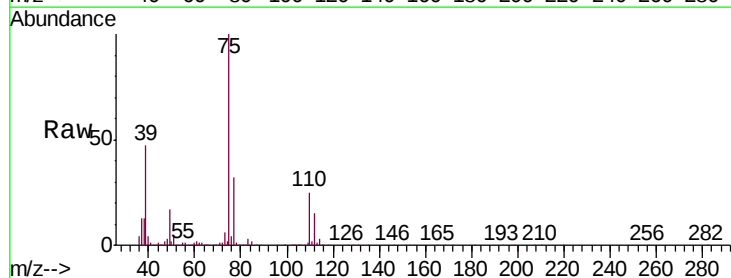
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

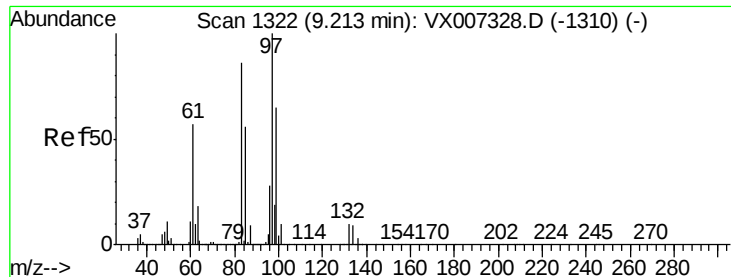
Tgt Ion: 75 Resp: 109952
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.339 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 75 Resp: 126724
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.4
 39 46.9 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 18.847 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 91109

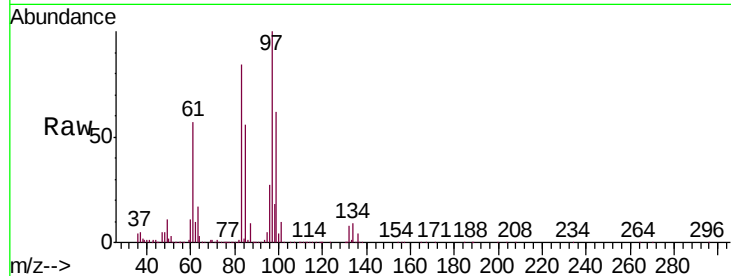
Ion Ratio Lower Upper

97 100

83 83.9 68.6 102.8

85 55.4 44.5 66.7

99 62.0 52.2 78.4



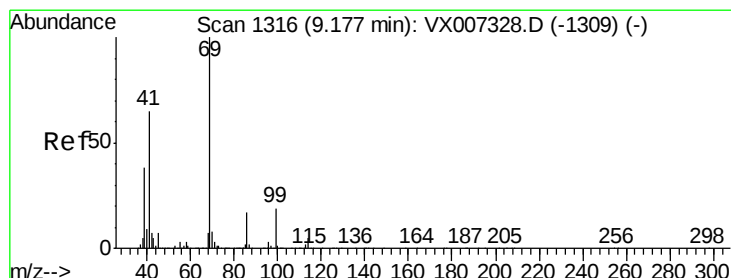
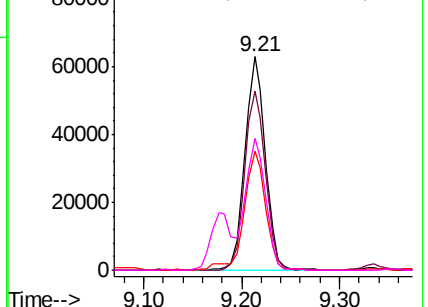
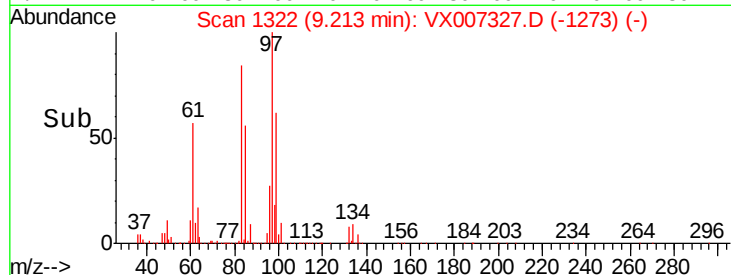
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.018 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

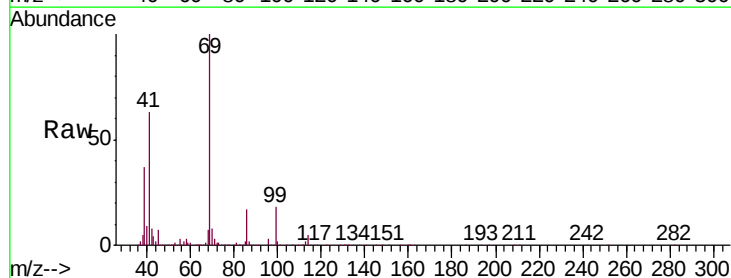
Tgt Ion: 69 Resp: 127336

Ion Ratio Lower Upper

69 100

41 63.0 52.1 78.1

39 35.9 30.1 45.1

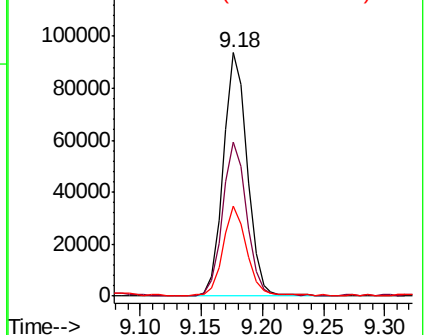
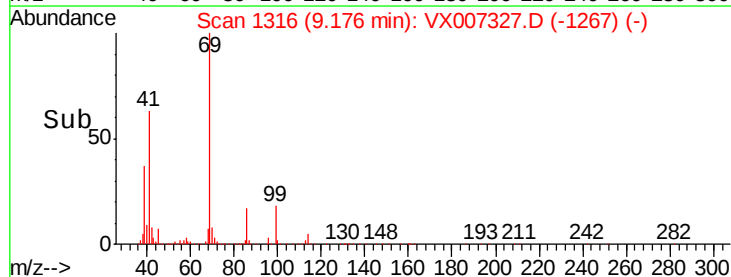


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

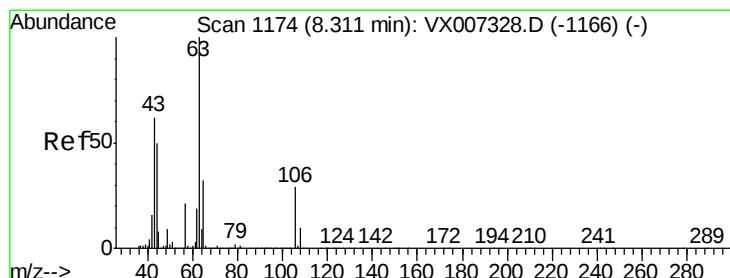
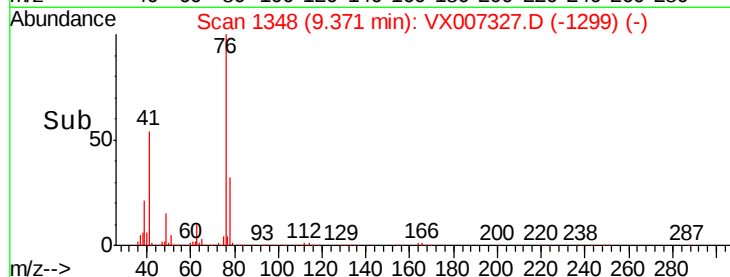
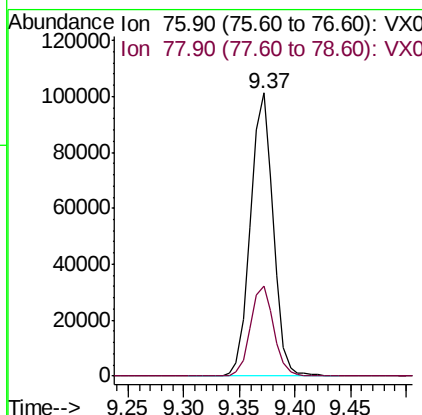
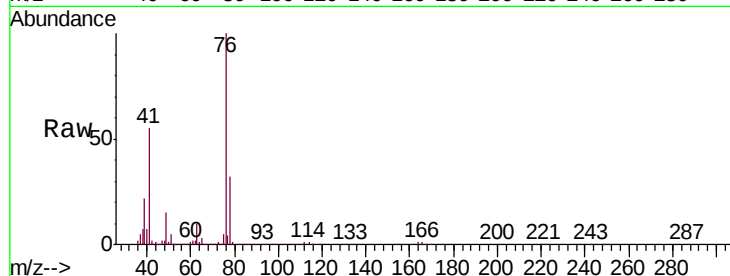




#57
 1,3-Dichloropropane
 Concen: 18.747 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

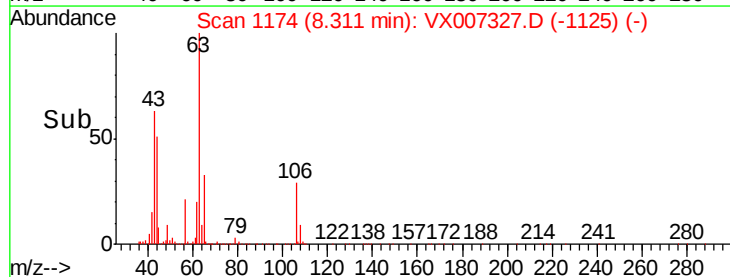
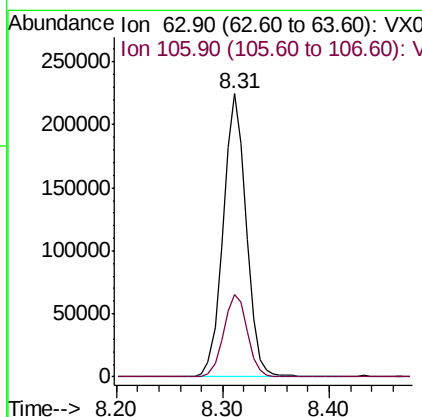
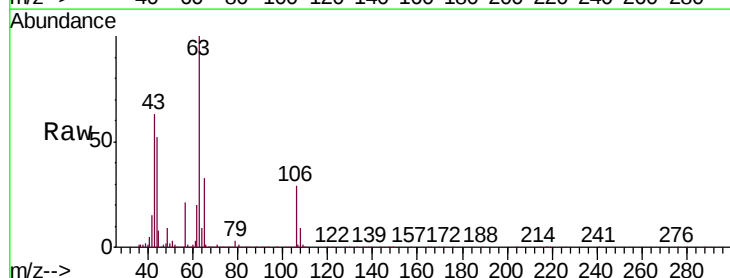
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

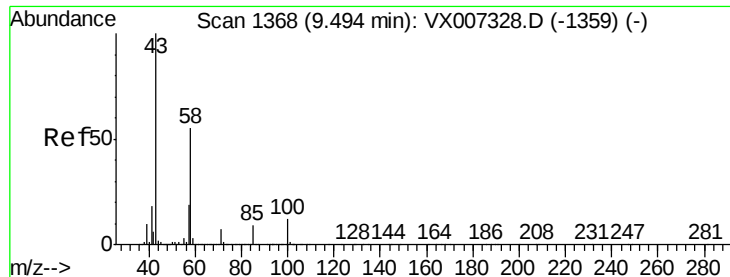
Tgt Ion: 76 Resp: 144126
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.324 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 63 Resp: 339931
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.6 35.4

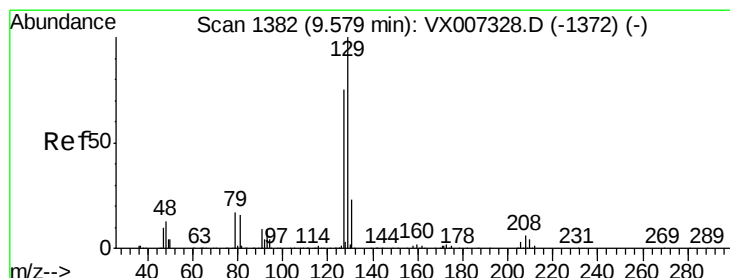
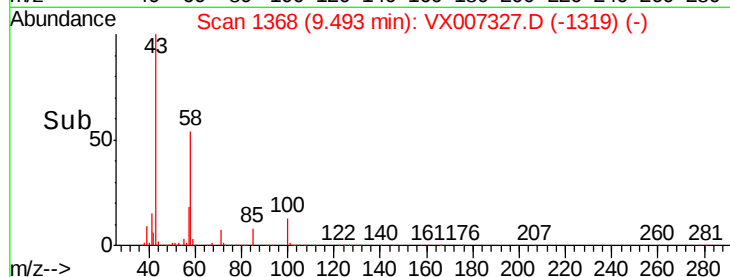
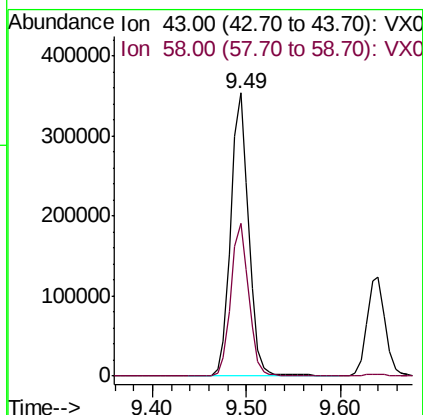
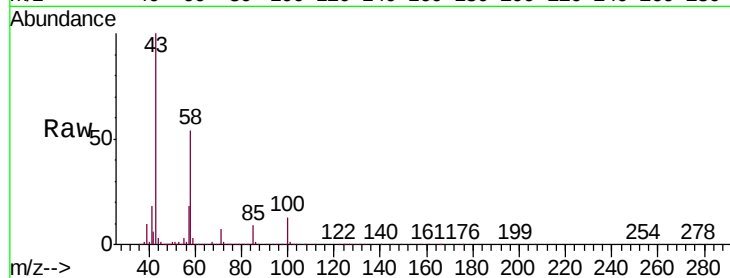




#59
2-Hexanone
Concen: 95.302 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

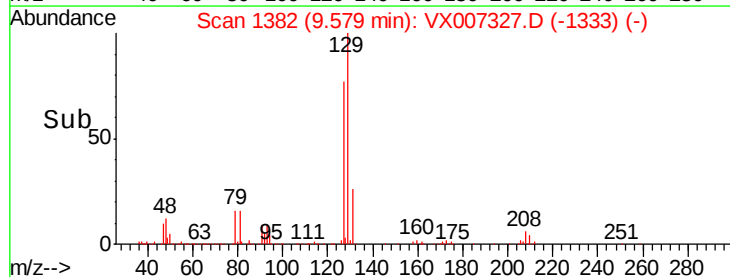
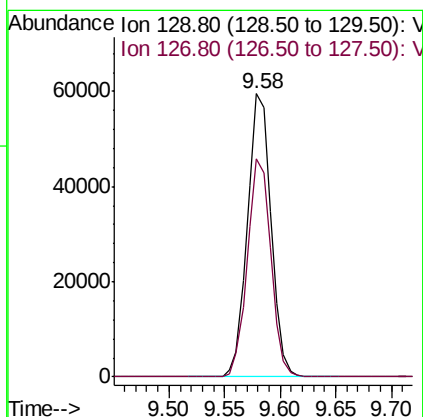
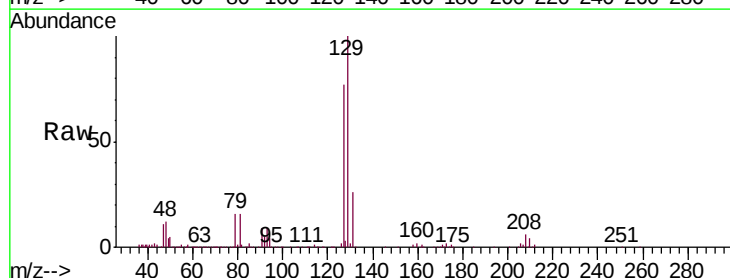
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

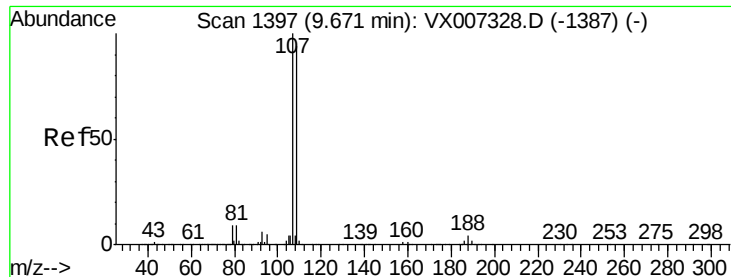
Tgt Ion: 43 Resp: 464826
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 19.287 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 129 Resp: 88180
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4

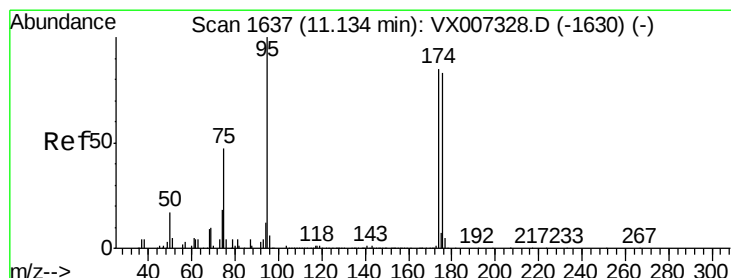
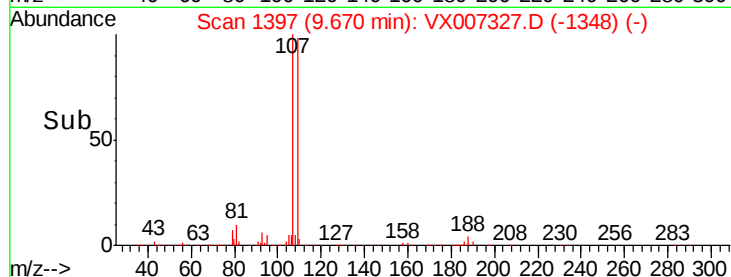
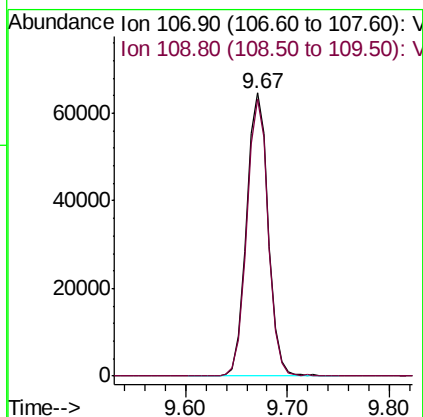
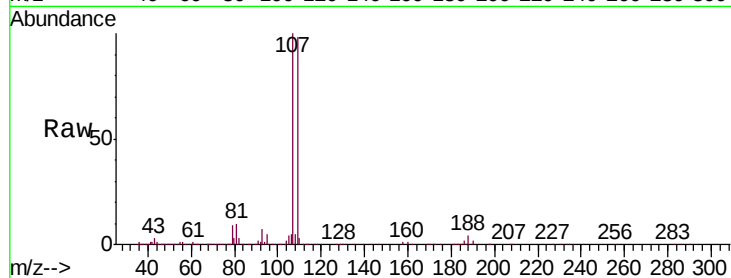




#61
 1,2-Dibromoethane
 Concen: 18.727 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

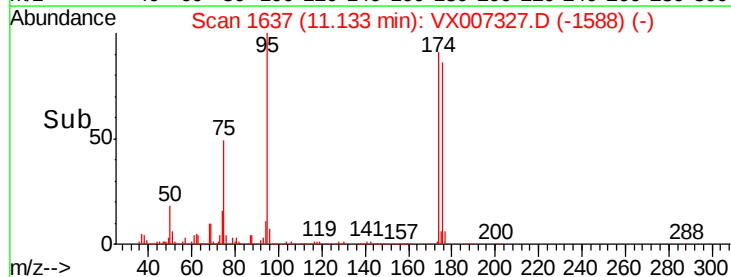
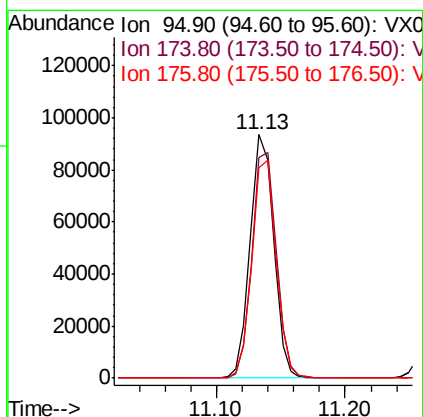
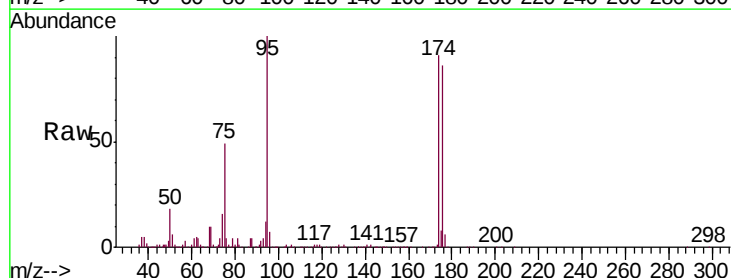
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

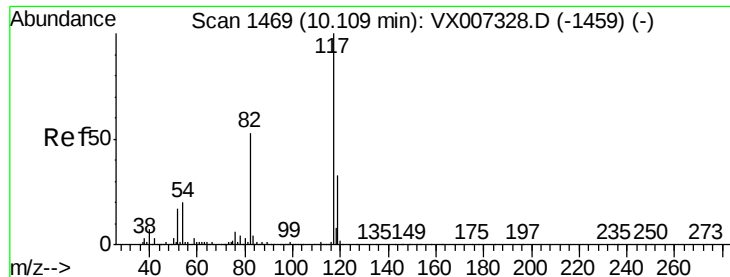
Tgt Ion: 107 Resp: 95874
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 19.631 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion: 95 Resp: 117671
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 189.2
 176 91.3 0.0 186.2

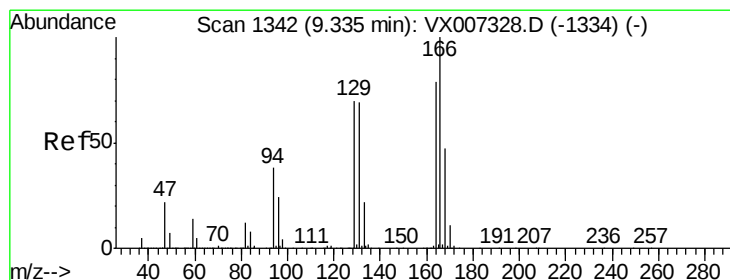
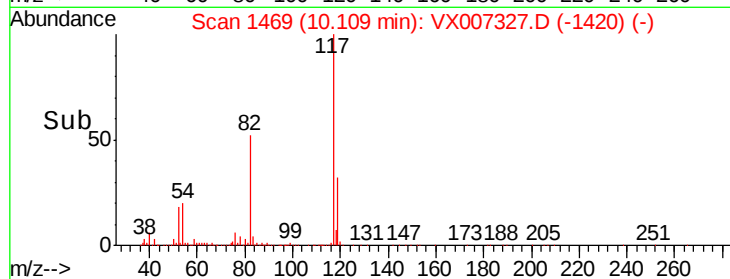
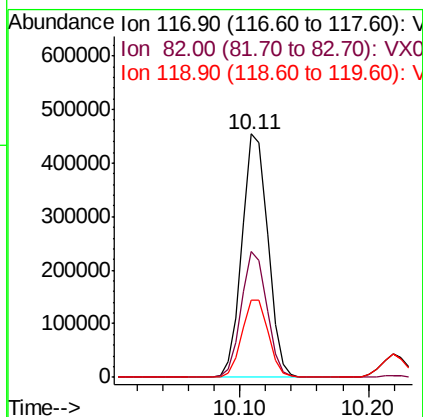
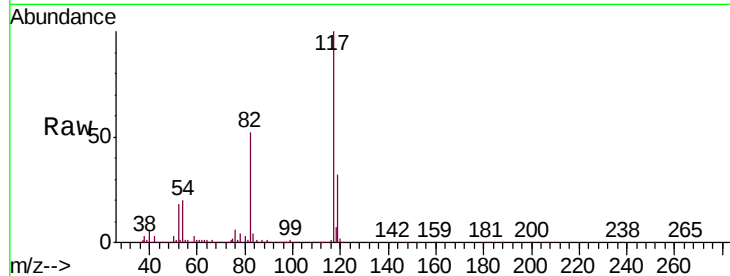




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

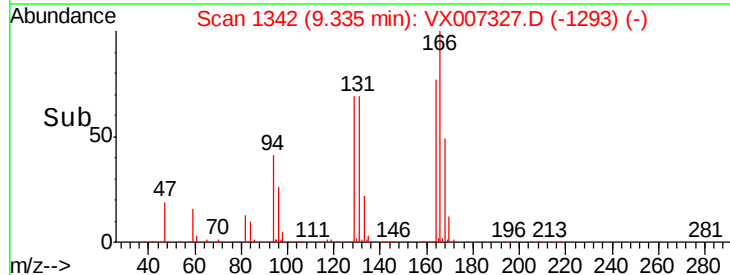
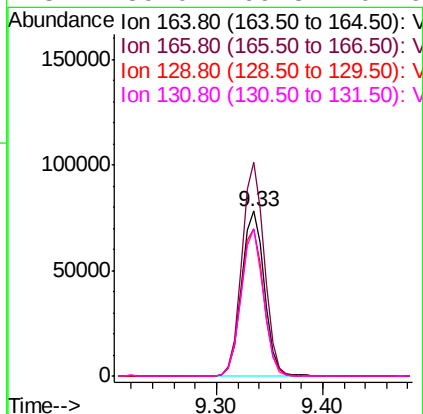
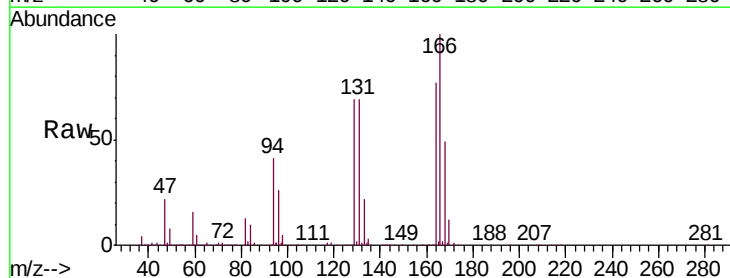
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 631593
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 19.684 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion:164 Resp: 117179
Ion Ratio Lower Upper
164 100
166 129.7 101.0 151.4
129 89.5 70.5 105.7
131 89.0 69.8 104.6

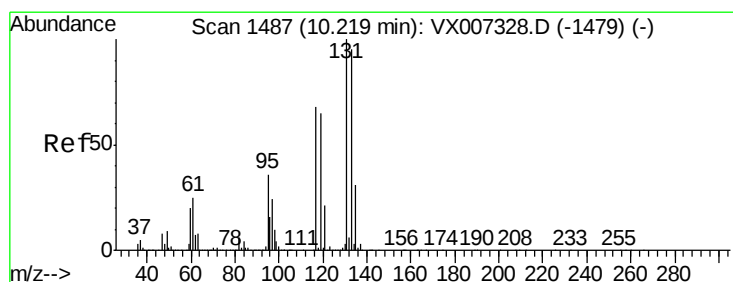
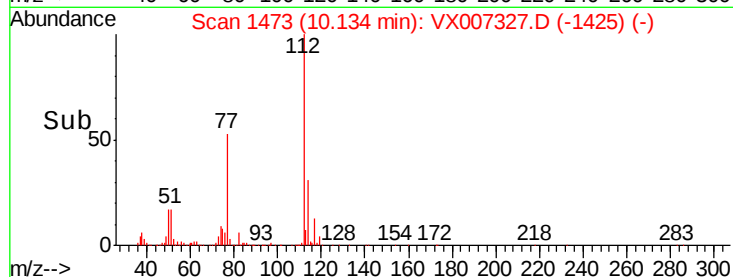
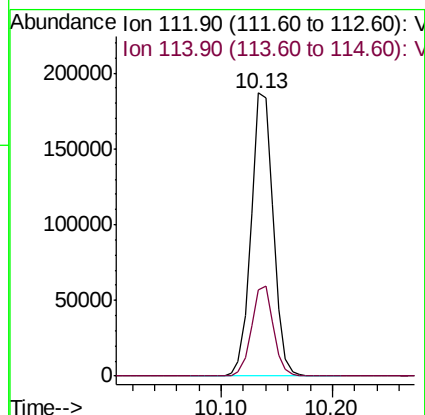
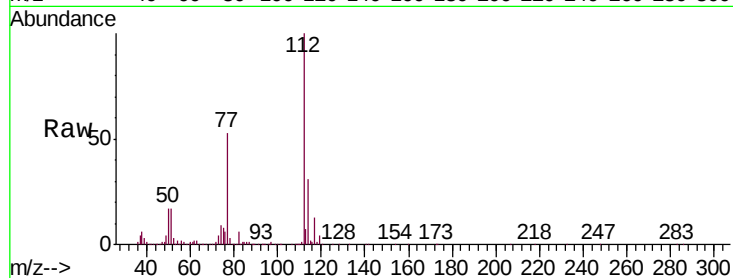




#65
Chlorobenzene
Concen: 18.742 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

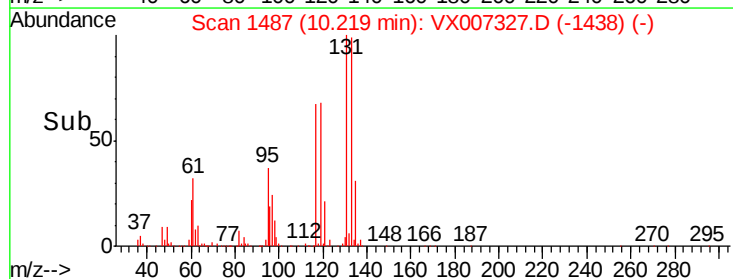
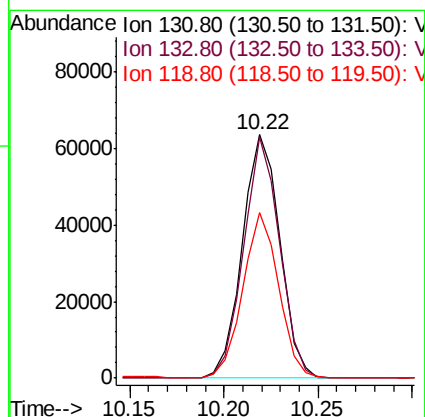
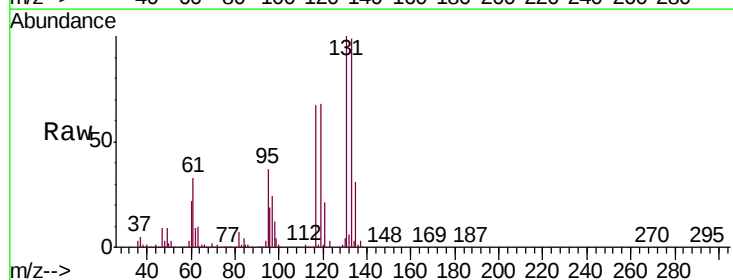
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

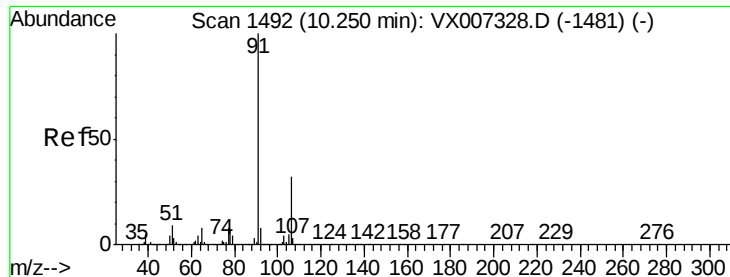
Tgt Ion:112 Resp: 258314
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.018 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion:131 Resp: 87880
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 65.3 32.0 96.0

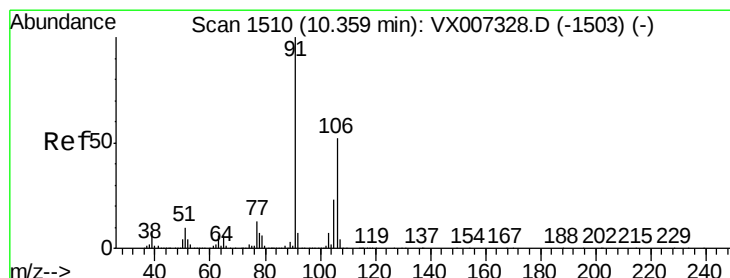
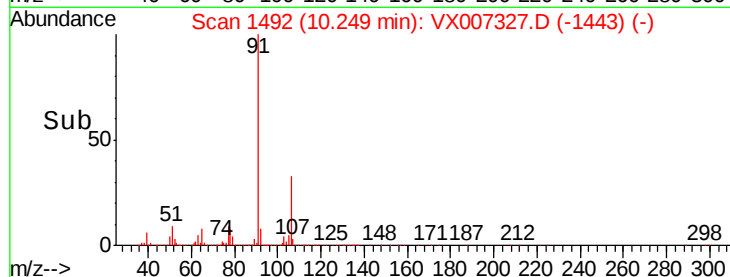
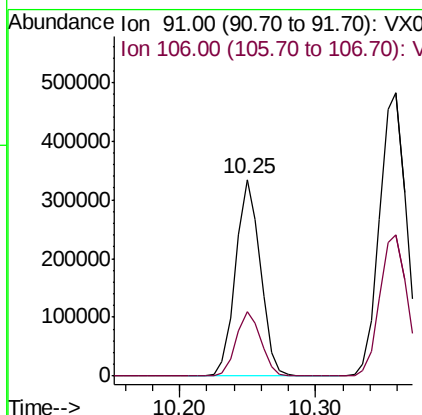
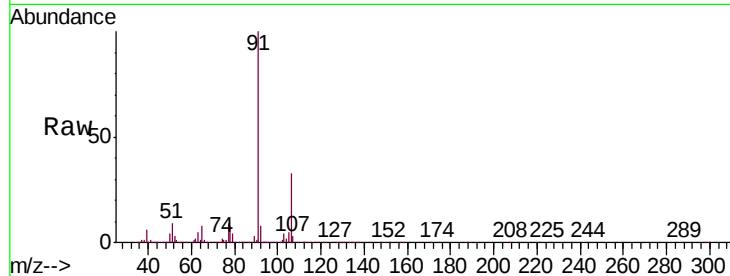




#67
Ethyl Benzene
Concen: 19.097 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

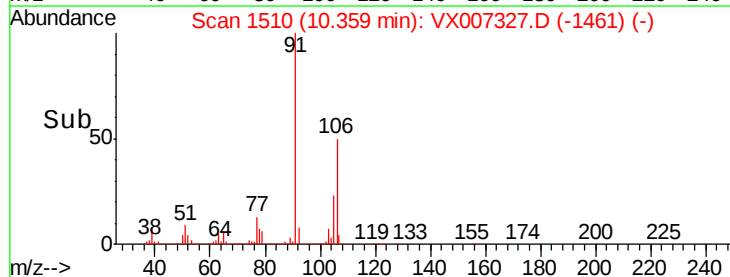
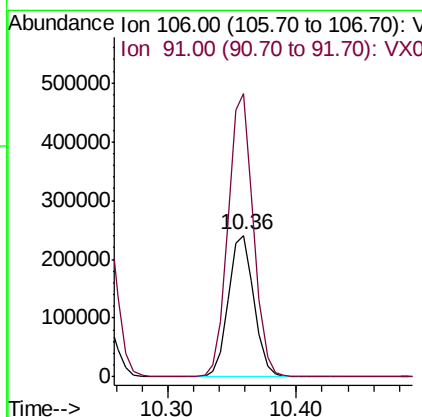
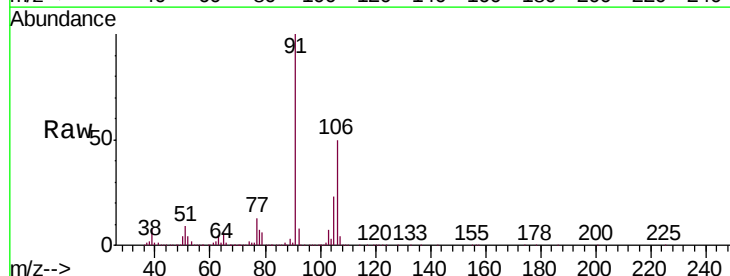
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

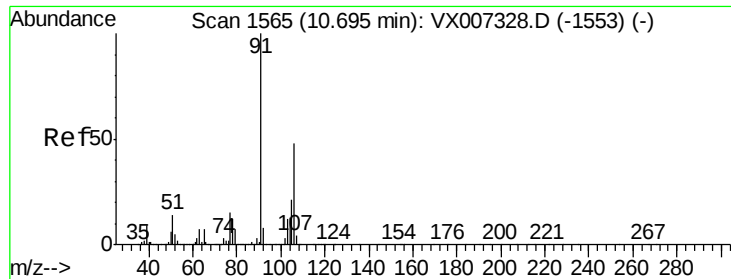
Tgt Ion: 91 Resp: 423855
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.0



#68
m/p-Xylenes
Concen: 38.021 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 106 Resp: 335455
Ion Ratio Lower Upper
106 100
91 197.4 156.6 234.8

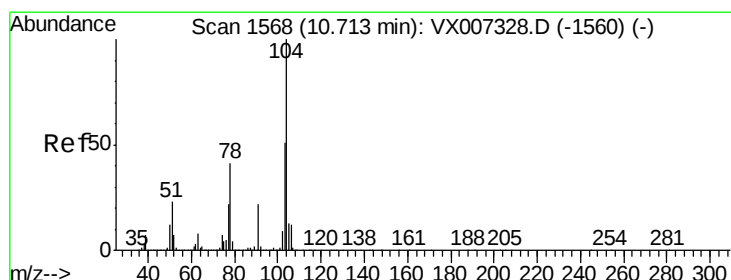
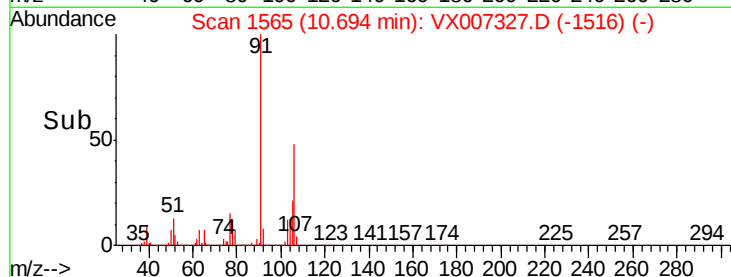
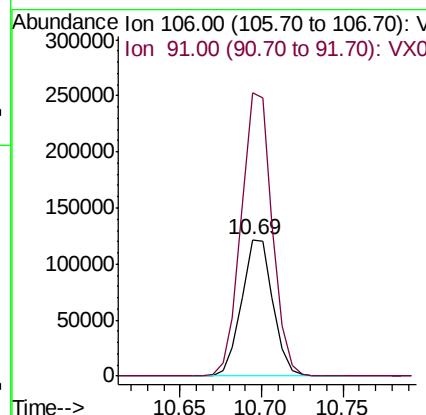
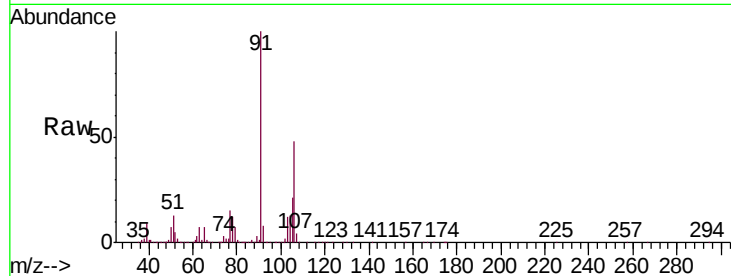




#69
o-Xylene
Concen: 19.238 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

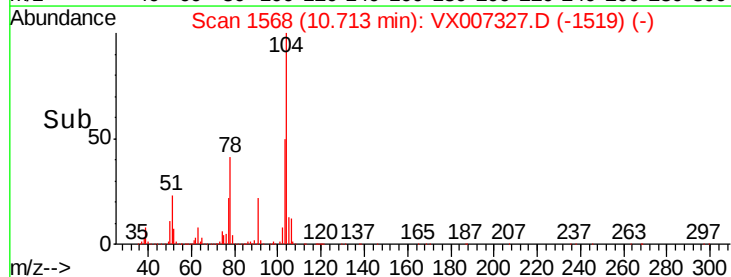
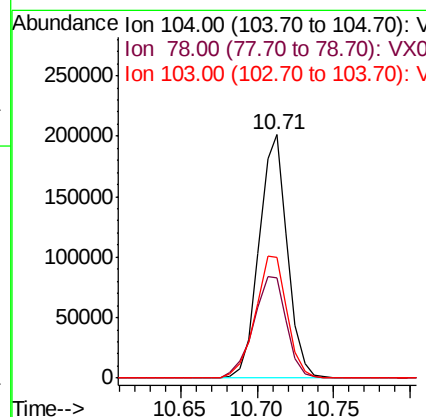
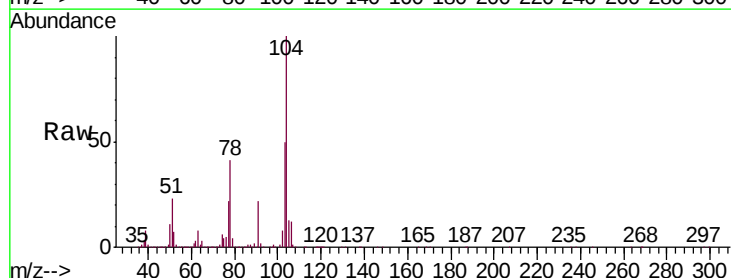
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

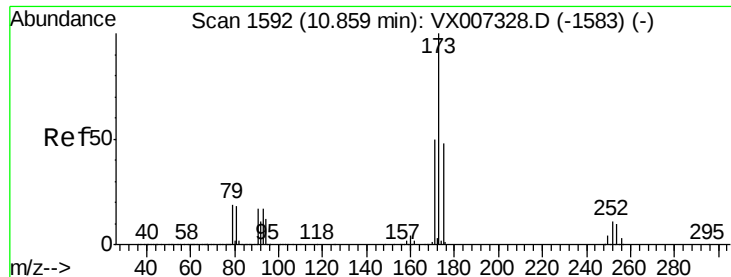
Tgt Ion:106 Resp: 163328
Ion Ratio Lower Upper
106 100
91 205.2 102.9 308.7



#70
Styrene
Concen: 18.837 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion:104 Resp: 259362
Ion Ratio Lower Upper
104 100
78 48.5 38.3 57.5
103 56.5 44.6 67.0





#71

Bromoform

Concen: 17.827 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

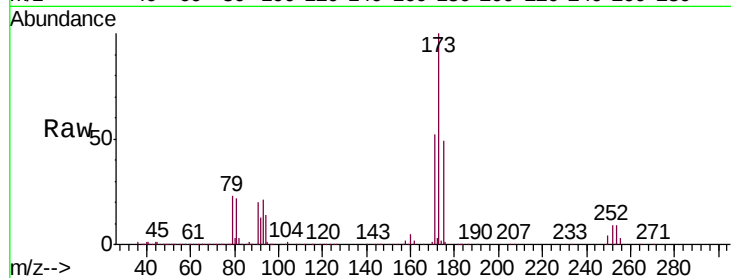
Tgt Ion:173 Resp: 63738

Ion Ratio Lower Upper

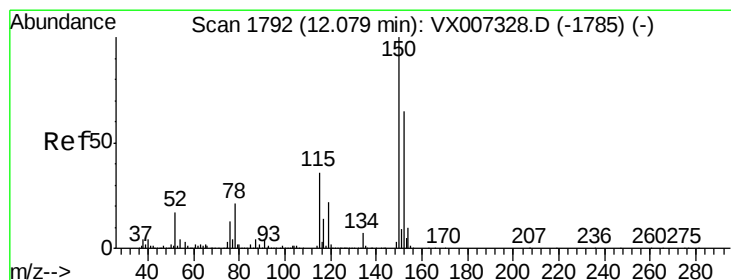
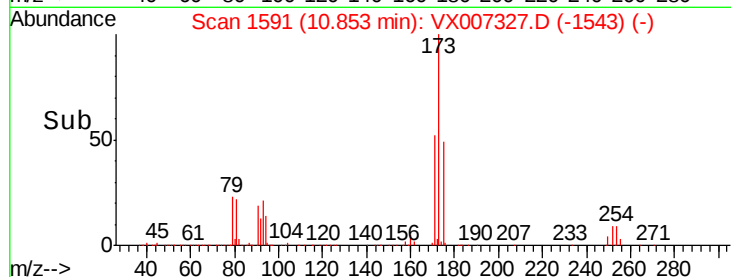
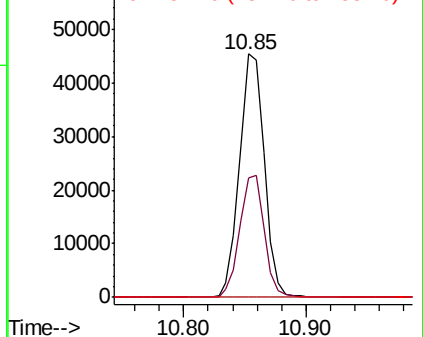
173 100

175 49.5 24.2 72.6

254 0.1 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

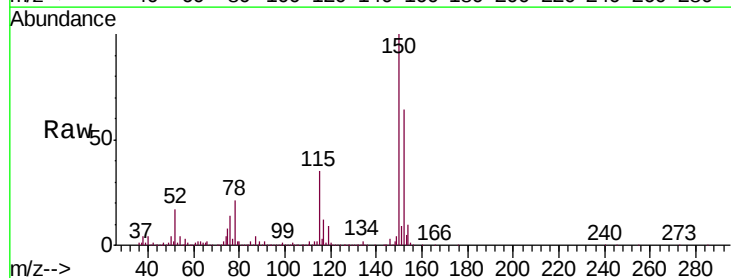
Tgt Ion:152 Resp: 336797

Ion Ratio Lower Upper

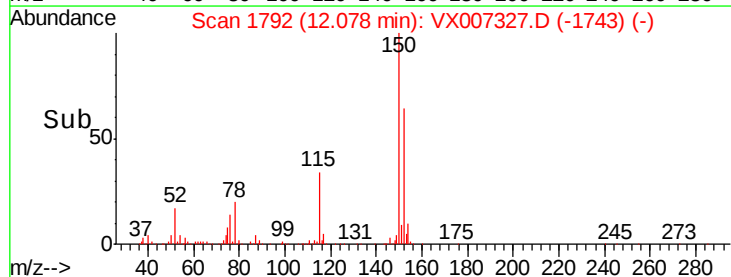
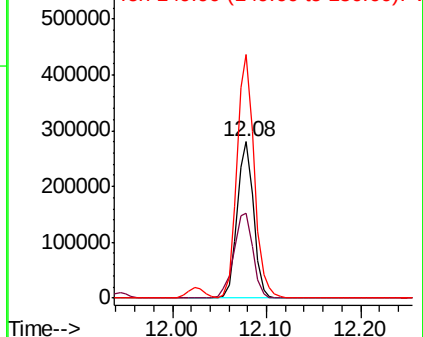
152 100

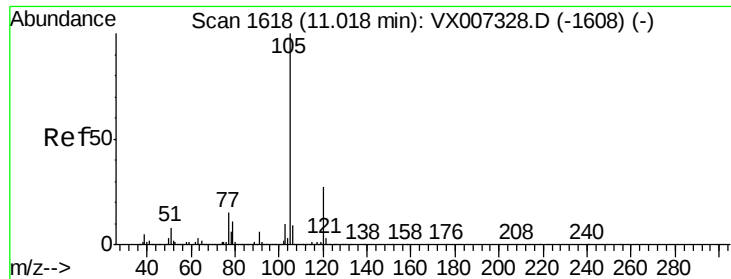
115 63.7 38.0 114.0

150 163.6 0.0 346.4



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: 18.990 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

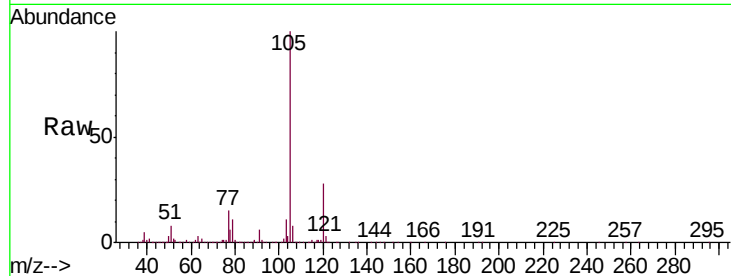
VSTDIC020

Tgt Ion: 105 Resp: 434635

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

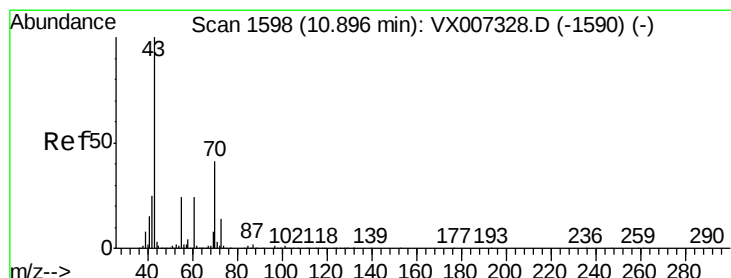
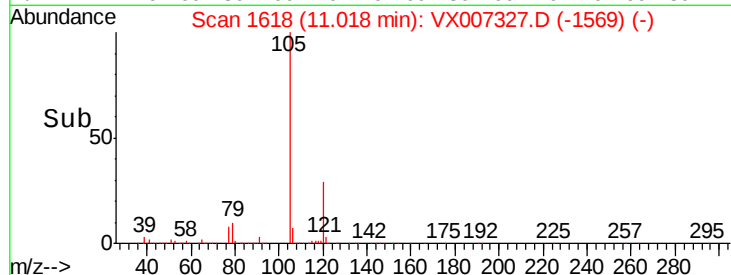
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.493 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Tgt Ion: 43 Resp: 163707

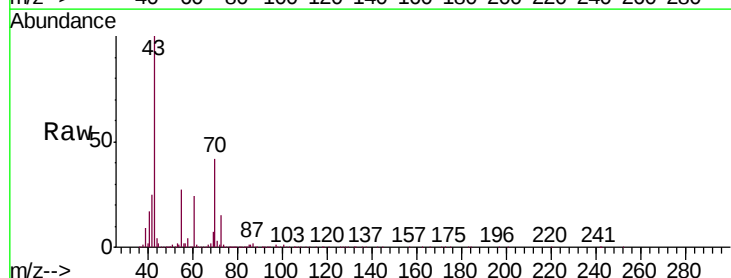
Ion Ratio Lower Upper

43 100

70 42.9 33.8 50.6

55 26.2 19.5 29.3

61 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

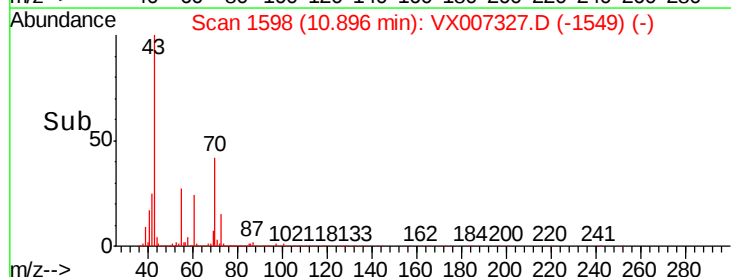
150000

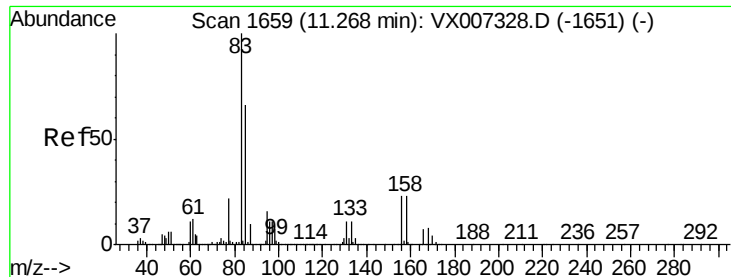
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.526 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

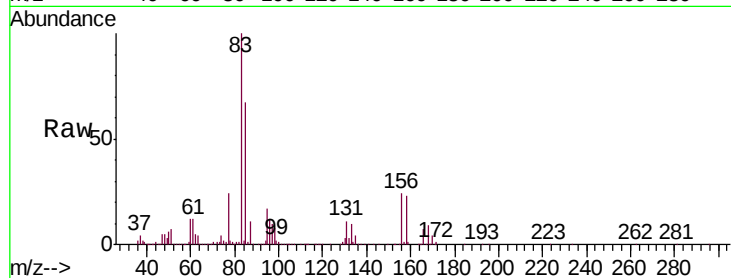
Tgt Ion: 83 Resp: 129218

Ion Ratio Lower Upper

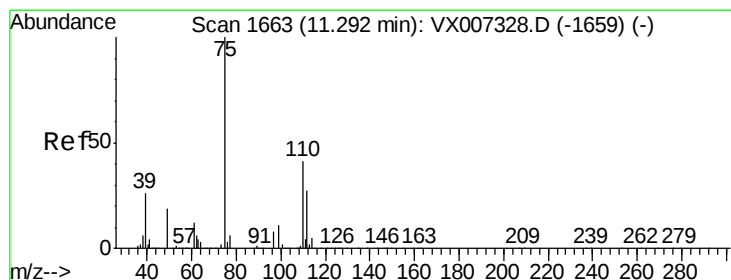
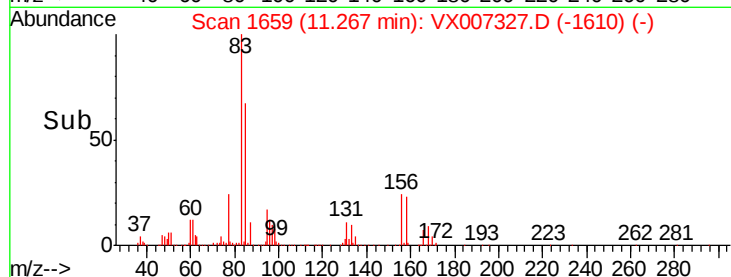
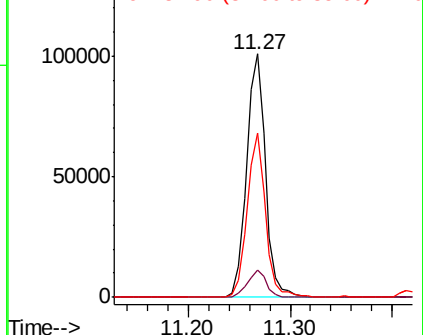
83 100

131 11.2 5.7 17.0

85 65.6 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.709 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007327.D

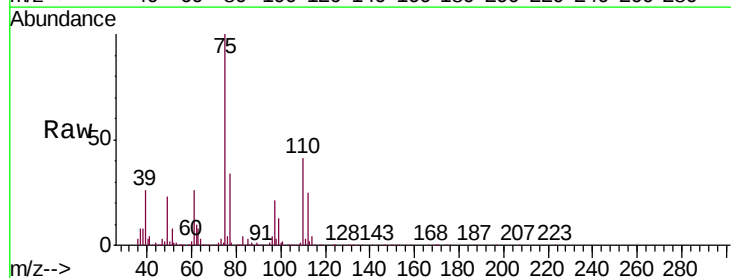
Acq: 01 Feb 2019 10:29

Tgt Ion: 75 Resp: 148233

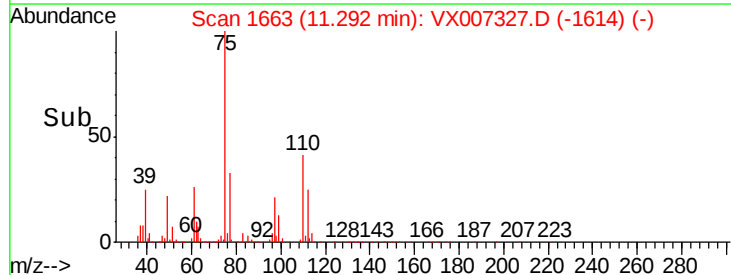
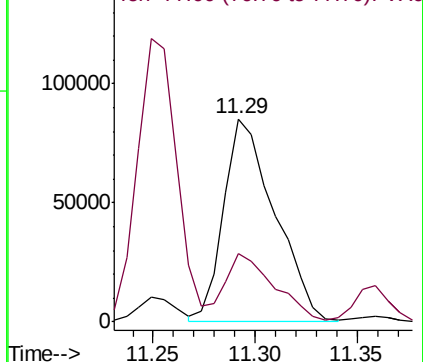
Ion Ratio Lower Upper

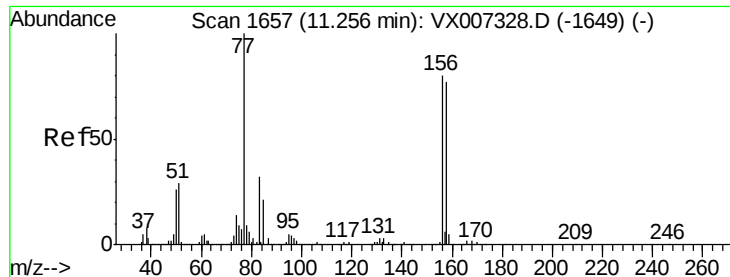
75 100

77 32.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.705 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

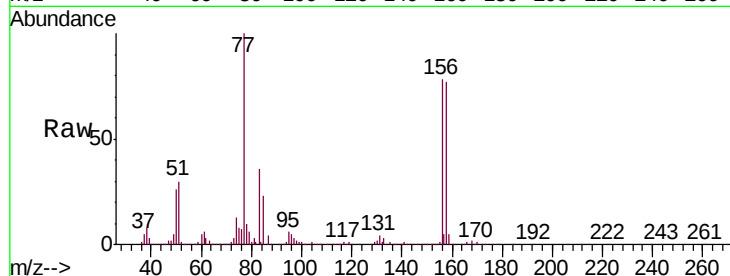
Tgt Ion:156 Resp: 120622

Ion Ratio Lower Upper

156 100

77 132.0 66.8 200.6

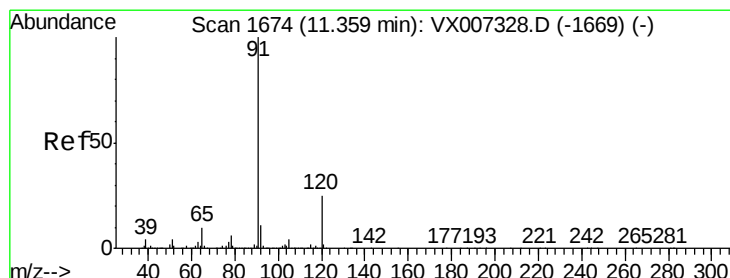
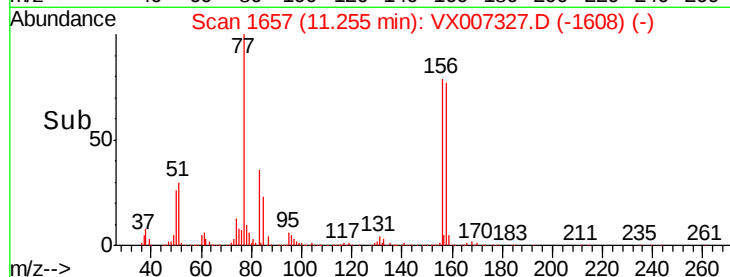
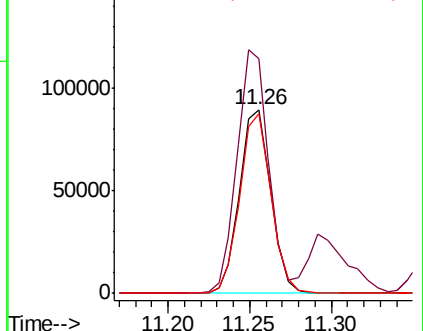
158 97.6 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.553 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007327.D

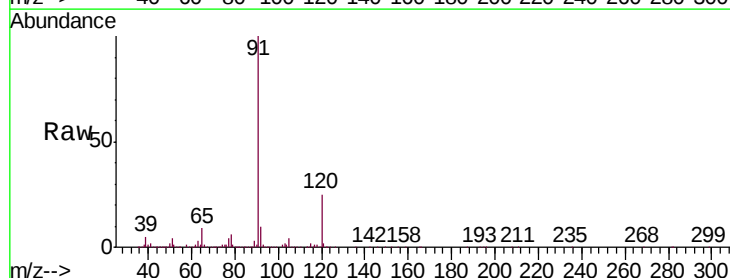
Acq: 01 Feb 2019 10:29

Tgt Ion: 91 Resp: 490737

Ion Ratio Lower Upper

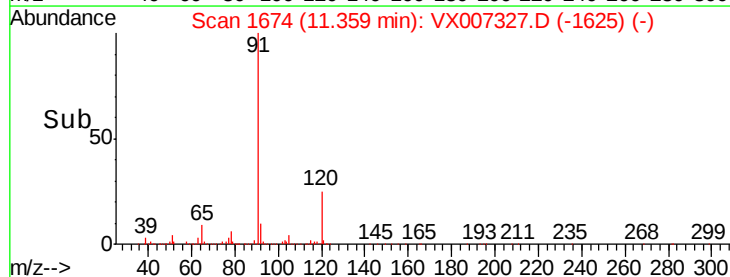
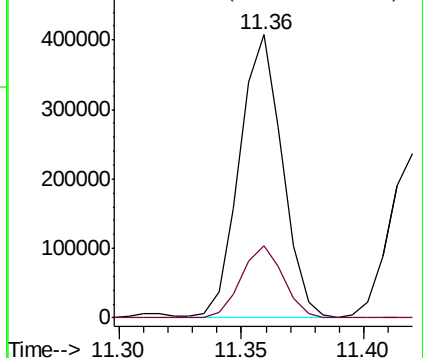
91 100

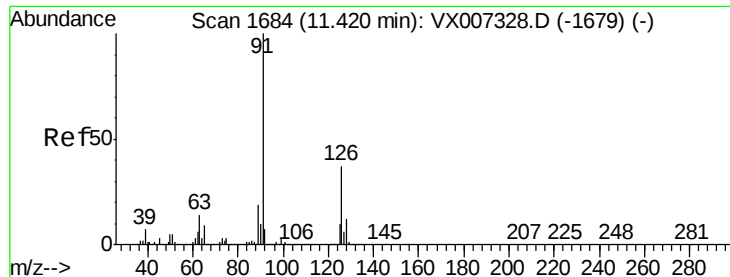
120 25.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.875 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

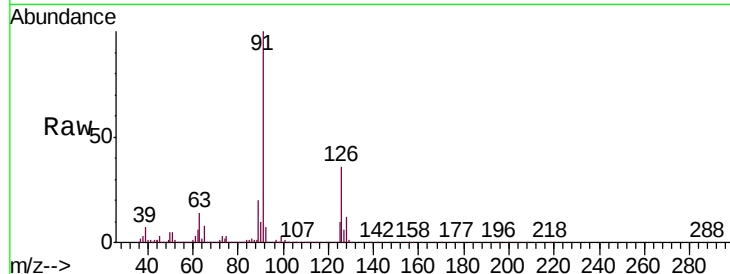
VSTDIC020

Tgt Ion: 91 Resp: 287439

Ion Ratio Lower Upper

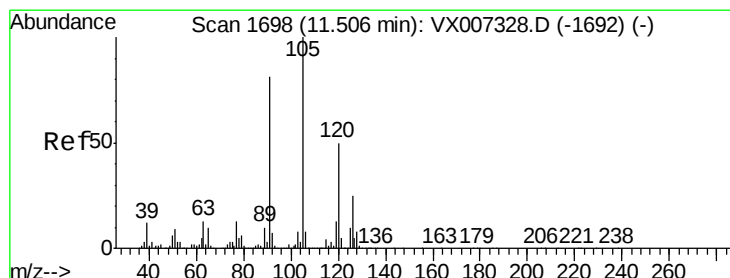
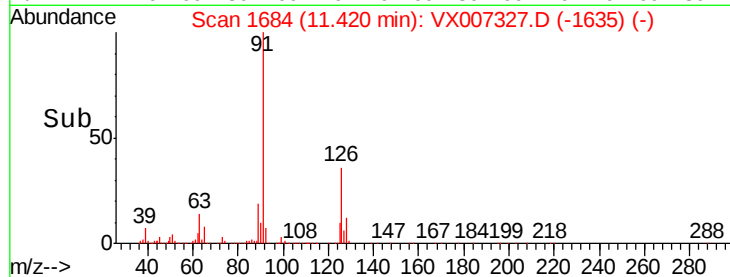
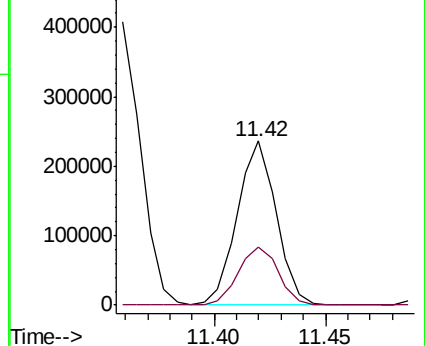
91 100

126 37.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.227 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007327.D

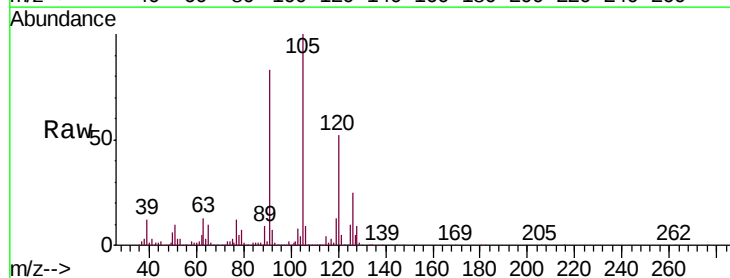
Acq: 01 Feb 2019 10:29

Tgt Ion: 105 Resp: 360012

Ion Ratio Lower Upper

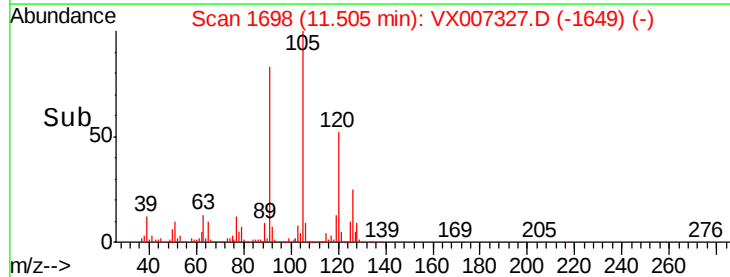
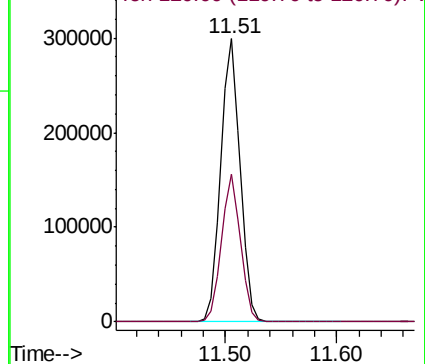
105 100

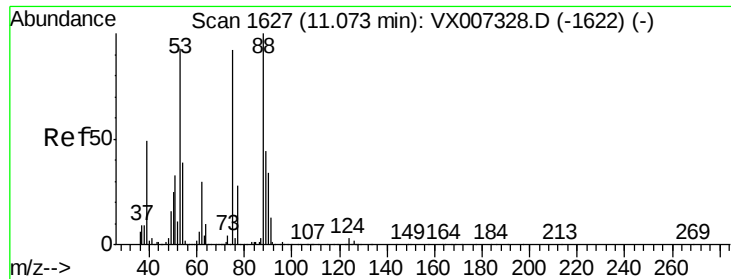
120 51.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.135 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

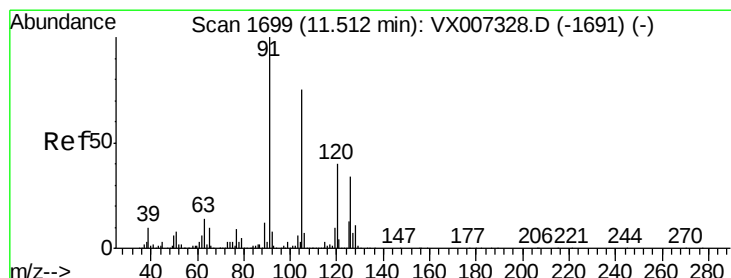
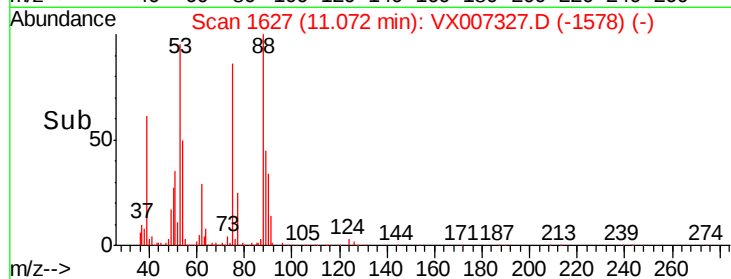
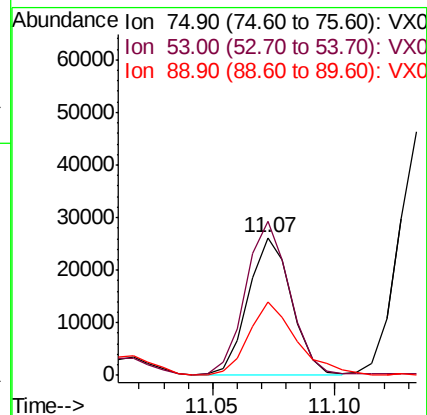
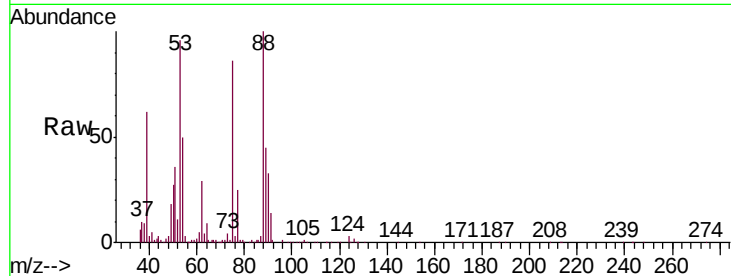
Tgt Ion: 75 Resp: 32332

Ion Ratio Lower Upper

75 100

53 112.8 81.0 121.6

89 57.9 41.4 62.0



#82

4-Chlorotoluene

Concen: 18.901 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007327.D

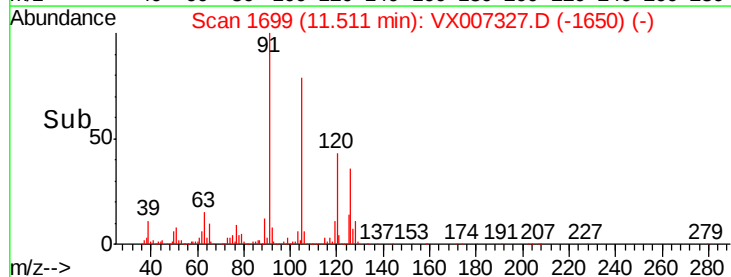
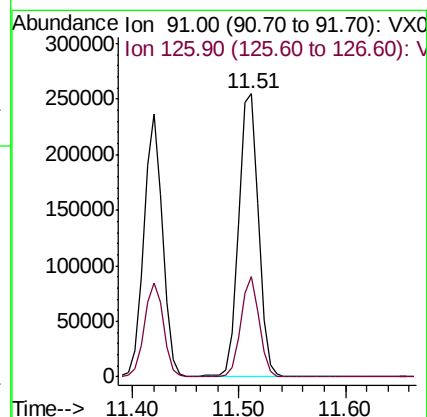
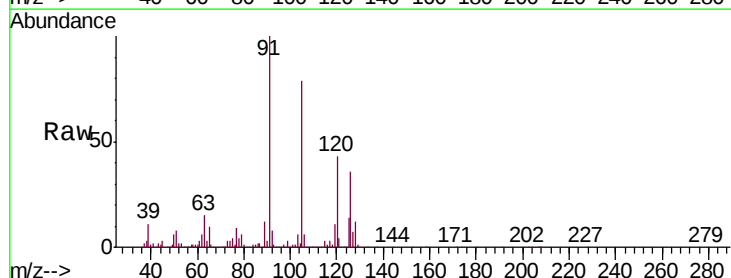
Acq: 01 Feb 2019 10:29

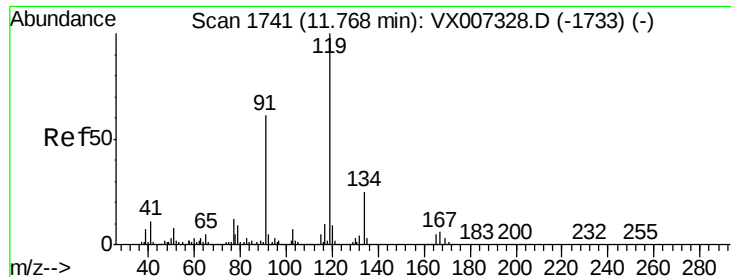
Tgt Ion: 91 Resp: 333060

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.5

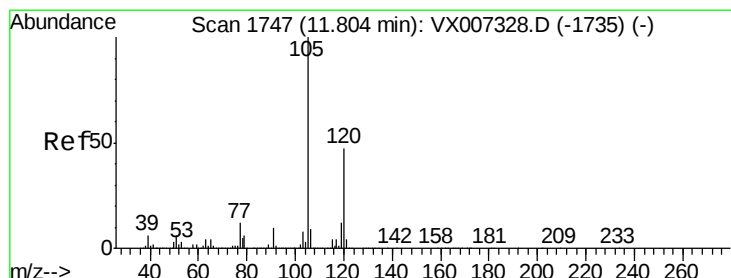
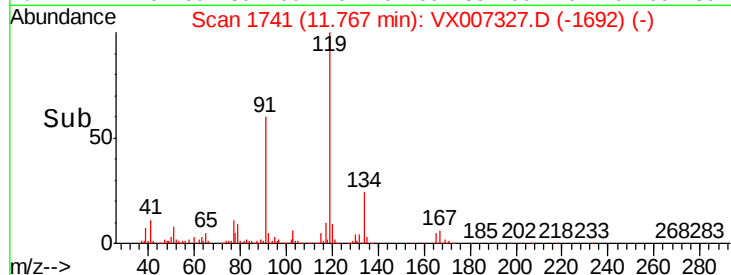
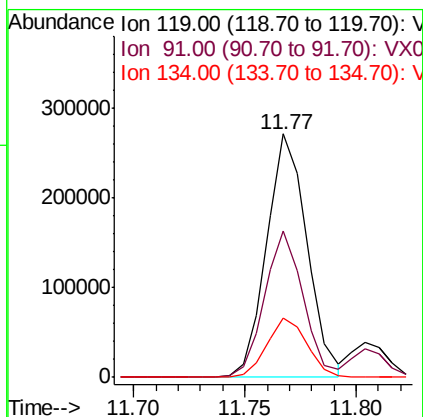
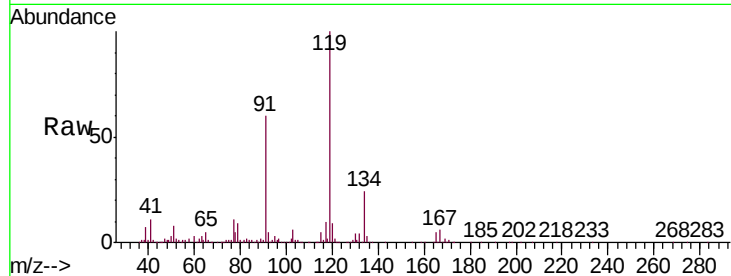




#83
tert-Butylbenzene
Concen: 18.491 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

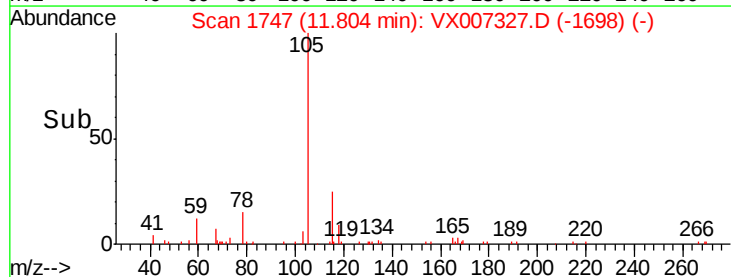
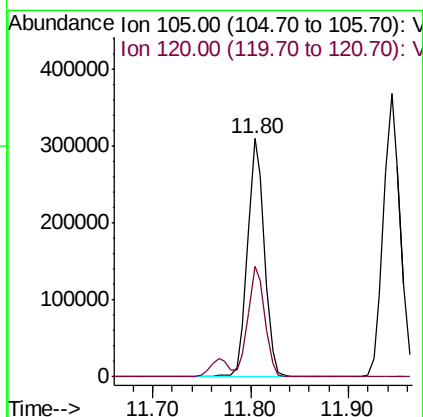
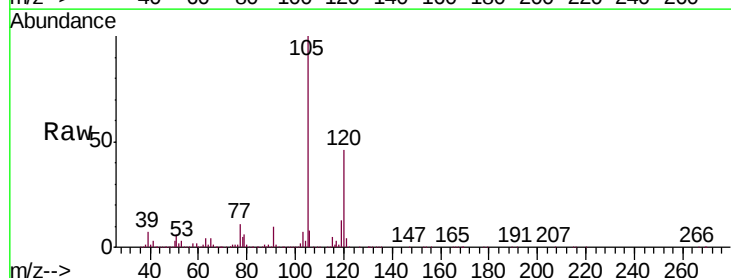
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

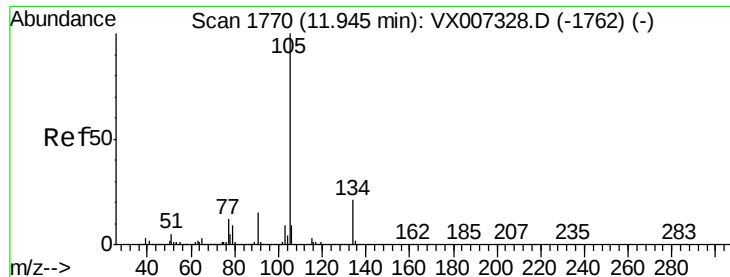
Tgt Ion:119 Resp: 342794
Ion Ratio Lower Upper
119 100
91 57.5 28.5 85.6
134 24.2 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 19.531 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion:105 Resp: 371277
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.576 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

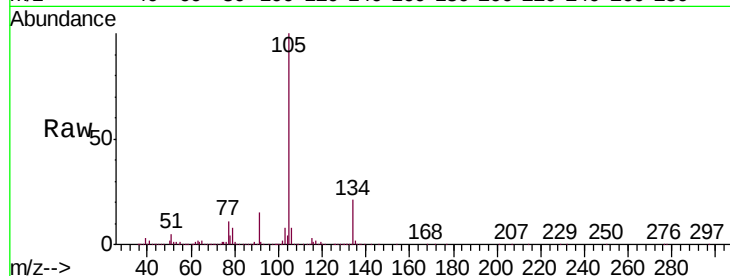
VSTDIC020

Tgt Ion:105 Resp: 439241

Ion Ratio Lower Upper

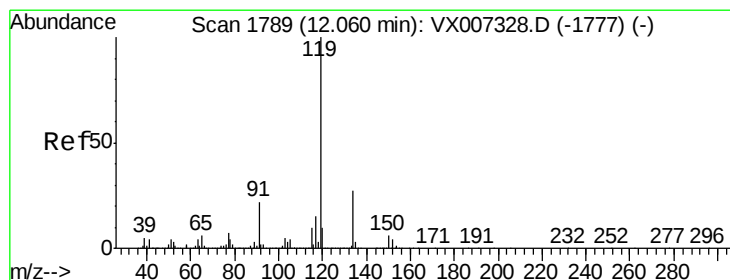
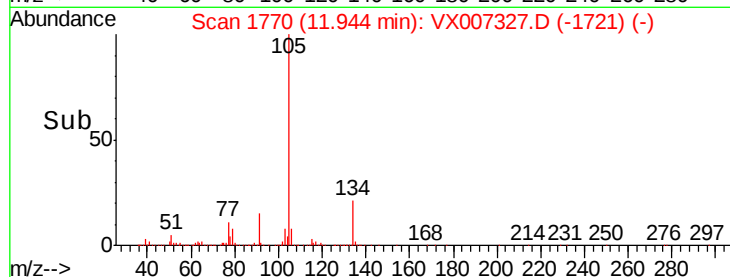
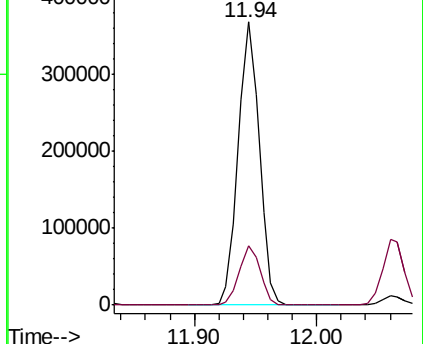
105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.161 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

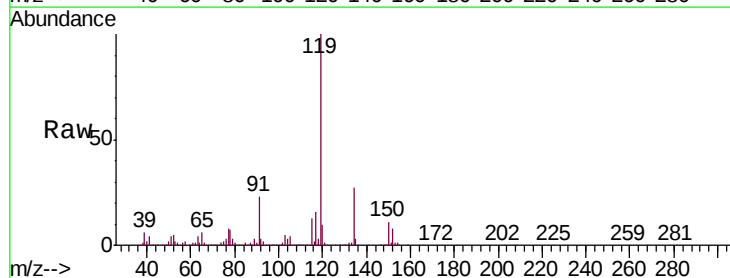
Tgt Ion:119 Resp: 388084

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

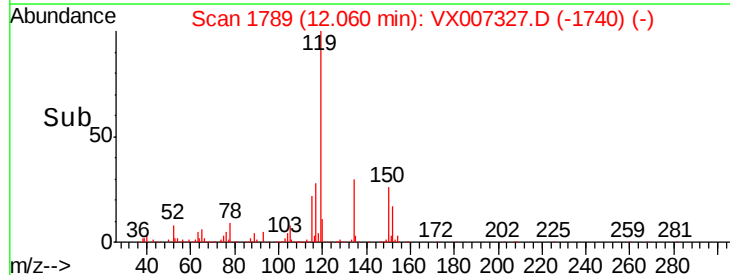
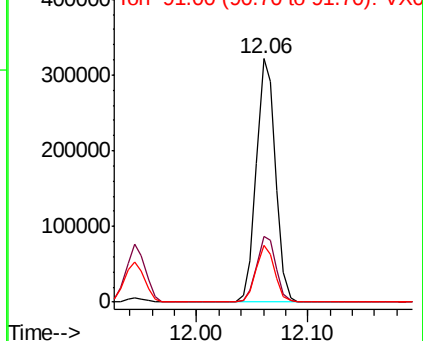
91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

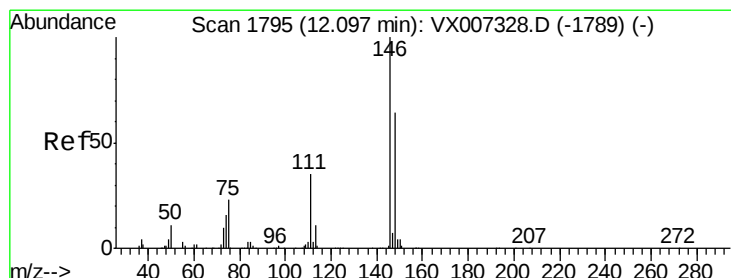
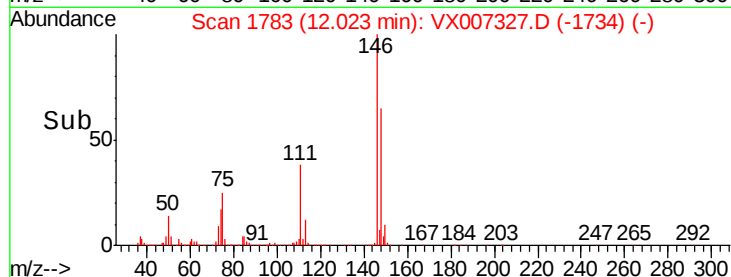
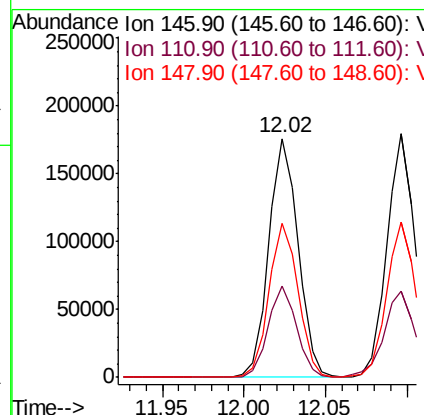
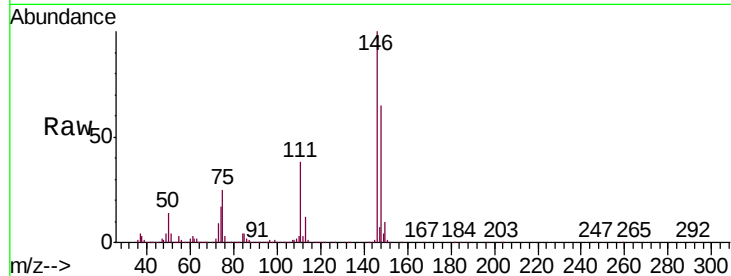




#87
 1,3-Dichlorobenzene
 Concen: 18.829 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

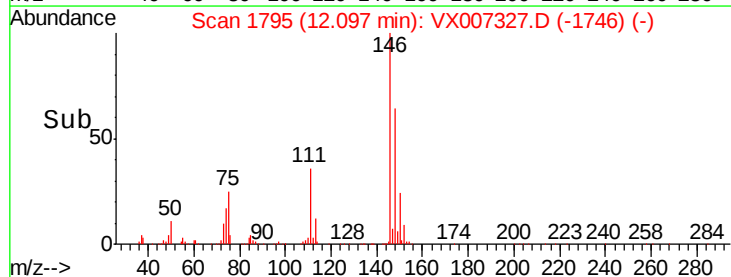
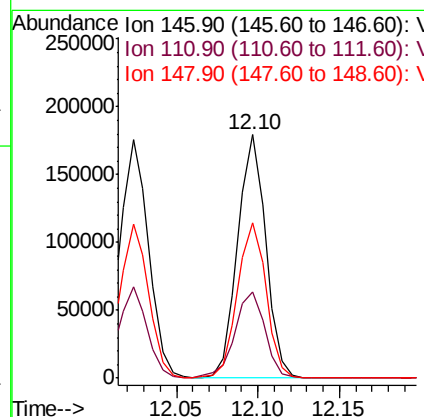
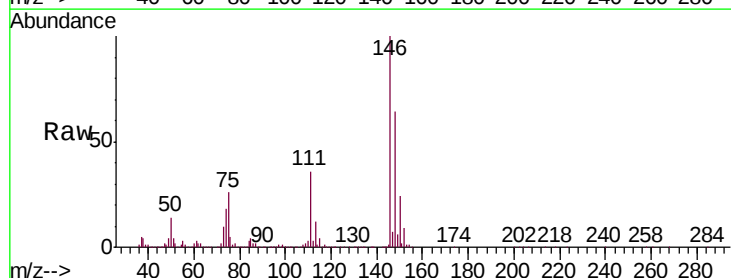
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

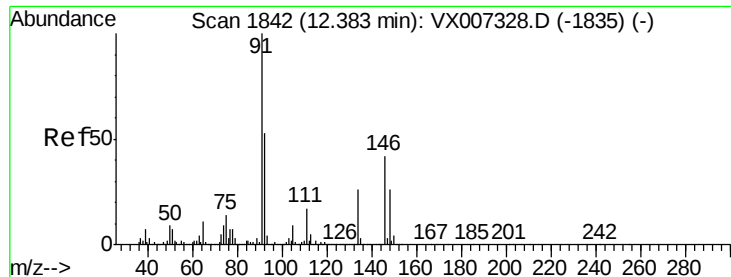
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.284 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.1	54.1
148	65.4	32.3	96.9

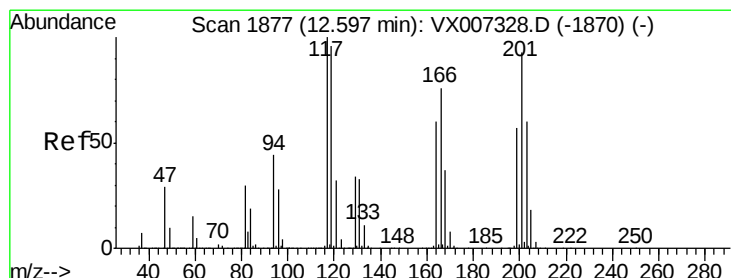
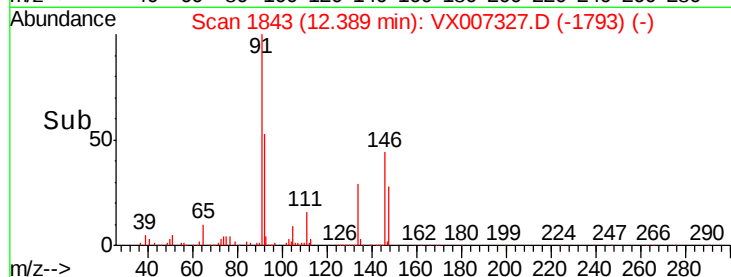
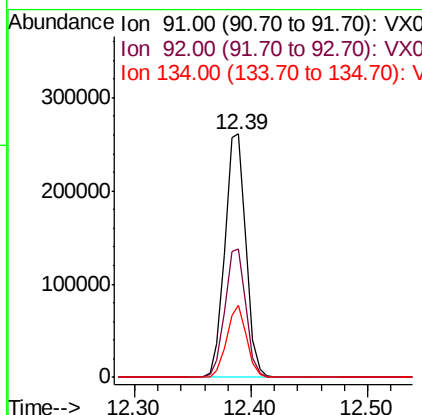
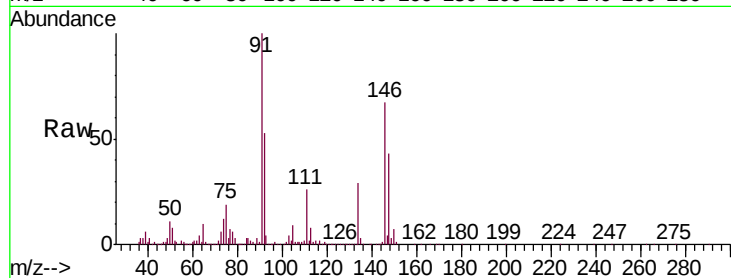




#89
n-Butylbenzene
Concen: 18.588 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

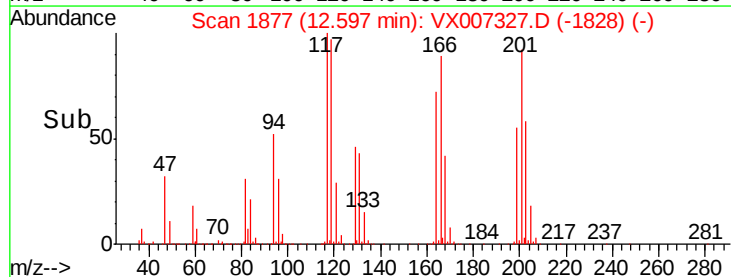
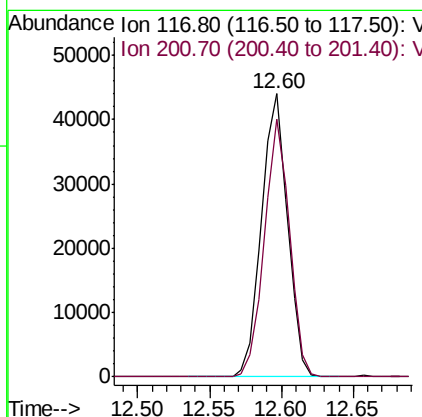
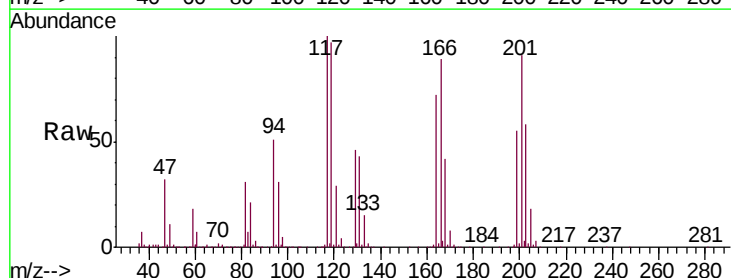
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

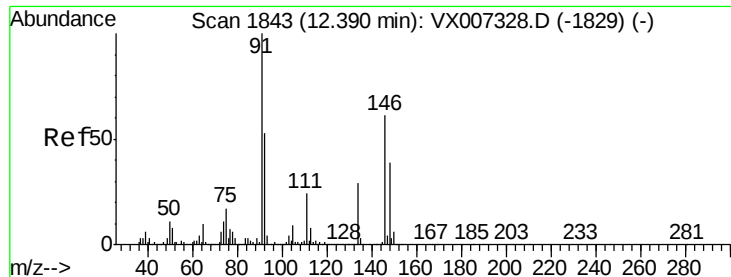
Tgt Ion: 91 Resp: 323860
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 28.0 13.9 41.6



#90
Hexachloroethane
Concen: 18.054 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007327.D
Acq: 01 Feb 2019 10:29

Tgt Ion: 117 Resp: 54728
Ion Ratio Lower Upper
117 100
201 88.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.723 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

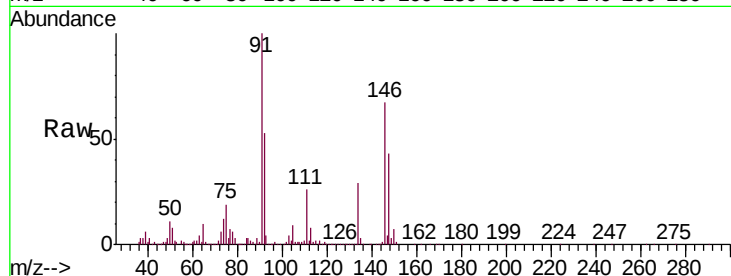
Tgt Ion:146 Resp: 215638

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

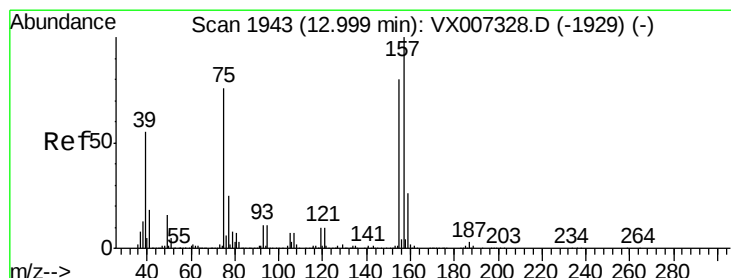
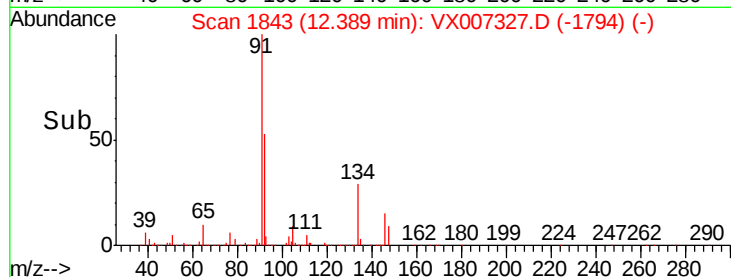
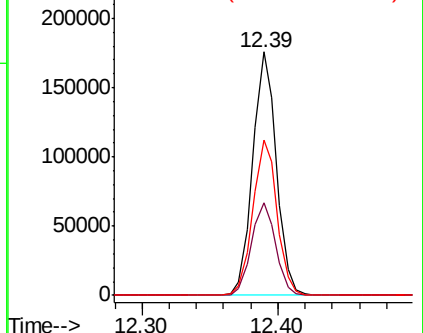
148 65.1 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.658 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

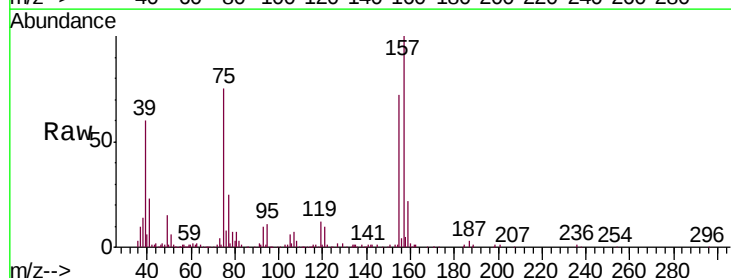
Tgt Ion: 75 Resp: 25610

Ion Ratio Lower Upper

75 100

155 98.6 49.6 149.0

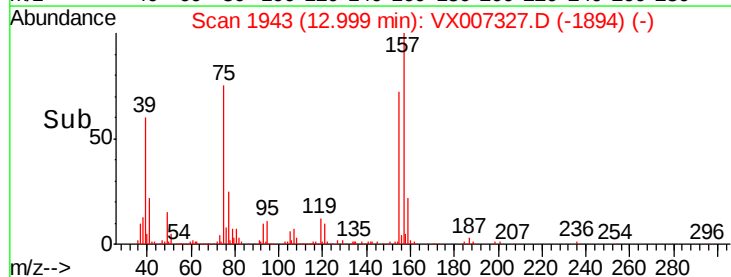
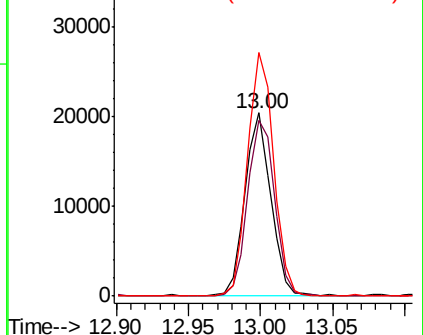
157 132.4 65.1 195.3

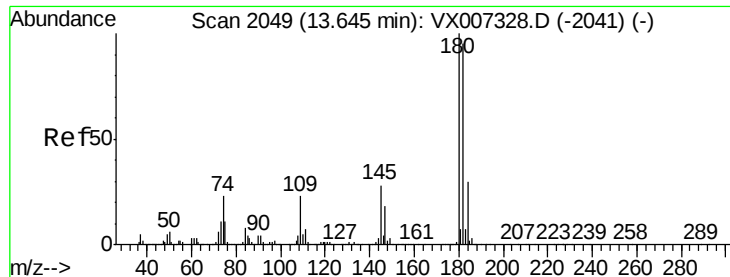


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

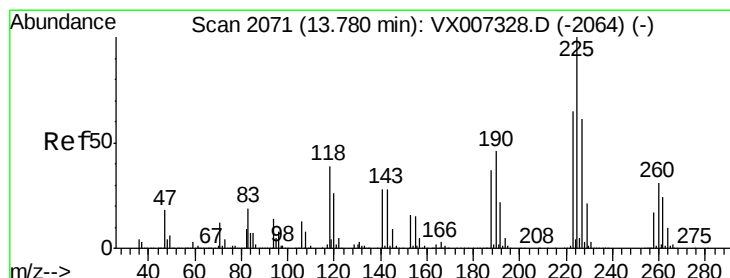
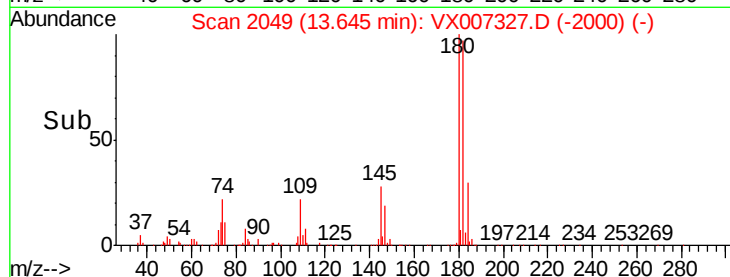
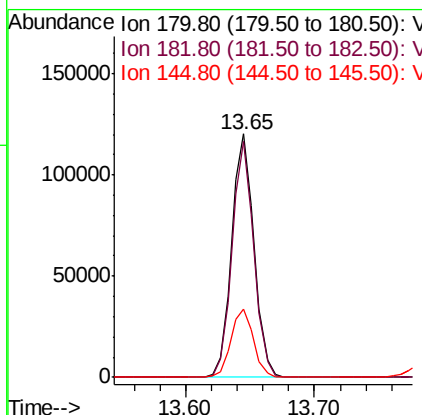
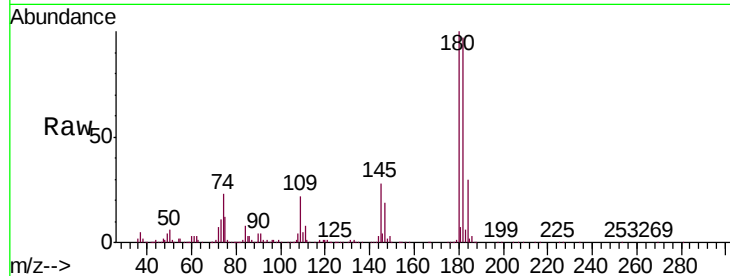




#93
 1,2,4-Trichlorobenzene
 Concen: 18.783 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

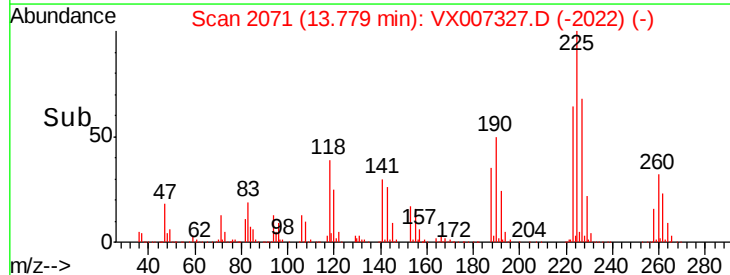
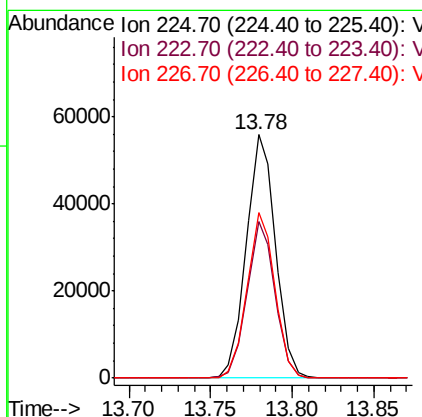
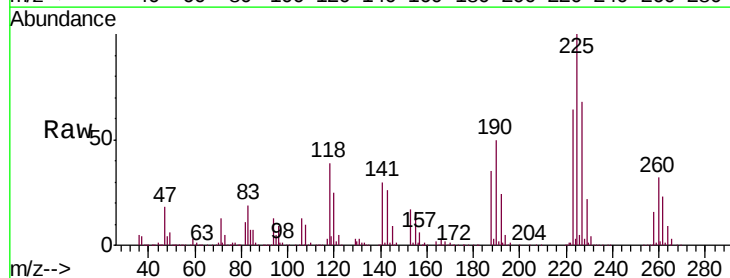
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

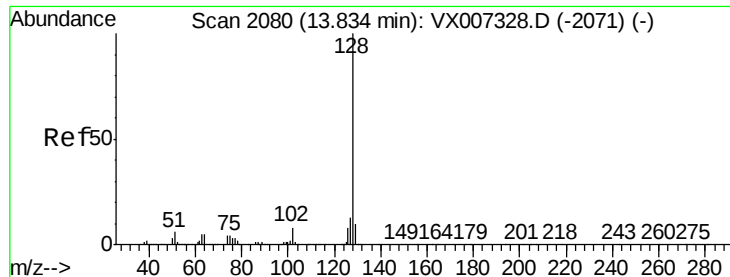
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.3
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.487 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007327.D
 Acq: 01 Feb 2019 10:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.6	94.8
227	65.0	32.1	96.3





#95

Naphthalene

Concen: 18.825 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

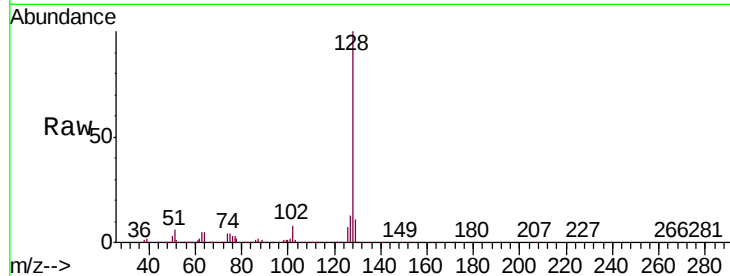
Tgt Ion:128 Resp: 427591

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

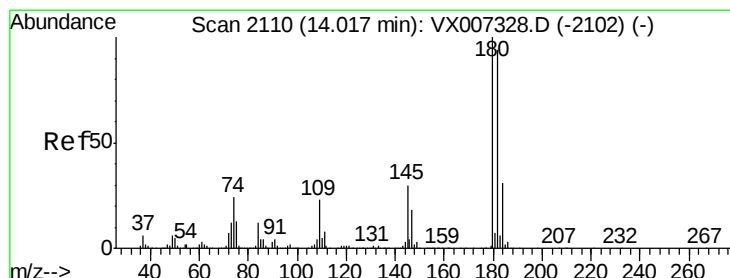
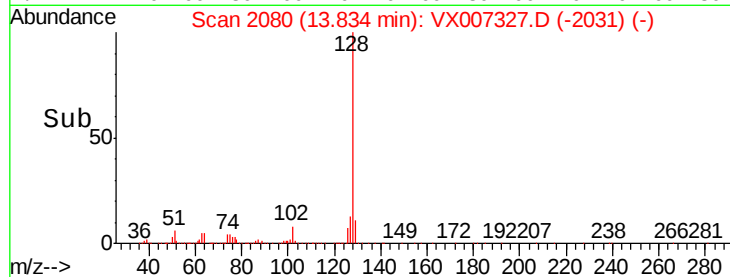
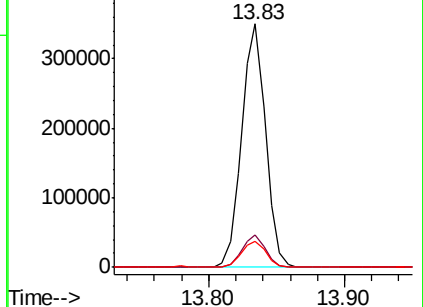
129 10.8 8.7 13.1



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: 18.651 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007327.D

Acq: 01 Feb 2019 10:29

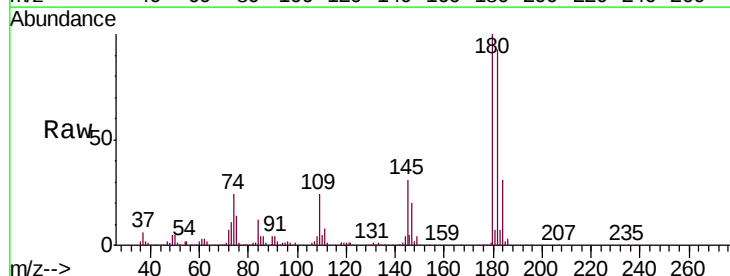
Tgt Ion:180 Resp: 145822

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.6

145 29.8 14.9 44.5



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

