

Data File : VX007332.D
Acq On : 01 Feb 2019 12:41
Operator : JC/SP
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Feb 02 00:28:27 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	5.67	168	484122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	715508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	636667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	308780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	11742	2.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.58%	
35) Dibromofluoromethane	5.51	113	9287	1.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.98%	
50) Toluene-d8	8.71	98	27406	1.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.18%	
62) 4-Bromofluorobenzene	11.13	95	7703	1.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.44%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	4730	0.876 ug/l	99
3) Chloromethane	1.33	50	6792	1.246 ug/l	96
4) Vinyl Chloride	1.41	62	5458	1.020 ug/l	96
5) Bromomethane	1.64	94	9845	1.617 ug/l	97
6) Chloroethane	1.73	64	3282	0.948 ug/l #	84
7) Trichlorofluoromethane	1.93	101	9096	1.087 ug/l	86
8) Diethyl Ether	2.19	74	3676	1.167 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6122	1.230 ug/l	91
10) Methyl Iodide	2.51	142	6475	0.884 ug/l #	91
11) Tert butyl alcohol	3.07	59	8308	7.812 ug/l #	71
12) 1,1-Dichloroethene	2.38	96	5724	1.238 ug/l #	71
13) Acrolein	2.29	56	3093	6.202 ug/l #	78
14) Allyl chloride	2.73	41	7896	1.048 ug/l	89
15) Acrylonitrile	3.15	53	15803	6.007 ug/l	94
16) Acetone	2.45	43	14524	6.170 ug/l	90
17) Carbon Disulfide	2.57	76	16248	1.332 ug/l #	93
18) Methyl Acetate	2.78	43	8689	1.305 ug/l #	87
19) Methyl tert-butyl Ether	3.21	73	16880	1.127 ug/l	99
20) Methylene Chloride	2.86	84	7167	1.347 ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	6049	1.228 ug/l	93
22) Diisopropyl ether	3.87	45	14696	1.061 ug/l	97
23) Vinyl Acetate	3.82	43	57283	4.983 ug/l	98
24) 1,1-Dichloroethane	3.70	63	9146	1.150 ug/l #	94
25) 2-Butanone	4.70	43	20491	6.117 ug/l	97
26) 2,2-Dichloropropane	4.59	77	6244	1.031 ug/l	87
27) cis-1,2-Dichloroethene	4.59	96	6866	1.277 ug/l	98
28) Bromochloromethane	5.02	49	4397	1.202 ug/l #	88
29) Tetrahydrofuran	5.17	42	12156	5.770 ug/l	97
30) Chloroform	5.21	83	9246	1.114 ug/l	93
31) Cyclohexane	5.57	56	7864	1.101 ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	7283	1.039 ug/l #	46
36) 1,1-Dichloropropene	5.80	75	7701	1.200 ug/l	98
37) Ethyl Acetate	4.86	43	8322	1.282 ug/l #	76
38) Carbon Tetrachloride	5.78	117	6249	1.003 ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	8384	1.079	ug/l	92
40) Benzene	6.15	78	21407	1.132	ug/l #	89
41) Methacrylonitrile	5.06	41	1873	0.528	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	7833	1.197	ug/l	96
43) Isopropyl Acetate	6.46	43	10539	1.052	ug/l	99
44) Trichloroethene	7.21	130	6597	1.158	ug/l	96
45) 1,2-Dichloropropane	7.52	63	5295	1.118	ug/l	94
46) Dibromomethane	7.66	93	4182	1.214	ug/l	84
47) Bromodichloromethane	7.90	83	6019	1.031	ug/l #	83
48) Methyl methacrylate	7.77	41	4384	0.875	ug/l #	75
49) 1,4-Dioxane	7.75	88	3368	27.010	ug/l #	91
51) 4-Methyl-2-Pentanone	8.65	43	34564	5.242	ug/l	98
52) Toluene	8.78	92	12873	1.055	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	5458	0.871	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	5945	0.862	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	5917	1.163	ug/l #	77
56) Ethyl methacrylate	9.18	69	7067	1.003	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	8935	1.105	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	17930	4.829	ug/l	100
59) 2-Hexanone	9.49	43	26993	5.260	ug/l	98
60) Dibromochloromethane	9.58	129	3794	0.789	ug/l	83
61) 1,2-Dibromoethane	9.67	107	5783	1.074	ug/l	97
64) Tetrachloroethene	9.34	164	7140	1.190	ug/l	94
65) Chlorobenzene	10.14	112	16561	1.192	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	4618	0.991	ug/l #	65
67) Ethyl Benzene	10.25	91	24000	1.073	ug/l	100
68) m/p-Xylenes	10.36	106	18696	2.102	ug/l	100
69) o-Xylene	10.70	106	8805	1.029	ug/l	95
70) Styrene	10.71	104	14318	1.032	ug/l	97
71) Bromoform	10.86	173	3162	0.877	ug/l #	99
73) Isopropylbenzene	11.02	105	23977	1.143	ug/l	97
74) N-amyl acetate	10.90	43	9315	1.148	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	7818	1.223	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	7843	1.253	ug/l	84
77) Bromobenzene	11.26	156	7284	1.232	ug/l	97
78) n-propylbenzene	11.36	91	23826	1.035	ug/l	97
79) 2-Chlorotoluene	11.42	91	16481	1.180	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	18383	1.071	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	1737	1.004	ug/l #	60
82) 4-Chlorotoluene	11.51	91	17633	1.091	ug/l	92
83) tert-Butylbenzene	11.77	119	18913	1.113	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	18010	1.033	ug/l	96
85) sec-Butylbenzene	11.94	105	20687	1.006	ug/l	98
86) p-Isopropyltoluene	12.06	119	19152	1.031	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	12904	1.216	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	12904	1.200	ug/l	95
89) n-Butylbenzene	12.39	91	16238	1.017	ug/l	99
90) Hexachloroethane	12.59	117	2715	0.977	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	12837	1.216	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1660	1.248	ug/l	72

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

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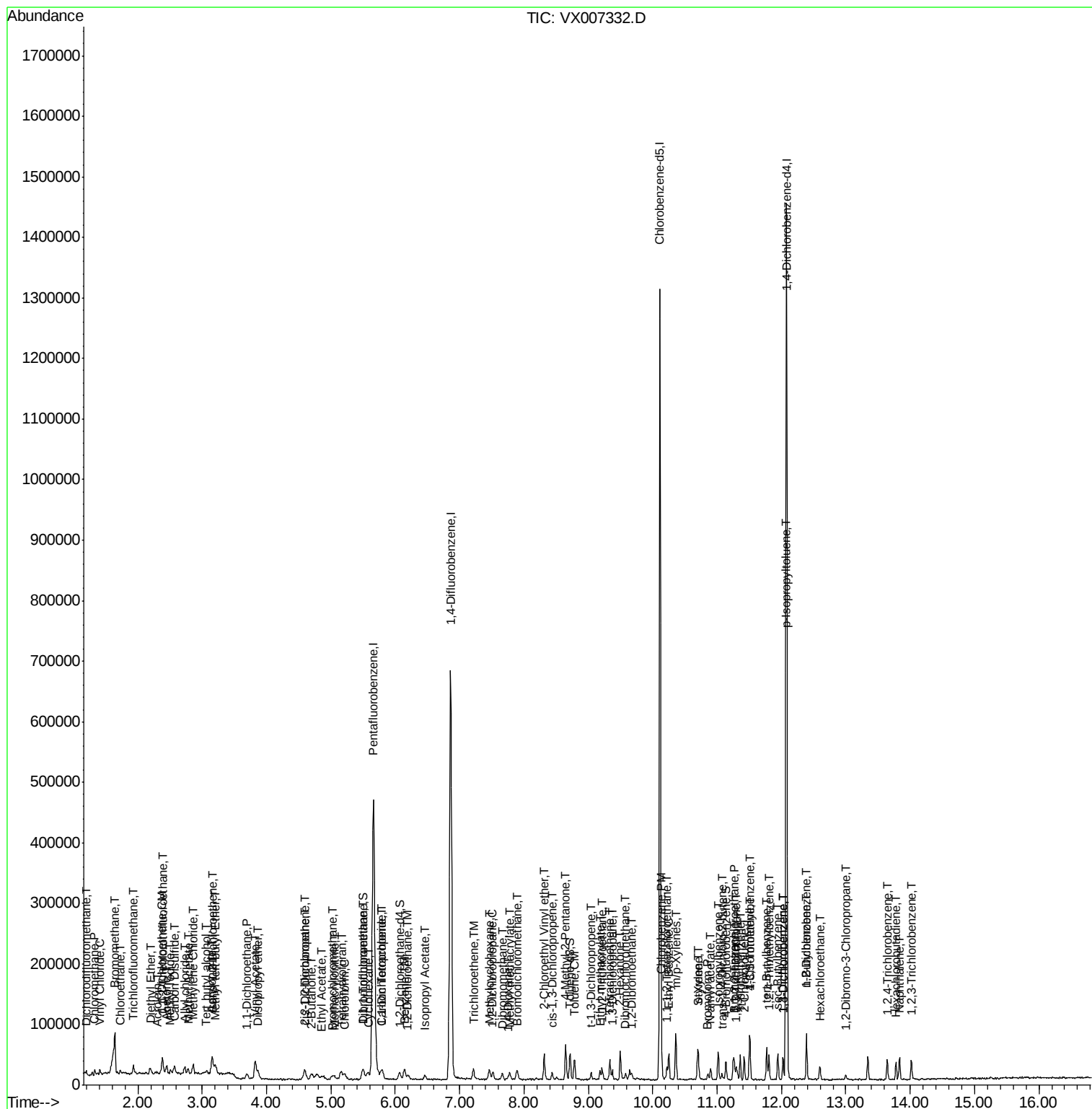
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	8190	1.150	ug/l	96
94) Hexachlorobutadiene	13.78	225	4221	1.221	ug/l	94
95) Naphthalene	13.83	128	23994	1.152	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	8651	1.207	ug/l	89

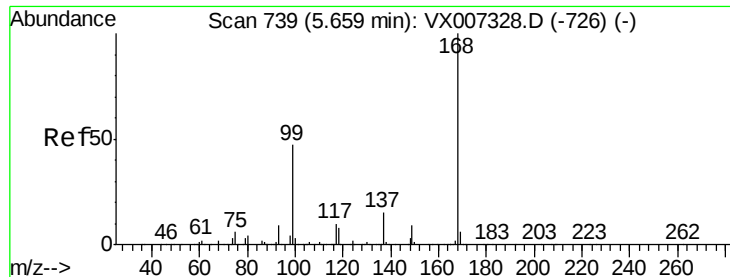
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

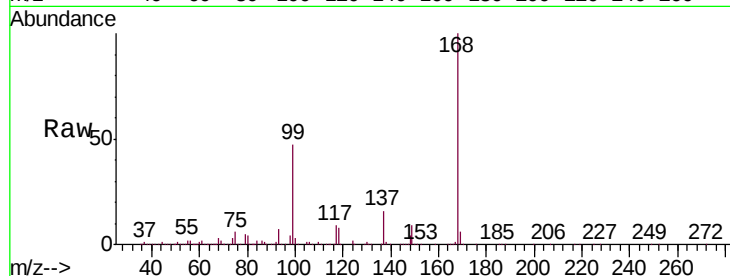
VSTDIC001

Tgt Ion:168 Resp: 484122

Ion Ratio Lower Upper

168 100

99 47.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

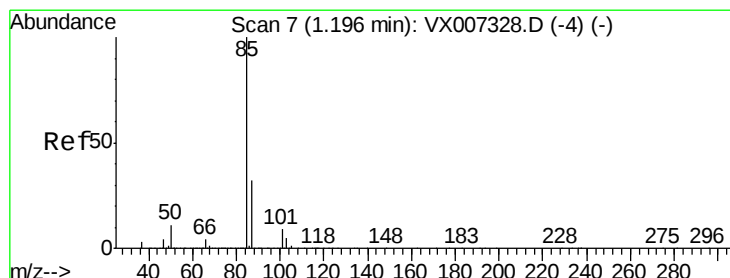
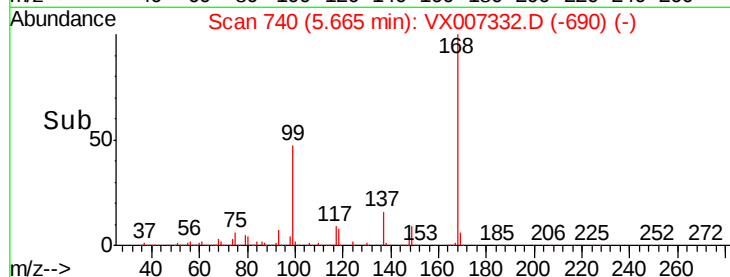
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.876 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007332.D

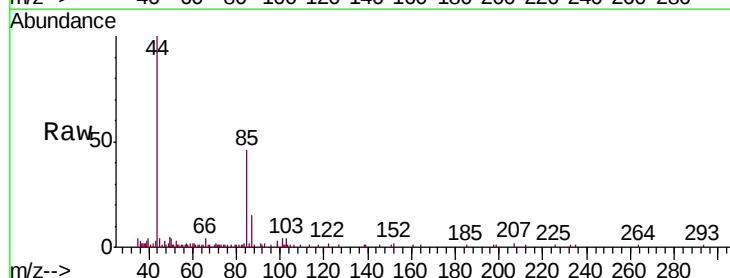
Acq: 01 Feb 2019 12:41

Tgt Ion: 85 Resp: 4730

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

4000

3000

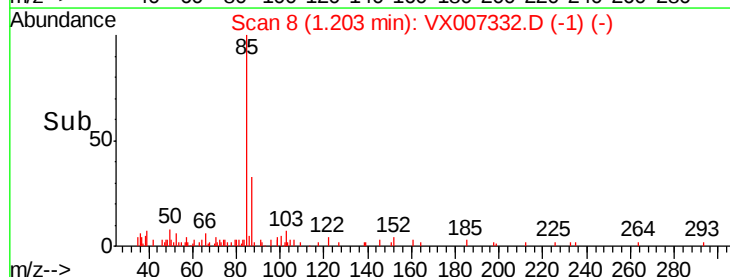
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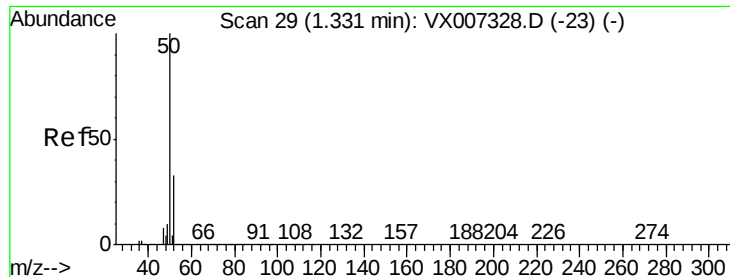
1000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 1.246 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

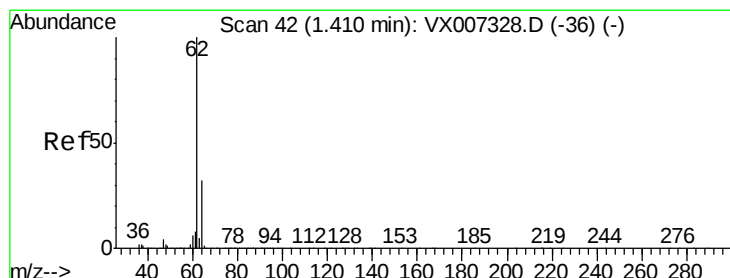
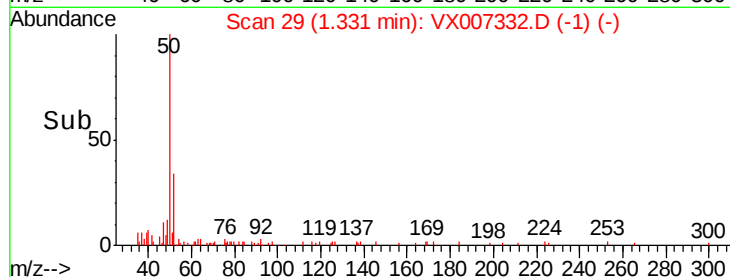
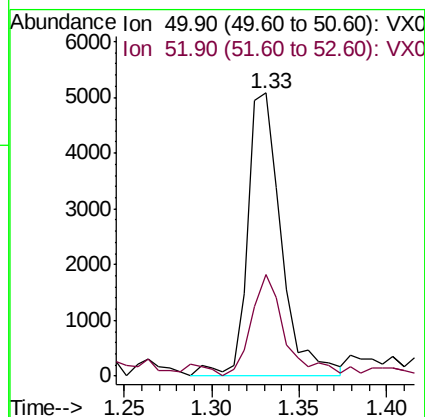
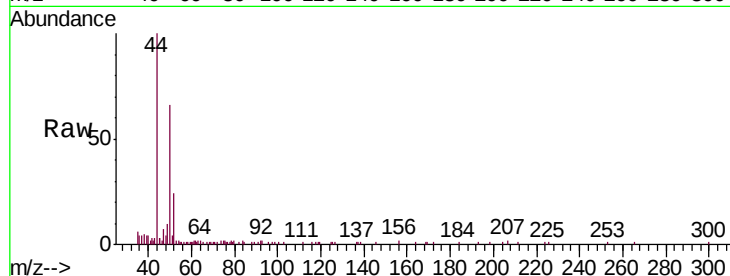
VSTDIC001

Tgt Ion: 50 Resp: 6792

Ion Ratio Lower Upper

50 100

52 34.8 26.1 39.1



#4

Vinyl Chloride

Concen: 1.020 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007332.D

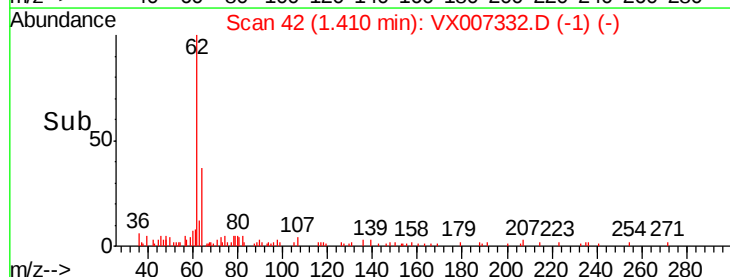
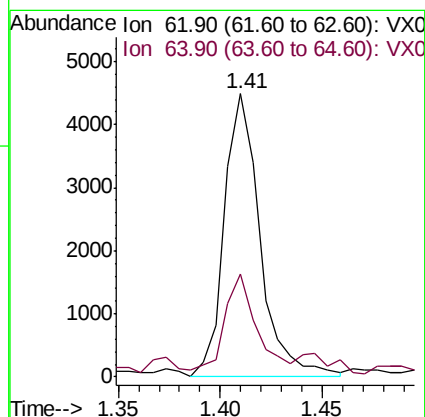
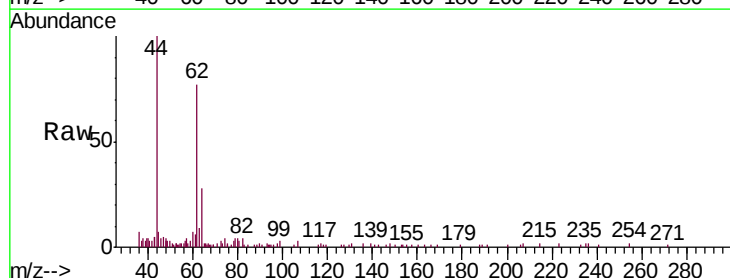
Acq: 01 Feb 2019 12:41

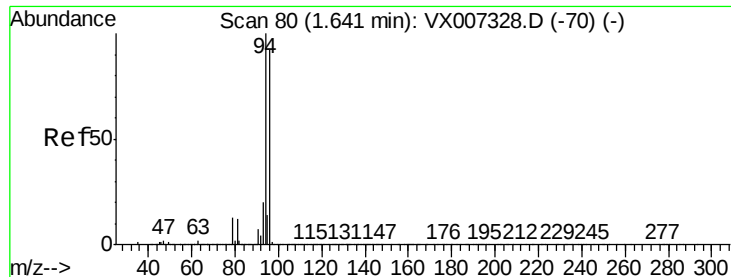
Tgt Ion: 62 Resp: 5458

Ion Ratio Lower Upper

62 100

64 34.0 25.4 38.0





#5

Bromomethane

Concen: 1.617 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

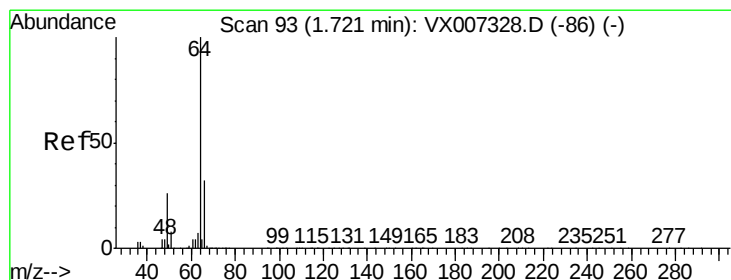
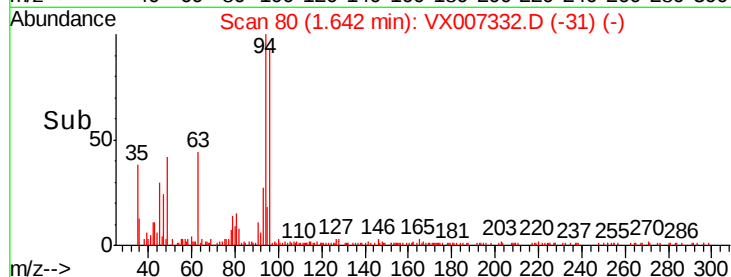
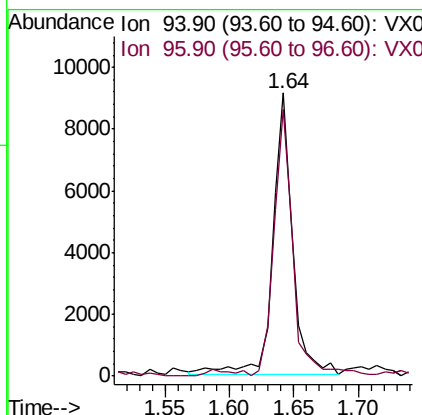
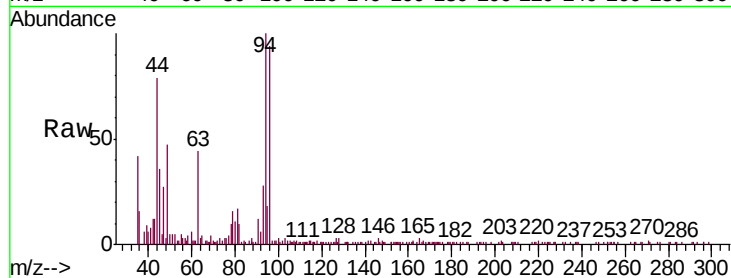
VSTDIC001

Tgt Ion: 94 Resp: 9845

Ion Ratio Lower Upper

94 100

96 95.0 73.9 110.9



#6

Chloroethane

Concen: 0.948 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007332.D

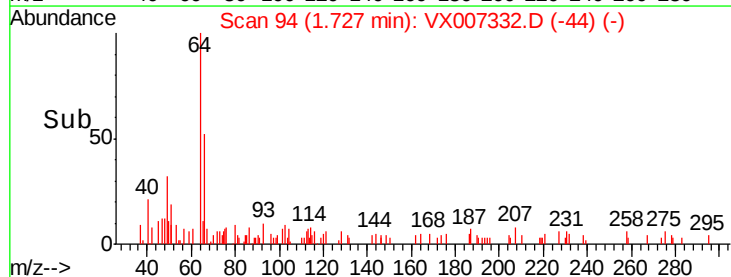
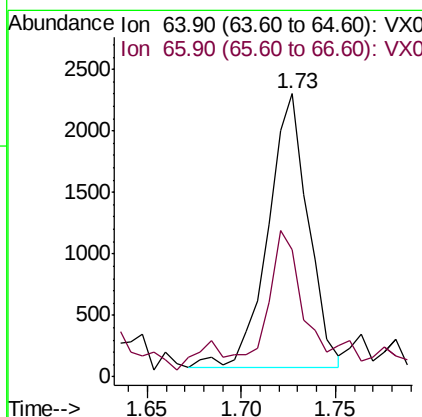
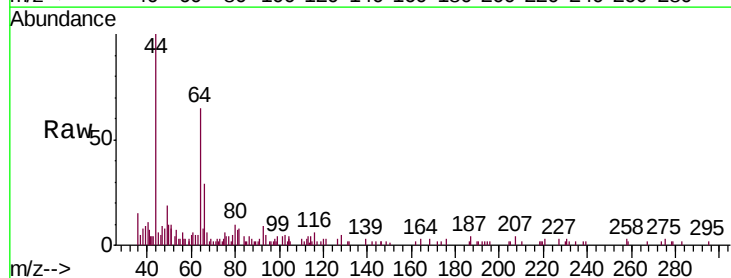
Acq: 01 Feb 2019 12:41

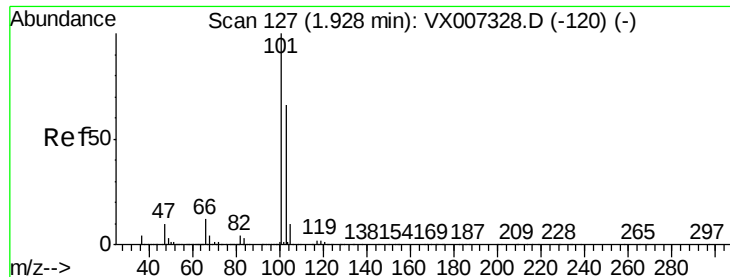
Tgt Ion: 64 Resp: 3282

Ion Ratio Lower Upper

64 100

66 41.0 25.5 38.3#



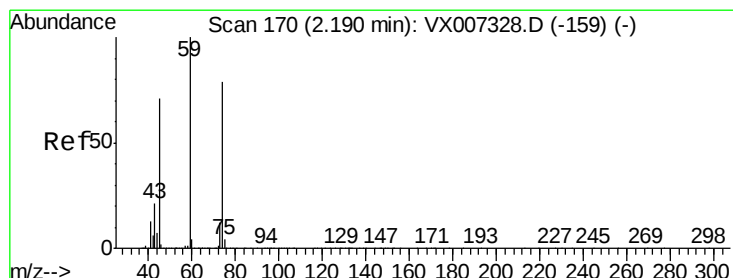
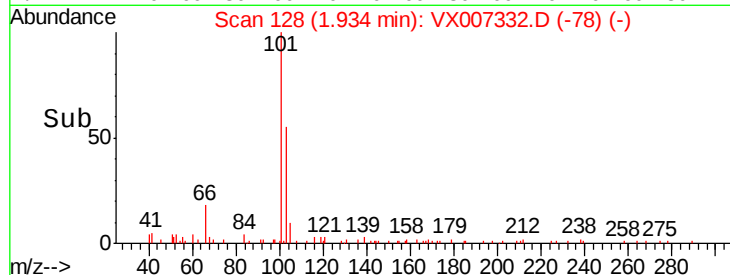
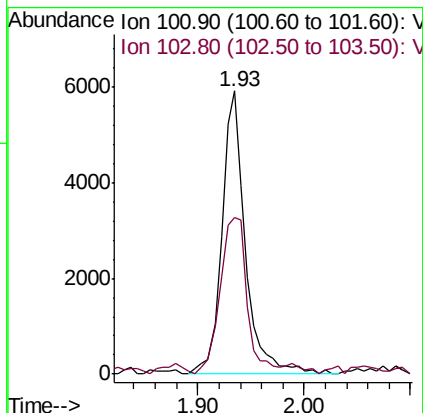
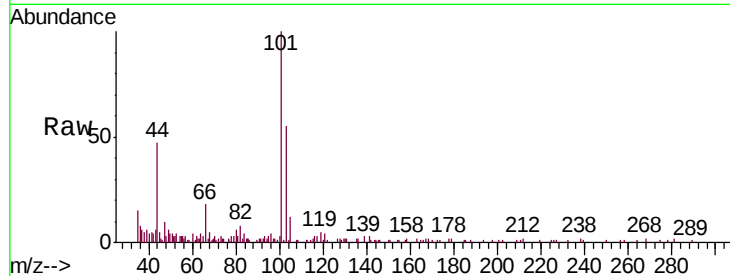


#7

Trichlorofluoromethane
Concen: 1.087 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Instrument :
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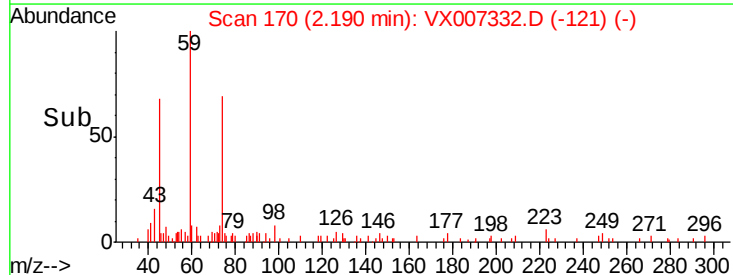
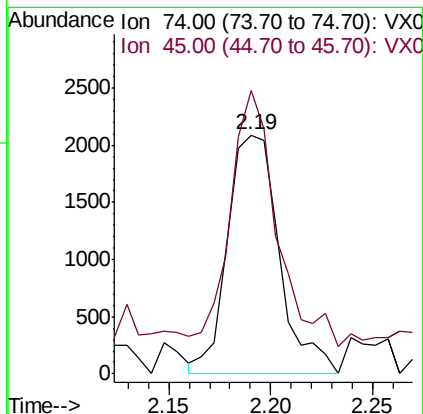
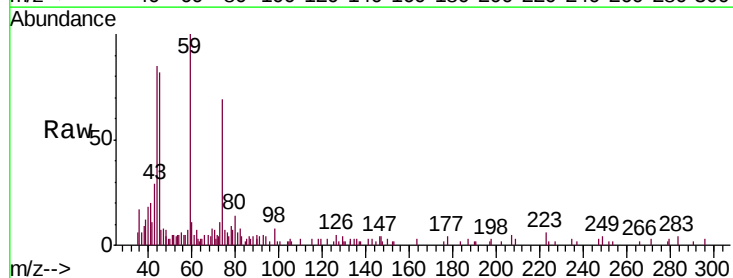
Tgt Ion: 101 Resp: 9096
Ion Ratio Lower Upper
101 100
103 54.3 52.6 79.0

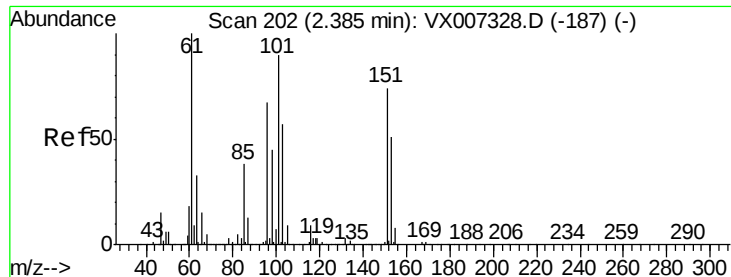


#8

Diethyl Ether
Concen: 1.167 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 74 Resp: 3676
Ion Ratio Lower Upper
74 100
45 96.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.230 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

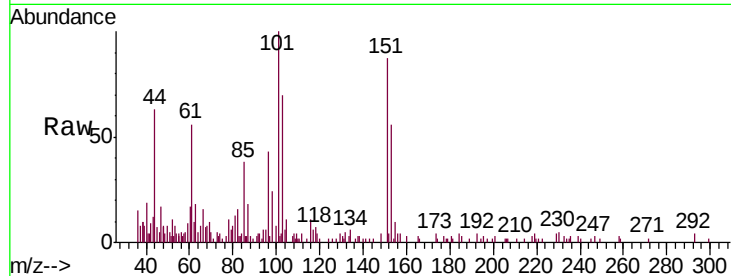
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

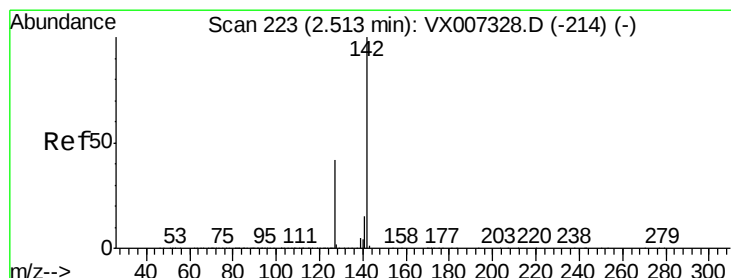
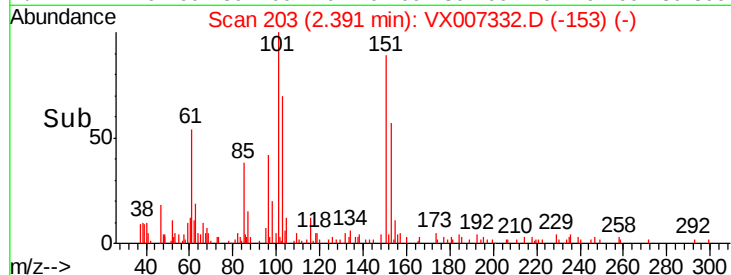
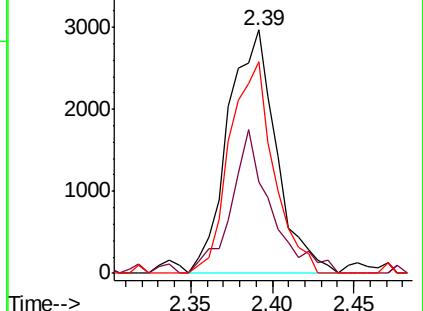
Tgt Ion:	101	Resp:	6122
Ion	Ratio	Lower	Upper
101	100		
85	48.3	34.1	51.1
151	79.3	69.9	104.9



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: 0.884 ug/l

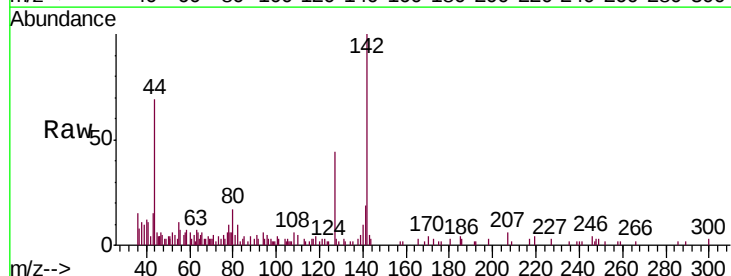
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

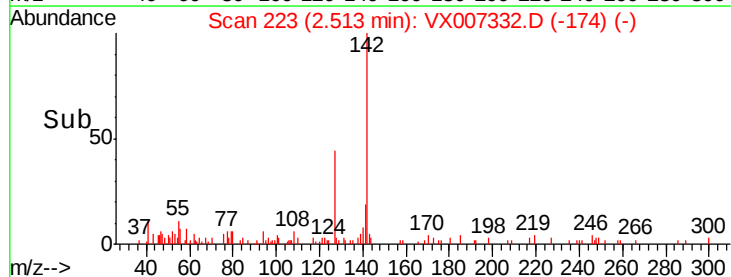
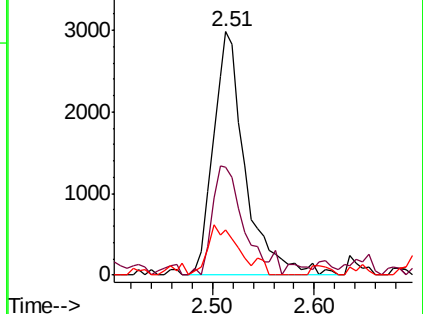
Tgt Ion:	142	Resp:	6475
Ion	Ratio	Lower	Upper
142	100		
127	46.2	33.7	50.5
141	20.4	11.3	16.9#

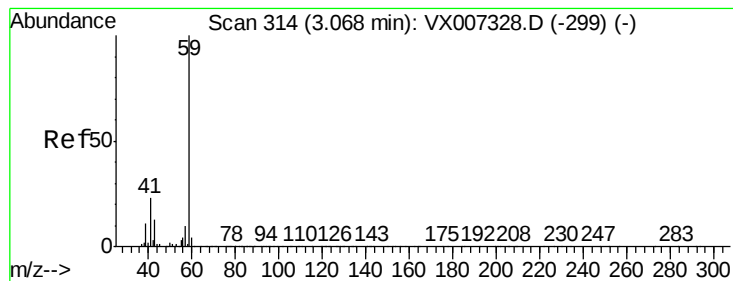


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



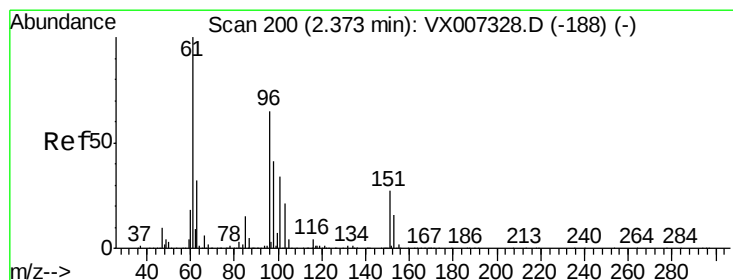
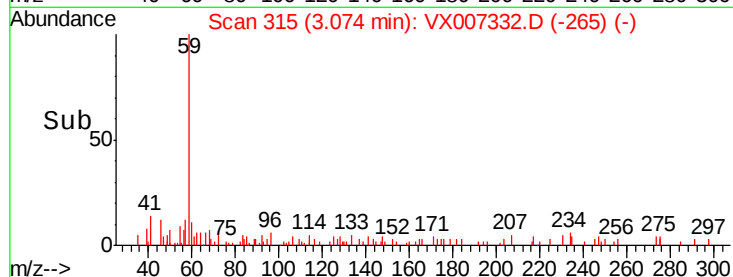
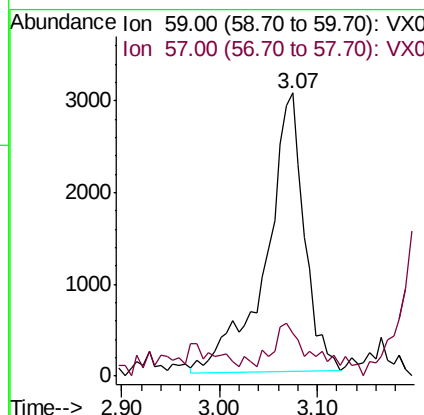
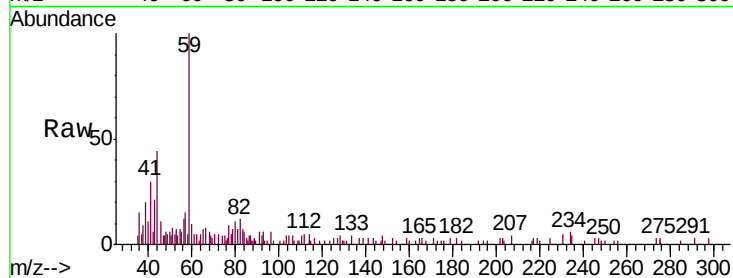


#11

Tert butyl alcohol
Concen: 7.812 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

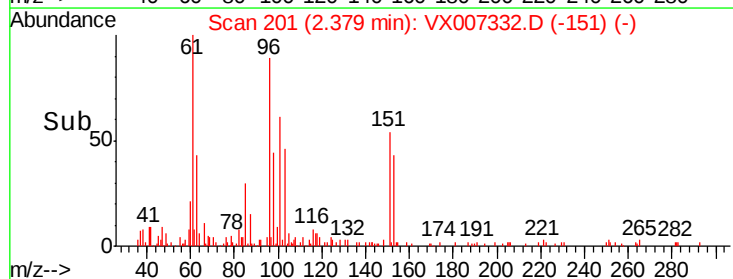
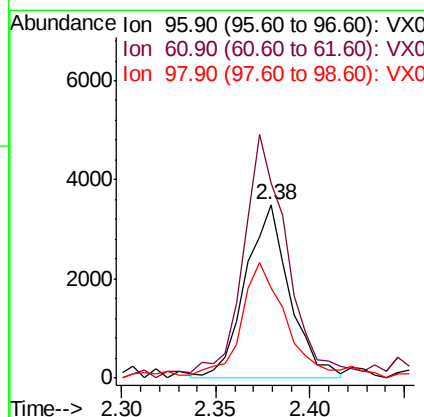
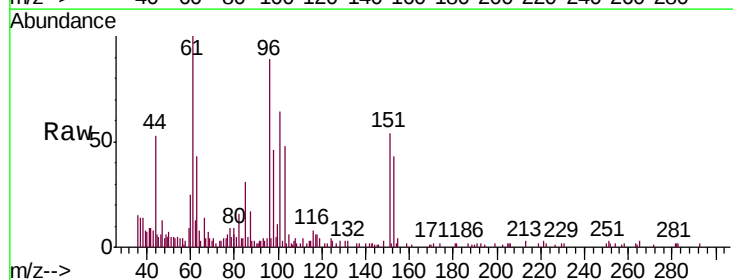
Tgt Ion: 59 Resp: 8308
Ion Ratio Lower Upper
59 100
57 20.7 8.1 12.1#

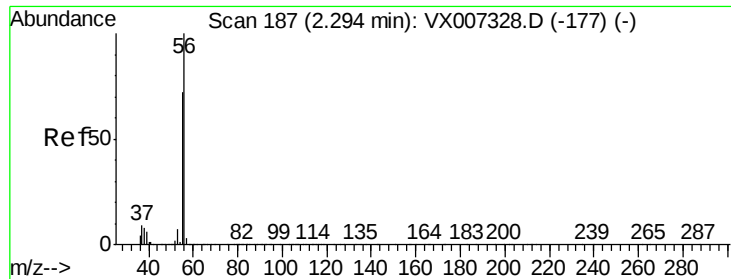


#12

1,1-Dichloroethene
Concen: 1.238 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 96 Resp: 5724
Ion Ratio Lower Upper
96 100
61 111.1 123.0 184.4#
98 48.5 50.9 76.3#





#13

Acrolein

Concen: 6.202 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

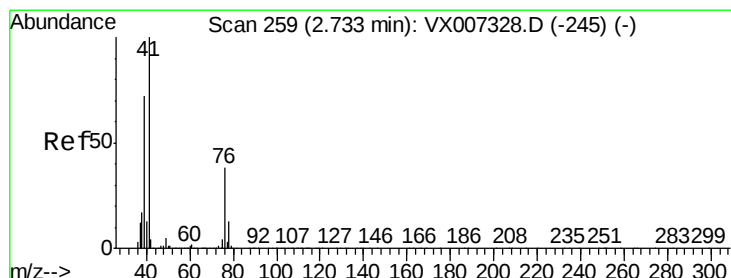
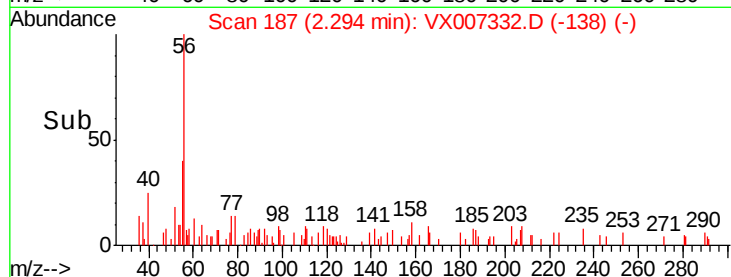
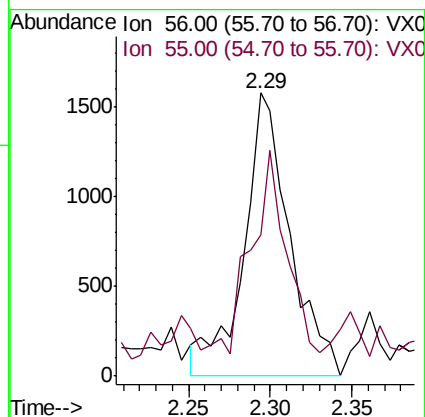
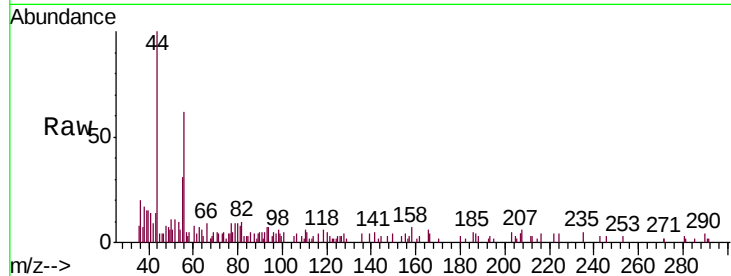
VSTDIC001

Tgt Ion: 56 Resp: 3093

Ion Ratio Lower Upper

56 100

55 53.2 56.9 85.3#



#14

Allyl chloride

Concen: 1.048 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

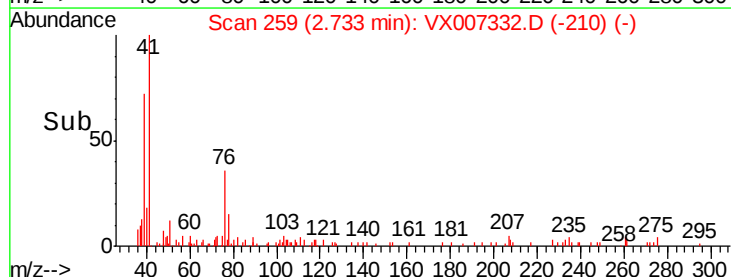
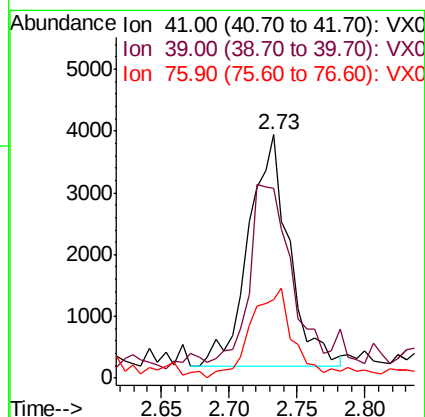
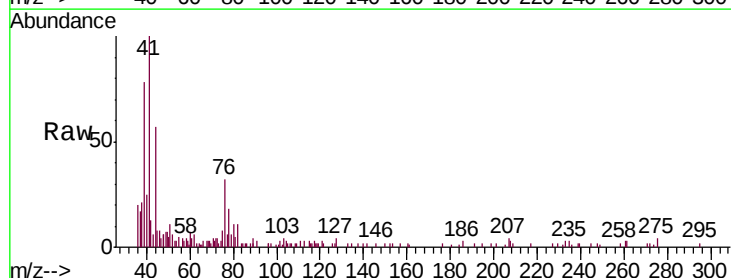
Tgt Ion: 41 Resp: 7896

Ion Ratio Lower Upper

41 100

39 77.0 54.1 81.1

76 40.5 27.8 41.8





#15

Acrylonitrile

Concen: 6.007 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

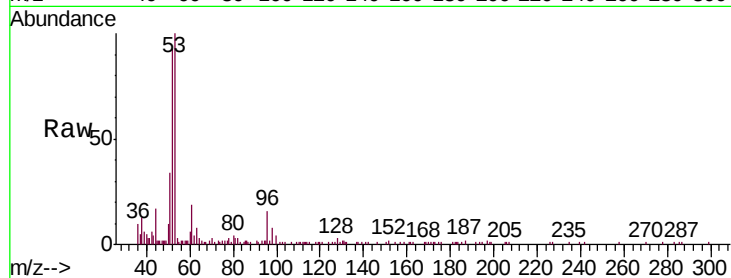
Tgt Ion: 53 Resp: 15803

Ion Ratio Lower Upper

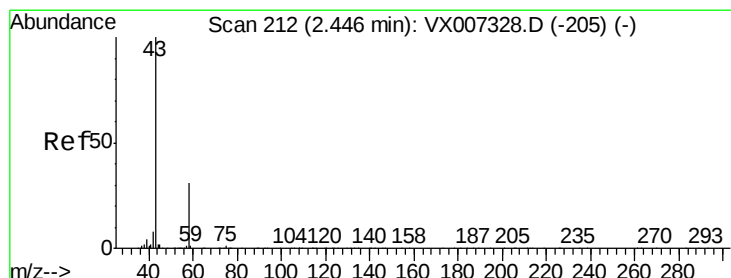
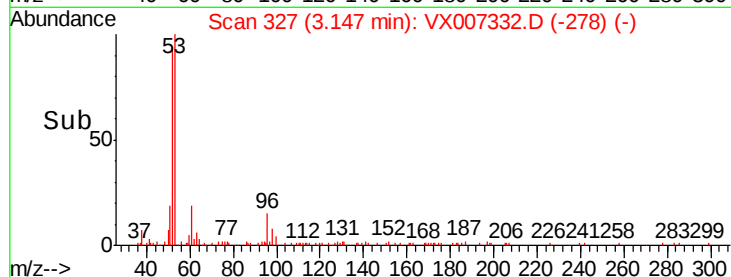
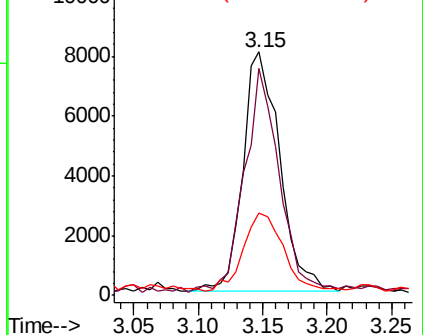
53 100

52 89.8 66.4 99.6

51 36.6 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: 6.170 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007332.D

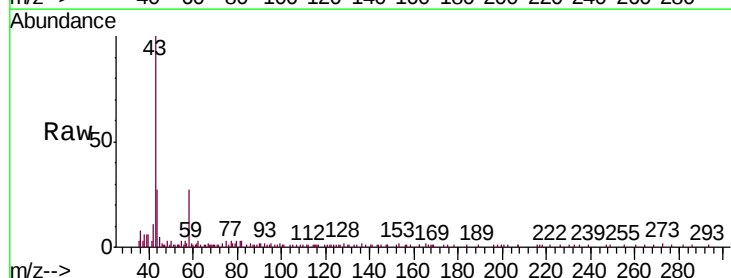
Acq: 01 Feb 2019 12:41

Tgt Ion: 43 Resp: 14524

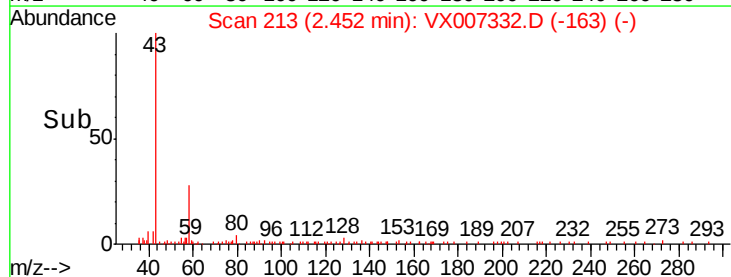
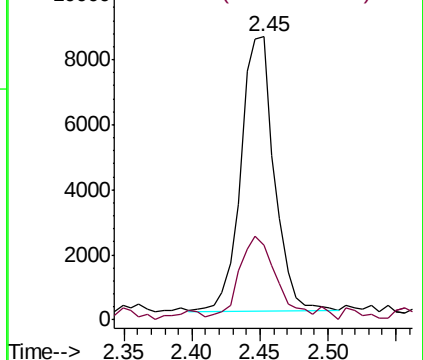
Ion Ratio Lower Upper

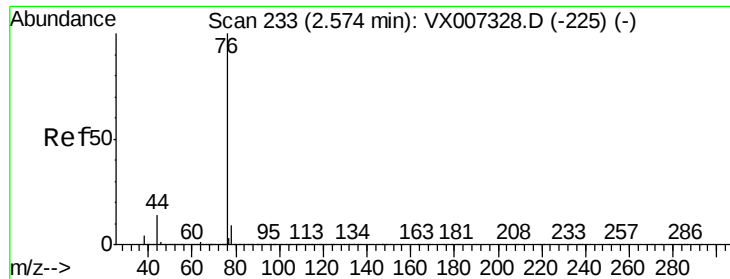
43 100

58 25.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

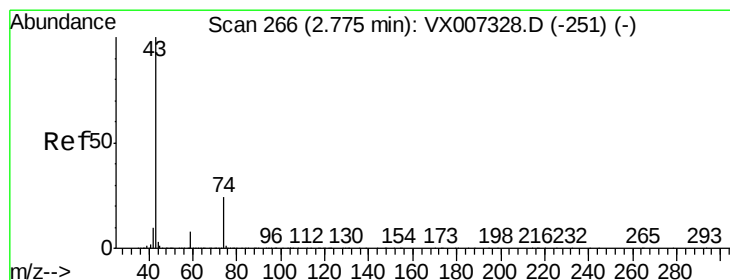
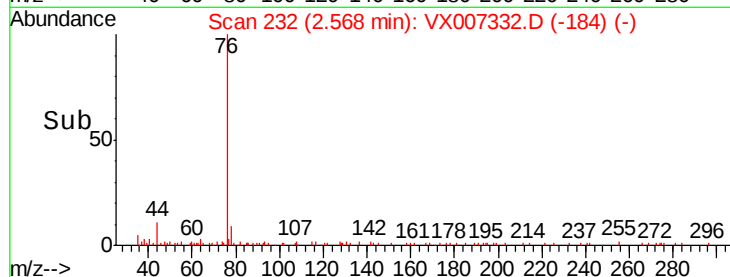
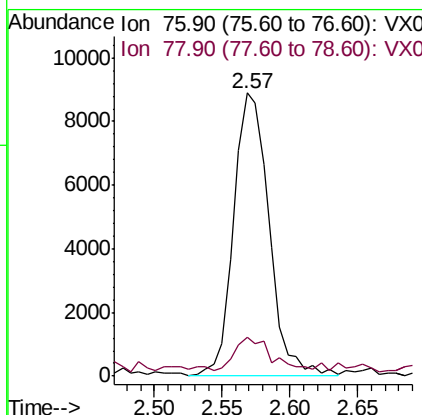
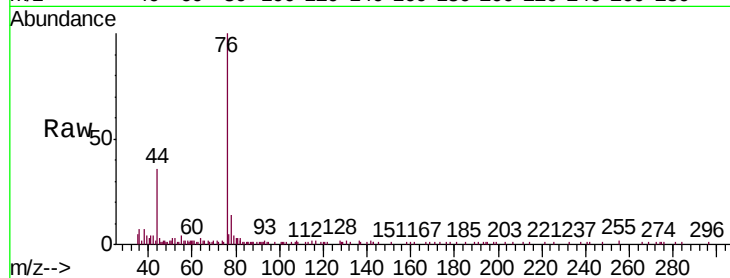




#17
Carbon Disulfide
Concen: 1.332 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

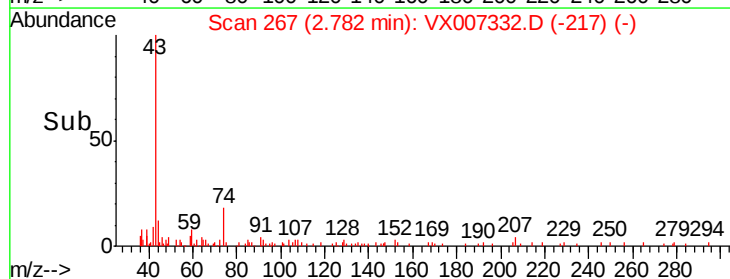
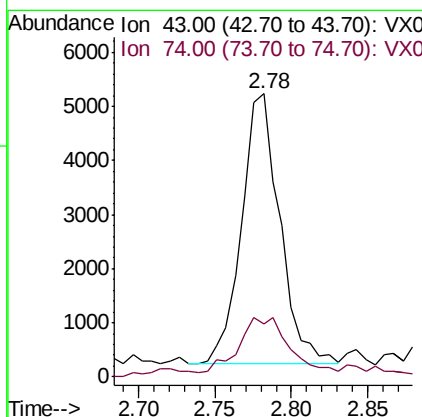
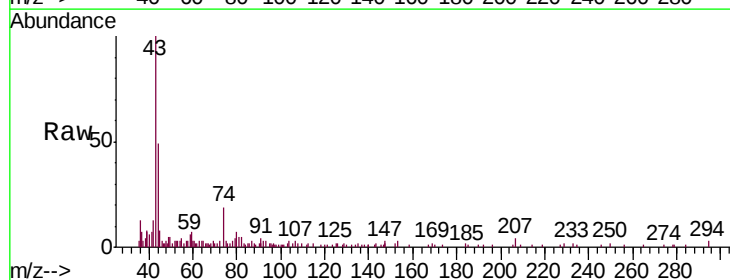
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

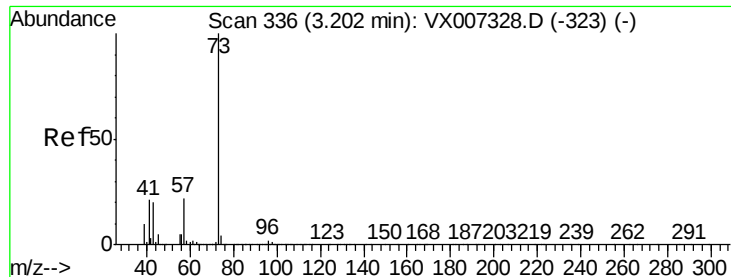
Tgt Ion: 76 Resp: 16248
Ion Ratio Lower Upper
76 100
78 11.5 7.1 10.7#



#18
Methyl Acetate
Concen: 1.305 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 43 Resp: 8689
Ion Ratio Lower Upper
43 100
74 30.9 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 1.127 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

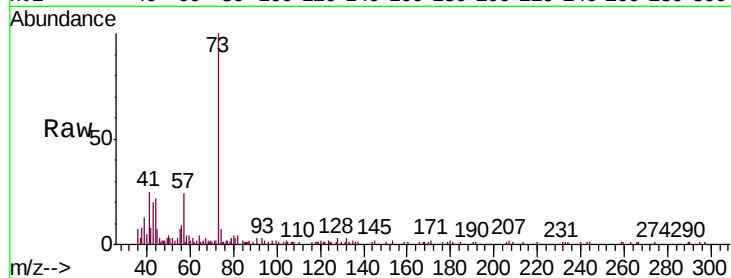
VSTDIC001

Tgt Ion: 73 Resp: 16880

Ion Ratio Lower Upper

73 100

57 22.7 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

6000

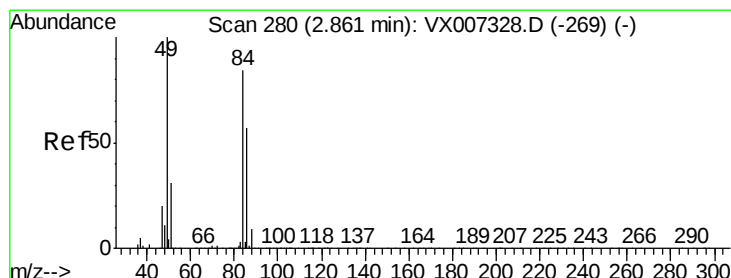
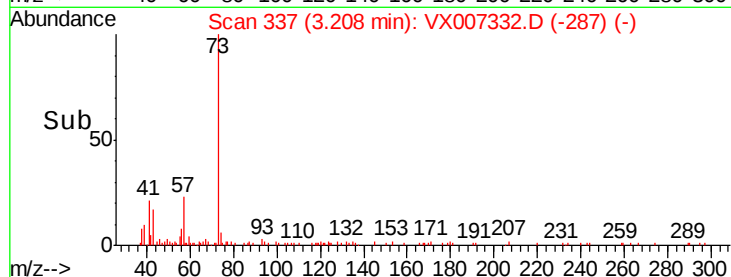
4000

2000

0

3.10 3.15 3.20 3.25 3.30

Time-->



#20

Methylene Chloride

Concen: 1.347 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Tgt Ion: 84 Resp: 7167

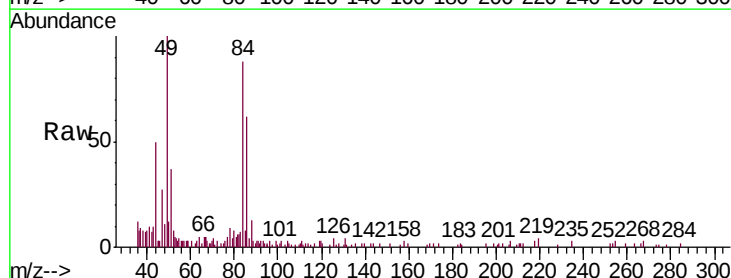
Ion Ratio Lower Upper

84 100

49 109.6 94.8 142.2

51 33.5 29.8 44.8

86 70.2 54.1 81.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

6000

5000

4000

3000

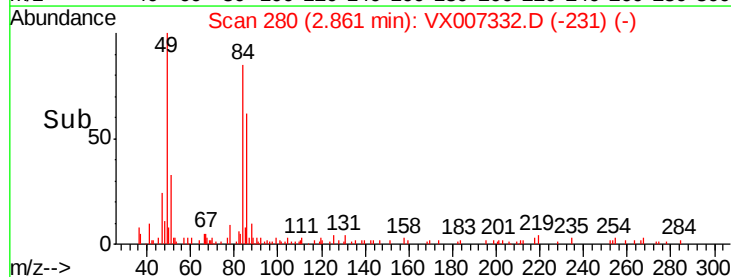
2000

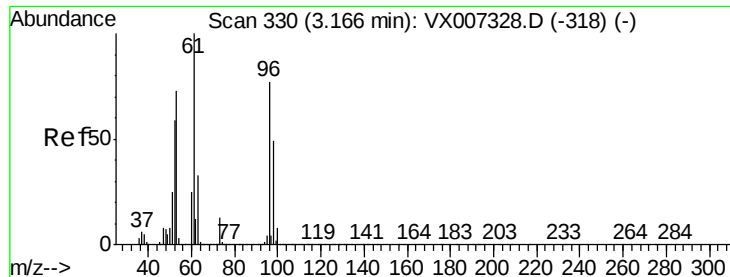
1000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.228 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

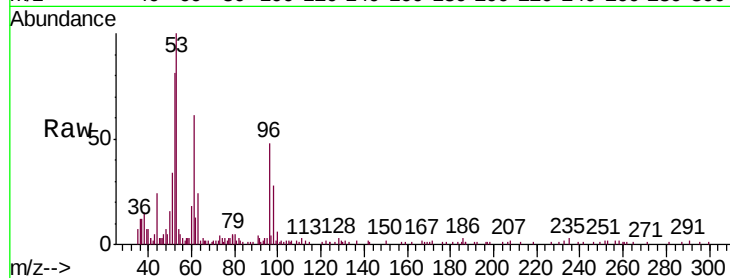
Tgt Ion: 96 Resp: 6049

Ion Ratio Lower Upper

96 100

61 122.1 104.6 156.8

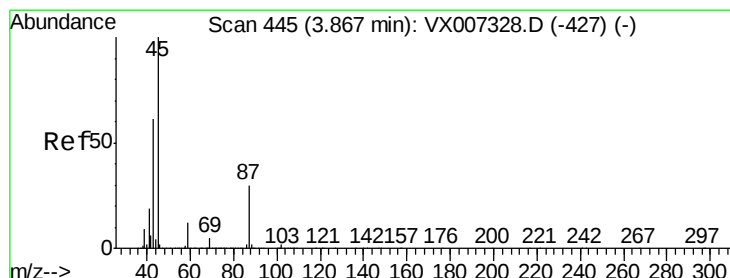
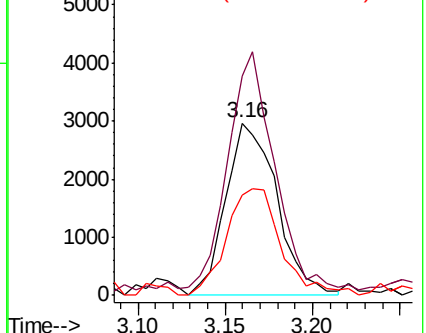
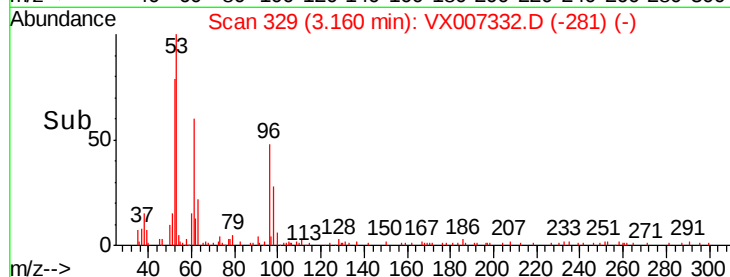
98 58.2 51.0 76.4



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



#22

Diisopropyl ether

Concen: 1.061 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Tgt Ion: 45 Resp: 14696

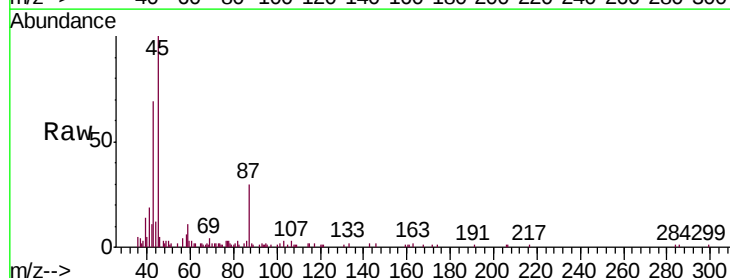
Ion Ratio Lower Upper

45 100

43 63.5 48.9 73.3

87 30.9 23.9 35.9

59 13.9 9.6 14.4

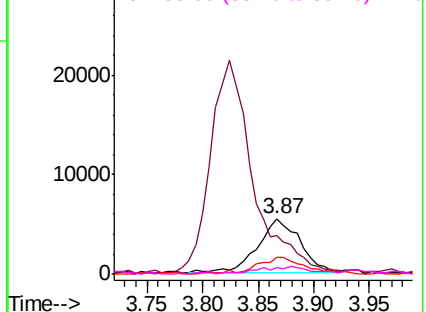
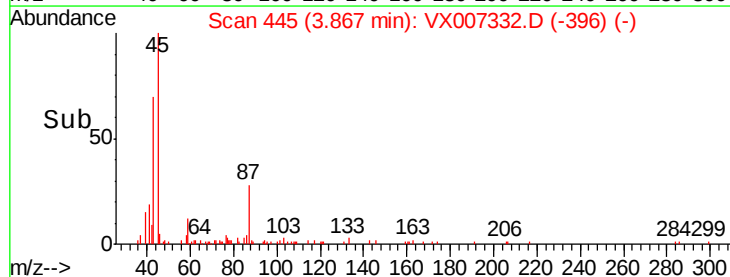


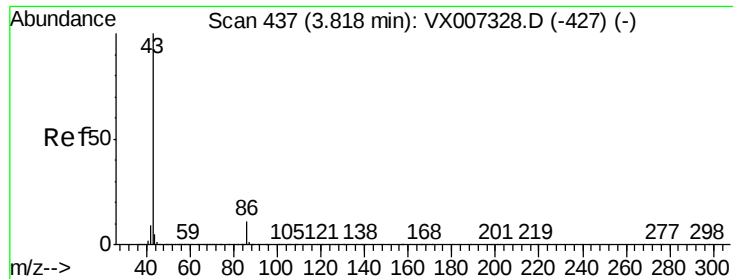
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.983 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

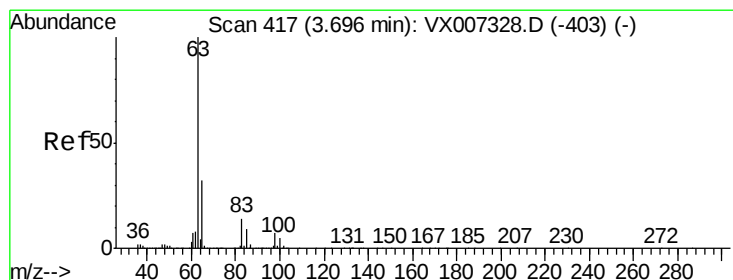
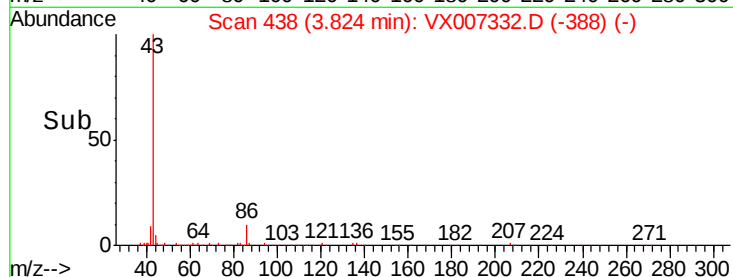
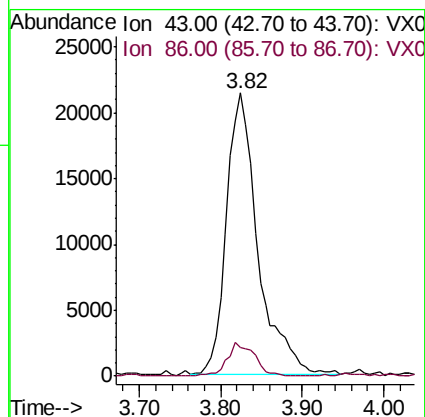
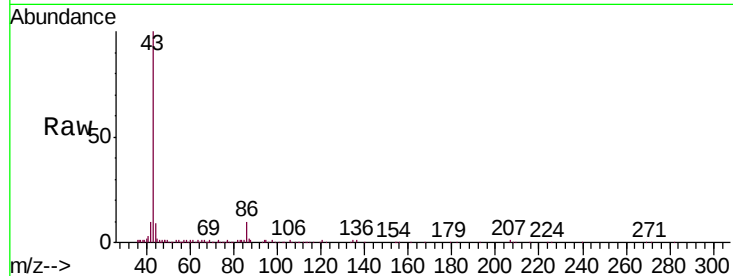
VSTDIC001

Tgt Ion: 43 Resp: 57283

Ion Ratio Lower Upper

43 100

86 10.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 1.150 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

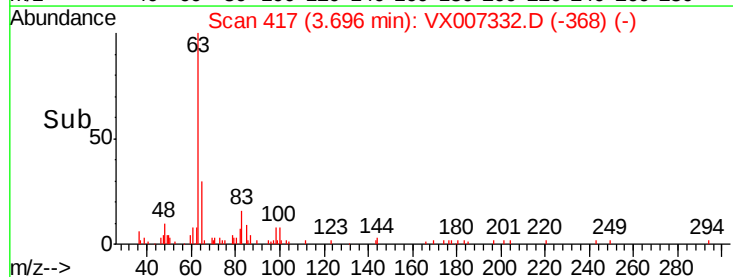
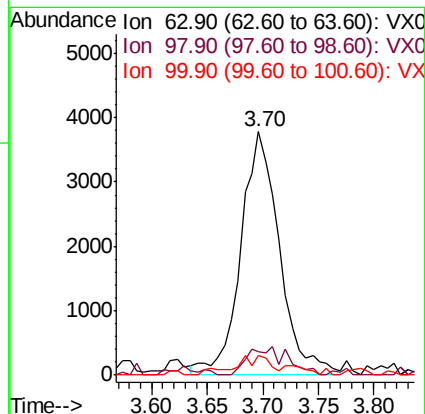
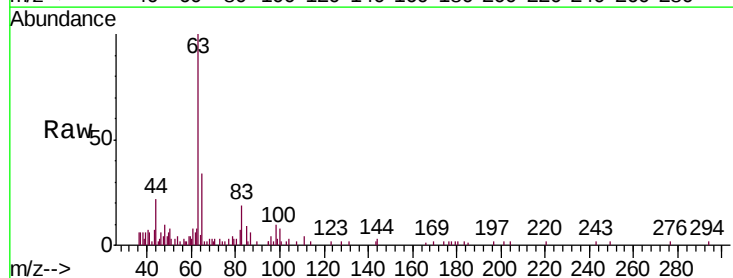
Tgt Ion: 63 Resp: 9146

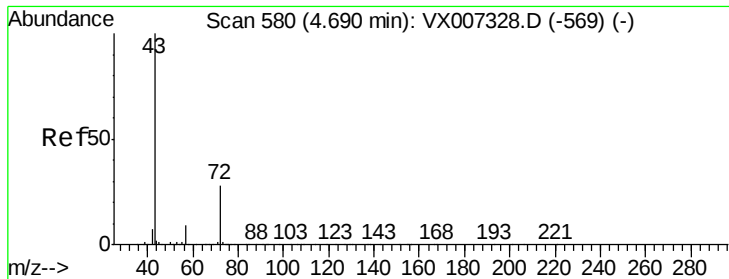
Ion Ratio Lower Upper

63 100

98 8.5 3.6 10.8

100 8.2 2.5 7.4#





#25

2-Butanone

Concen: 6.117 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

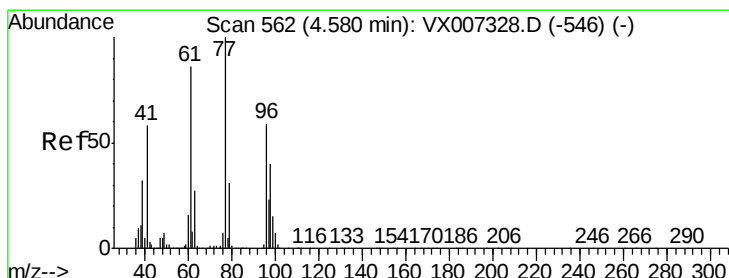
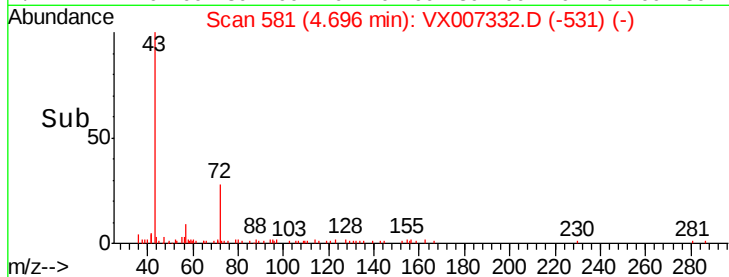
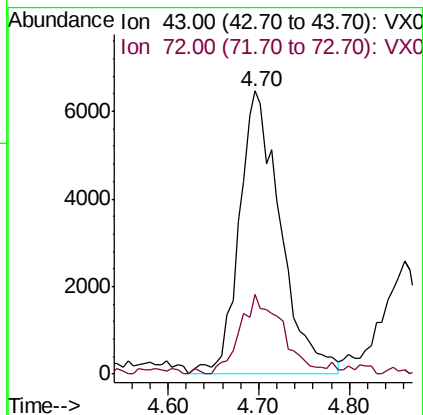
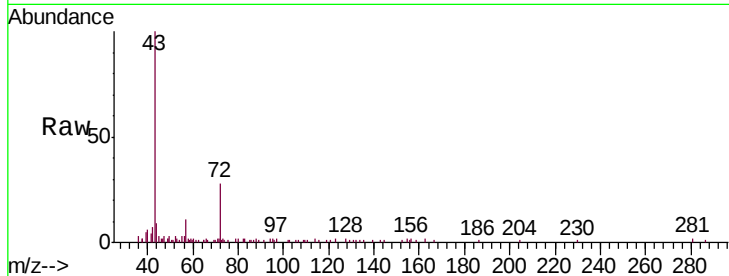
VSTDIC001

Tgt Ion: 43 Resp: 20491

Ion Ratio Lower Upper

43 100

72 29.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 1.031 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007332.D

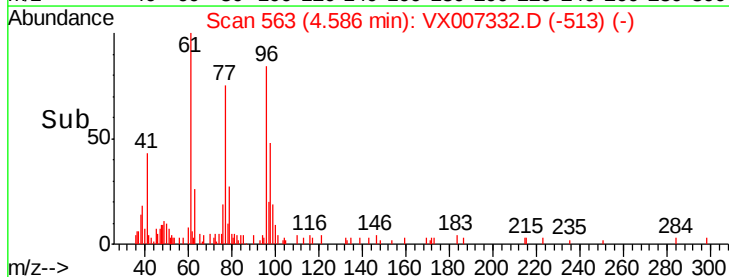
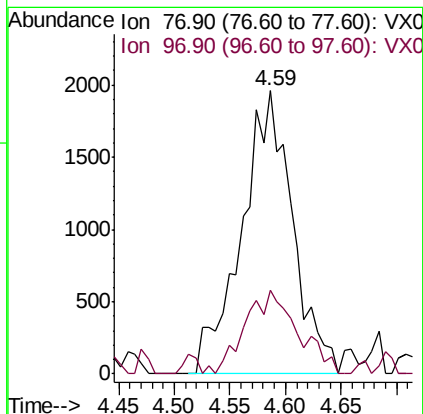
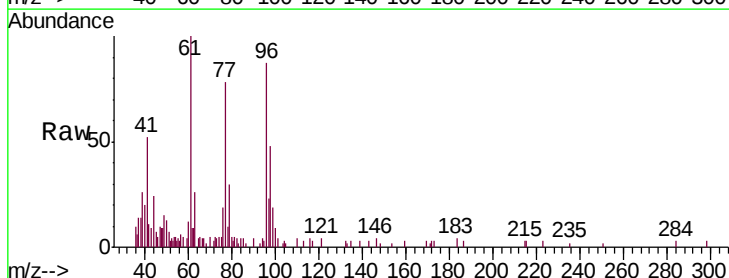
Acq: 01 Feb 2019 12:41

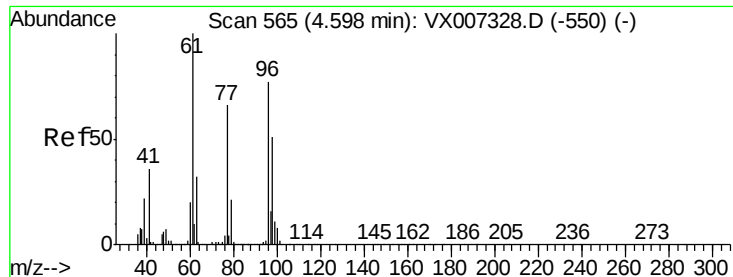
Tgt Ion: 77 Resp: 6244

Ion Ratio Lower Upper

77 100

97 30.4 12.1 36.3



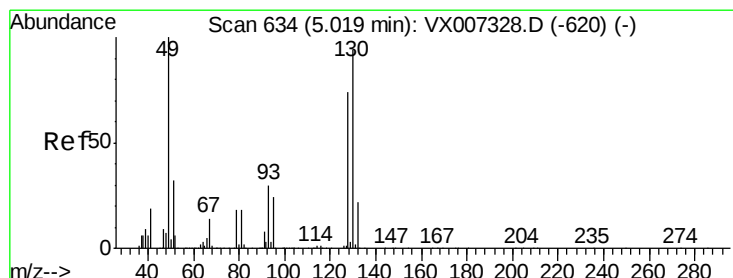
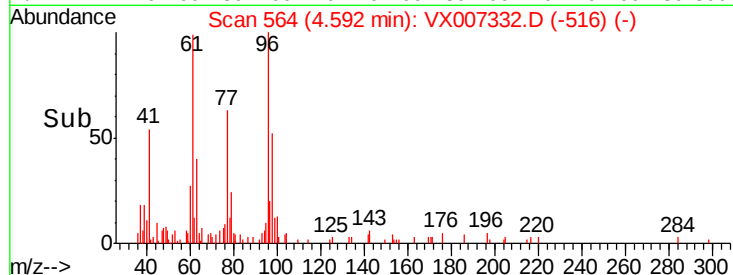
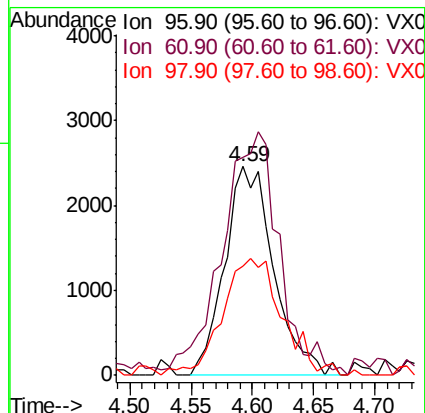
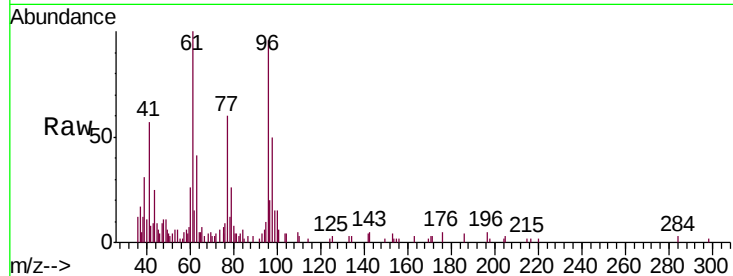


#27

cis-1,2-Dichloroethene
Concen: 1.277 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

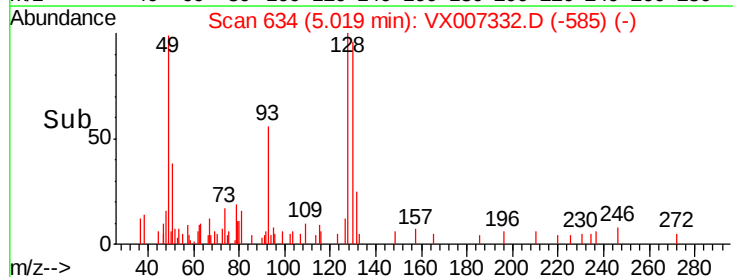
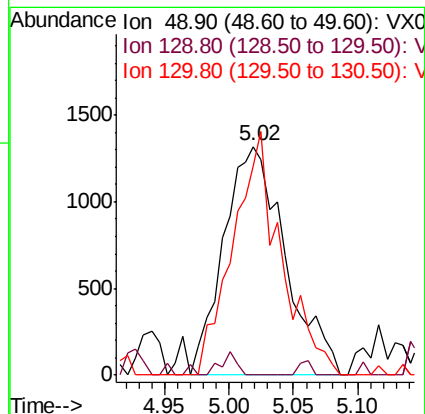
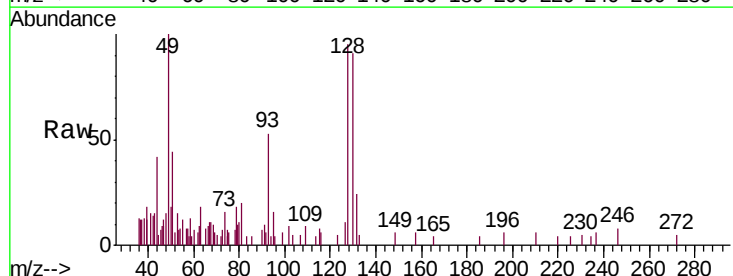
Tgt Ion: 96 Resp: 6866
Ion Ratio Lower Upper
96 100
61 134.9 0.0 265.6
98 68.3 0.0 131.6



#28

Bromochloromethane
Concen: 1.202 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 49 Resp: 4397
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.6
130 82.8 75.6 113.4

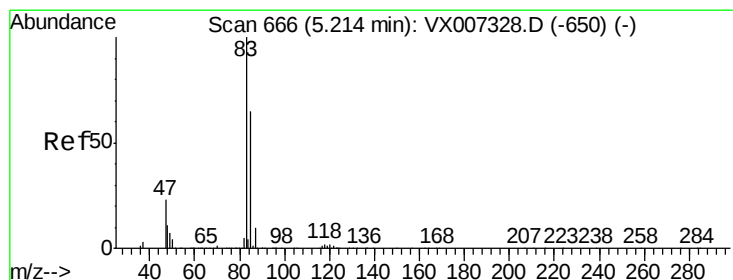
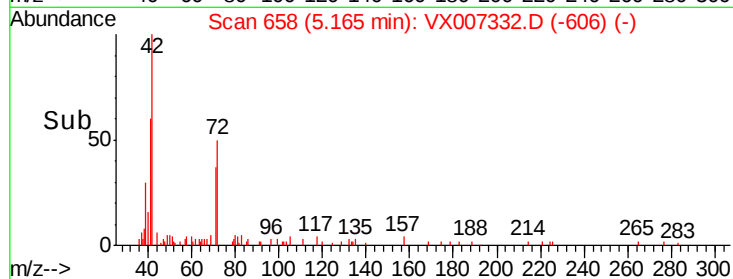
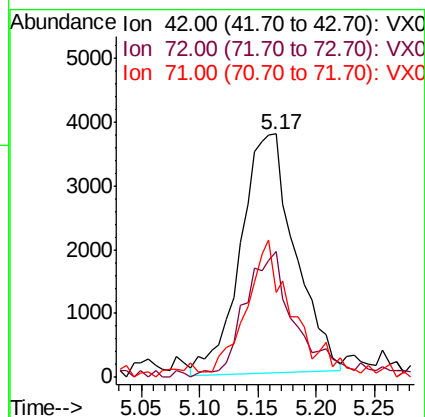
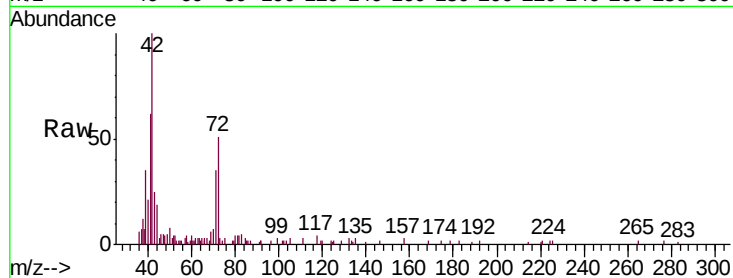




#29
Tetrahydrofuran
Concen: 5.770 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

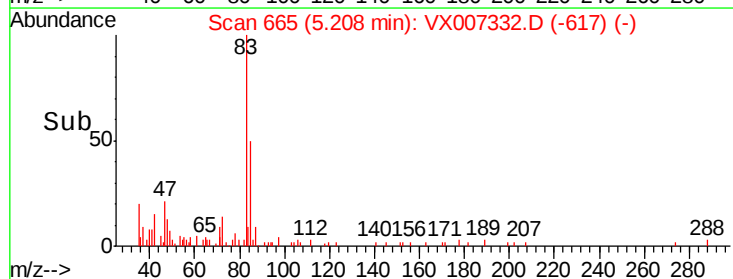
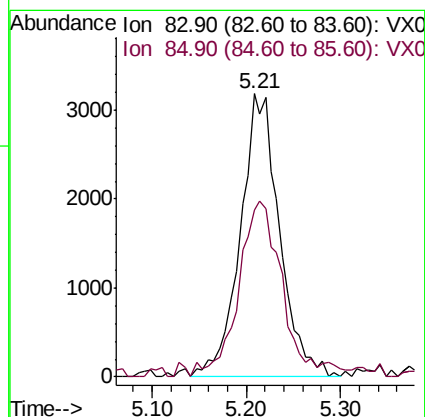
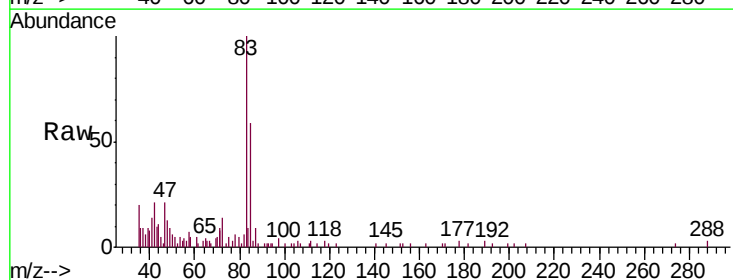
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

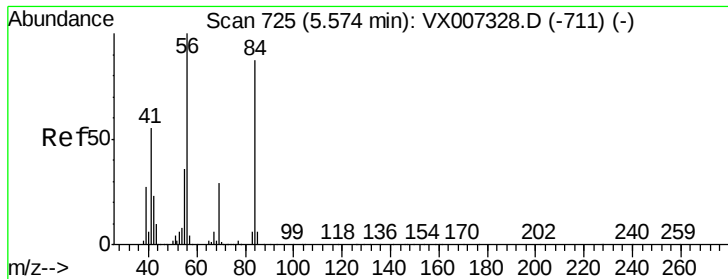
Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.6	56.4
71	45.5	34.6	51.8



#30
Chloroform
Concen: 1.114 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.6	77.4

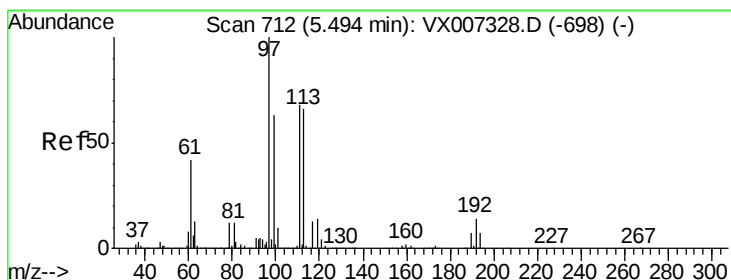
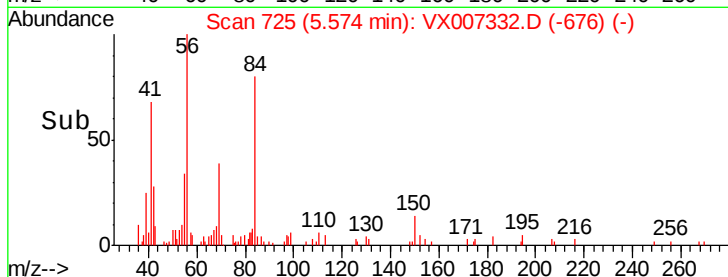
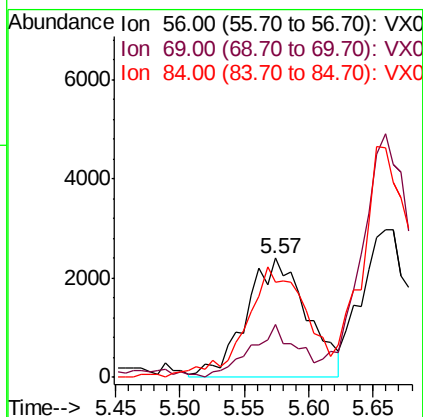
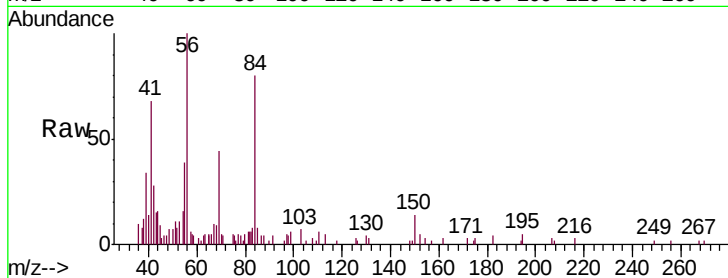




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

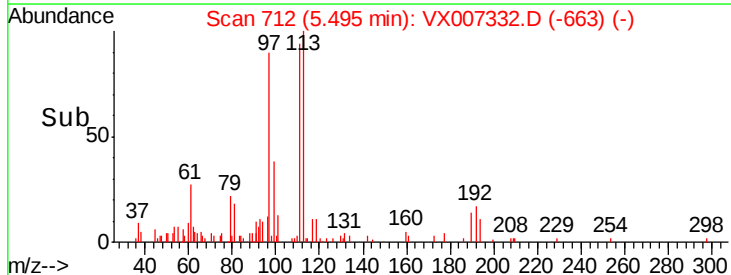
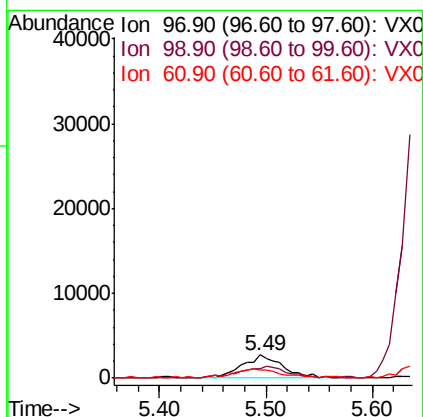
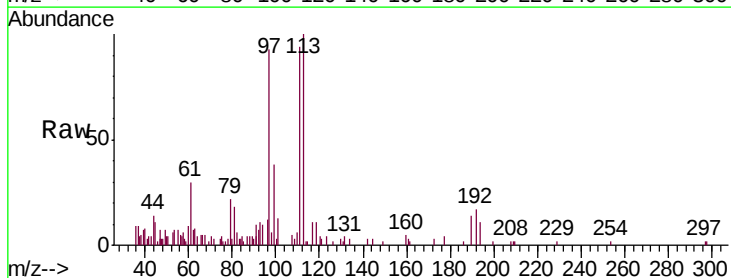
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

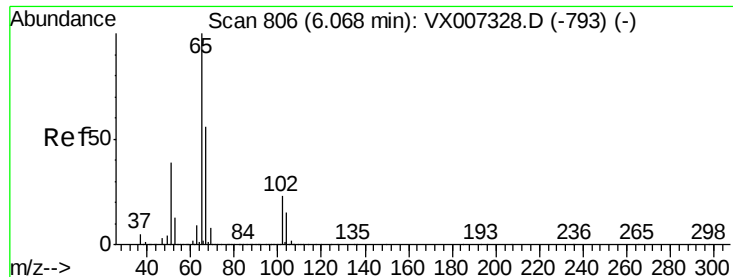
Tgt Ion: 56 Resp: 7864
Ion Ratio Lower Upper
56 100
69 42.9 23.0 34.6#
84 76.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 1.039 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 97 Resp: 7283
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 46.9 32.7 49.1

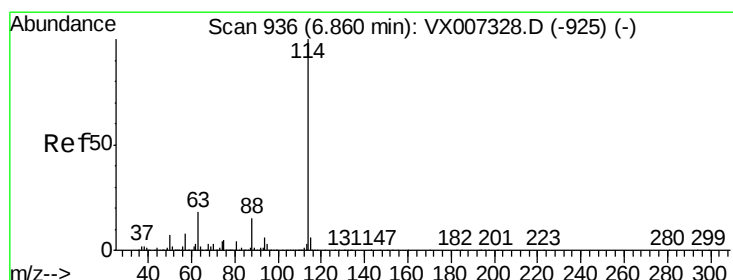
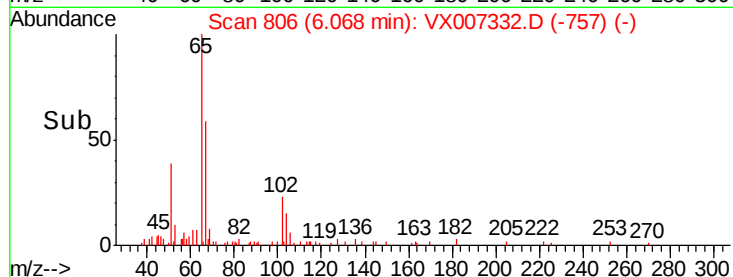
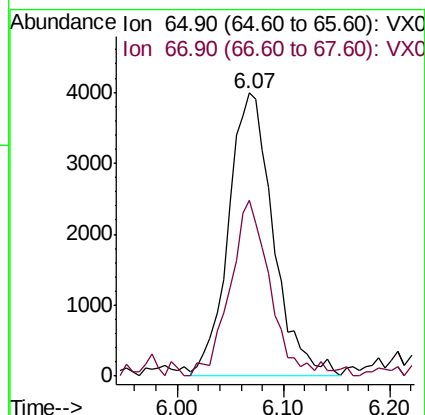
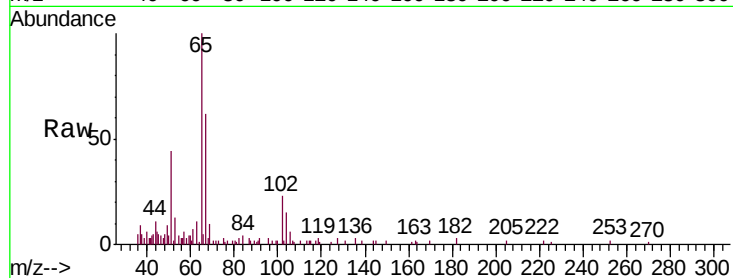




#33
 1,2-Dichloroethane-d4
 Concen: 2.285 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

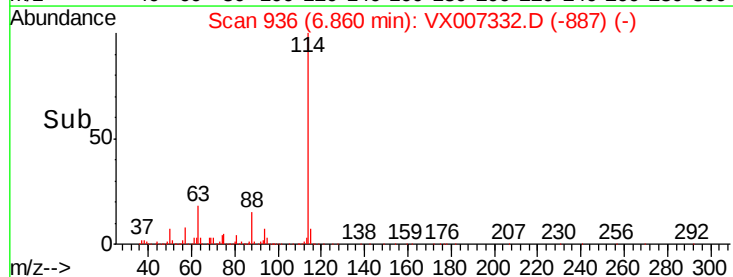
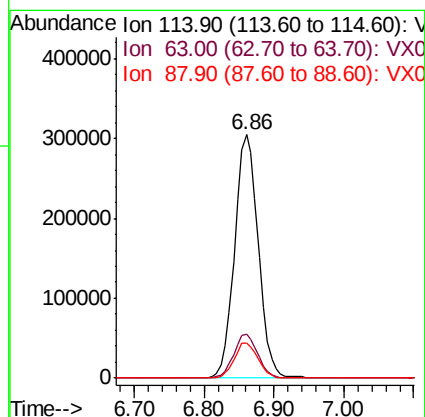
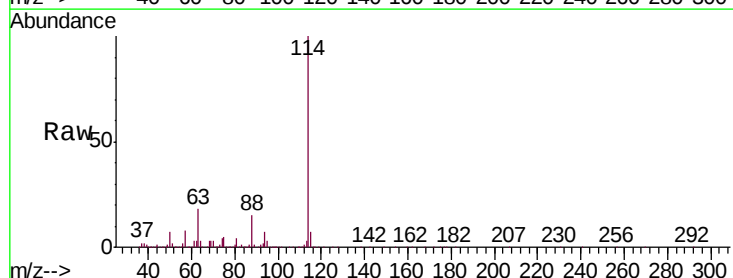
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

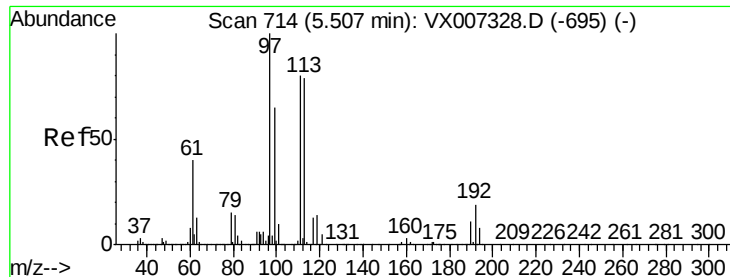
Tgt Ion: 65 Resp: 11742
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion: 114 Resp: 715508
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.6
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 1.995 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

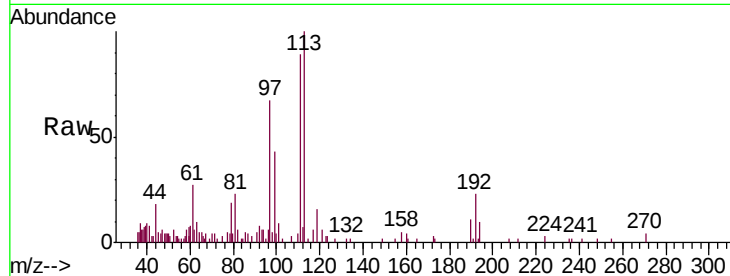
Tgt Ion:113 Resp: 9287

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

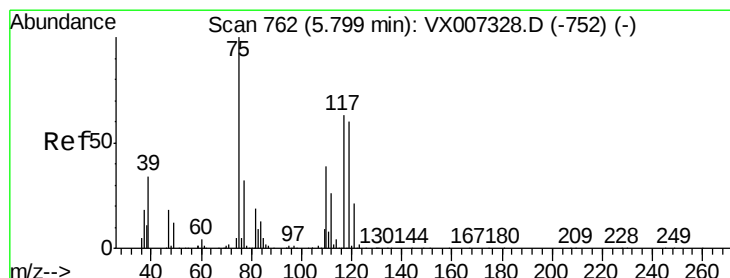
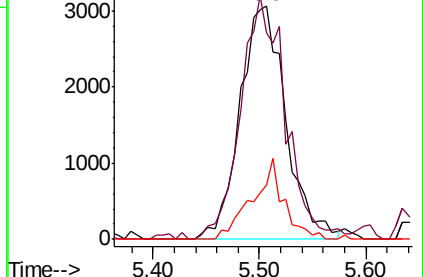
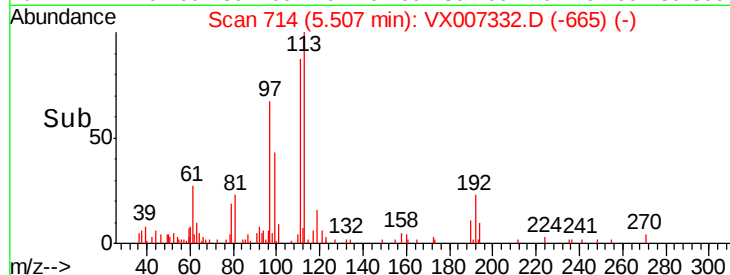
192 23.4 18.5 27.7



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: 1.200 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

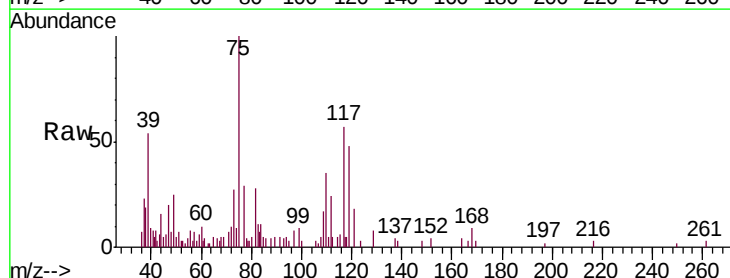
Tgt Ion: 75 Resp: 7701

Ion Ratio Lower Upper

75 100

110 39.0 20.0 59.9

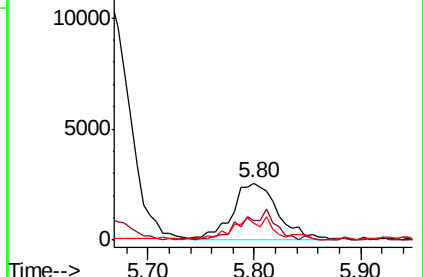
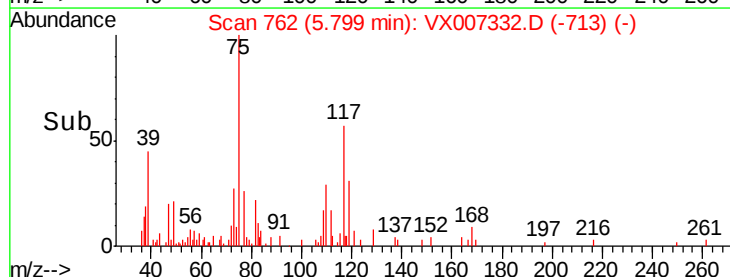
77 32.6 24.7 37.1

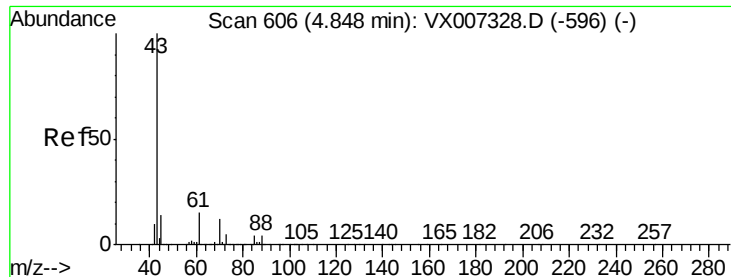


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

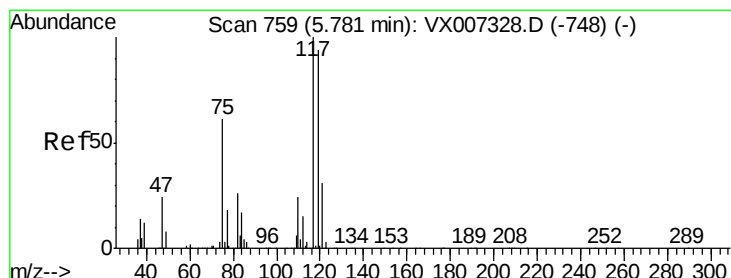
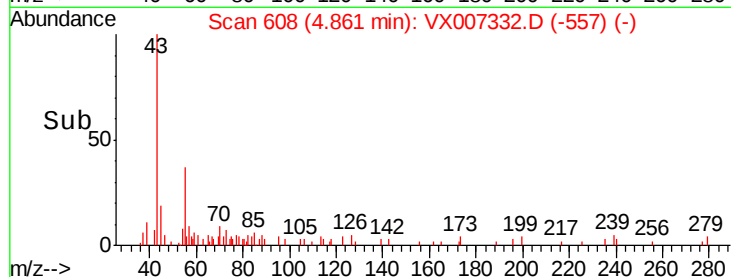
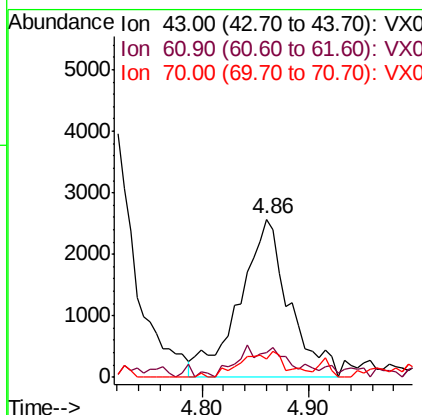
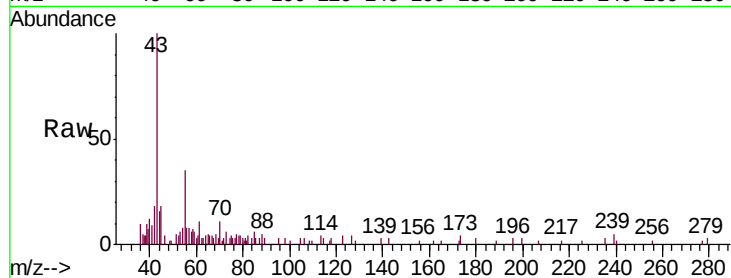




#37
Ethyl Acetate
Concen: 1.282 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

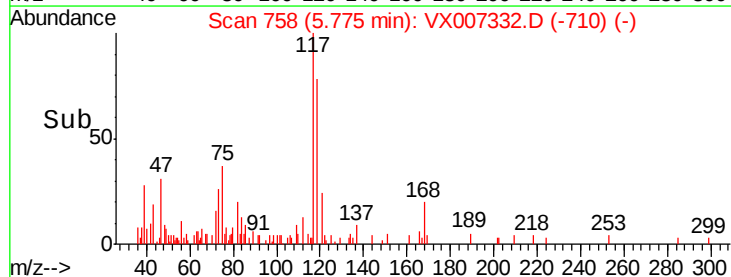
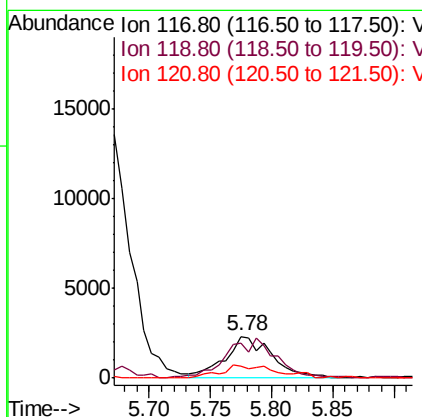
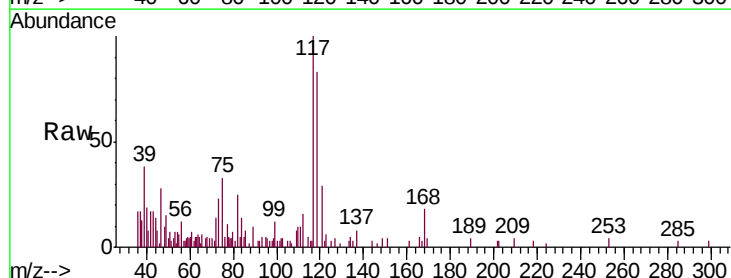
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 8322
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 14.9 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 1.003 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 117 Resp: 6249
Ion Ratio Lower Upper
117 100
119 80.7 75.3 112.9
121 26.5 25.0 37.4

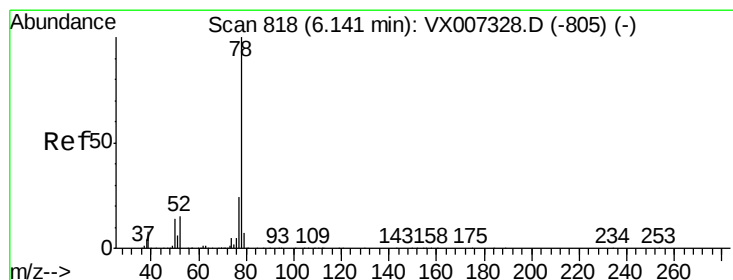
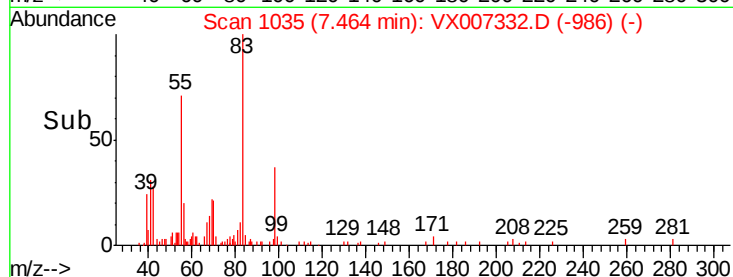
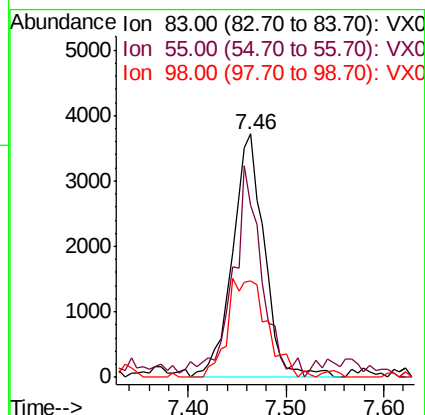
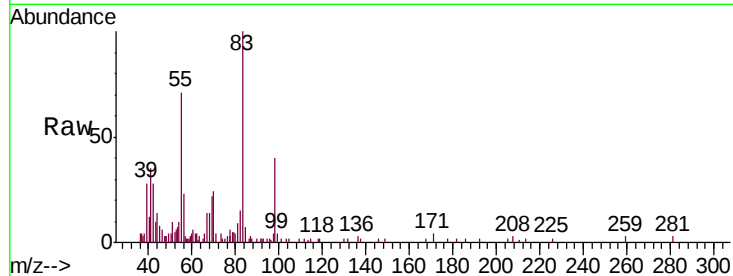




#39
Methylcyclohexane
Concen: 1.079 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

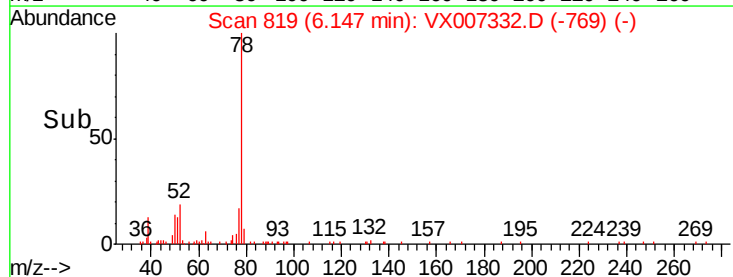
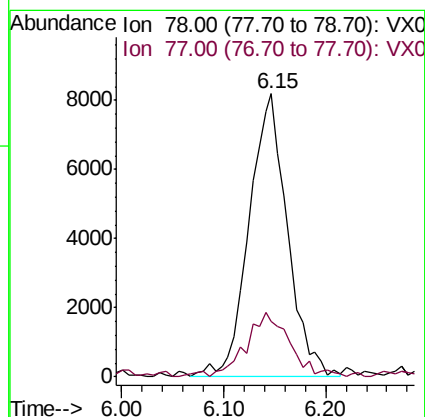
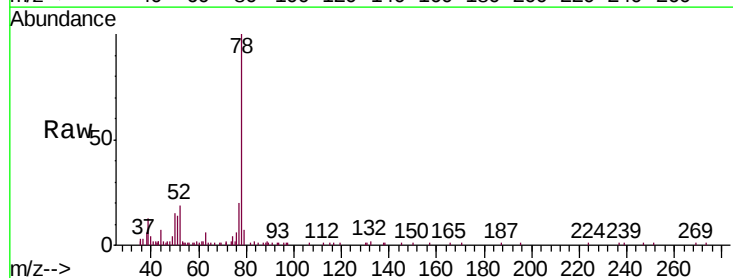
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 8384
Ion Ratio Lower Upper
83 100
55 66.5 56.2 84.2
98 37.8 36.8 55.2



#40
Benzene
Concen: 1.132 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 78 Resp: 21407
Ion Ratio Lower Upper
78 100
77 18.6 19.3 28.9#





#41

Methacrylonitrile

Concen: 0.528 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1873

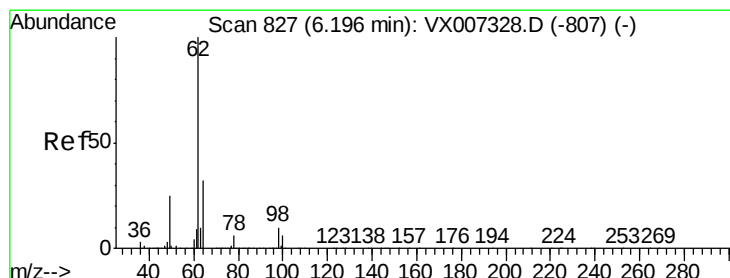
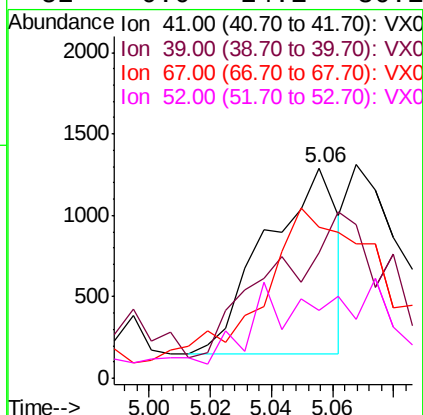
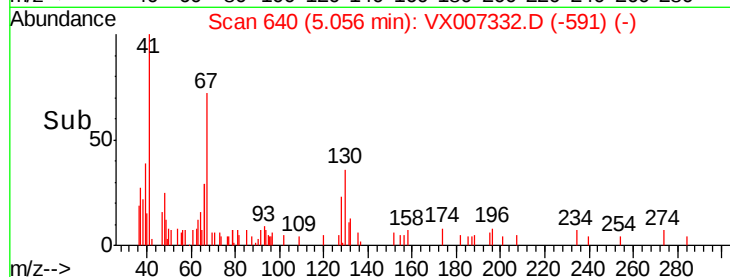
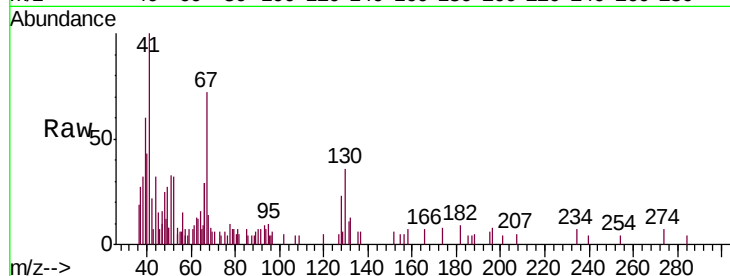
Ion Ratio Lower Upper

41 100

39 128.2 44.5 66.7#

67 175.3 60.4 90.6#

52 0.0 24.1 36.1#



#42

1,2-Dichloroethane

Concen: 1.197 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007332.D

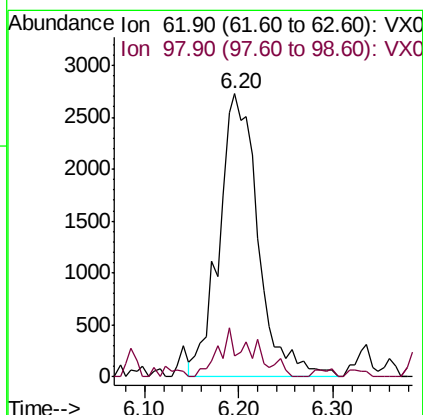
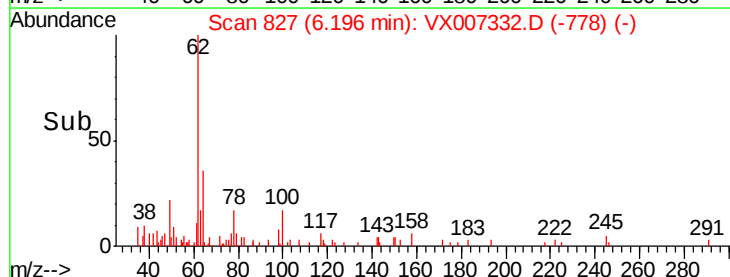
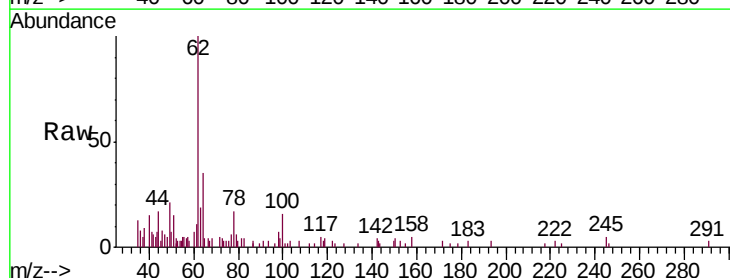
Acq: 01 Feb 2019 12:41

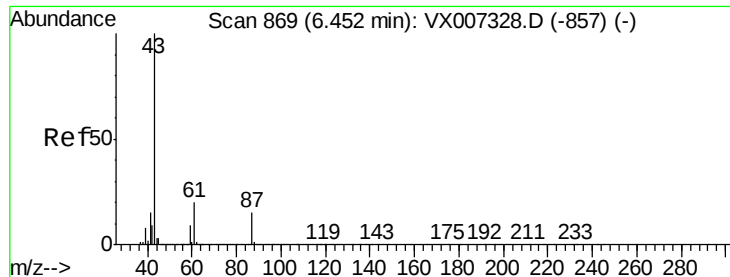
Tgt Ion: 62 Resp: 7833

Ion Ratio Lower Upper

62 100

98 7.9 0.0 19.0





#43

Isopropyl Acetate

Concen: 1.052 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

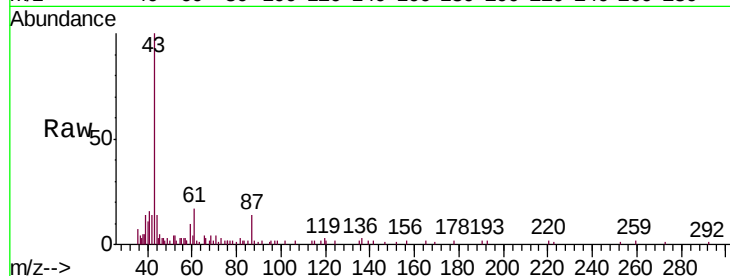
Tgt Ion: 43 Resp: 10539

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

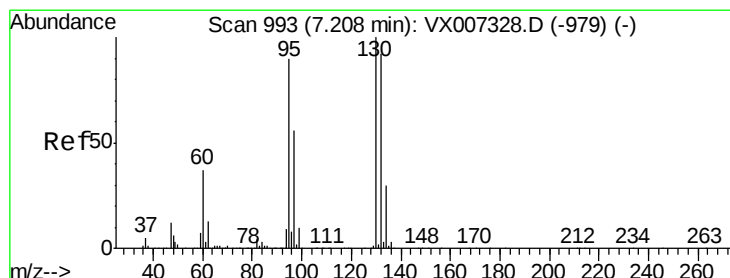
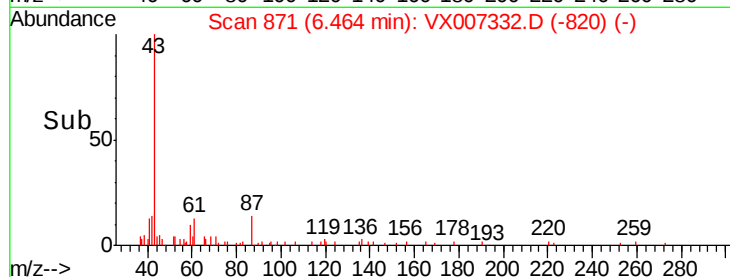
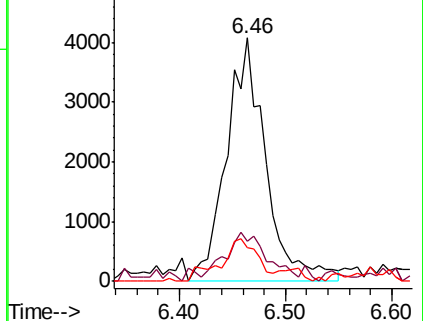
87 14.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.158 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX007332.D

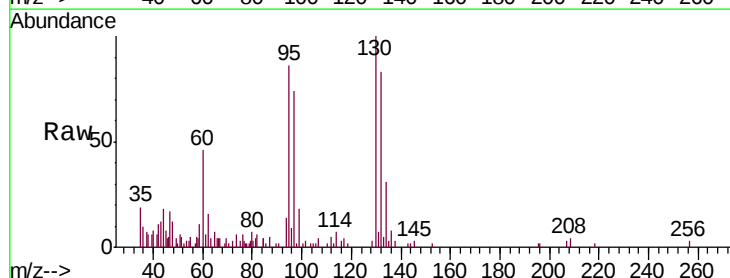
Acq: 01 Feb 2019 12:41

Tgt Ion: 130 Resp: 6597

Ion Ratio Lower Upper

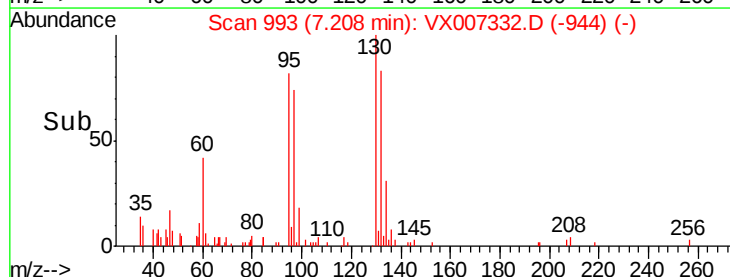
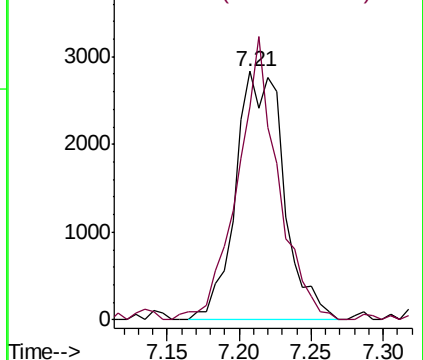
130 100

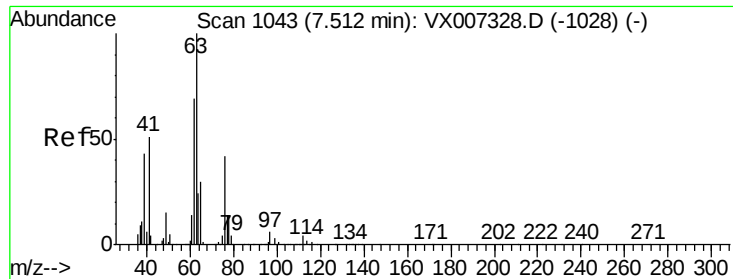
95 85.8 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

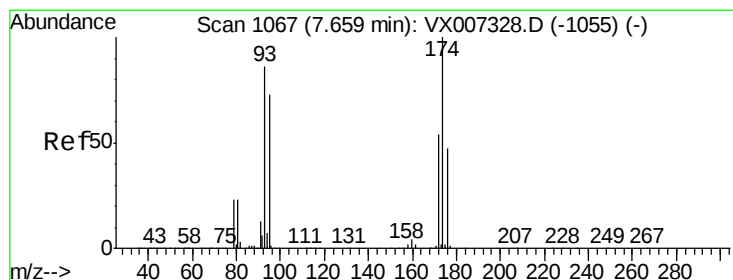
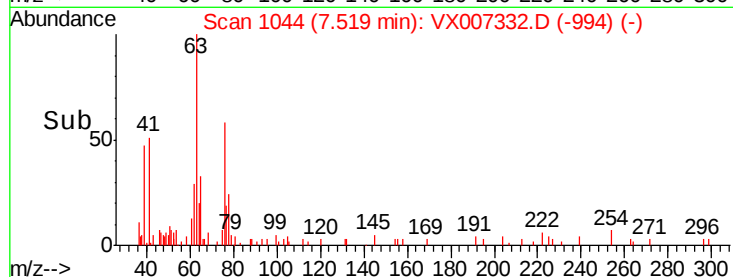
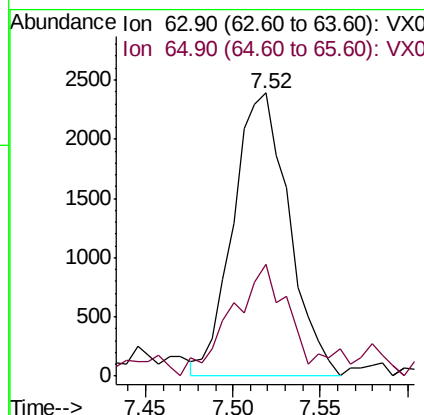
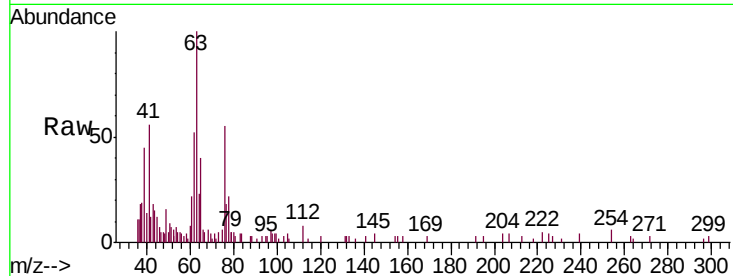




#45
 1,2-Dichloropropane
 Concen: 1.118 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

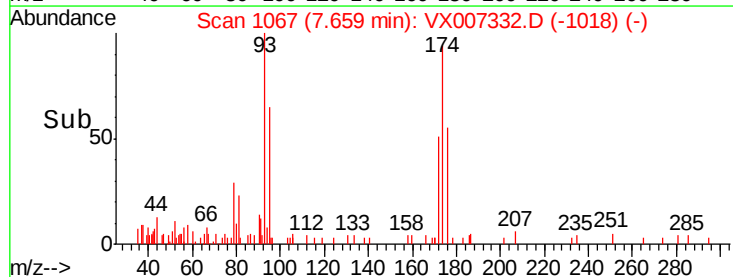
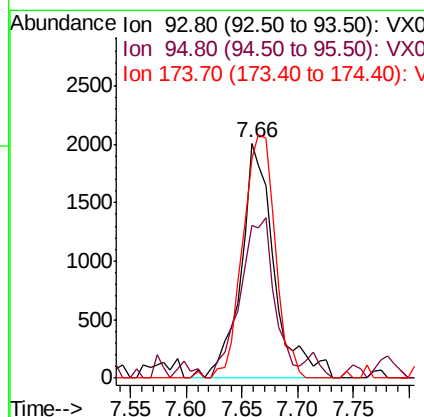
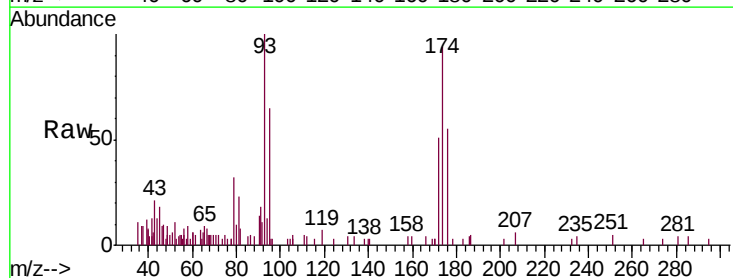
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

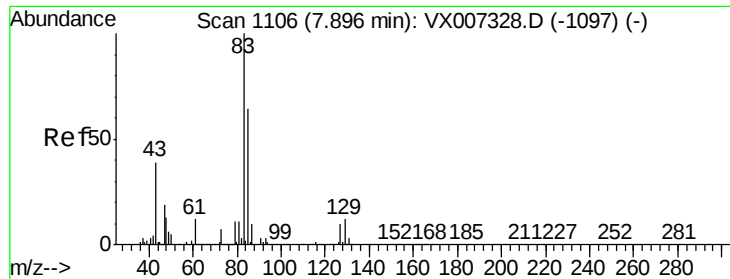
Tgt Ion: 63 Resp: 5295
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.2 36.2



#46
 Dibromomethane
 Concen: 1.214 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion: 93 Resp: 4182
 Ion Ratio Lower Upper
 93 100
 95 70.4 67.6 101.4
 174 100.4 94.2 141.4





#47

Bromodichloromethane

Concen: 1.031 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

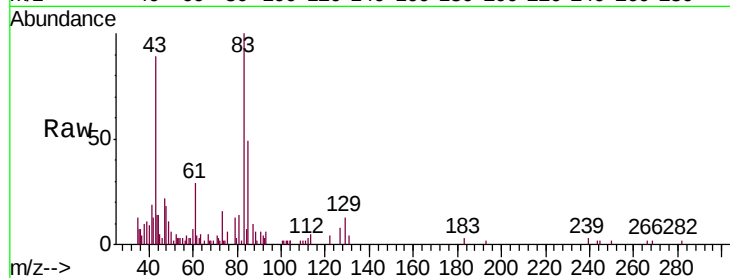
Tgt Ion: 83 Resp: 6019

Ion Ratio Lower Upper

83 100

85 49.2 51.4 77.0#

127 8.4 8.1 12.1

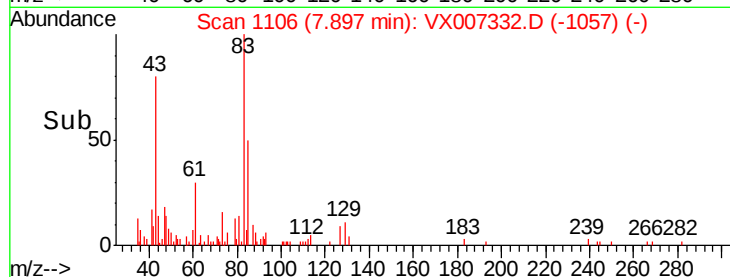


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0

Time--> 7.80 7.85 7.90 7.95 8.00

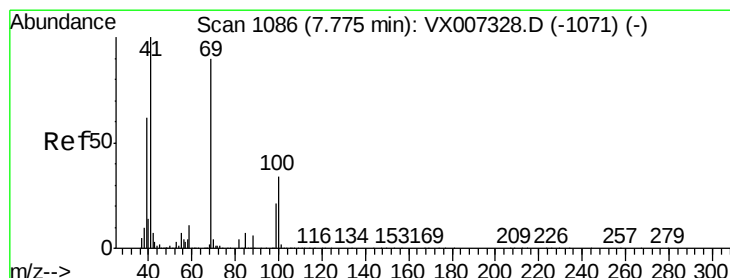


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0

Time--> 7.80 7.85 7.90 7.95 8.00



#48

Methyl methacrylate

Concen: 0.875 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

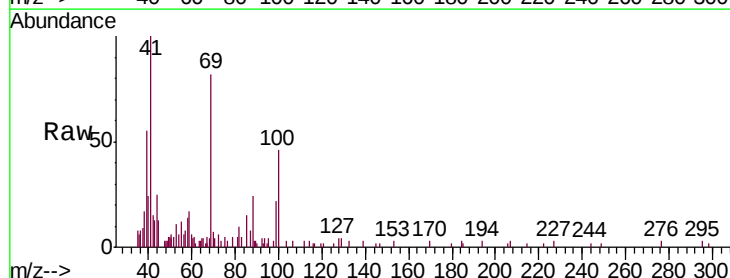
Tgt Ion: 41 Resp: 4384

Ion Ratio Lower Upper

41 100

69 112.4 70.2 105.4#

39 76.8 47.4 71.0#

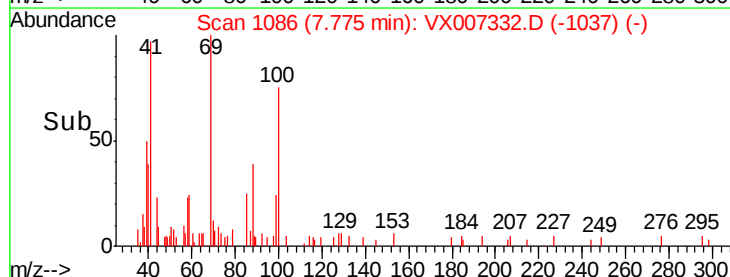


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time--> 7.70 7.75 7.80

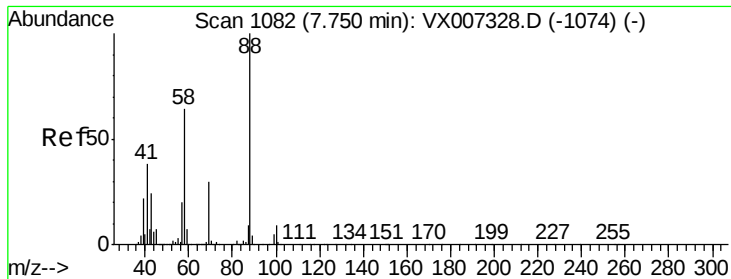


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time--> 7.70 7.75 7.80



#49

1,4-Dioxane

Concen: 27.010 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

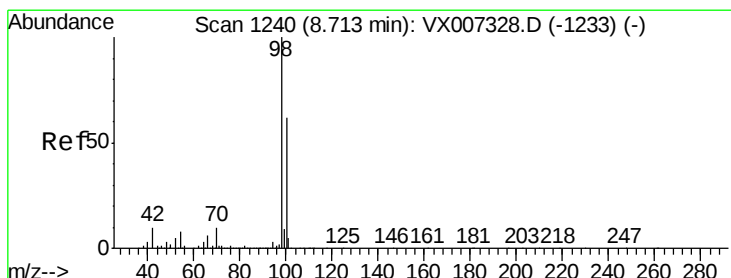
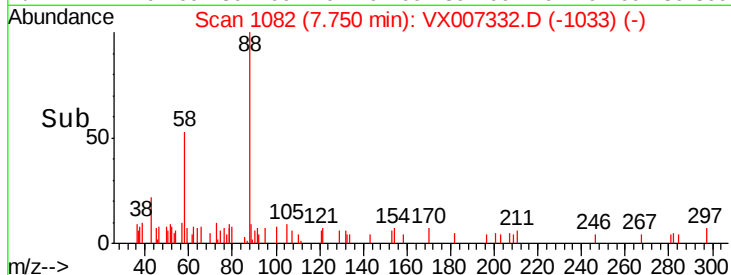
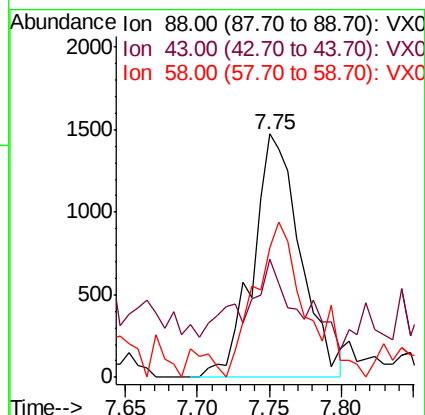
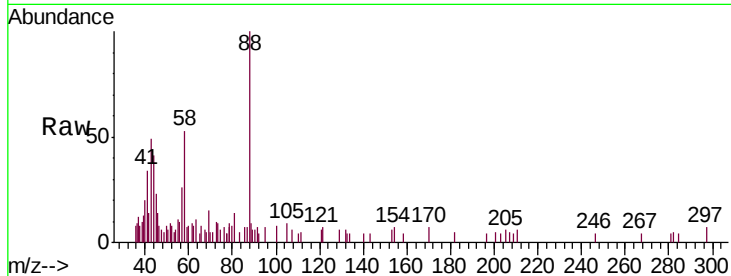
Tgt Ion: 88 Resp: 3368

Ion Ratio Lower Upper

88 100

43 18.9 24.2 36.4#

58 68.7 53.0 79.4



#50

Toluene-d8

Concen: 1.587 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007332.D

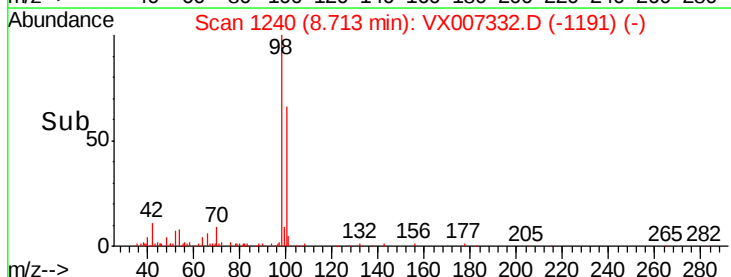
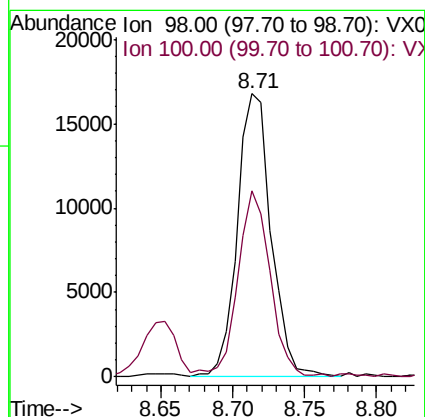
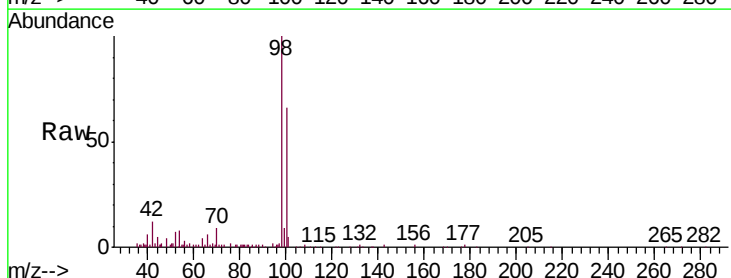
Acq: 01 Feb 2019 12:41

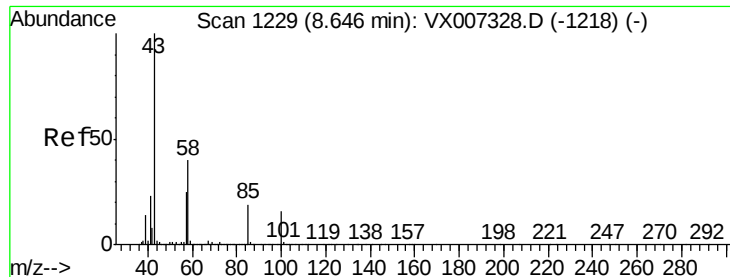
Tgt Ion: 98 Resp: 27406

Ion Ratio Lower Upper

98 100

100 60.9 51.6 77.4

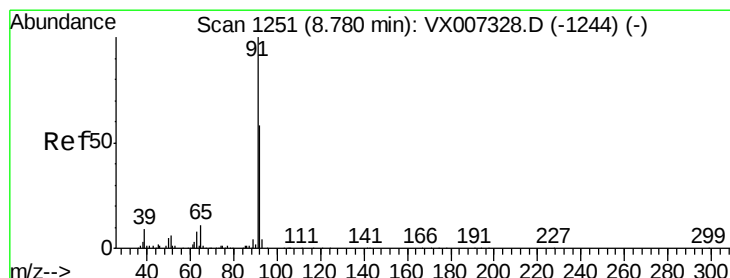
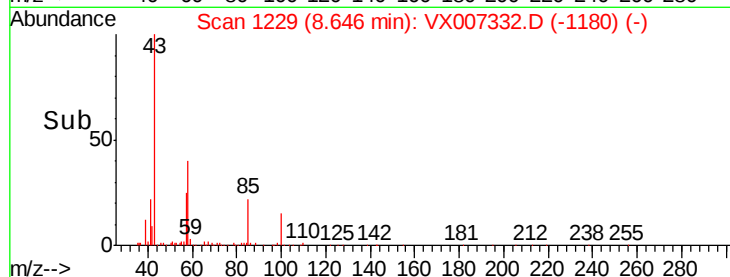
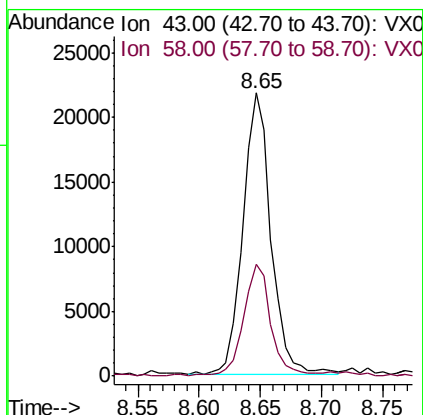
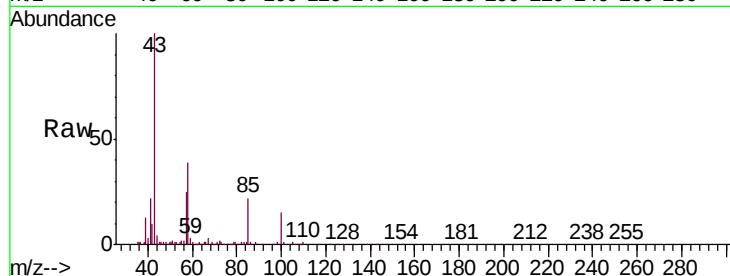




#51
4-Methyl-2-Pentanone
Concen: 5.242 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

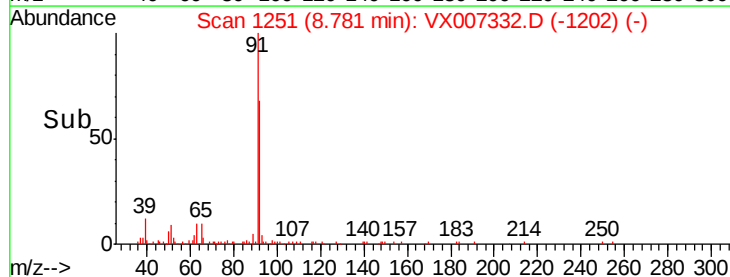
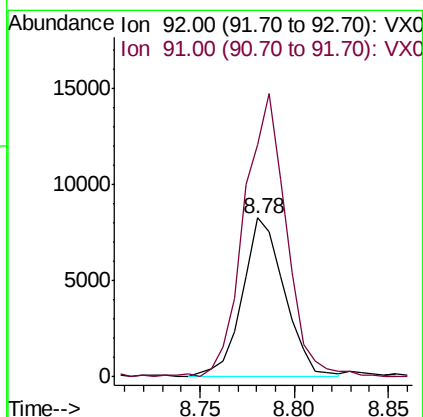
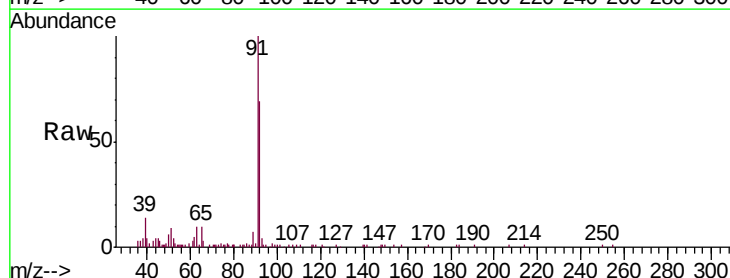
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

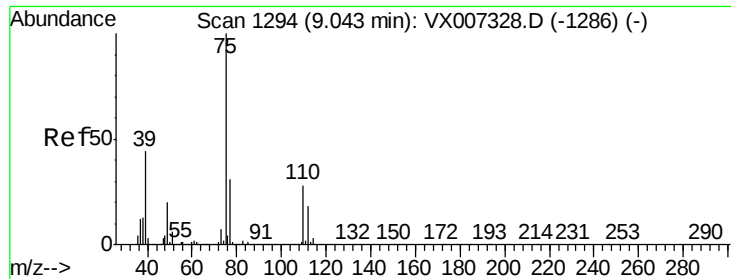
Tgt Ion: 43 Resp: 34564
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8



#52
Toluene
Concen: 1.055 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 92 Resp: 12873
Ion Ratio Lower Upper
92 100
91 178.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 0.871 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

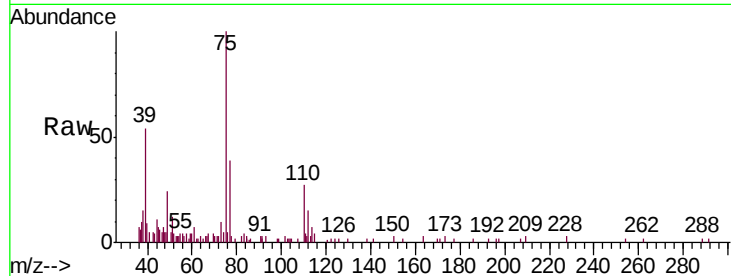
VSTDIC001

Tgt Ion: 75 Resp: 5458

Ion Ratio Lower Upper

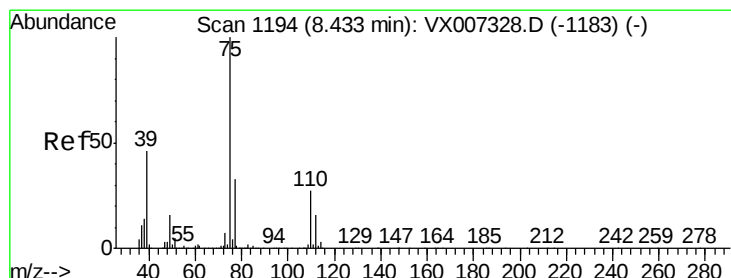
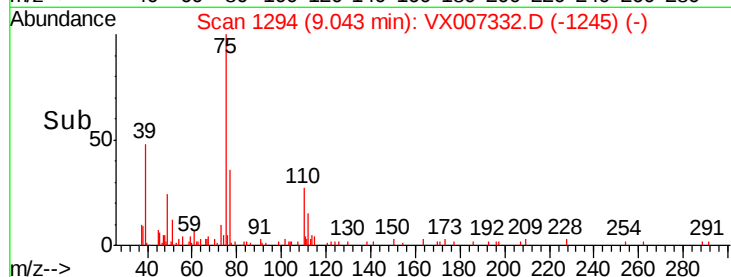
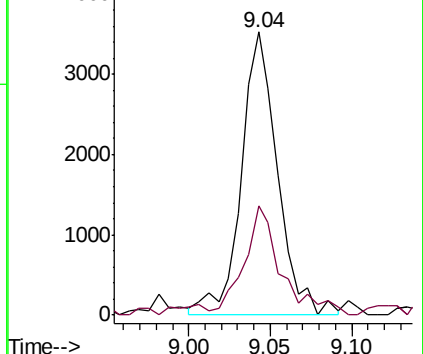
75 100

77 36.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.862 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

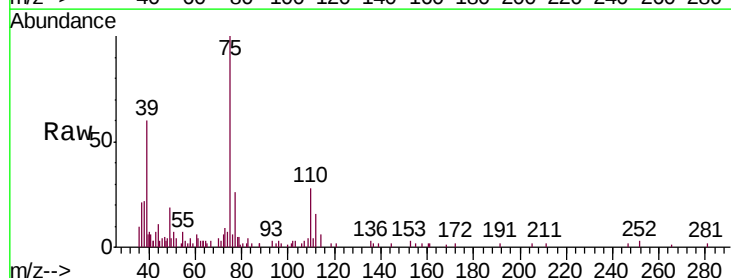
Tgt Ion: 75 Resp: 5945

Ion Ratio Lower Upper

75 100

77 26.7 26.2 39.4

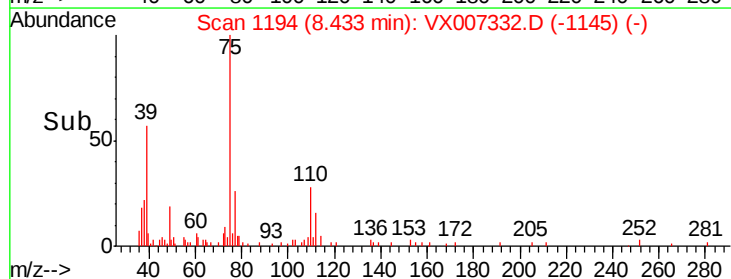
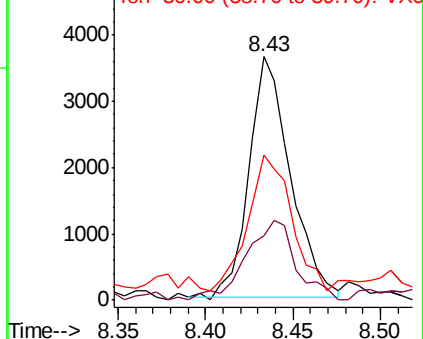
39 52.4 37.1 55.7

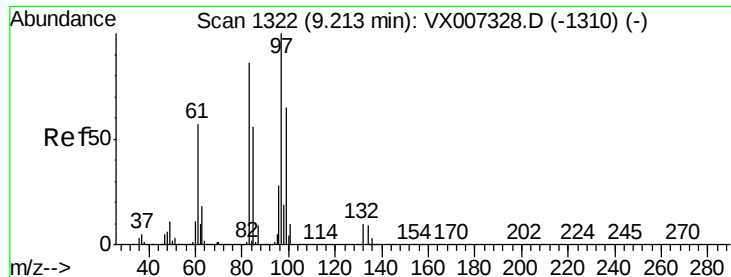


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

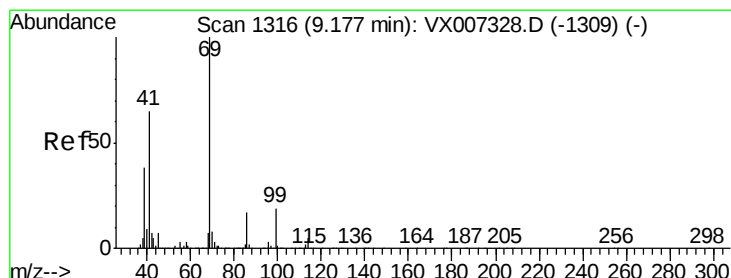
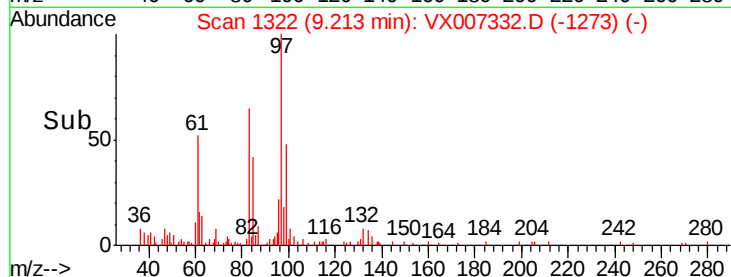
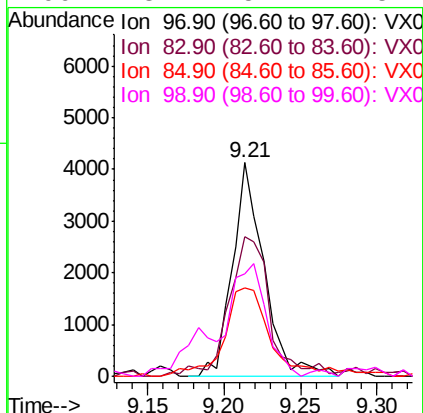
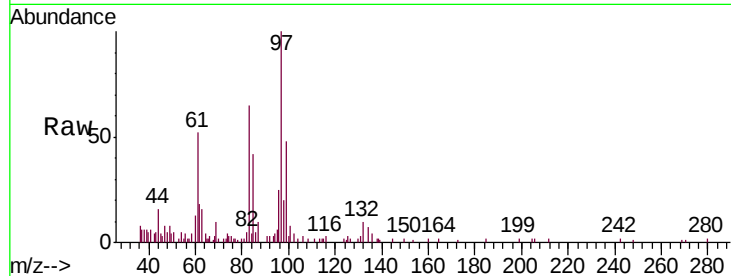




#55
 1,1,2-Trichloroethane
 Concen: 1.163 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

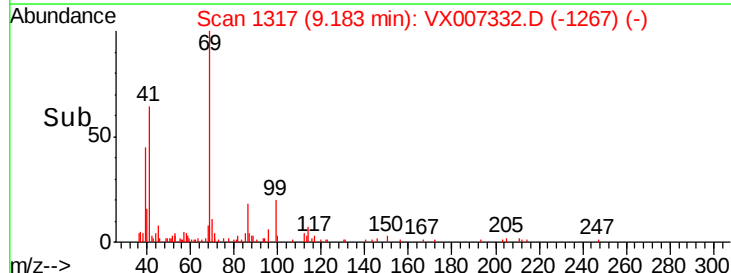
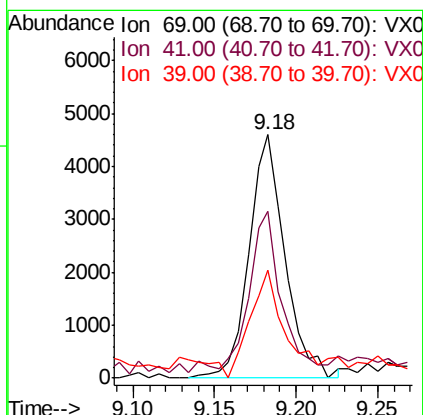
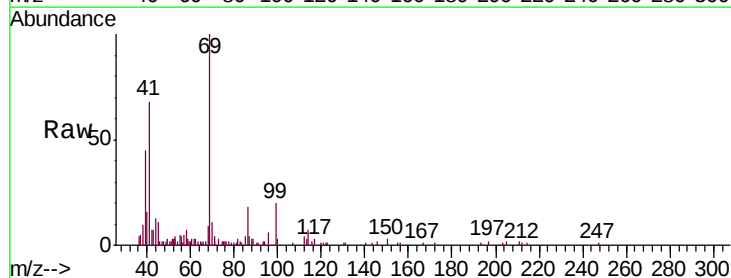
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

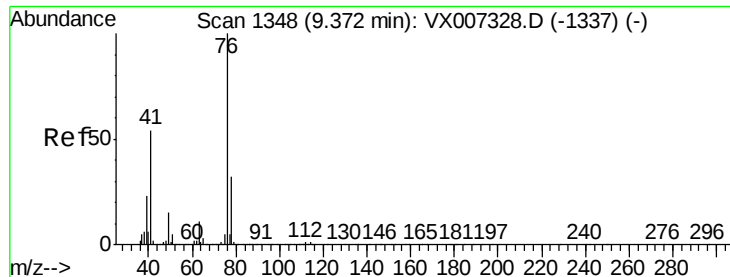
Tgt Ion: 97 Resp: 5917
 Ion Ratio Lower Upper
 97 100
 83 63.5 68.6 102.8#
 85 38.9 44.5 66.7#
 99 48.1 52.2 78.4#



#56
 Ethyl methacrylate
 Concen: 1.003 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion: 69 Resp: 7067
 Ion Ratio Lower Upper
 69 100
 41 62.6 52.1 78.1
 39 48.0 30.1 45.1#





#57

1,3-Dichloropropane

Concen: 1.105 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

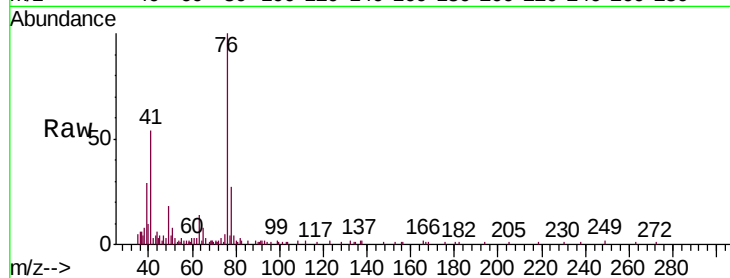
VSTDIC001

Tgt Ion: 76 Resp: 8935

Ion Ratio Lower Upper

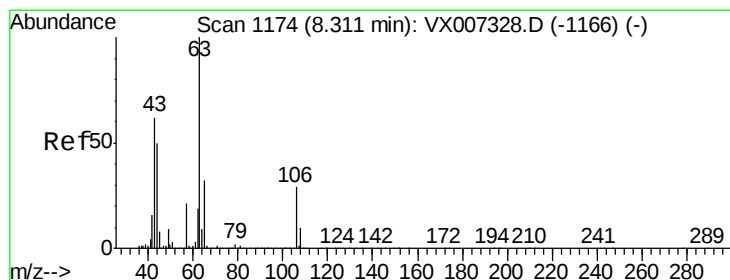
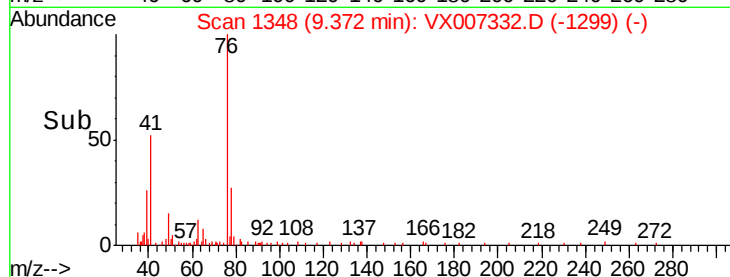
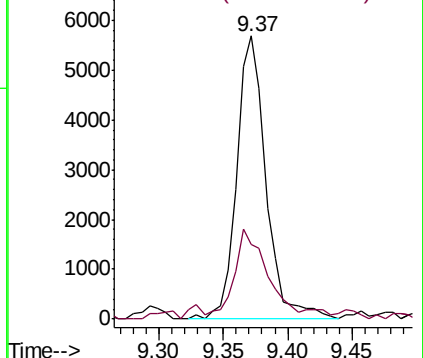
76 100

78 34.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.829 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007332.D

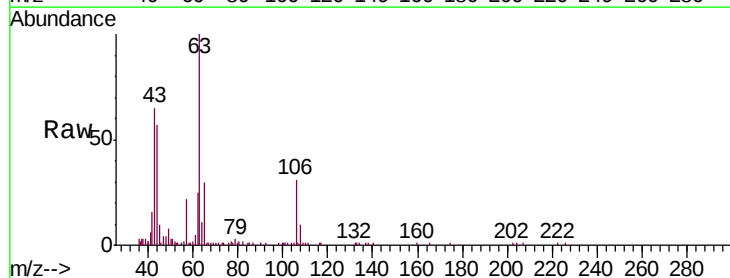
Acq: 01 Feb 2019 12:41

Tgt Ion: 63 Resp: 17930

Ion Ratio Lower Upper

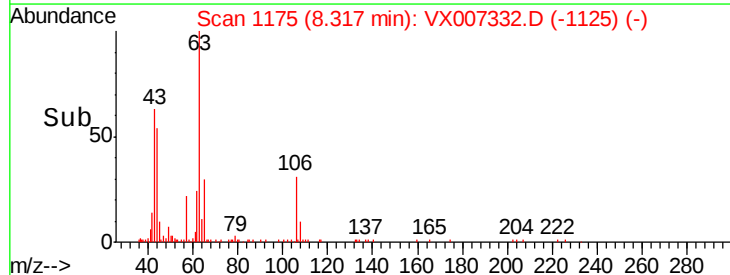
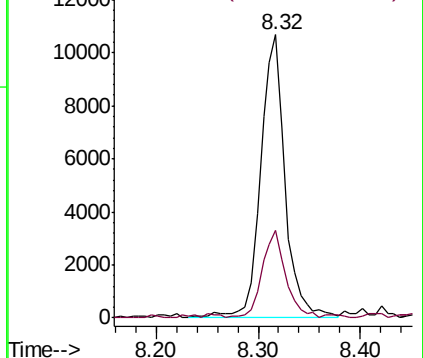
63 100

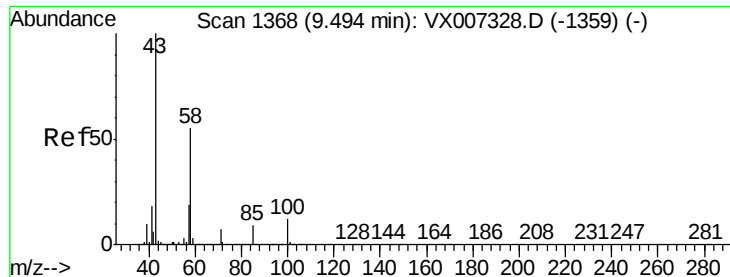
106 29.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

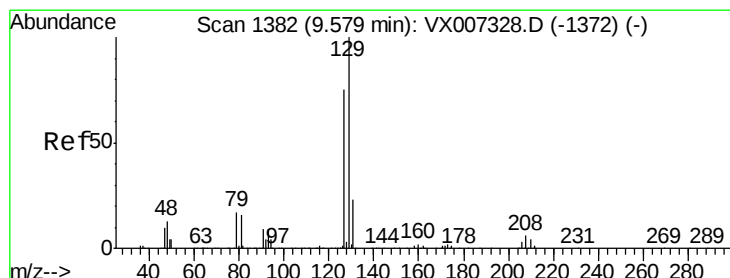
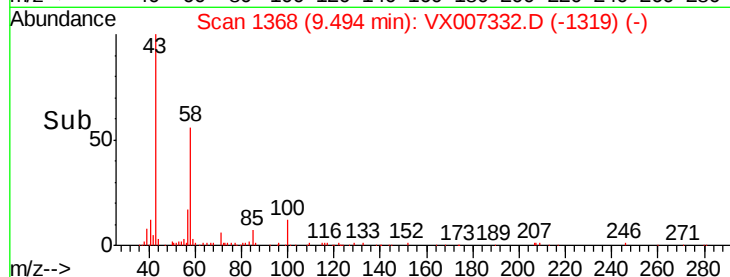
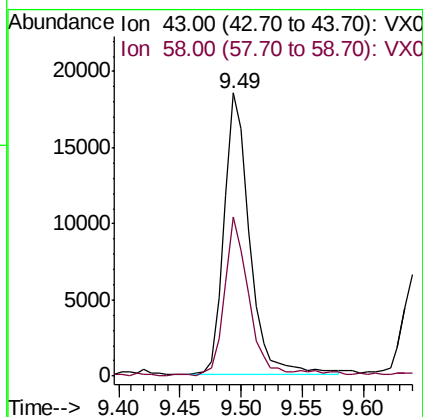
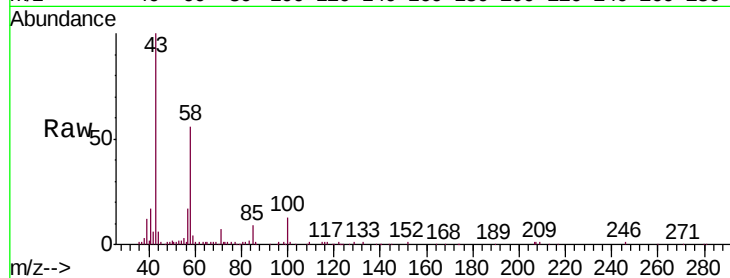




#59
2-Hexanone
Concen: 5.260 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

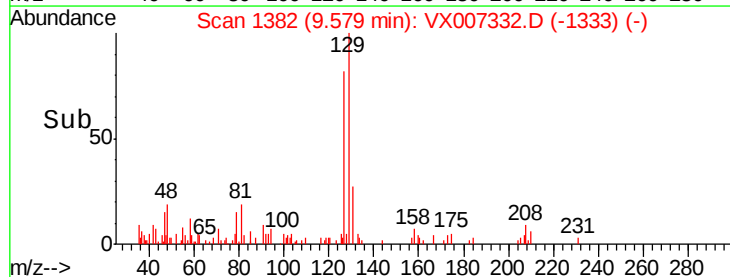
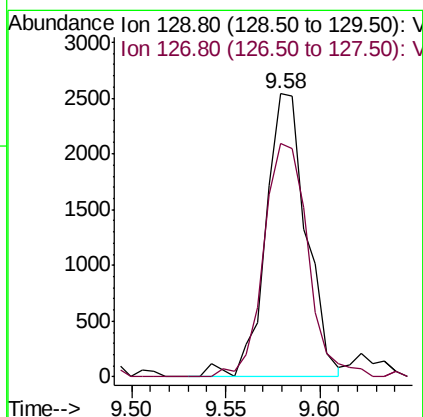
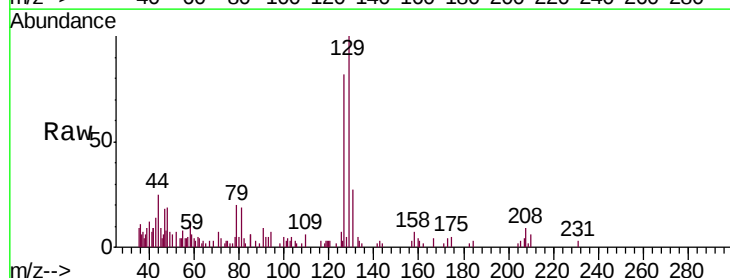
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

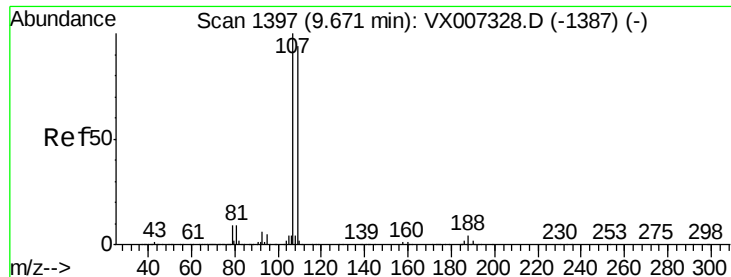
Tgt Ion: 43 Resp: 26993
Ion Ratio Lower Upper
43 100
58 52.5 27.1 81.3



#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 129 Resp: 3794
Ion Ratio Lower Upper
129 100
127 89.7 37.8 113.4





#61

1,2-Dibromoethane

Concen: 1.074 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

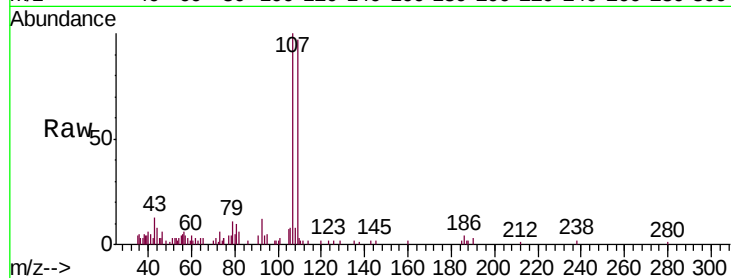
VSTDIC001

Tgt Ion: 107 Resp: 5783

Ion Ratio Lower Upper

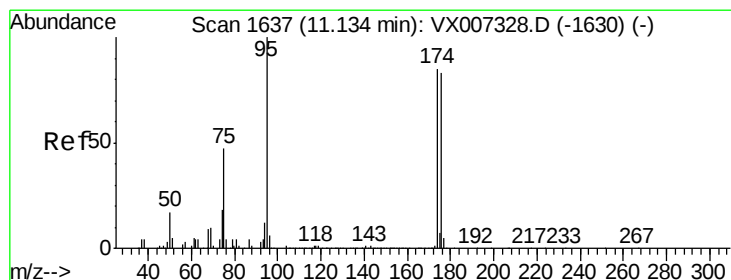
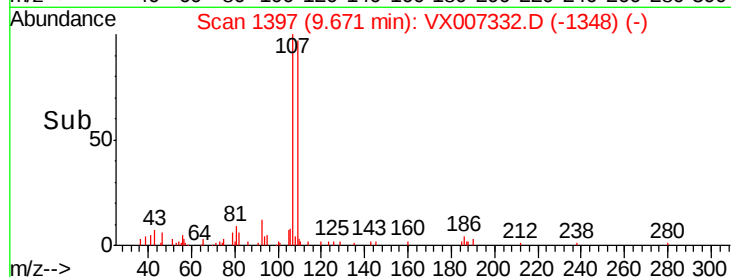
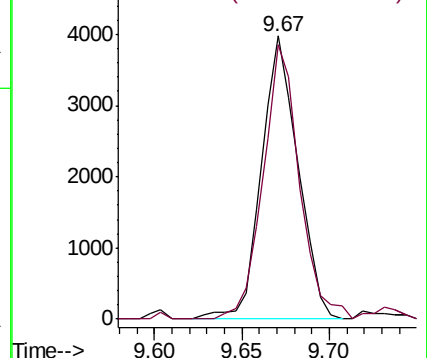
107 100

109 96.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.221 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

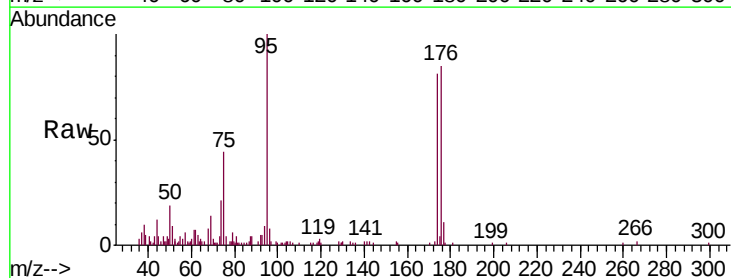
Tgt Ion: 95 Resp: 7703

Ion Ratio Lower Upper

95 100

174 87.2 0.0 189.2

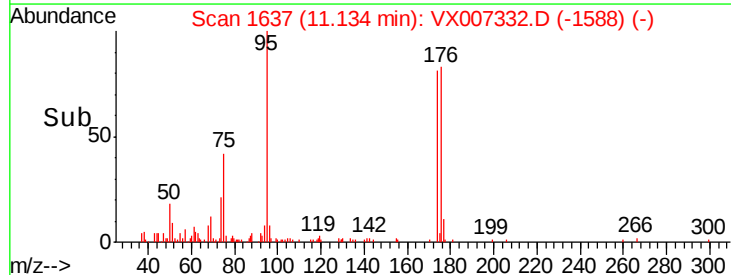
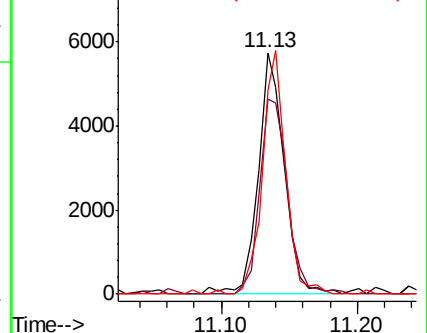
176 90.7 0.0 186.2

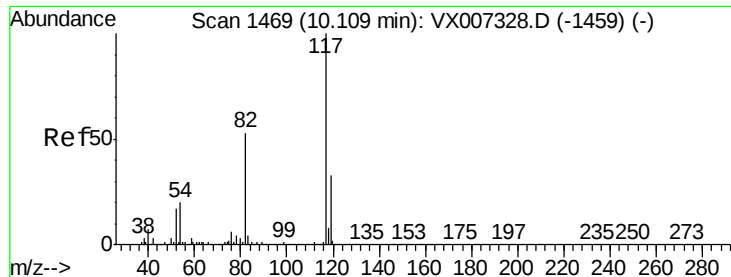


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

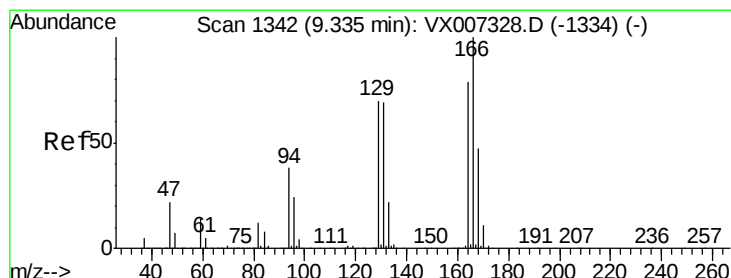
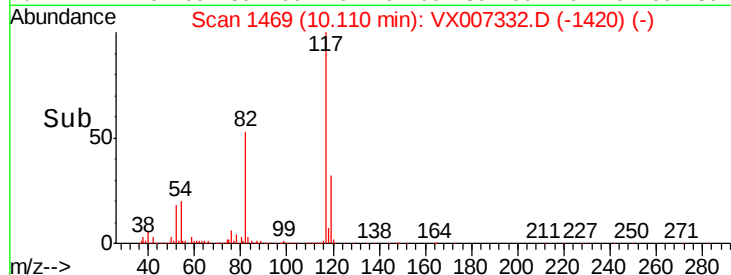
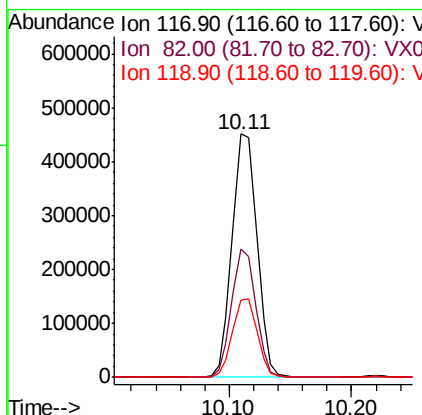
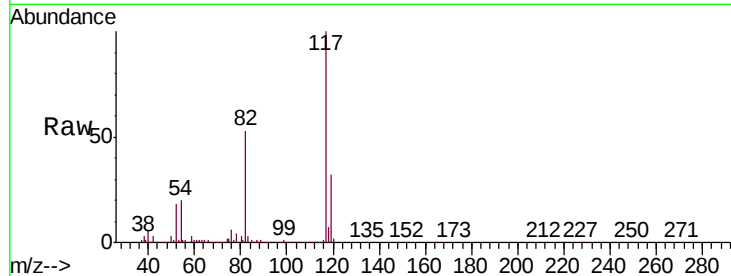




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

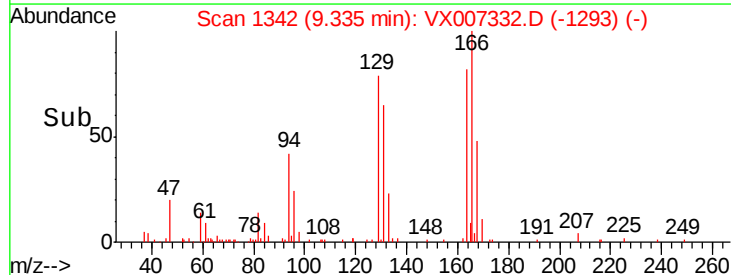
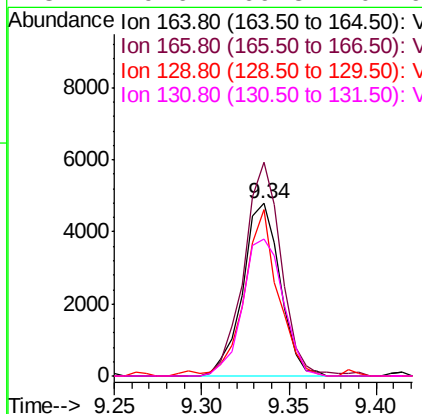
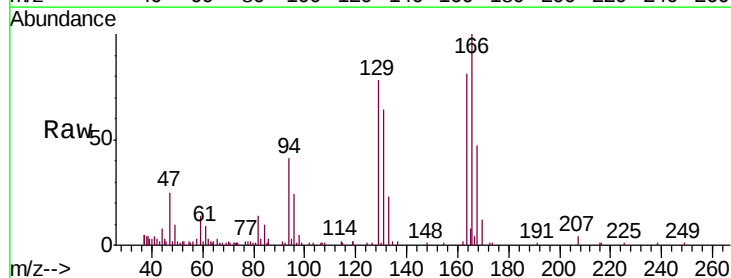
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

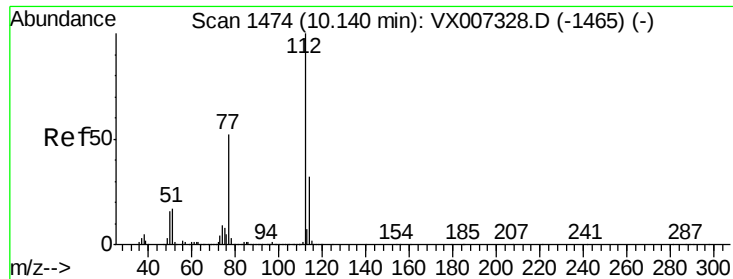
Tgt Ion:117 Resp: 636667
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 1.190 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion:164 Resp: 7140
Ion Ratio Lower Upper
164 100
166 123.8 101.0 151.4
129 96.2 70.5 105.7
131 79.6 69.8 104.6





#65

Chlorobenzene

Concen: 1.192 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

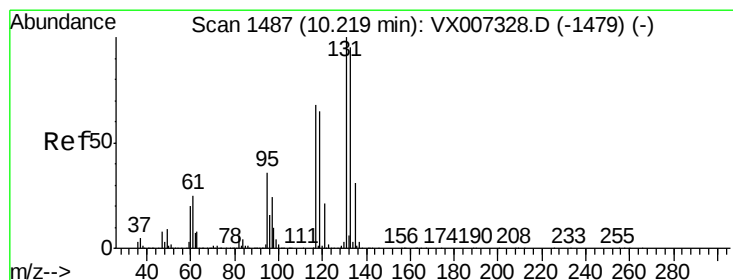
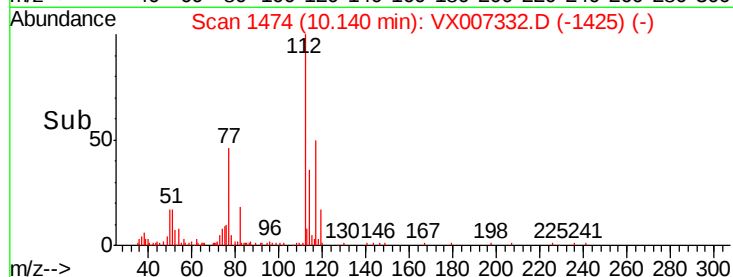
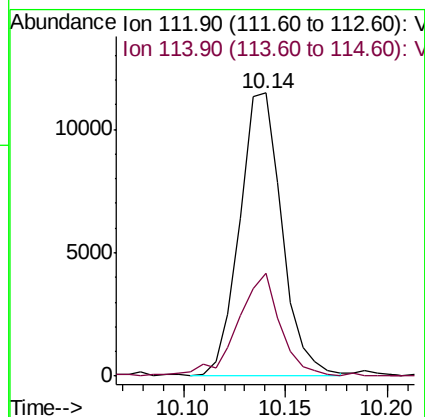
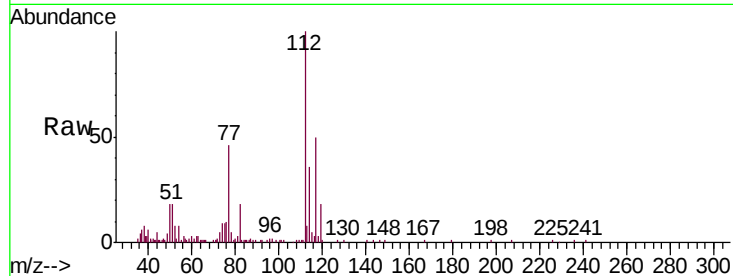
VSTDIC001

Tgt Ion:112 Resp: 16561

Ion Ratio Lower Upper

112 100

114 36.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 0.991 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

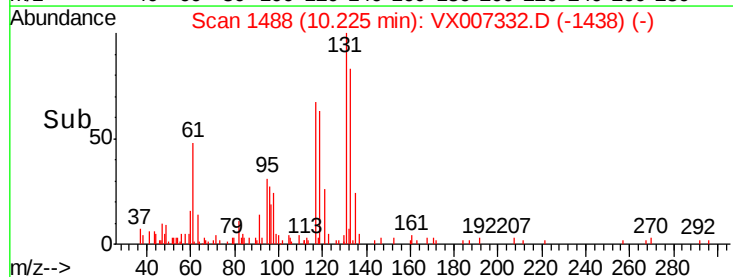
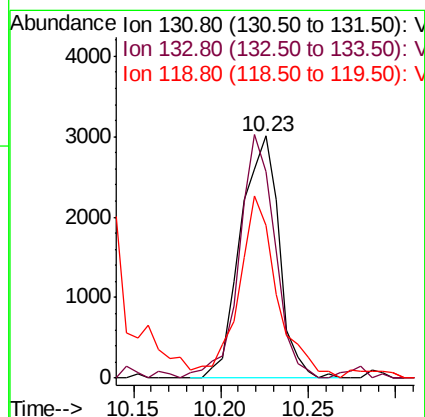
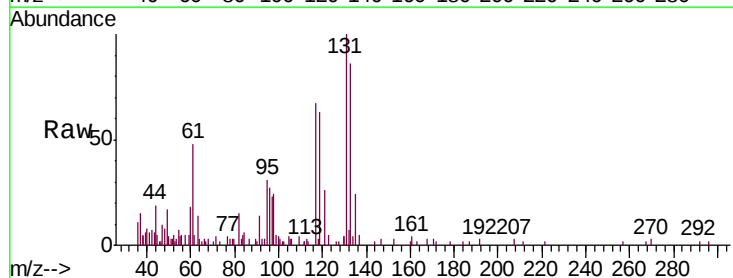
Tgt Ion:131 Resp: 4618

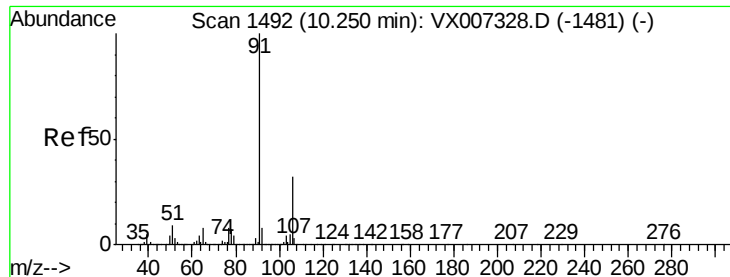
Ion Ratio Lower Upper

131 100

133 93.1 48.0 144.2

119 0.0 32.0 96.0#





#67

Ethyl Benzene

Concen: 1.073 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

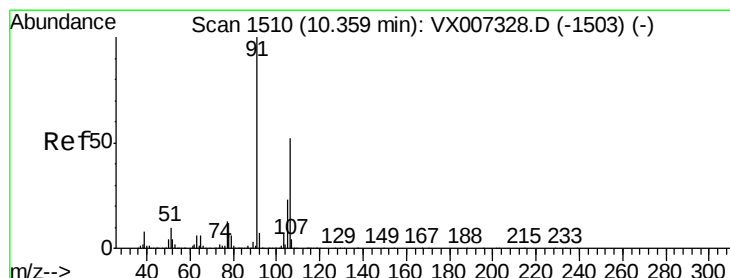
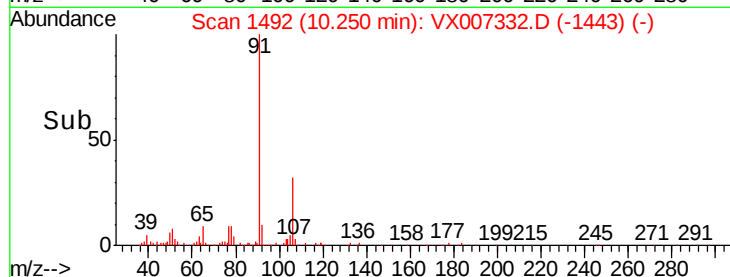
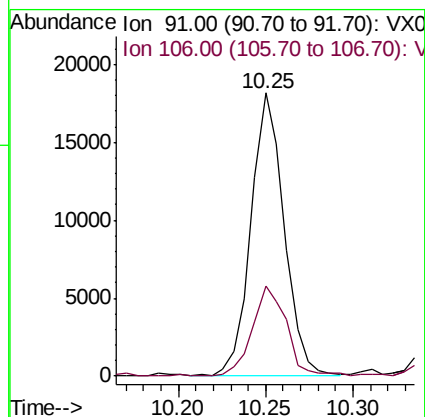
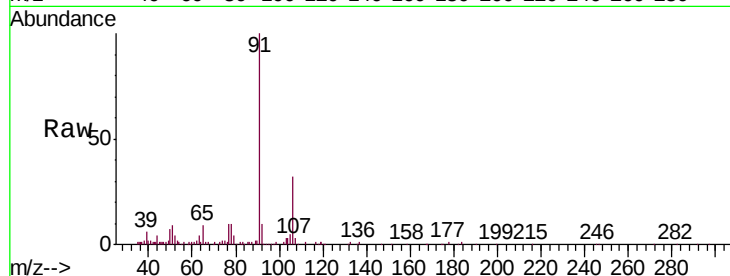
VSTDIC001

Tgt Ion: 91 Resp: 24000

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 2.102 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007332.D

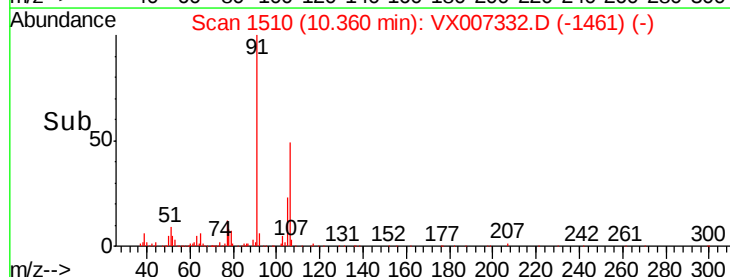
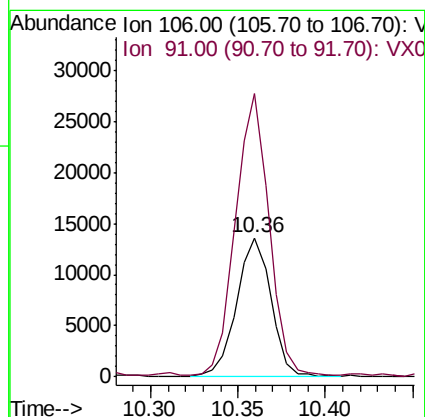
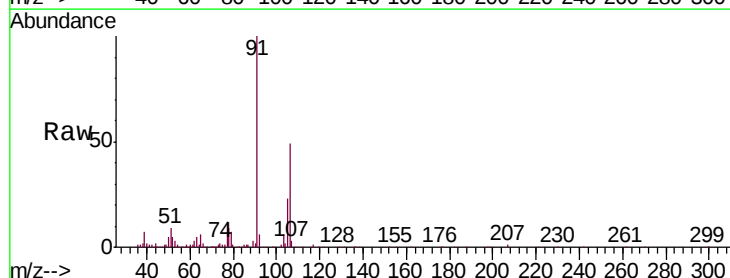
Acq: 01 Feb 2019 12:41

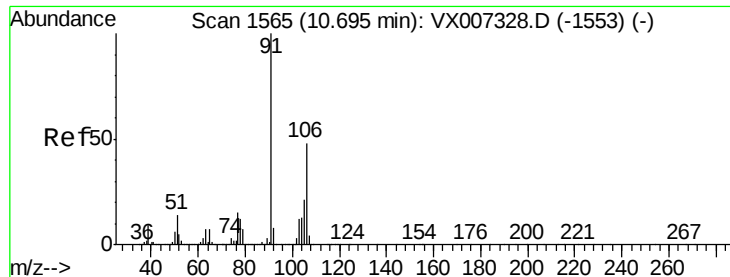
Tgt Ion: 106 Resp: 18696

Ion Ratio Lower Upper

106 100

91 196.2 156.6 234.8

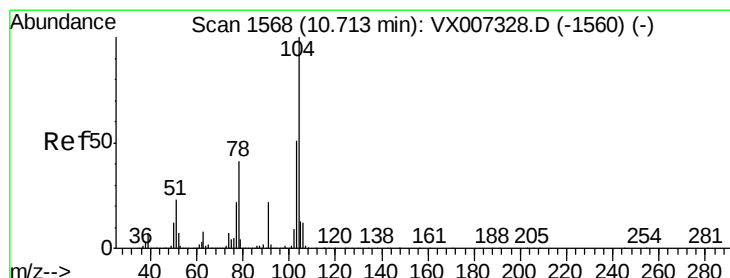
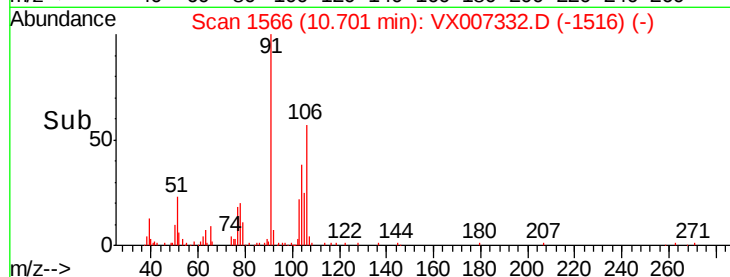
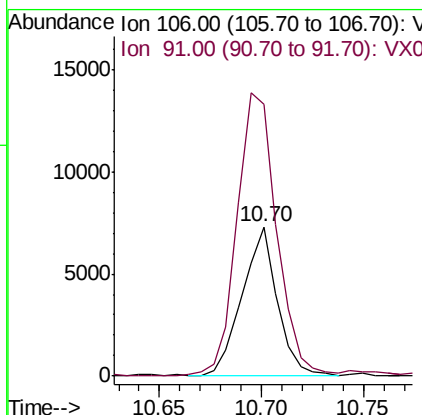
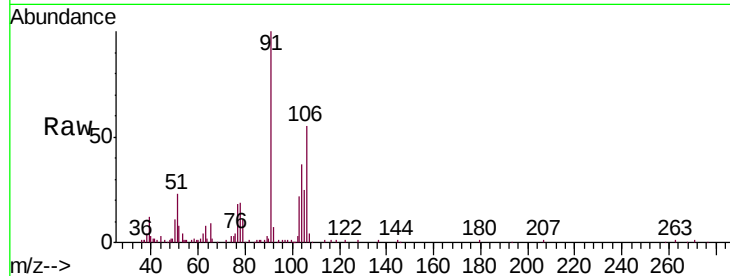




#69
o-Xylene
Concen: 1.029 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

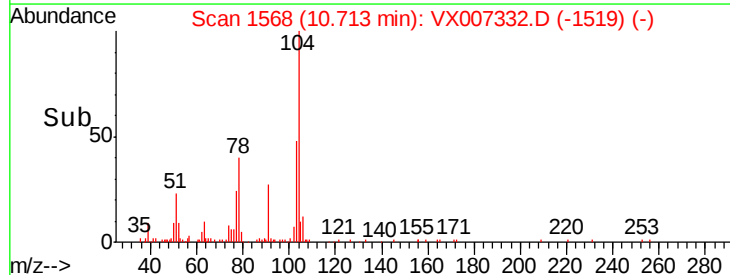
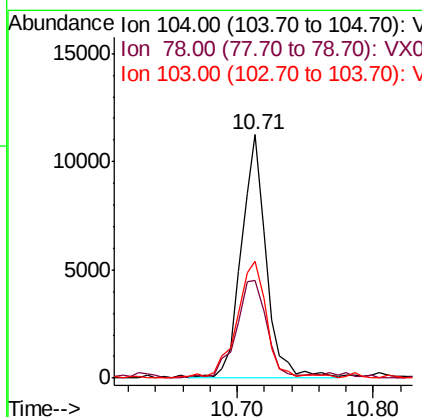
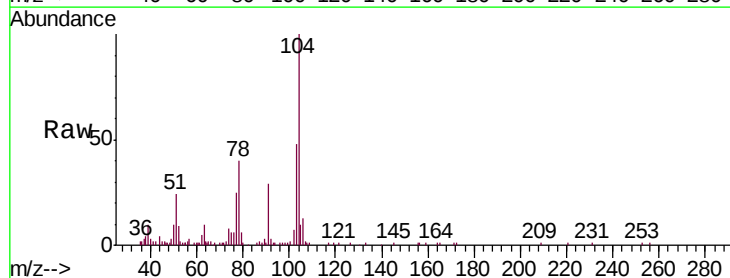
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

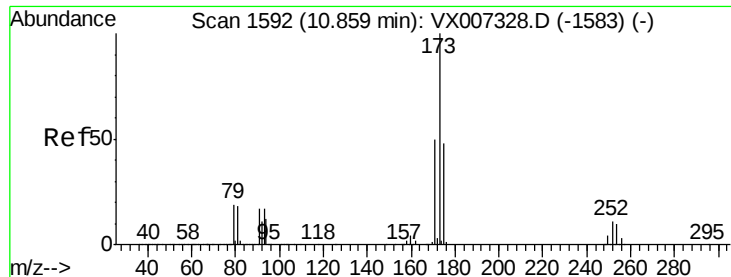
Tgt Ion:106 Resp: 8805
Ion Ratio Lower Upper
106 100
91 212.9 102.9 308.7



#70
Styrene
Concen: 1.032 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion:104 Resp: 14318
Ion Ratio Lower Upper
104 100
78 49.8 38.3 57.5
103 58.2 44.6 67.0





#71

Bromoform

Concen: 0.877 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

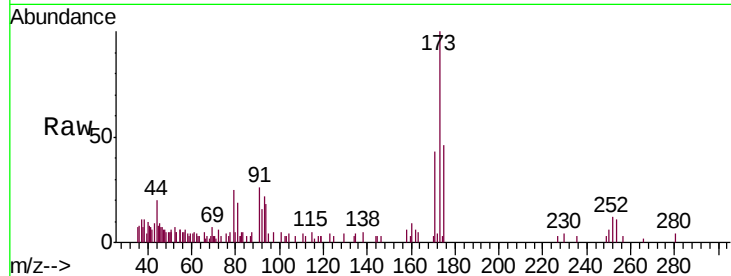
Tgt Ion:173 Resp: 3162

Ion Ratio Lower Upper

173 100

175 49.4 24.2 72.6

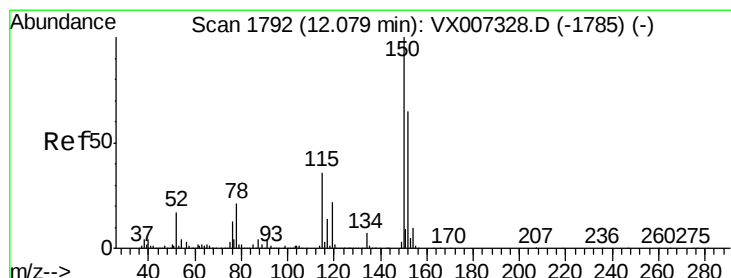
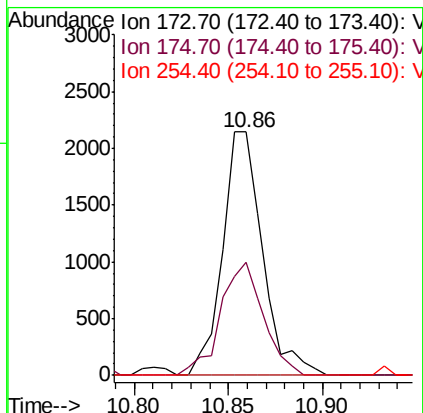
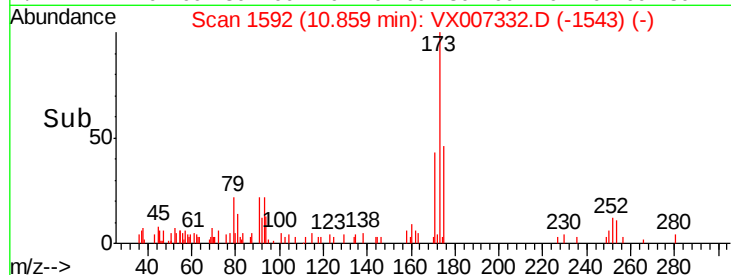
254 0.0 0.2 0.2#



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: VX007332.D

Acq: 01 Feb 2019 12:41

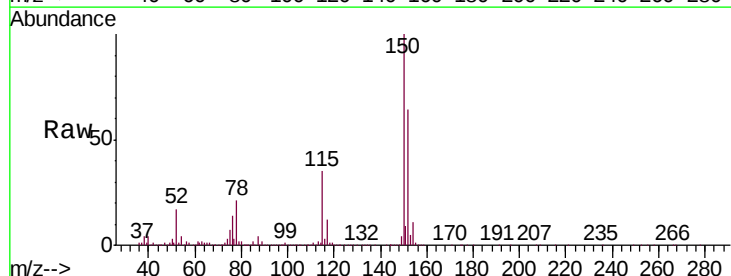
Tgt Ion:152 Resp: 308780

Ion Ratio Lower Upper

152 100

115 55.8 38.0 114.0

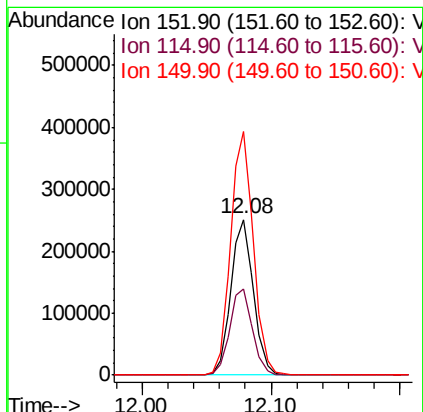
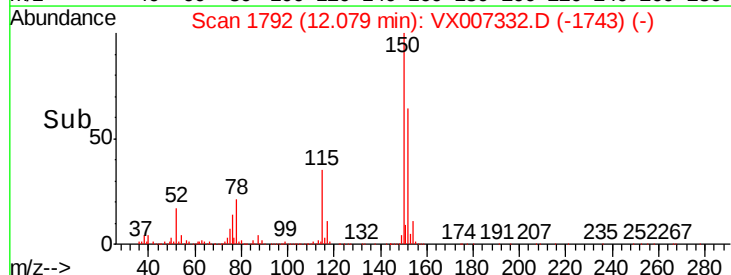
150 157.1 0.0 346.4

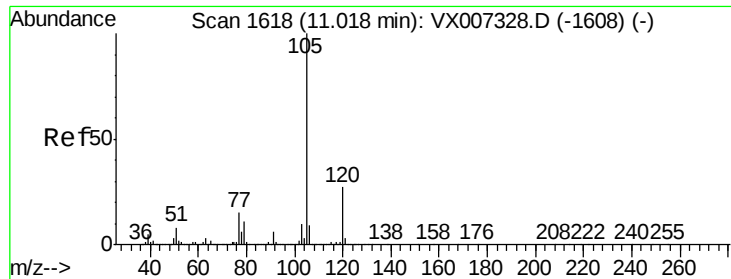


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.143 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

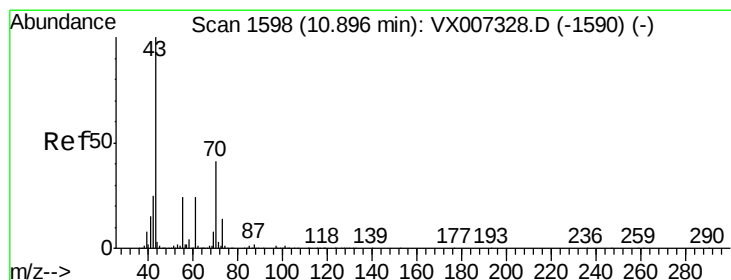
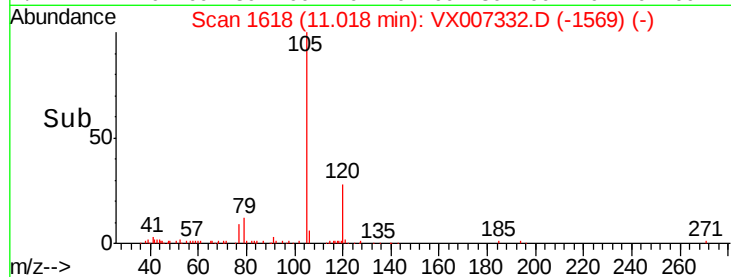
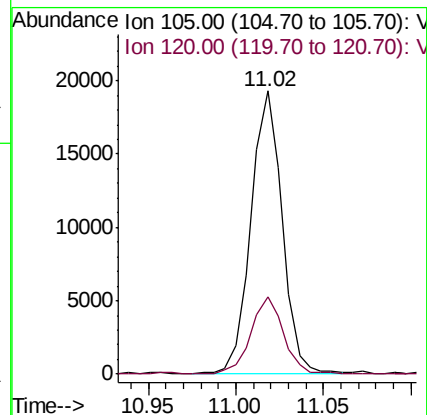
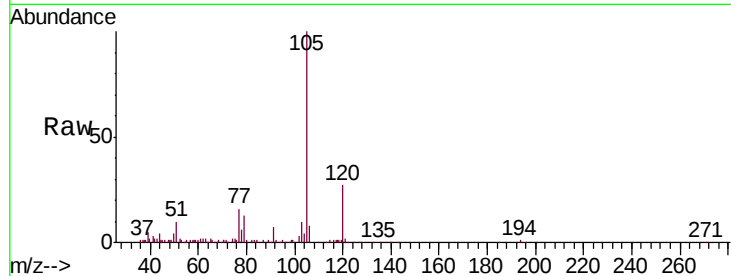
VSTDIC001

Tgt Ion:105 Resp: 23977

Ion Ratio Lower Upper

105 100

120 28.4 13.6 40.7



#74

N-ethyl acetate

Concen: 1.148 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Tgt Ion: 43 Resp: 9315

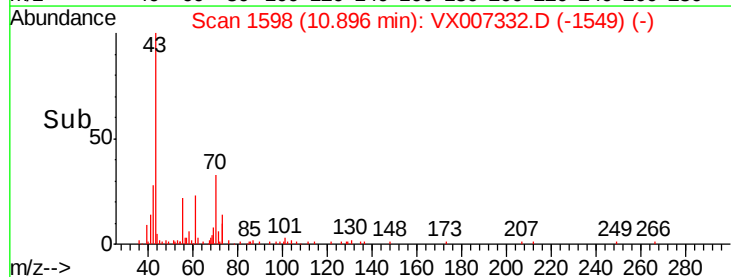
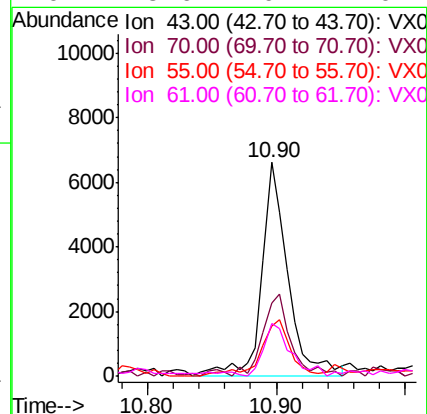
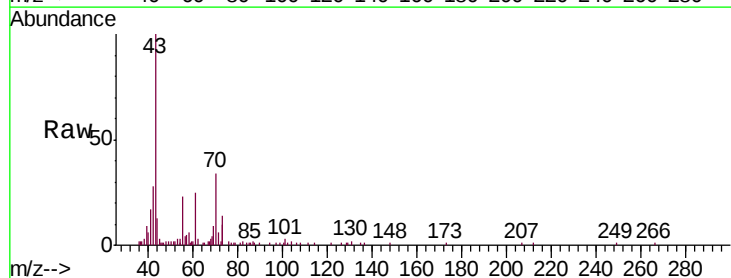
Ion Ratio Lower Upper

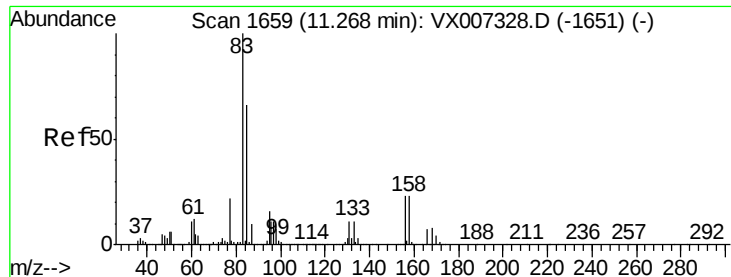
43 100

70 40.3 33.8 50.6

55 29.3 19.5 29.3#

61 25.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 1.223 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

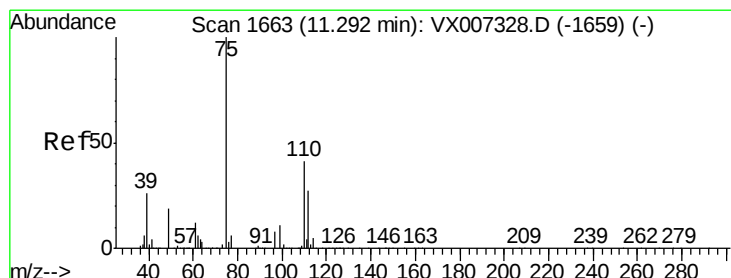
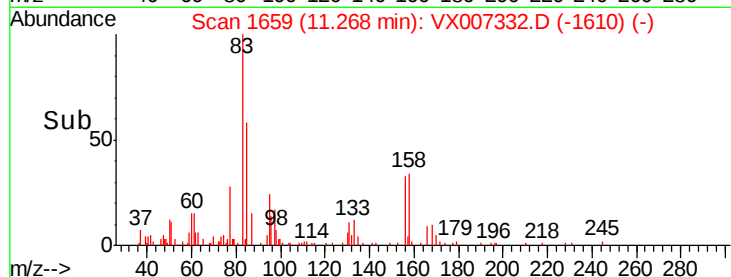
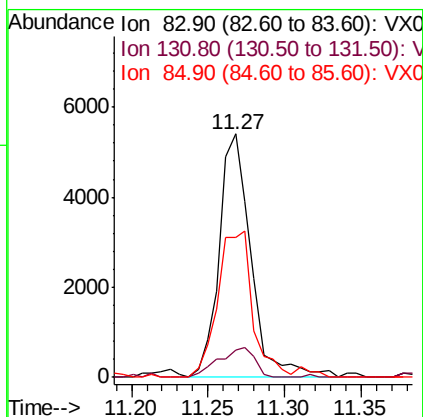
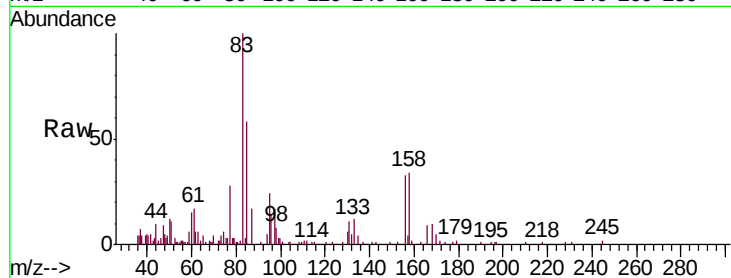
Tgt Ion: 83 Resp: 7818

Ion Ratio Lower Upper

83 100

131 13.6 5.7 17.0

85 65.7 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 1.253 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007332.D

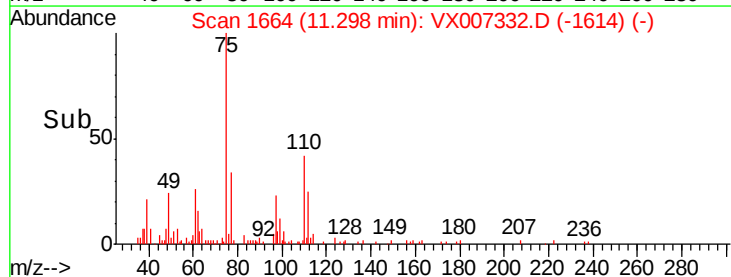
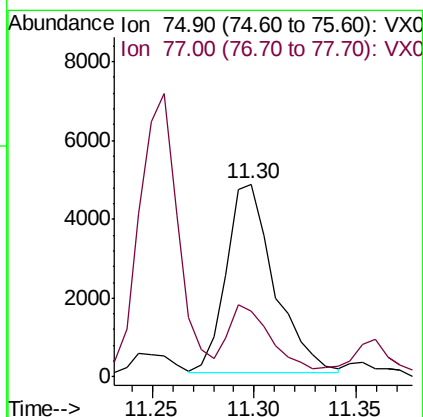
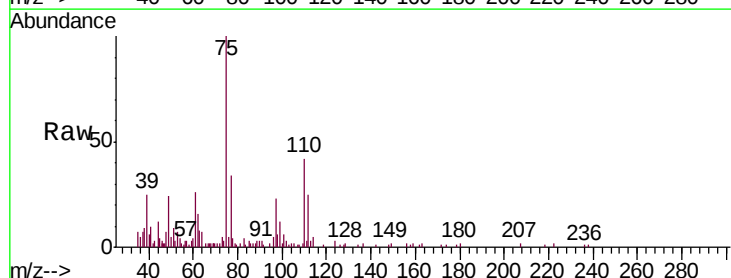
Acq: 01 Feb 2019 12:41

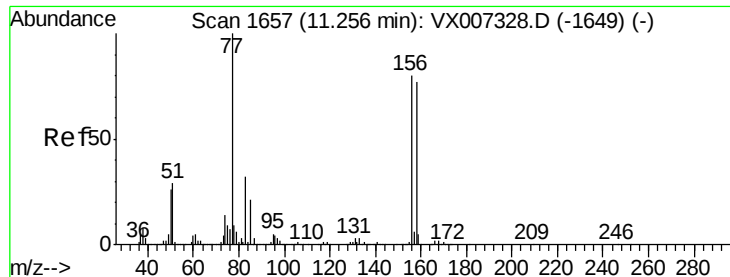
Tgt Ion: 75 Resp: 7843

Ion Ratio Lower Upper

75 100

77 35.1 23.0 69.0





#77

Bromobenzene

Concen: 1.232 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

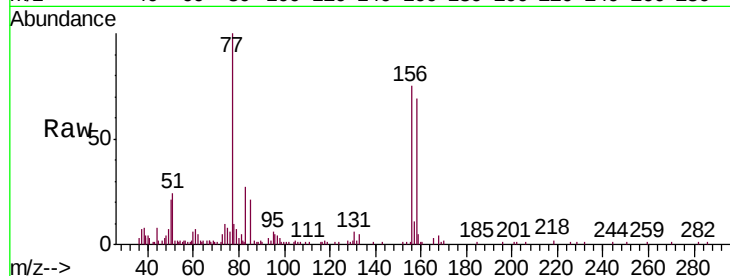
Tgt Ion:156 Resp: 7284

Ion Ratio Lower Upper

156 100

77 131.9 66.8 200.6

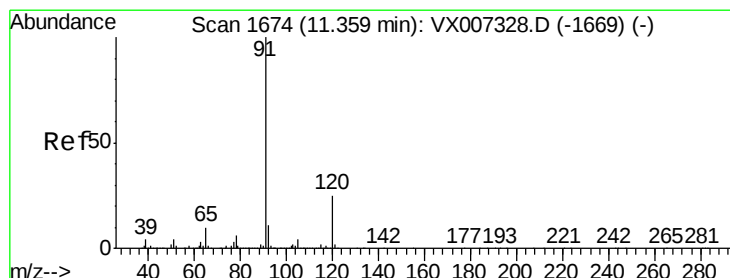
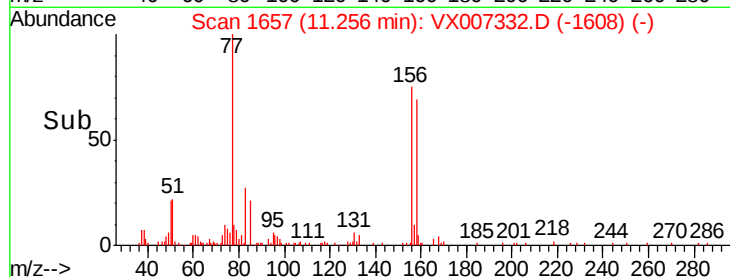
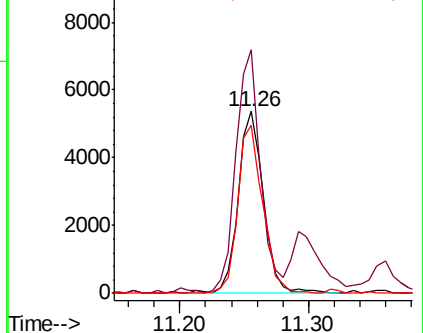
158 92.1 47.9 143.8



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: 1.035 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007332.D

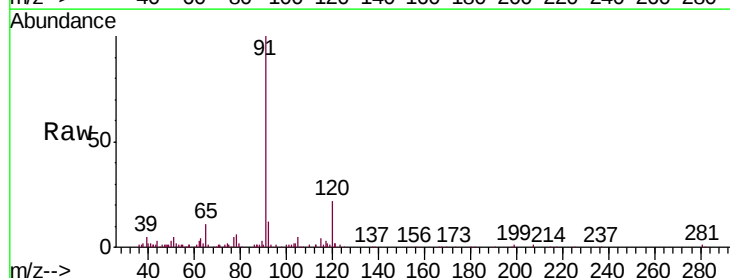
Acq: 01 Feb 2019 12:41

Tgt Ion: 91 Resp: 23826

Ion Ratio Lower Upper

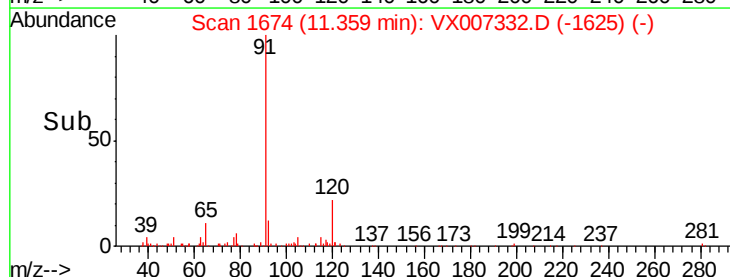
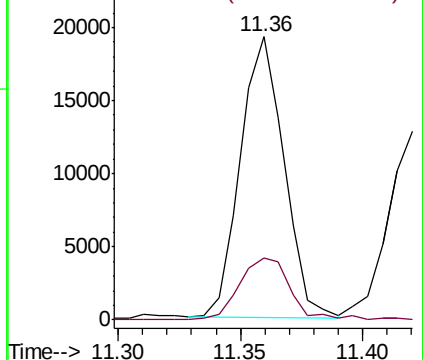
91 100

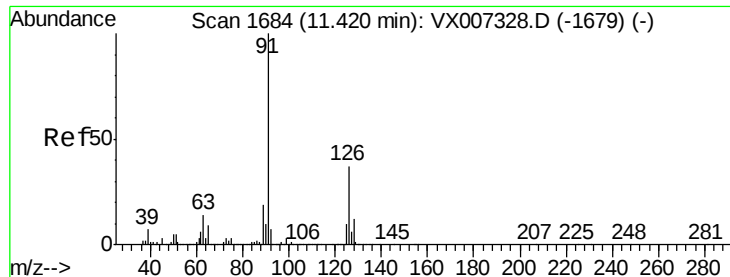
120 26.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.180 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

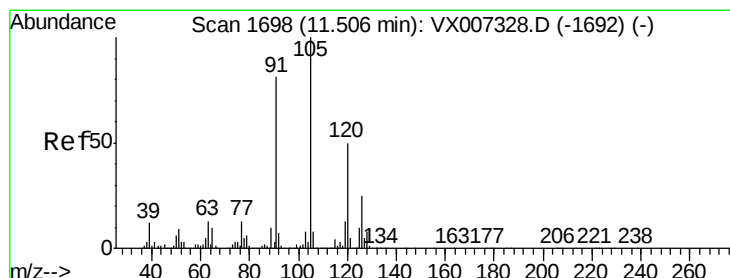
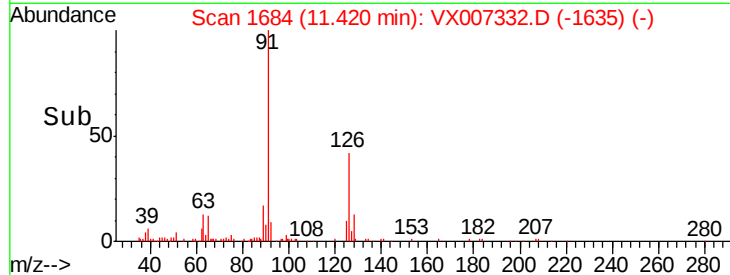
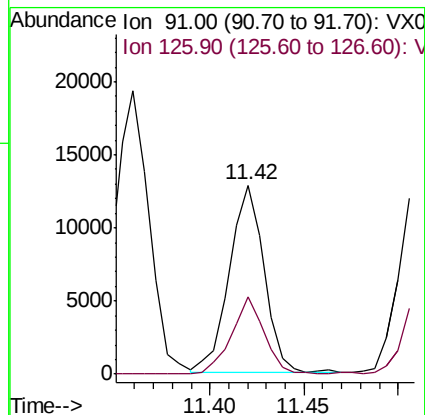
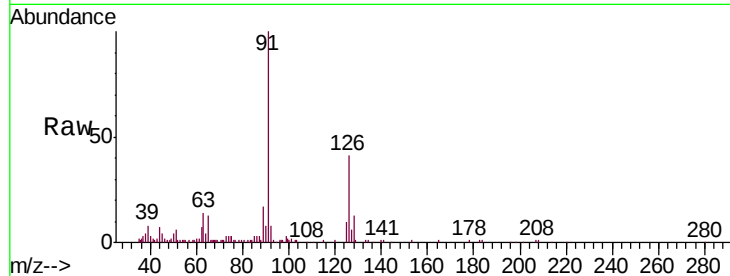
VSTDIC001

Tgt Ion: 91 Resp: 16481

Ion Ratio Lower Upper

91 100

126 39.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 1.071 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007332.D

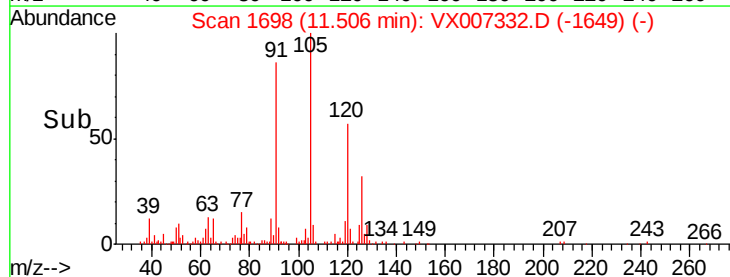
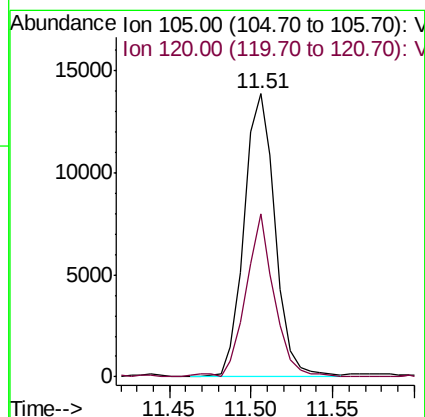
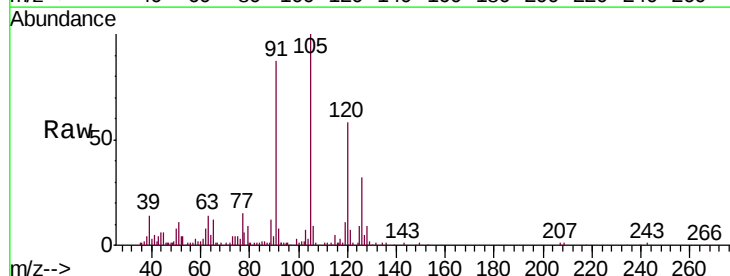
Acq: 01 Feb 2019 12:41

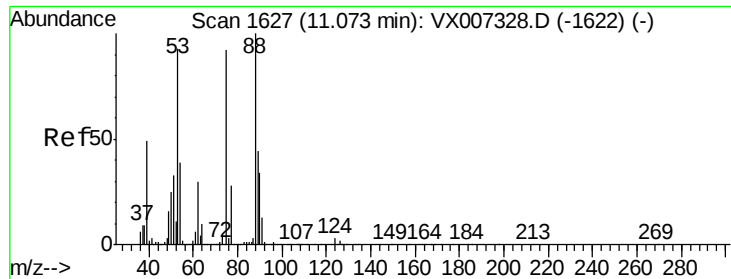
Tgt Ion: 105 Resp: 18383

Ion Ratio Lower Upper

105 100

120 52.9 25.3 75.8

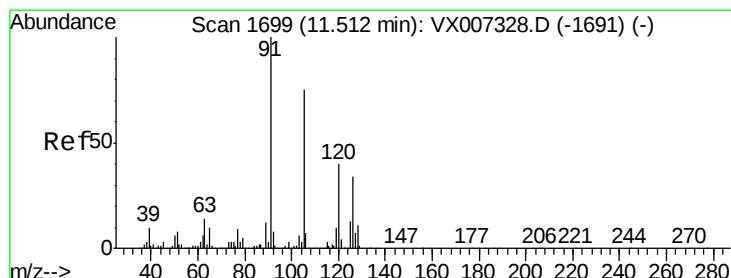
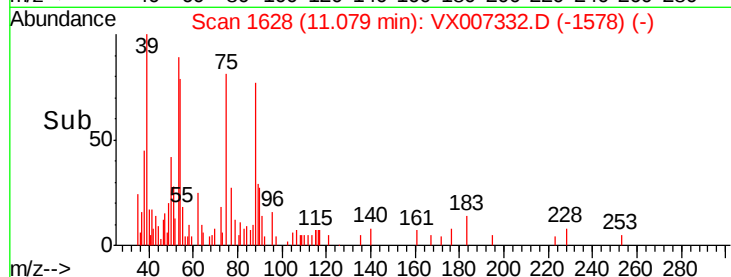
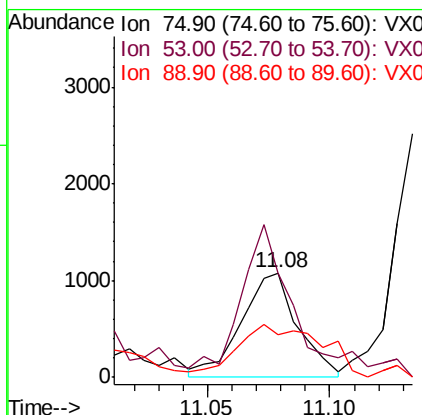
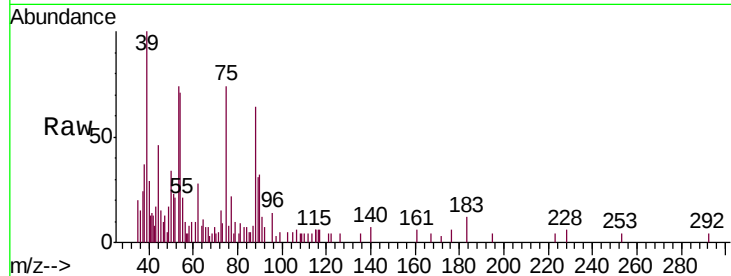




#81
trans-1,4-Dichloro-2-butene
Concen: 1.004 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

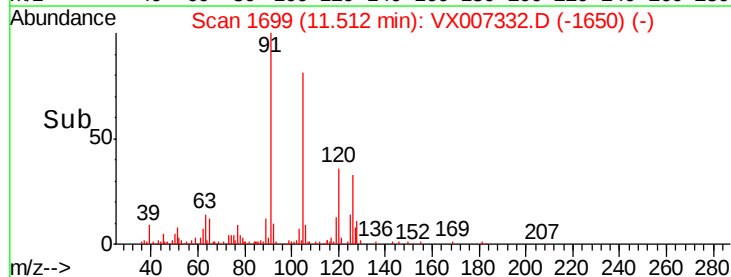
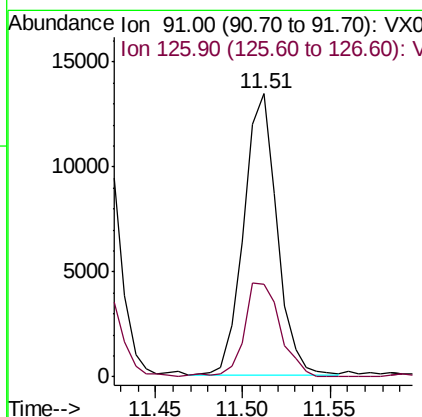
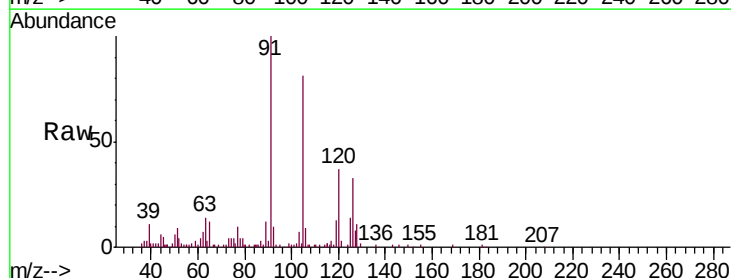
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

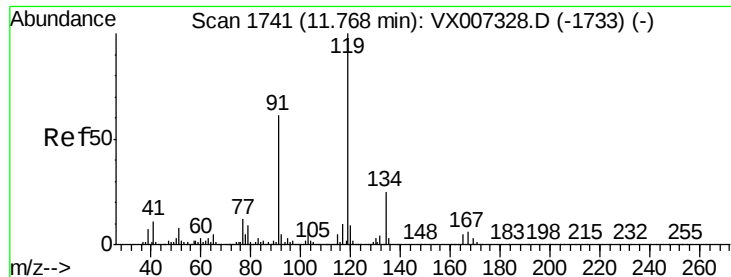
Tgt Ion: 75 Resp: 1737
Ion Ratio Lower Upper
75 100
53 144.6 81.0 121.6#
89 75.1 41.4 62.0#



#82
4-Chlorotoluene
Concen: 1.091 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 91 Resp: 17633
Ion Ratio Lower Upper
91 100
126 36.7 16.2 48.5

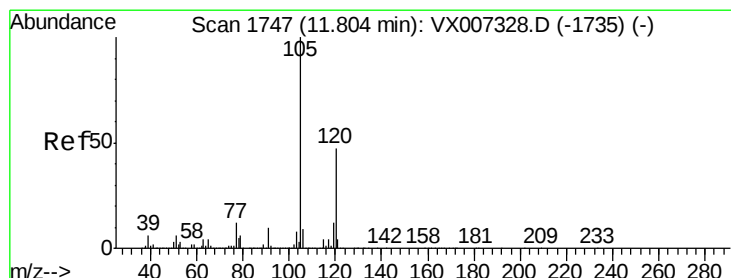
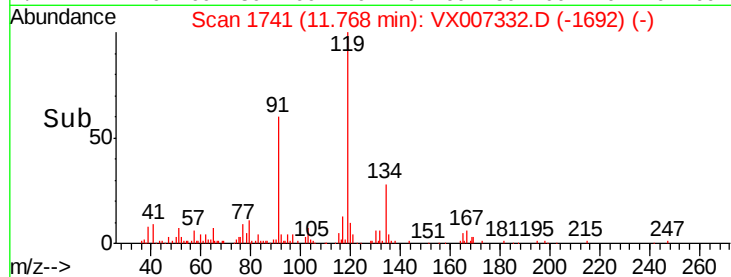
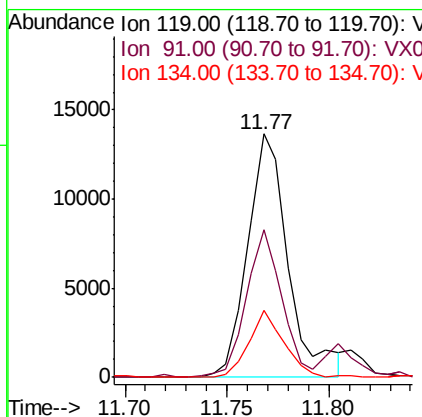
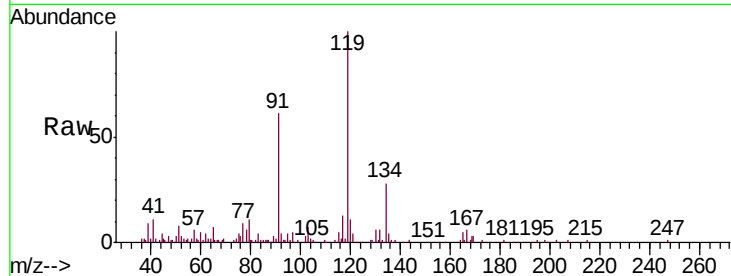




#83
 tert-Butylbenzene
 Concen: 1.113 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

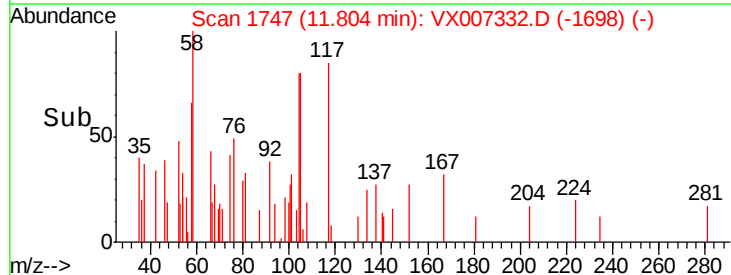
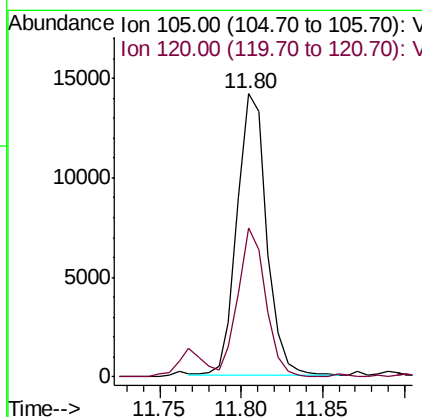
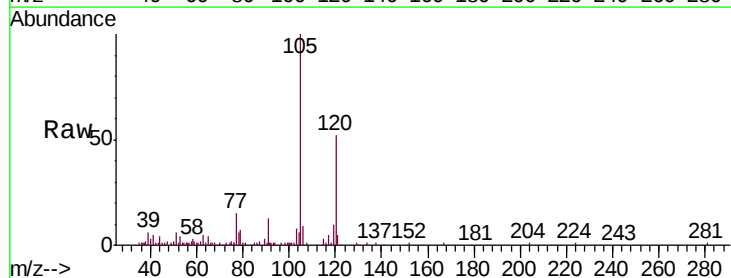
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

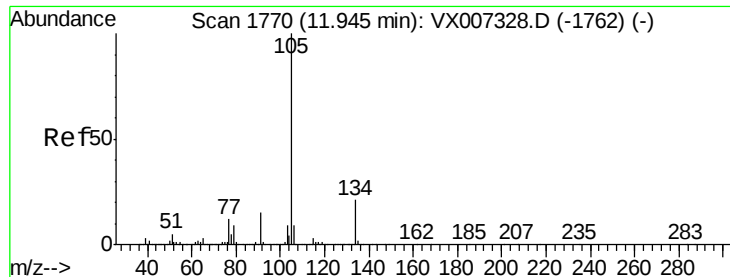
Tgt Ion:119 Resp: 18913
 Ion Ratio Lower Upper
 119 100
 91 53.3 28.5 85.6
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.033 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion:105 Resp: 18010
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 1.006 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

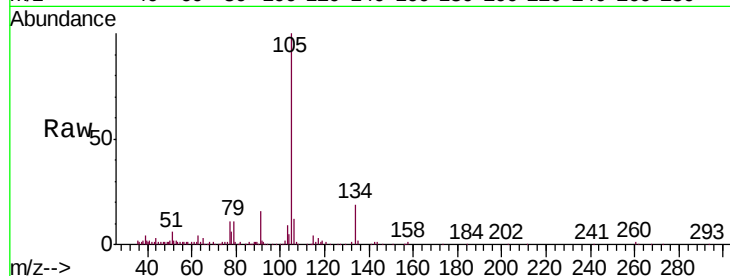
VSTDIC001

Tgt Ion:105 Resp: 20687

Ion Ratio Lower Upper

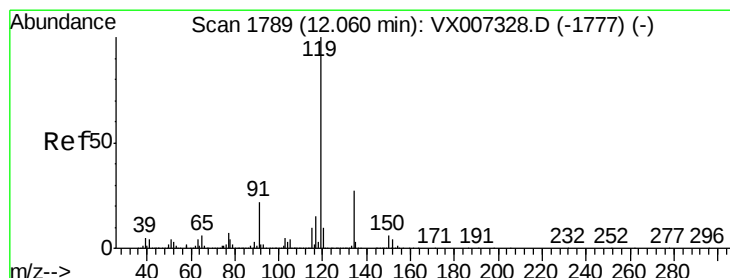
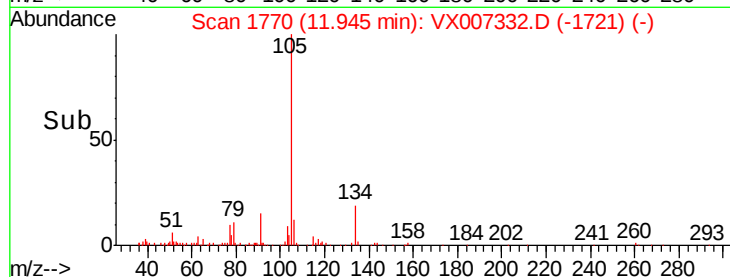
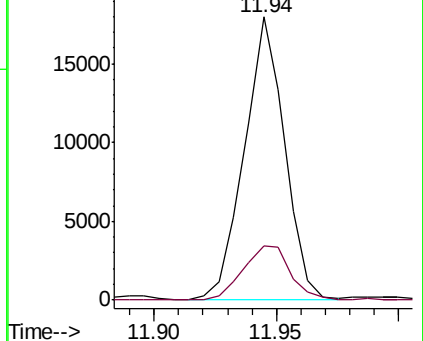
105 100

134 22.3 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: 1.031 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007332.D

Acq: 01 Feb 2019 12:41

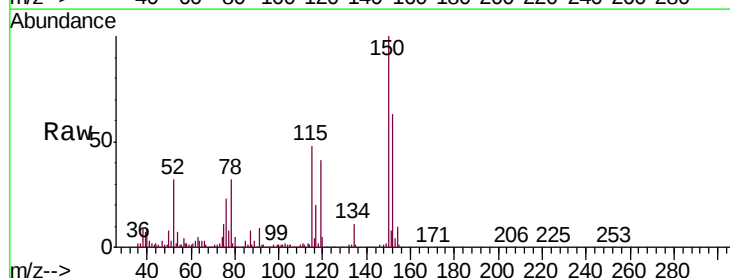
Tgt Ion:119 Resp: 19152

Ion Ratio Lower Upper

119 100

134 30.6 13.7 41.1

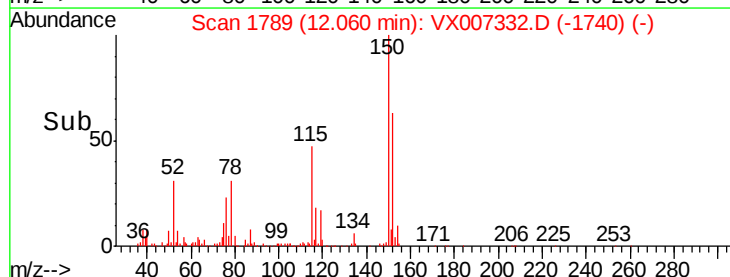
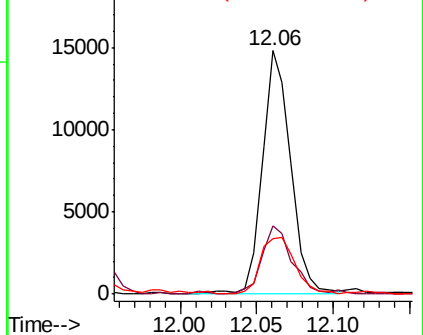
91 29.1 11.2 33.5

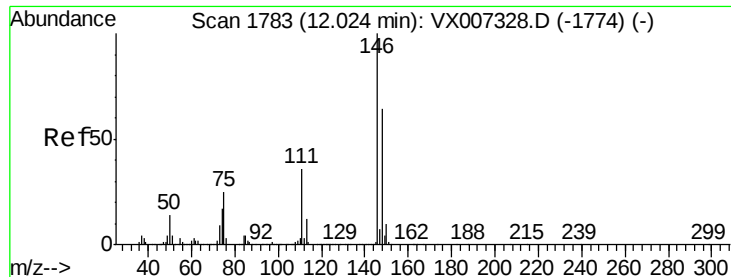


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

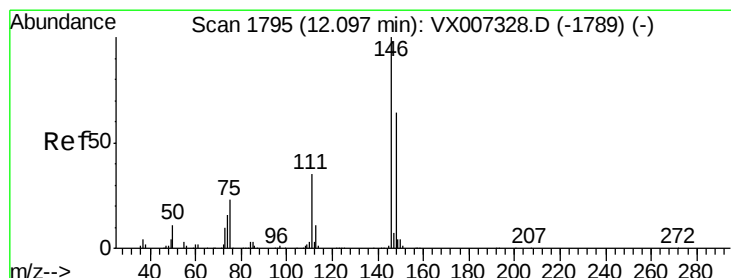
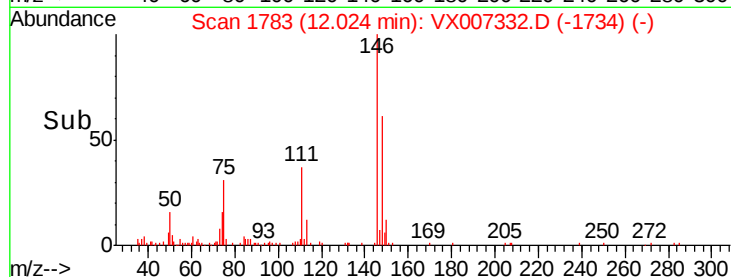
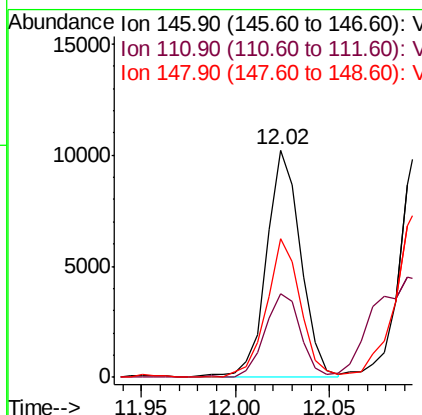
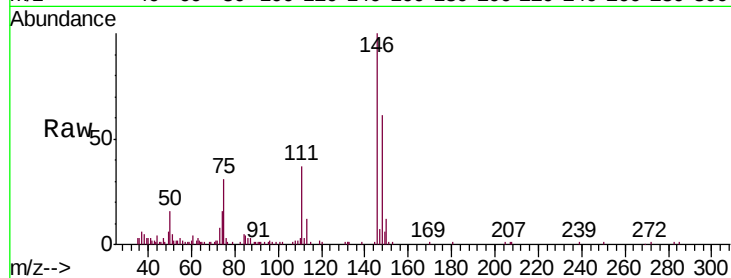




#87
 1,3-Dichlorobenzene
 Concen: 1.216 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

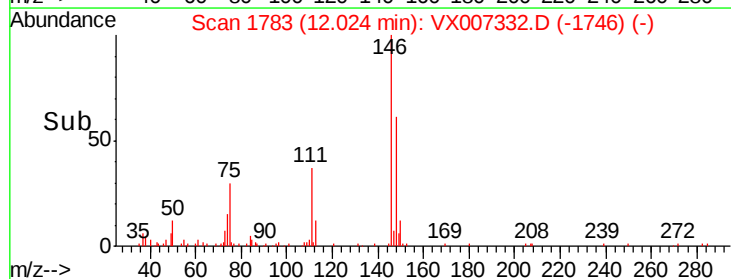
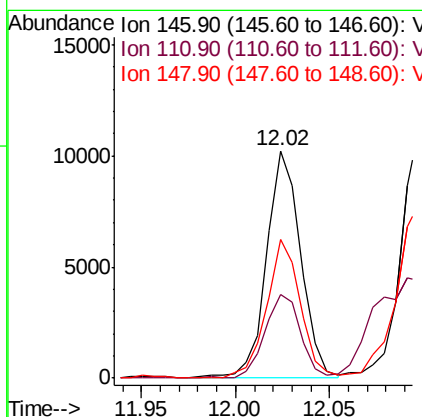
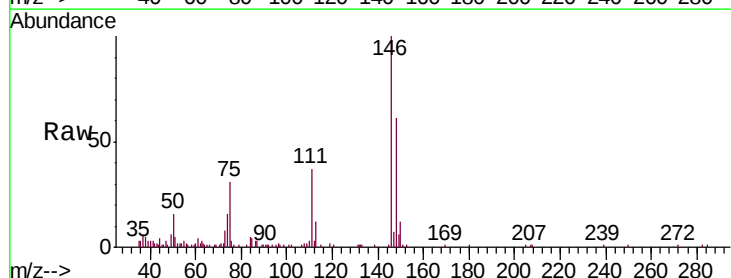
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

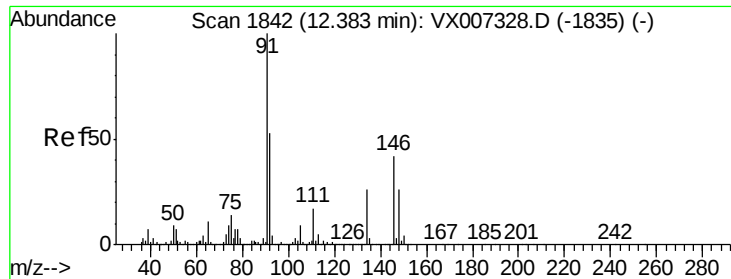
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	60.4	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 1.200 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	60.4	32.3	96.9

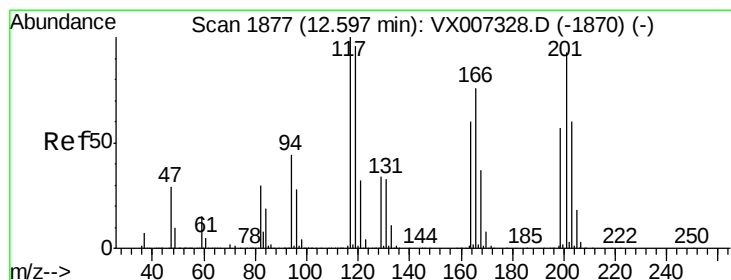
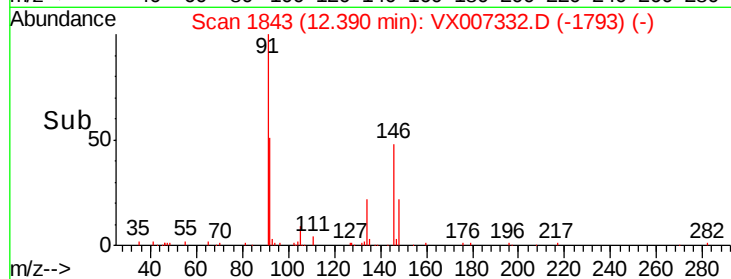
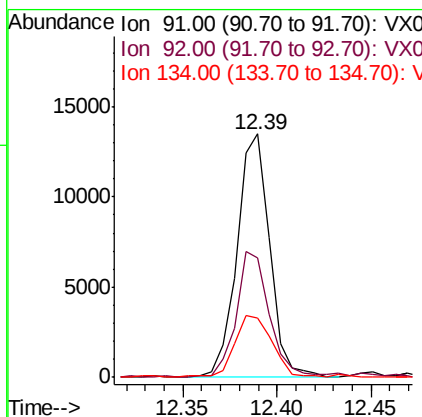
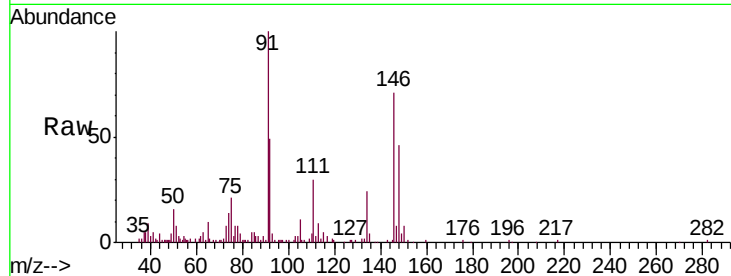




#89
n-Butylbenzene
Concen: 1.017 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

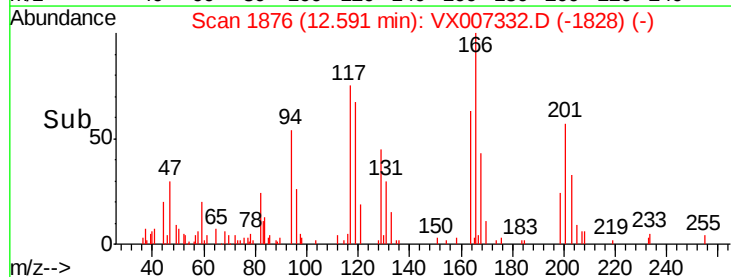
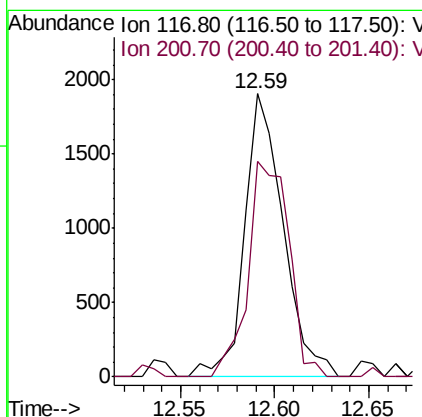
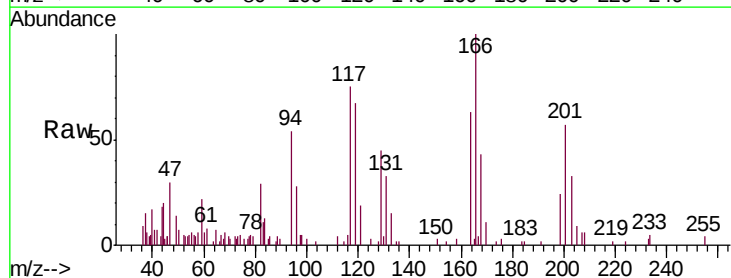
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

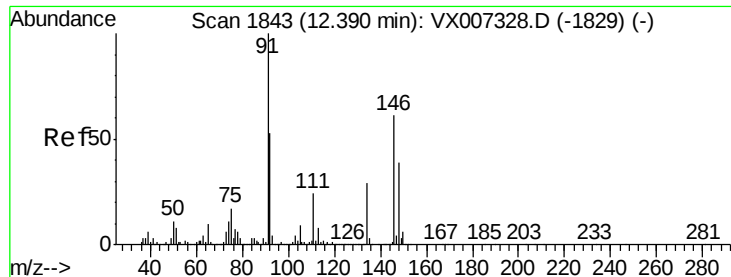
Tgt Ion: 91 Resp: 16238
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 29.3 13.9 41.6



#90
Hexachloroethane
Concen: 0.977 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion: 117 Resp: 2715
Ion Ratio Lower Upper
117 100
201 80.4 44.9 134.7

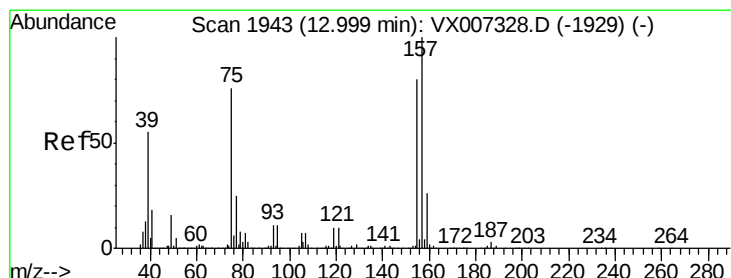
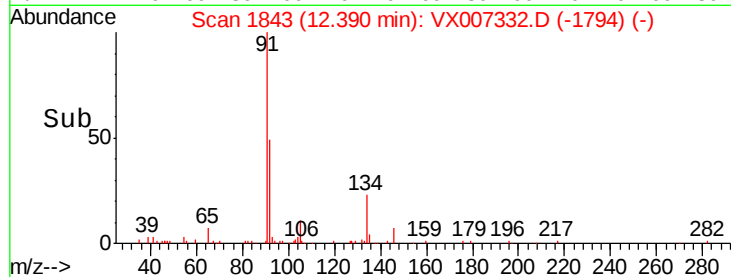
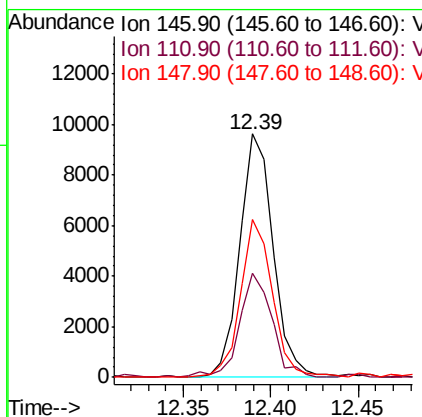
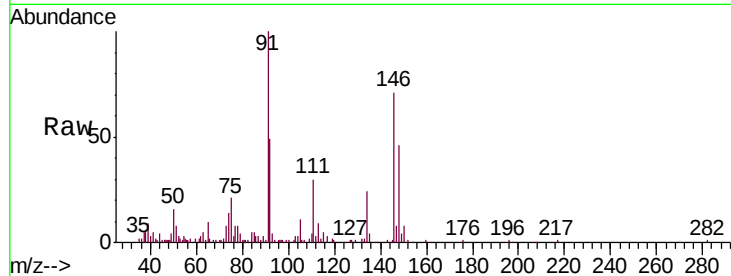




#91
 1,2-Dichlorobenzene
 Concen: 1.216 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

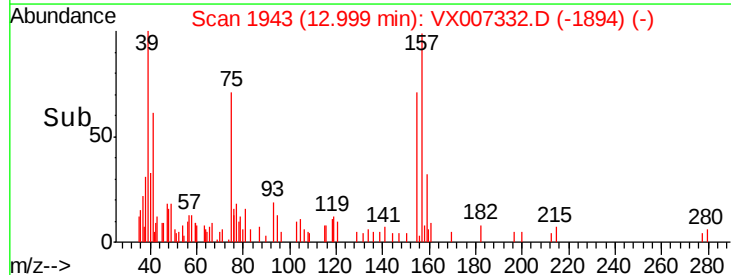
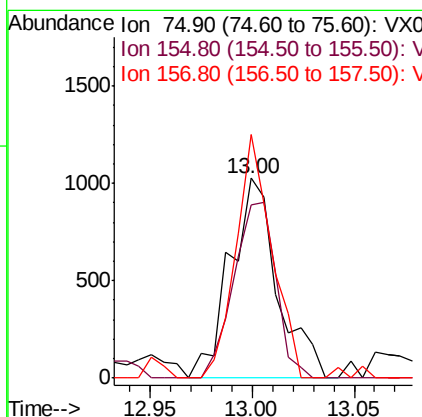
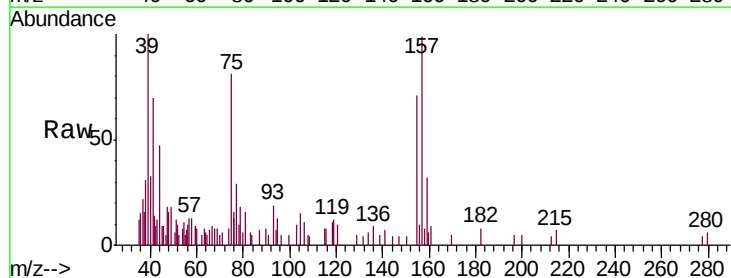
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

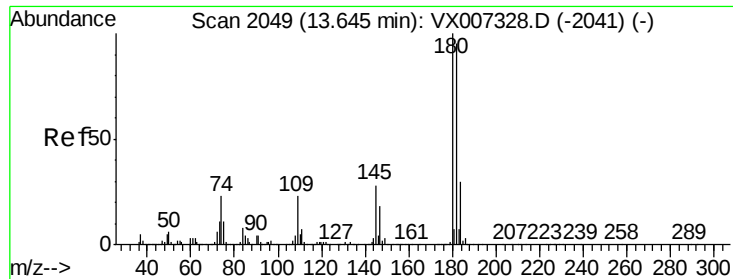
Tgt Ion: 146 Resp: 12837
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.1 57.3
 148 62.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.248 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion: 75 Resp: 1660
 Ion Ratio Lower Upper
 75 100
 155 78.3 49.6 149.0
 157 91.7 65.1 195.3

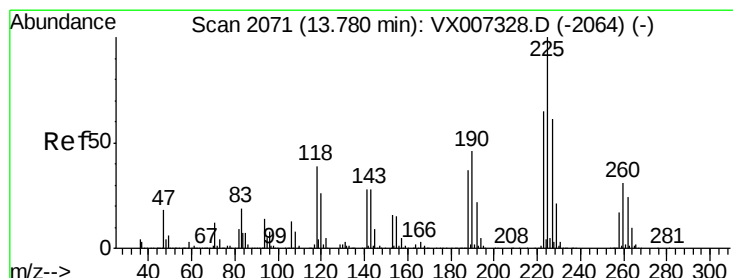
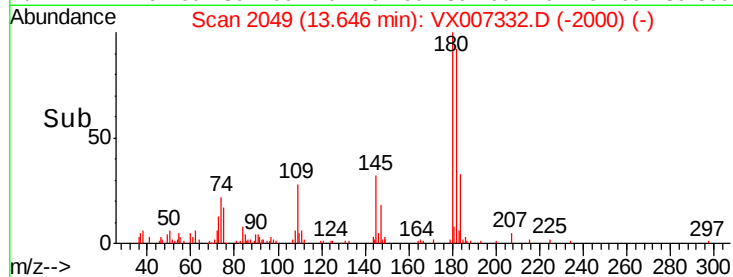
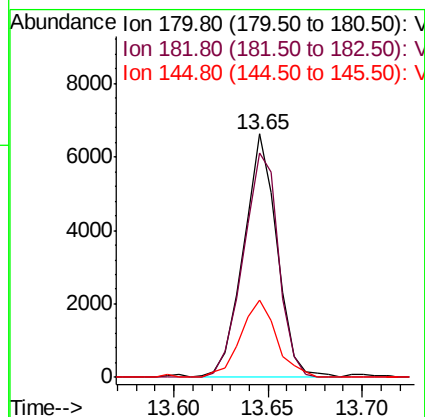
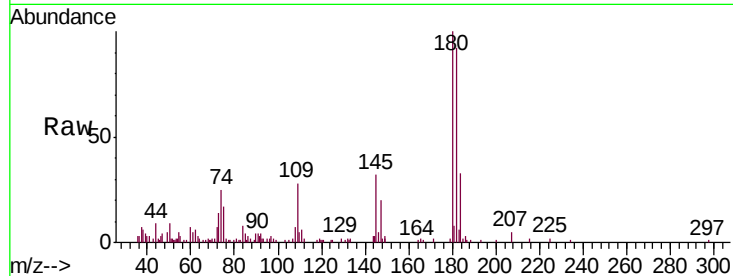




#93
 1,2,4-Trichlorobenzene
 Concen: 1.150 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

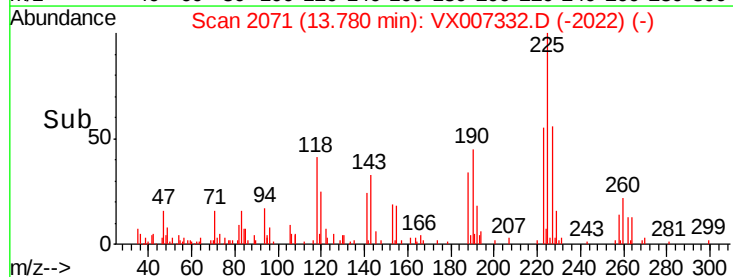
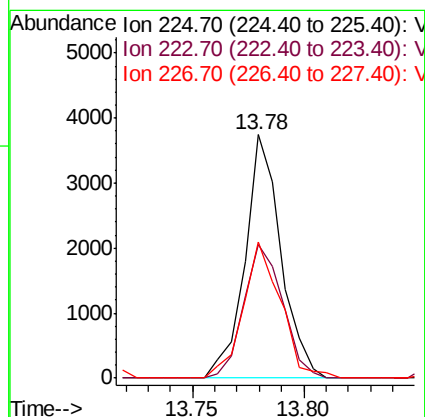
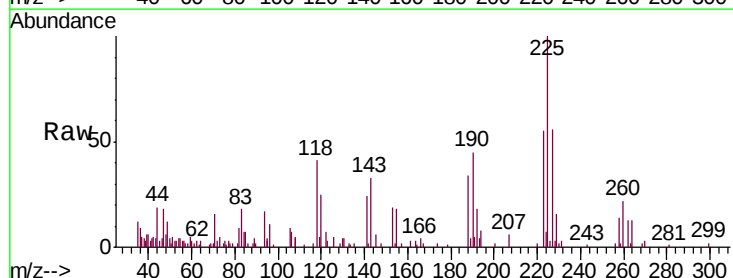
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

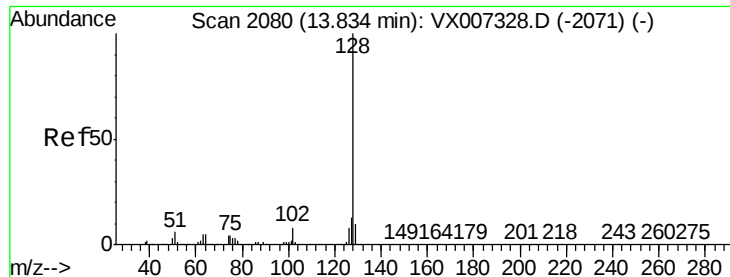
Tgt Ion:180 Resp: 8190
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.8 143.3
 145 33.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 1.221 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007332.D
 Acq: 01 Feb 2019 12:41

Tgt Ion:225 Resp: 4221
 Ion Ratio Lower Upper
 225 100
 223 59.6 31.6 94.8
 227 58.4 32.1 96.3

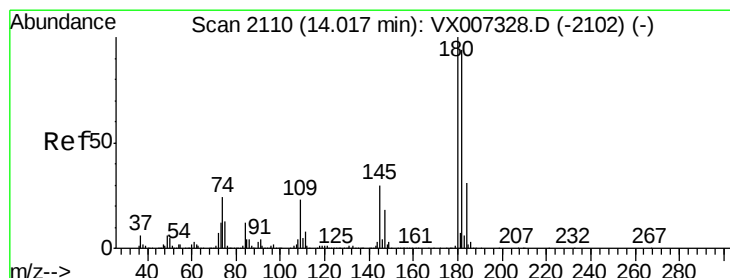
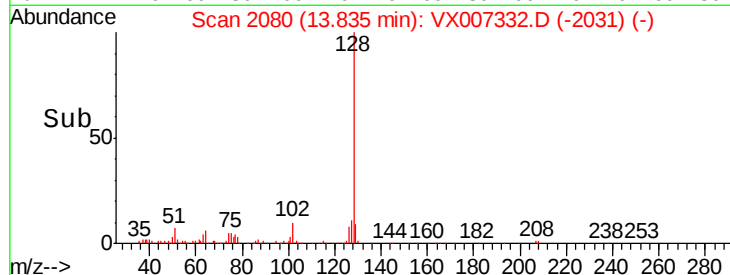
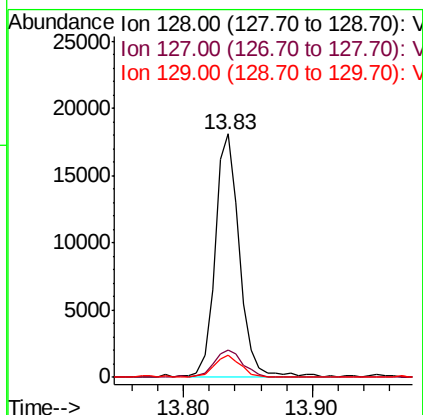
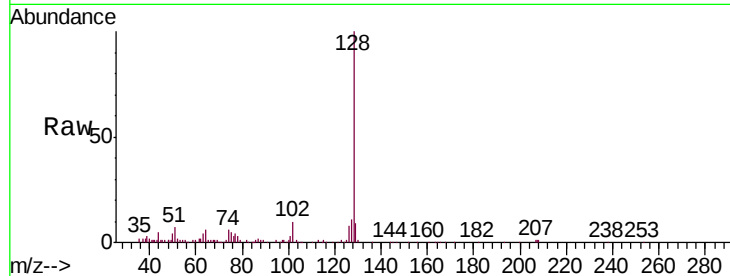




#95
Naphthalene
Concen: 1.152 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 23994
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.207 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007332.D
Acq: 01 Feb 2019 12:41

Tgt Ion:180 Resp: 8651
Ion Ratio Lower Upper
180 100
182 82.3 47.5 142.6
145 28.2 14.9 44.5

