

Data File : VX007328.D
Acq On : 01 Feb 2019 10:55
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Feb 02 00:23:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 00:12:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	481766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	245821	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	223946	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	846435	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	312576	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	302666	56.359	ug/l	100
3) Chloromethane	1.33	50	265349	48.900	ug/l	100
4) Vinyl Chloride	1.41	62	274263	51.519	ug/l	100
5) Bromomethane	1.64	94	268681	44.339	ug/l	100
6) Chloroethane	1.72	64	164224	47.688	ug/l	100
7) Trichlorofluoromethane	1.93	101	407031	48.877	ug/l	100
8) Diethyl Ether	2.19	74	149243	47.614	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	234762	47.392	ug/l	100
10) Methyl Iodide	2.51	142	374008	51.325	ug/l	100
11) Tert butyl alcohol	3.07	59	240829	227.572	ug/l	100
12) 1,1-Dichloroethene	2.37	96	216144	46.989	ug/l	100
13) Acrolein	2.29	56	125590	253.081	ug/l	100
14) Allyl chloride	2.73	41	365839	48.811	ug/l	100
15) Acrylonitrile	3.15	53	597862	228.374	ug/l	100
16) Acetone	2.45	43	544610	232.502	ug/l	100
17) Carbon Disulfide	2.57	76	565284	46.573	ug/l	100
18) Methyl Acetate	2.78	43	293812	44.332	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	694574	46.608	ug/l	100
20) Methylene Chloride	2.86	84	235966	44.562	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	228292	46.590	ug/l	100
22) Diisopropyl ether	3.87	45	660086	47.879	ug/l	100
23) Vinyl Acetate	3.82	43	2817060	246.239	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378289	47.780	ug/l	100
25) 2-Butanone	4.69	43	772528	231.747	ug/l	100
26) 2,2-Dichloropropane	4.58	77	298429	49.495	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	247497	46.243	ug/l	100
28) Bromochloromethane	5.02	49	180845	49.671	ug/l	100
29) Tetrahydrofuran	5.15	42	494625	235.924	ug/l	100
30) Chloroform	5.21	83	393610	47.644	ug/l	100
31) Cyclohexane	5.57	56	342289	48.137	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	344244	49.364	ug/l	100
36) 1,1-Dichloropropene	5.80	75	296308	46.590	ug/l	100
37) Ethyl Acetate	4.85	43	293720	45.687	ug/l	100
38) Carbon Tetrachloride	5.78	117	307801	49.886	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371816	48.321	ug/l	100
40) Benzene	6.14	78	885232	47.252	ug/l	100
41) Methacrylonitrile	5.06	41	165474	47.097	ug/l	100
42) 1,2-Dichloroethane	6.20	62	302215	46.624	ug/l	100
43) Isopropyl Acetate	6.45	43	479824	48.353	ug/l	100
44) Trichloroethene	7.21	130	267773	47.458	ug/l	100
45) 1,2-Dichloropropane	7.51	63	223279	47.568	ug/l	100
46) Dibromomethane	7.66	93	156146	45.770	ug/l	100
47) Bromodichloromethane	7.90	83	280923	48.587	ug/l	100
48) Methyl methacrylate	7.77	41	247990	49.962	ug/l	100
49) 1,4-Dioxane	7.75	88	106411	861.419	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1592867	243.836	ug/l	100
52) Toluene	8.78	92	581541	48.113	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	319984	51.523	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	349374	51.155	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	234697	46.581	ug/l	100
56) Ethyl methacrylate	9.18	69	346337	49.631	ug/l	100
57) 1,3-Dichloropropane	9.37	76	379163	47.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	924336	251.306	ug/l	100
59) 2-Hexanone	9.49	43	1212334	238.488	ug/l	100
60) Dibromochloromethane	9.58	129	251523	52.784	ug/l	100
61) 1,2-Dibromoethane	9.67	107	257567	48.272	ug/l	100
64) Tetrachloroethene	9.34	164	288811	46.272	ug/l	100
65) Chlorobenzene	10.14	112	674162	46.652	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	239661	49.466	ug/l	100
67) Ethyl Benzene	10.25	91	1117018	47.999	ug/l	100
68) m/p-Xylenes	10.36	106	899282	97.212	ug/l	100
69) o-Xylene	10.69	106	435335	48.906	ug/l	100
70) Styrene	10.71	104	711909	49.314	ug/l	100
71) Bromoform	10.86	173	193870	51.717	ug/l #	100
73) Isopropylbenzene	11.02	105	1149592	47.106	ug/l	100
74) N-amyl acetate	10.90	43	450007	47.673	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	338146	45.465	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	402308	55.255	ug/l	80
77) Bromobenzene	11.26	156	318445	46.312	ug/l	100
78) n-propylbenzene	11.36	91	1306367	48.816	ug/l	100
79) 2-Chlorotoluene	11.42	91	762387	46.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	963744	48.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101586	50.491	ug/l	100
82) 4-Chlorotoluene	11.51	91	909457	48.403	ug/l	100
83) tert-Butylbenzene	11.77	119	939700	47.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	988897	48.786	ug/l	100
85) sec-Butylbenzene	11.94	105	1181381	49.379	ug/l	100
86) p-Isopropyltoluene	12.06	119	1063705	49.253	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	571588	46.319	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	571042	45.643	ug/l	100
89) n-Butylbenzene	12.38	91	915433	49.274	ug/l	100
90) Hexachloroethane	12.60	117	162399	50.243	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	559490	45.558	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71418	46.181	ug/l	100

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

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	392853	47.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	185443	46.112	ug/l	100
95) Naphthalene	13.83	128	1151587	47.548	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	386417	46.351	ug/l	100

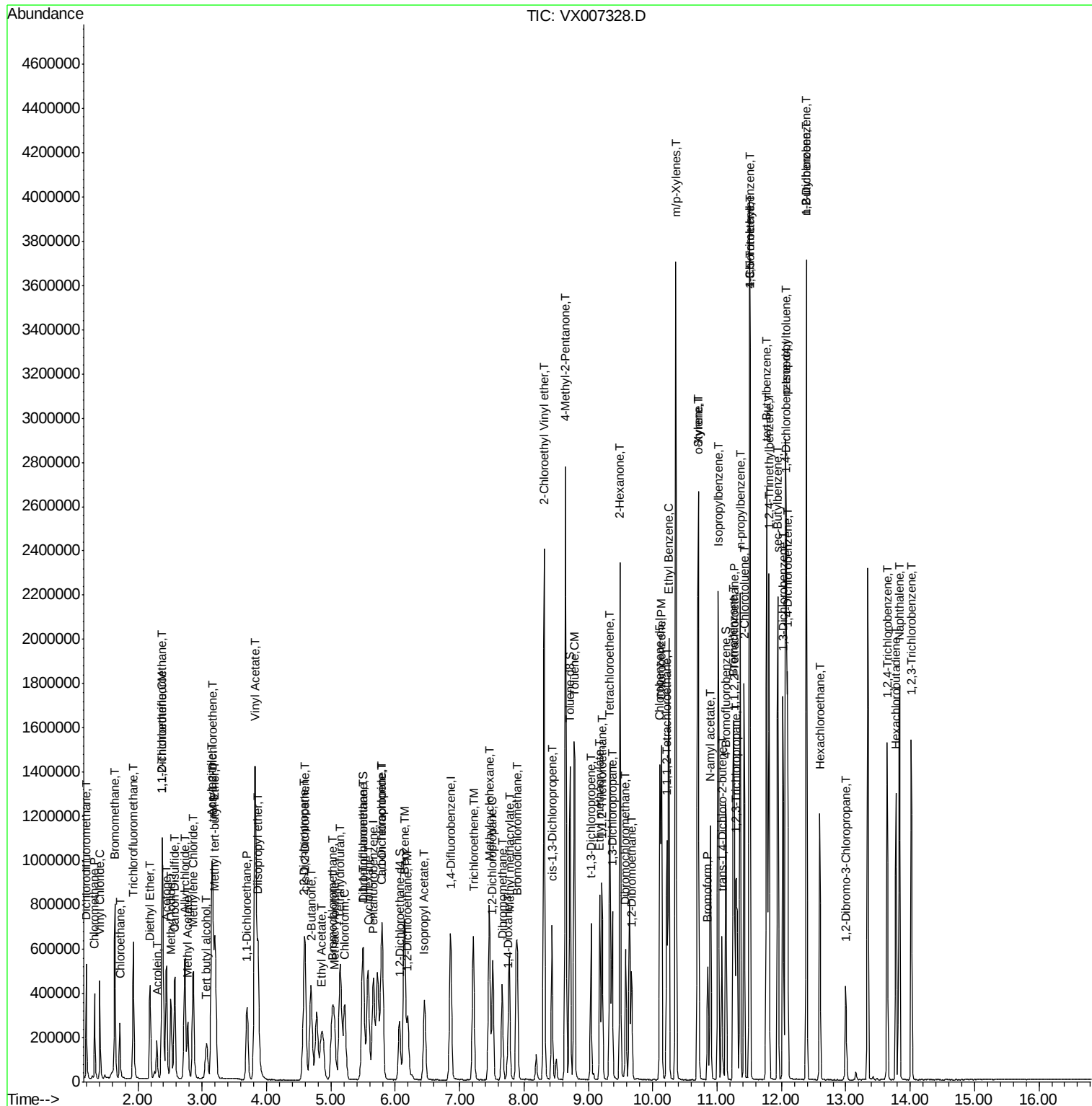
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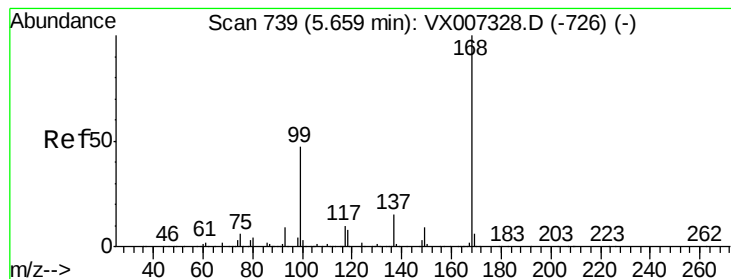
Data File : VX007328.D

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

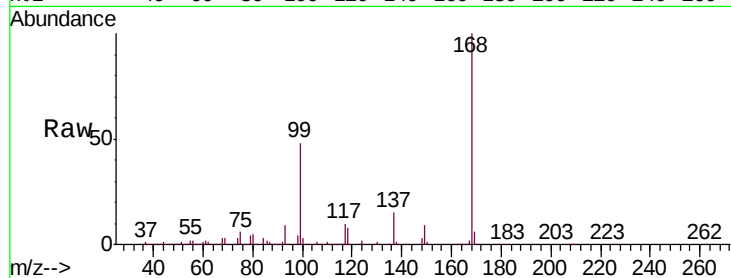
VSTDICCC050

Tgt Ion:168 Resp: 481766

Ion Ratio Lower Upper

168 100

99 47.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX007328.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX007328.D (-726) (-)

5.66

150000

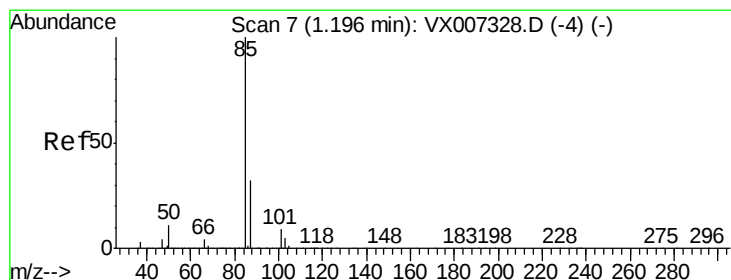
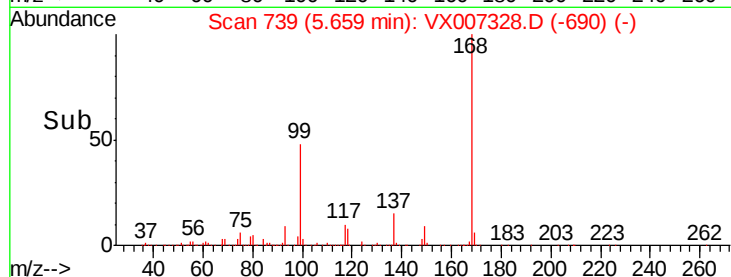
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.359 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007328.D

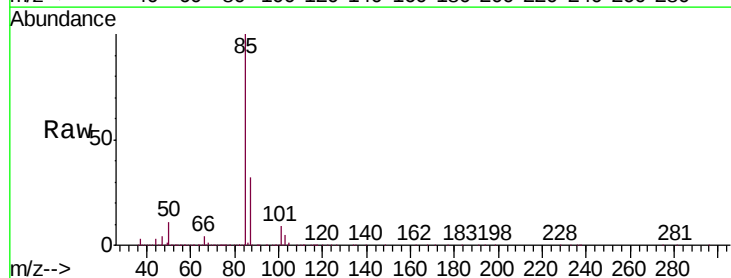
Acq: 01 Feb 2019 10:55

Tgt Ion: 85 Resp: 302666

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX007328.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VX007328.D (-4) (-)

1.20

300000

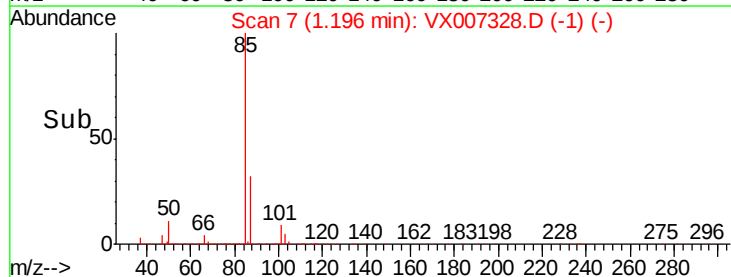
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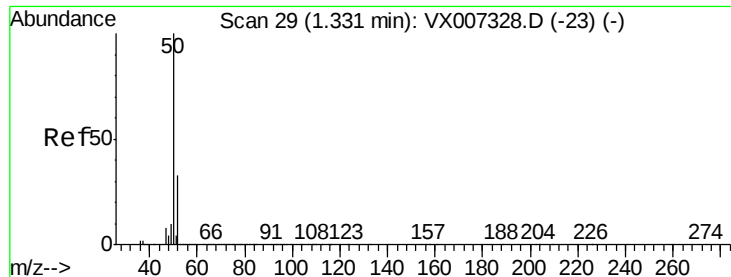
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Time-->

1.15 1.20 1.25 1.30

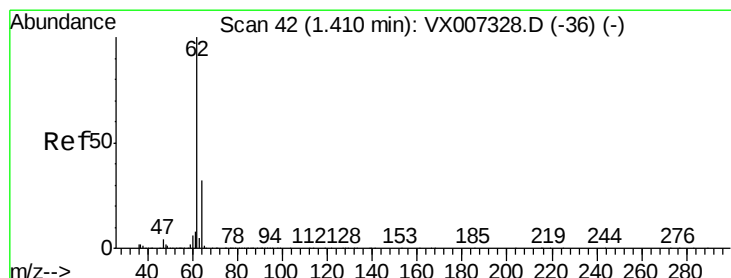
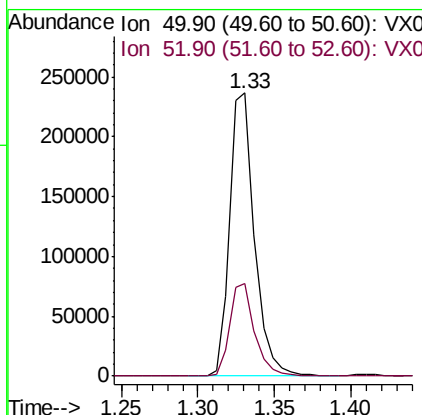
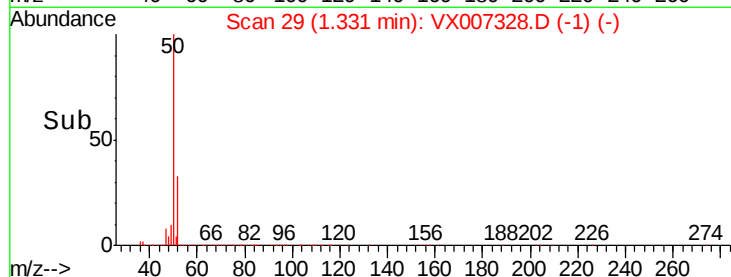
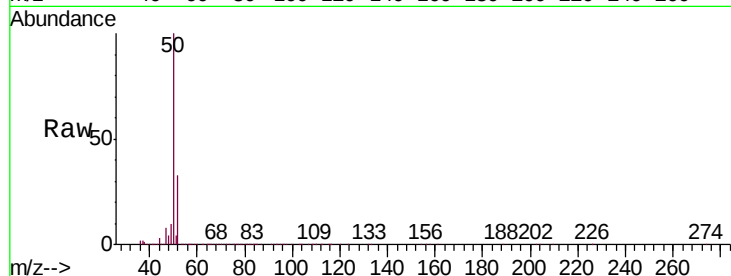




#3
Chloromethane
Concen: 48.900 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

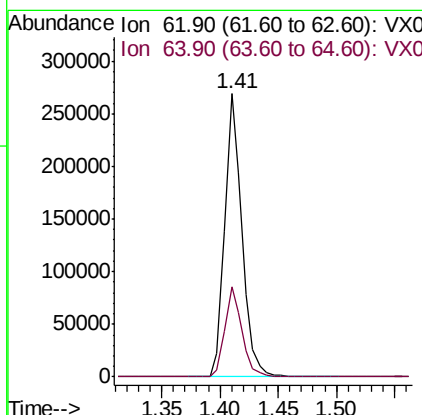
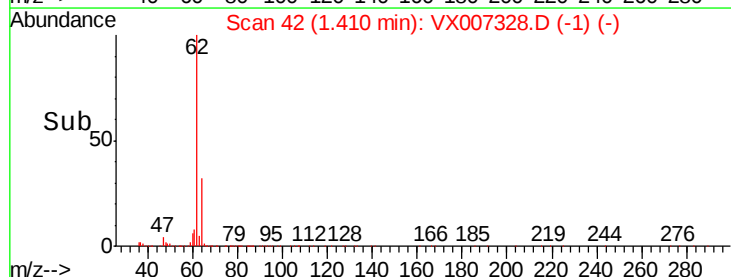
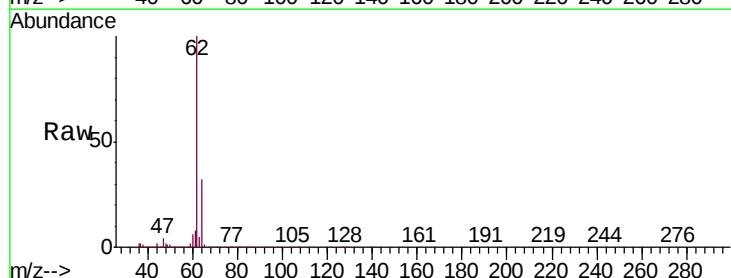
Instrument :
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ClientSampleId :
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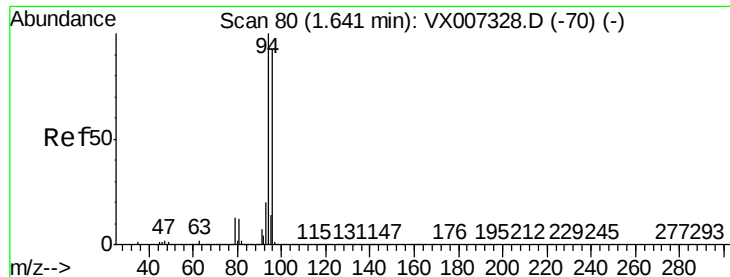
Tgt Ion: 50 Resp: 265349
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 51.519 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 62 Resp: 274263
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

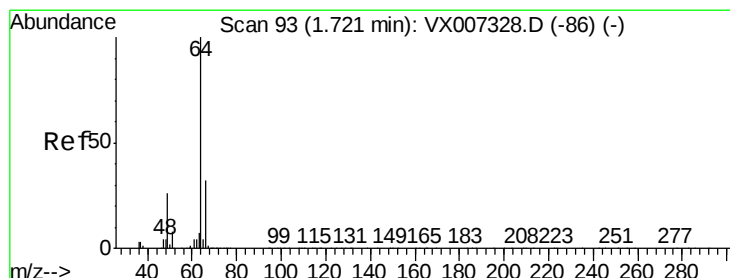
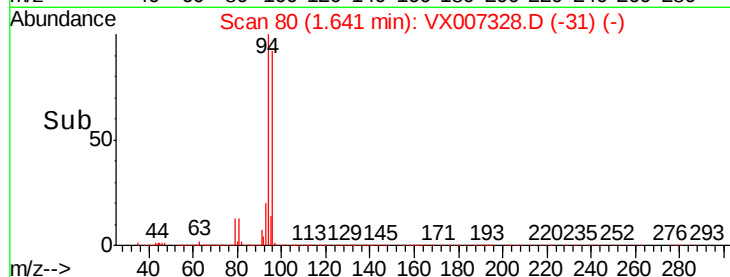
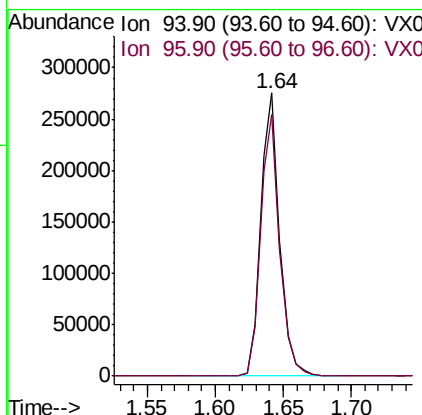
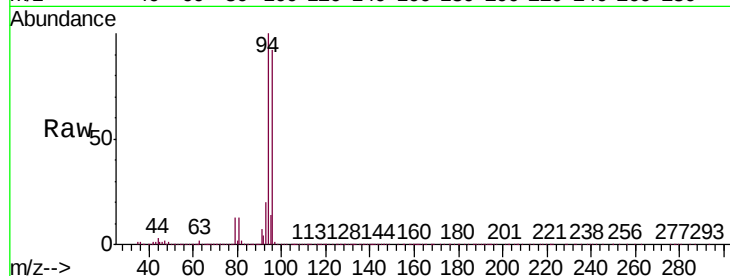




#5
Bromomethane
Concen: 44.339 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

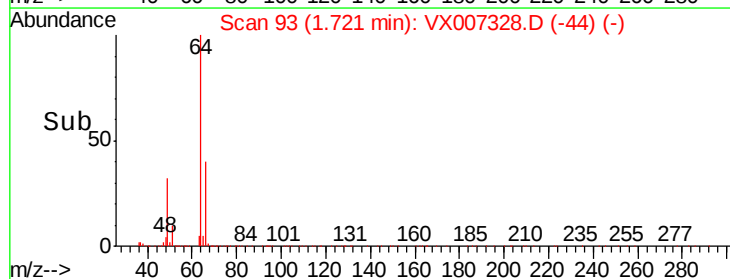
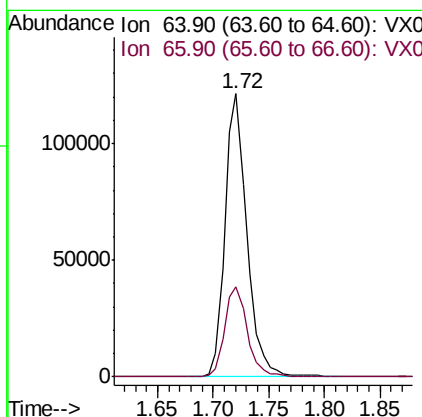
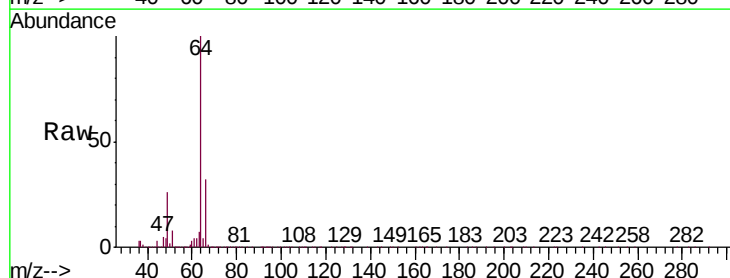
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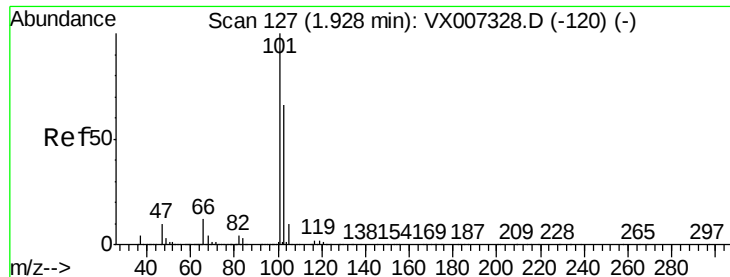
Tgt Ion: 94 Resp: 268681
Ion Ratio Lower Upper
94 100
96 92.4 73.9 110.9



#6
Chloroethane
Concen: 47.688 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 64 Resp: 164224
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3



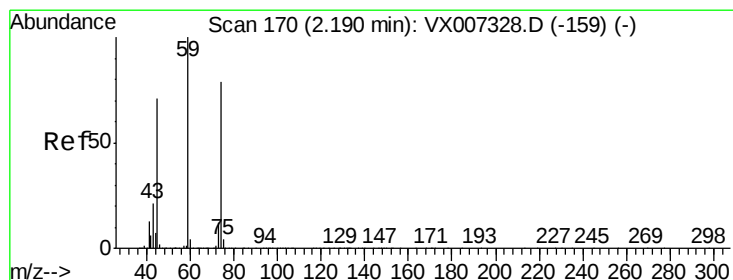
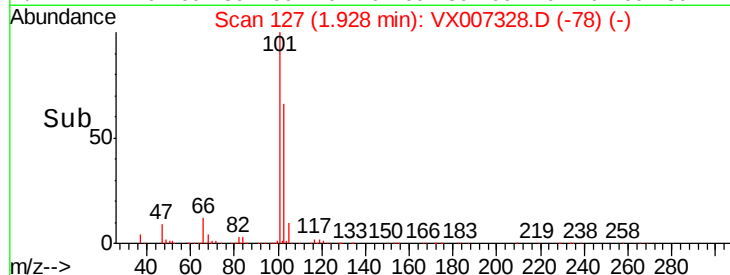
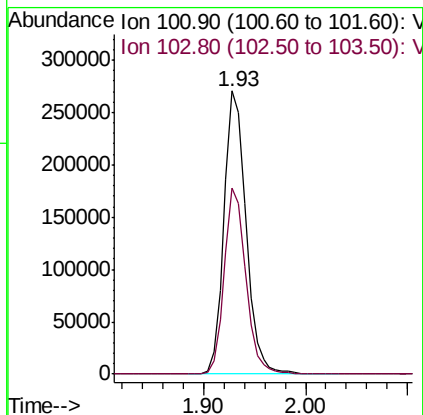
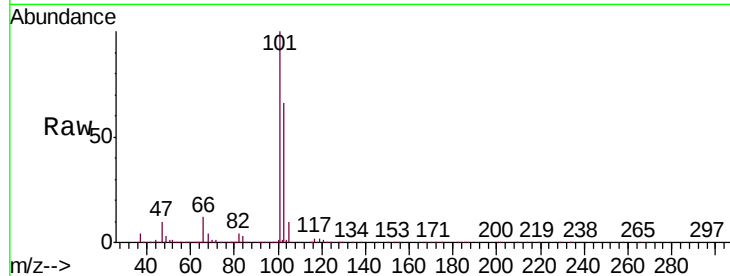


#7

Trichlorofluoromethane
Concen: 48.877 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
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ClientSampleId :
VSTDICCC050

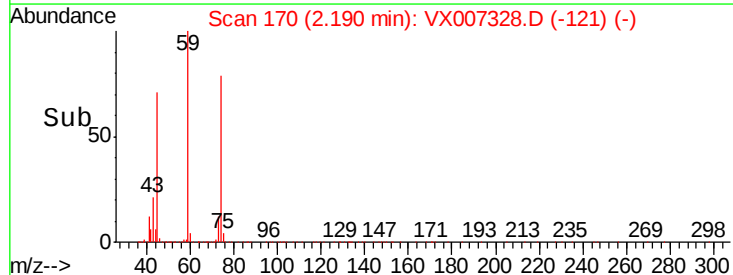
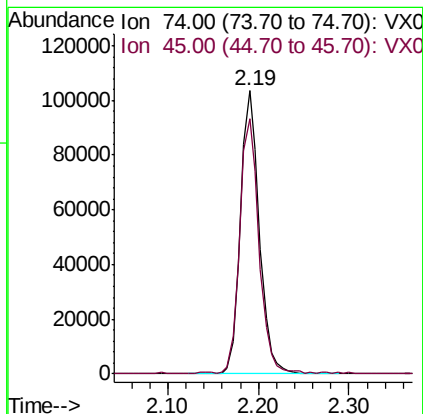
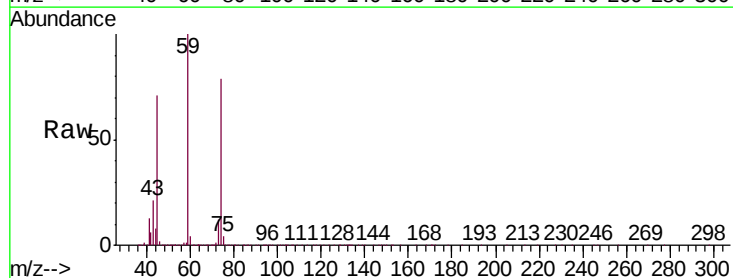
Tgt Ion:101 Resp: 407031
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

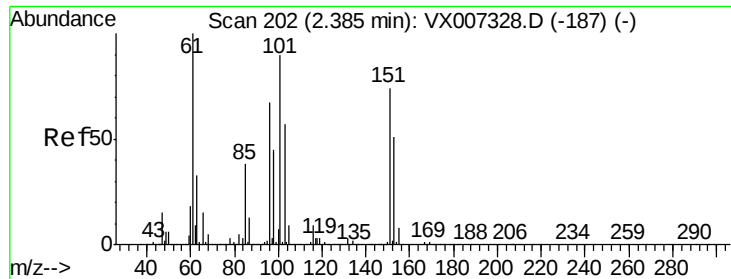


#8

Diethyl Ether
Concen: 47.614 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 74 Resp: 149243
Ion Ratio Lower Upper
74 100
45 91.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.392 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

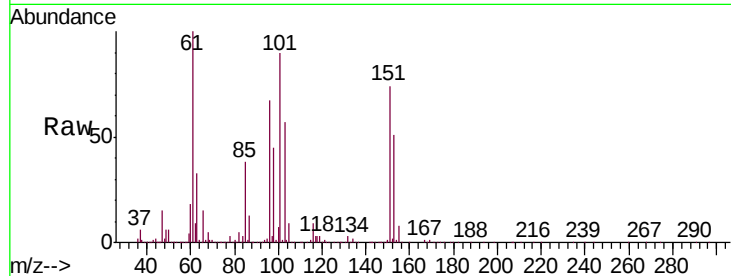
Tgt Ion:101 Resp: 234762

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

151 87.4 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

150000

100000

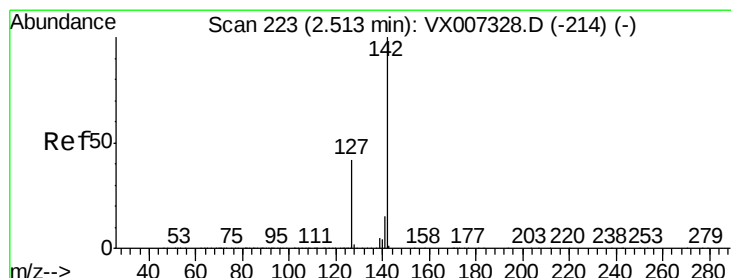
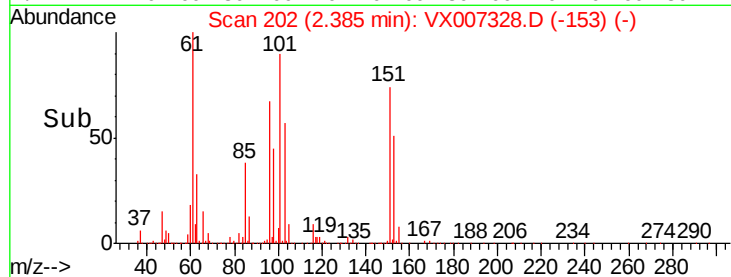
50000

0

2.39

2.20 2.30 2.40 2.50

Time-->



#10

Methyl Iodide

Concen: 51.325 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

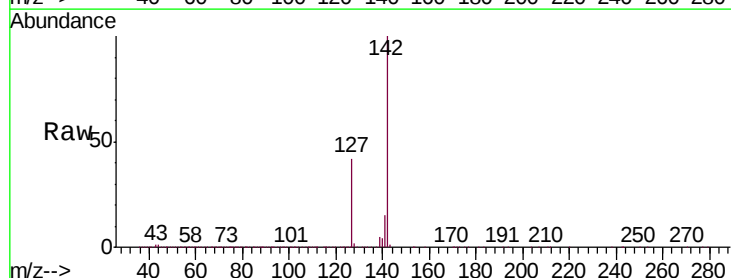
Tgt Ion:142 Resp: 374008

Ion Ratio Lower Upper

142 100

127 42.1 33.7 50.5

141 14.1 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

250000

200000

150000

100000

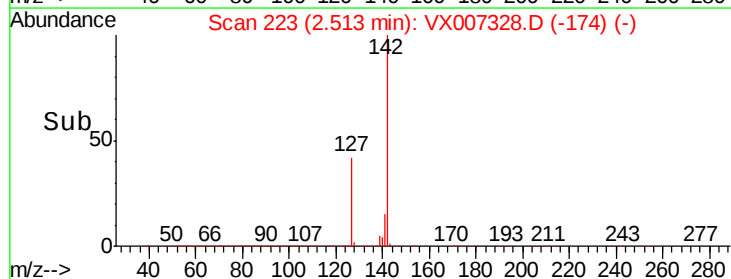
50000

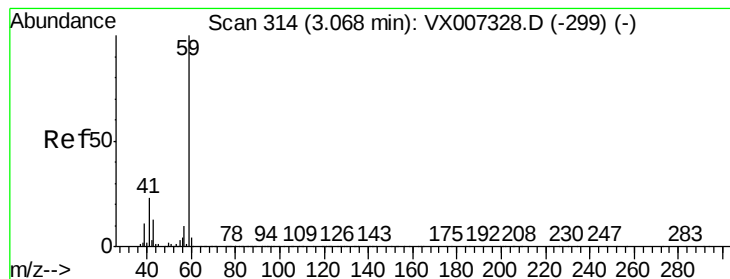
0

2.51

2.40 2.50 2.60

Time-->



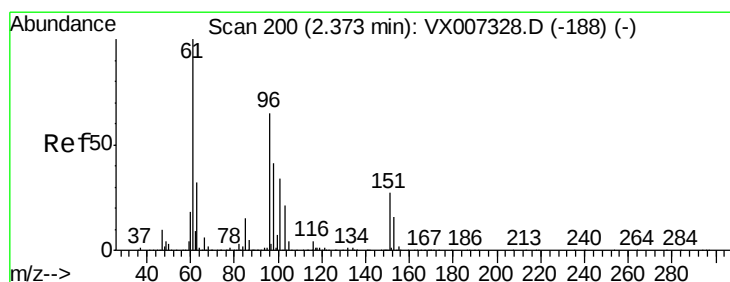
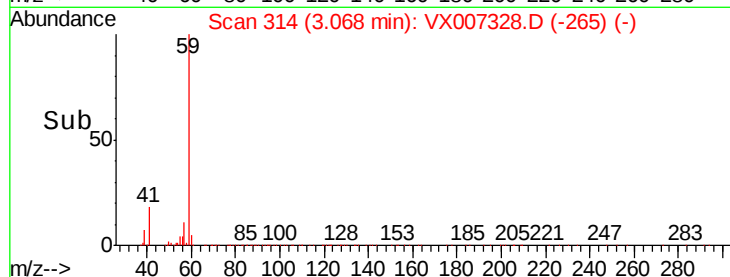
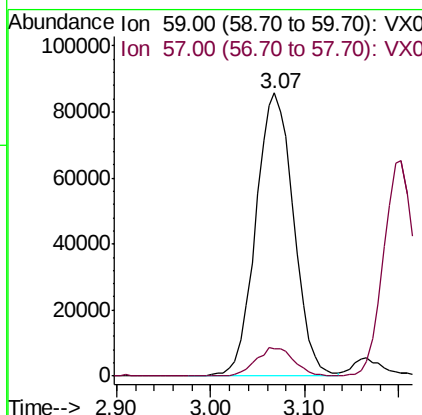
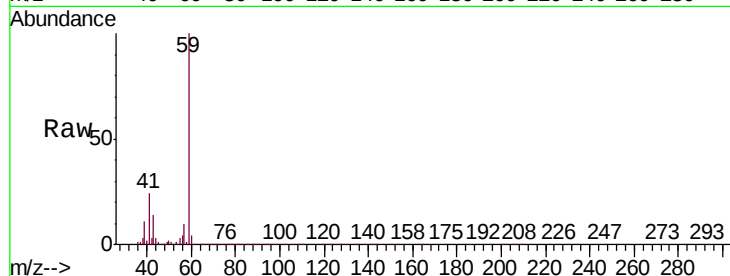


#11

Tert butyl alcohol
Concen: 227.572 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

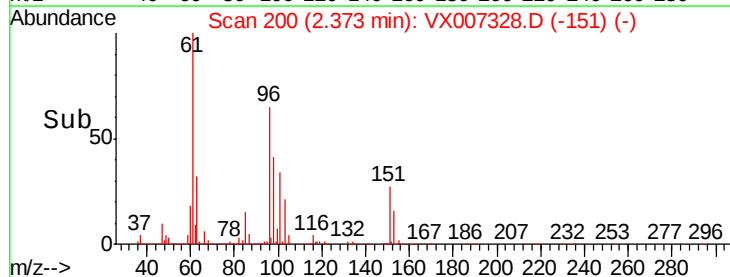
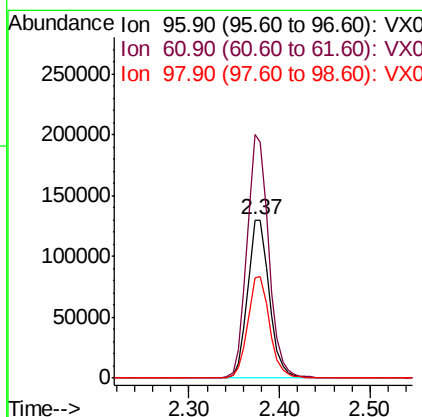
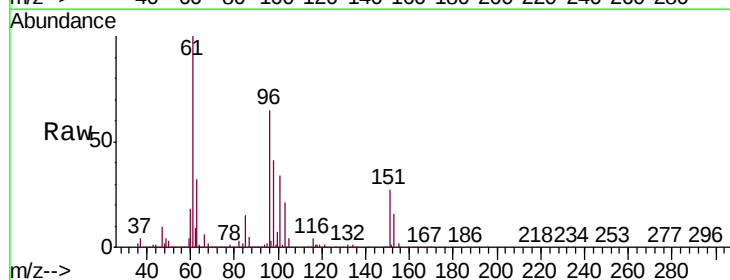
Tgt Ion: 59 Resp: 240829
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

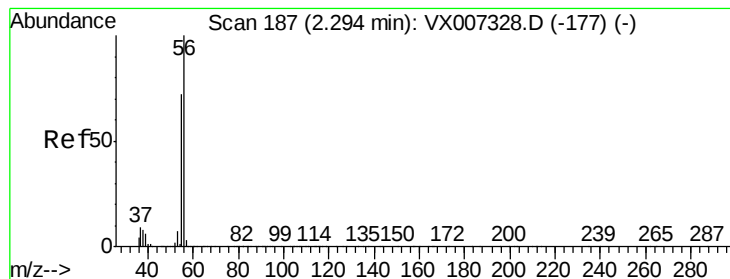


#12

1,1-Dichloroethene
Concen: 46.989 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 96 Resp: 216144
Ion Ratio Lower Upper
96 100
61 153.7 123.0 184.4
98 63.6 50.9 76.3





#13

Acrolein

Concen: 253.081 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

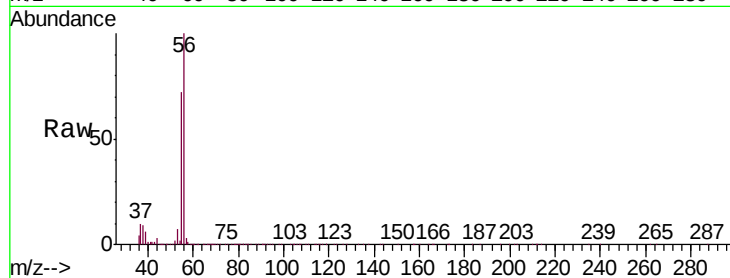
VSTDICCC050

Tgt Ion: 56 Resp: 125590

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

40000

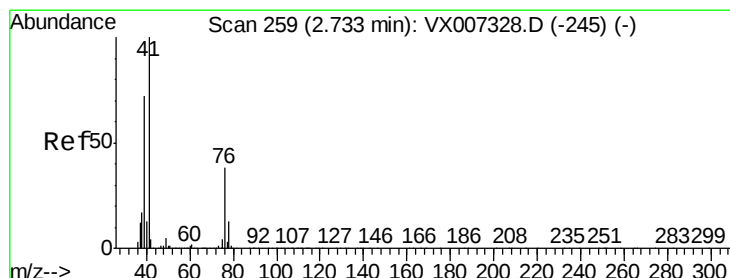
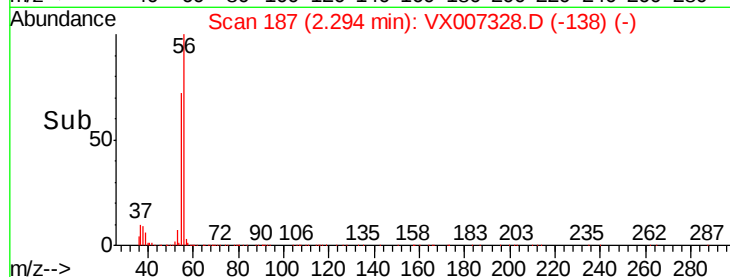
20000

0

2.29

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 48.811 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

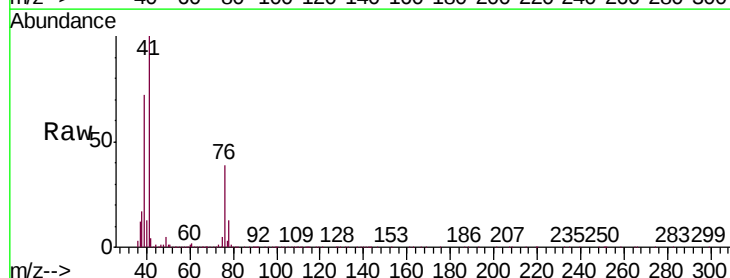
Tgt Ion: 41 Resp: 365839

Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

76 34.8 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

200000

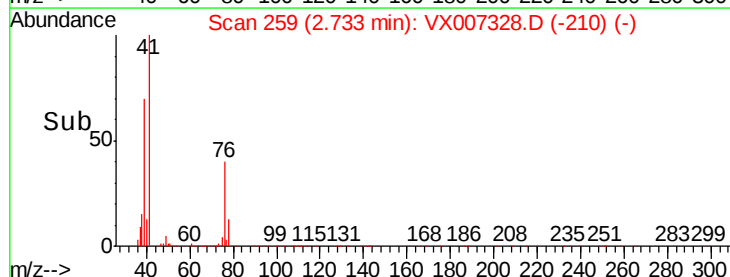
100000

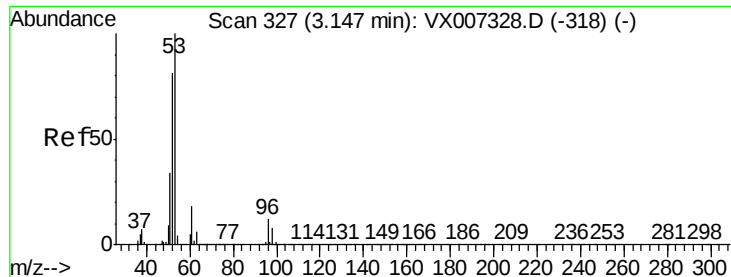
0

2.73

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 228.374 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

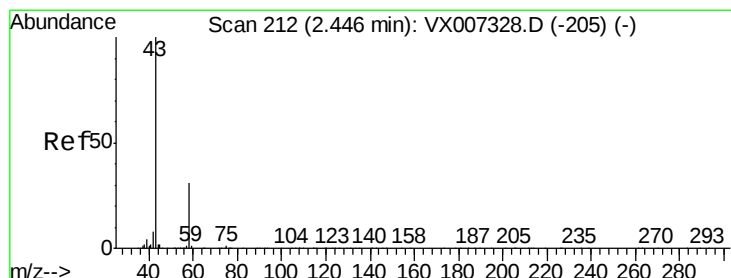
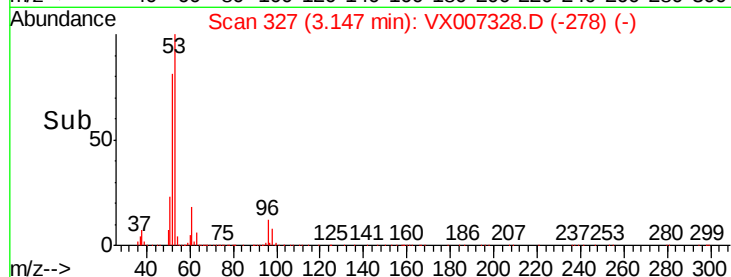
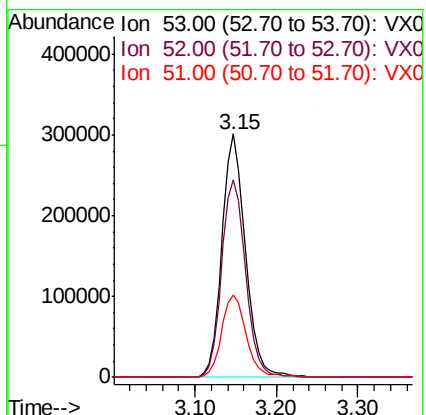
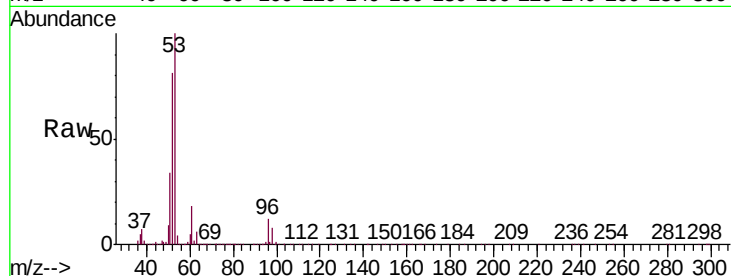
Tgt Ion: 53 Resp: 597862

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 35.5 28.4 42.6



#16

Acetone

Concen: 232.502 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007328.D

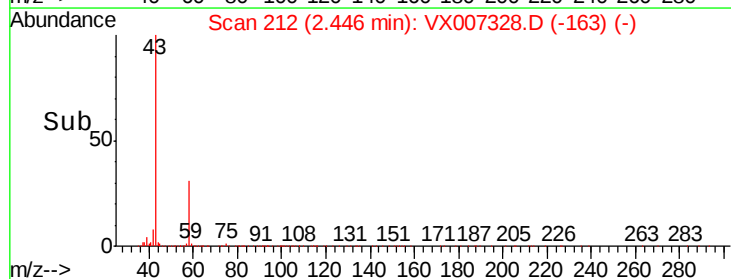
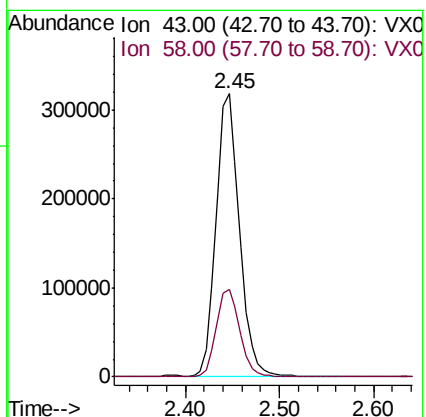
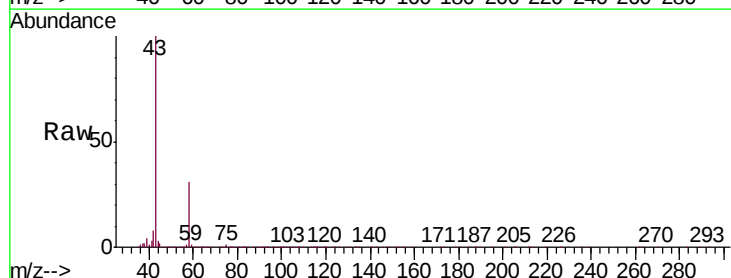
Acq: 01 Feb 2019 10:55

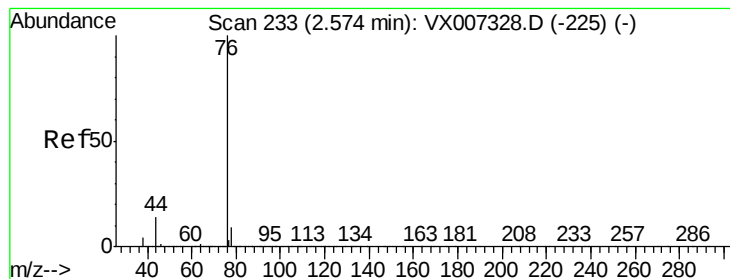
Tgt Ion: 43 Resp: 544610

Ion Ratio Lower Upper

43 100

58 31.1 24.9 37.3





#17

Carbon Disulfide

Concen: 46.573 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

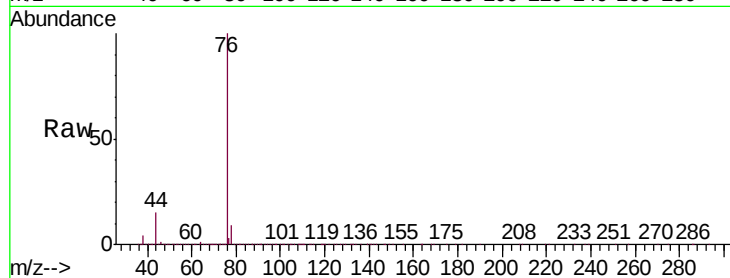
VSTDICCC050

Tgt Ion: 76 Resp: 565284

Ion Ratio Lower Upper

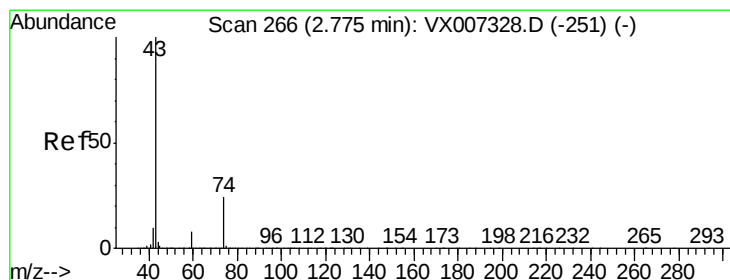
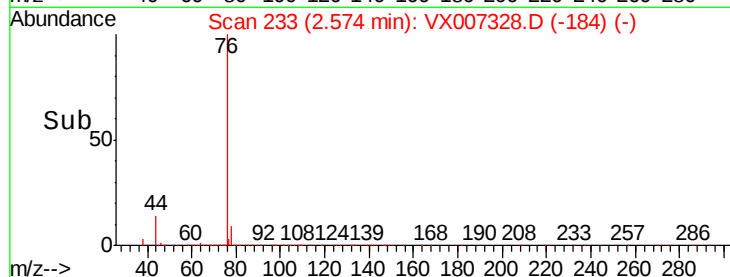
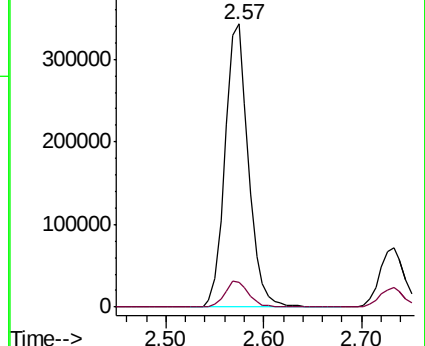
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.332 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007328.D

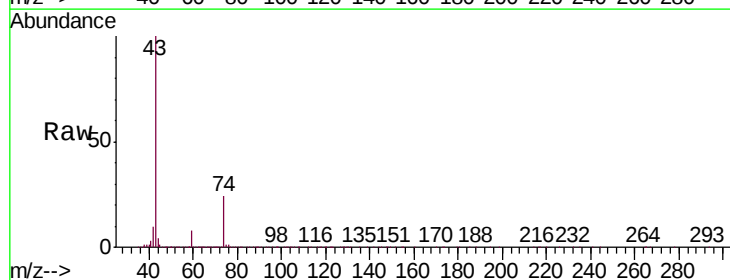
Acq: 01 Feb 2019 10:55

Tgt Ion: 43 Resp: 293812

Ion Ratio Lower Upper

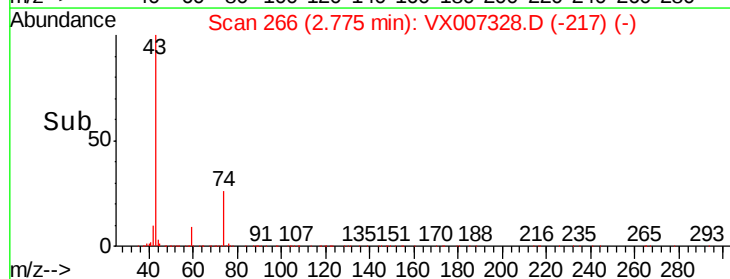
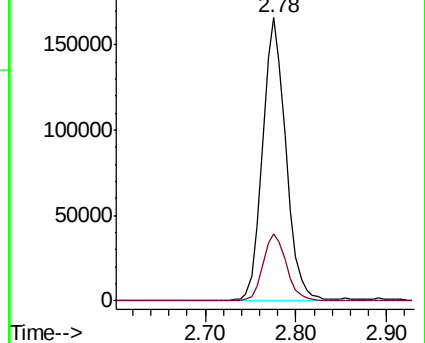
43 100

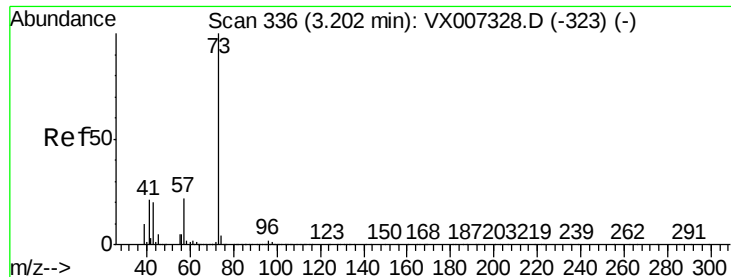
74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



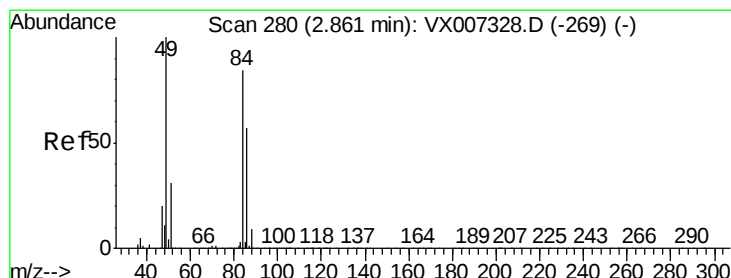
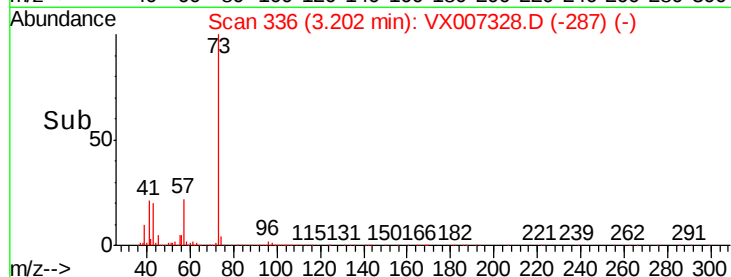
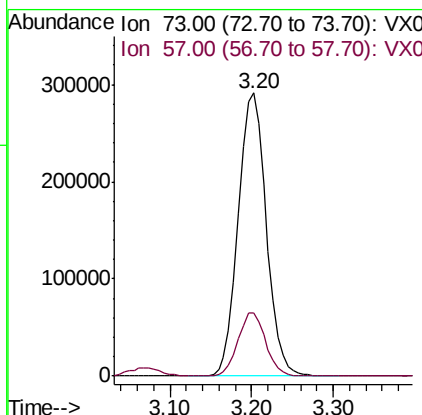
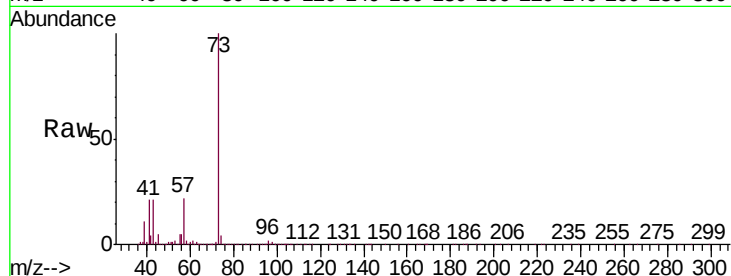


#19

Methyl tert-butyl Ether
 Concen: 46.608 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

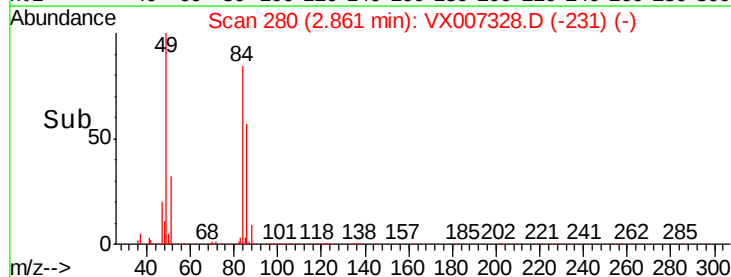
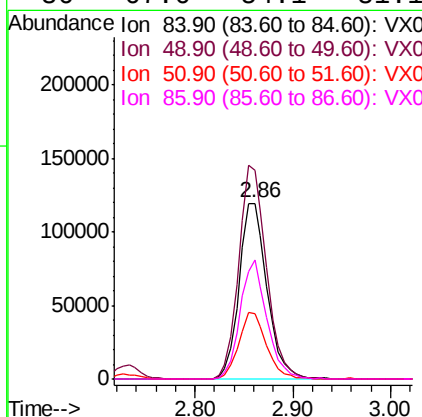
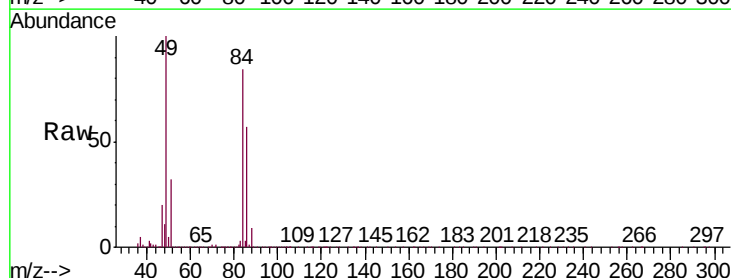
Tgt Ion: 73 Resp: 694574
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

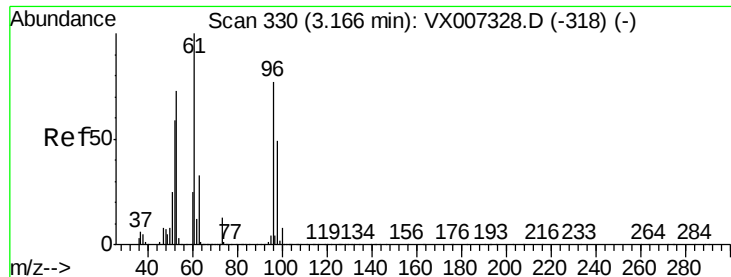


#20

Methylene Chloride
 Concen: 44.562 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion: 84 Resp: 235966
 Ion Ratio Lower Upper
 84 100
 49 118.5 94.8 142.2
 51 37.3 29.8 44.8
 86 67.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.590 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

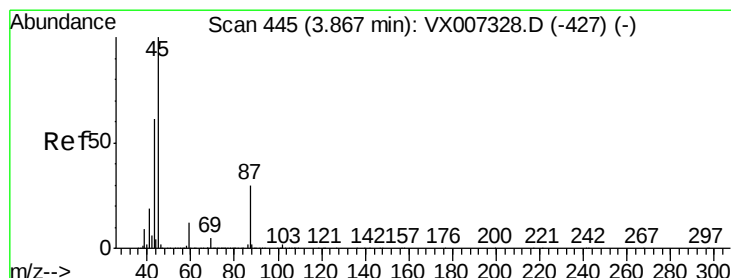
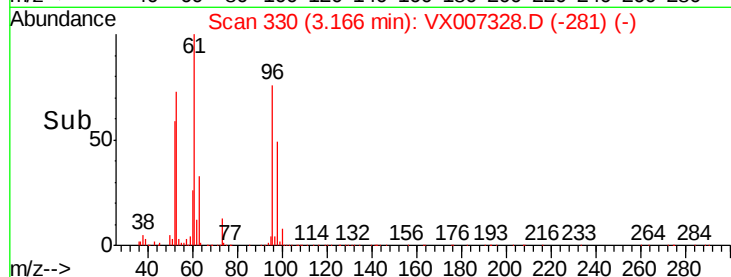
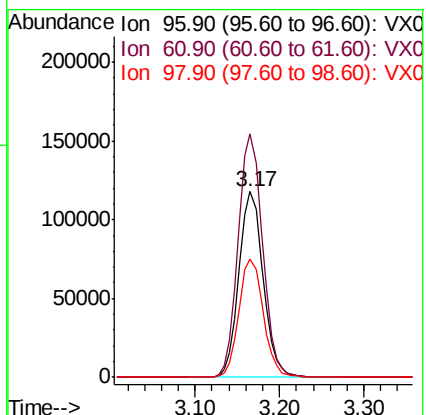
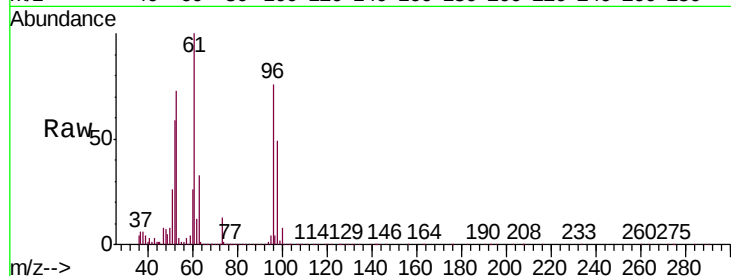
Tgt Ion: 96 Resp: 228292

Ion Ratio Lower Upper

96 100

61 130.7 104.6 156.8

98 63.7 51.0 76.4



#22

Diisopropyl ether

Concen: 47.879 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion: 45 Resp: 660086

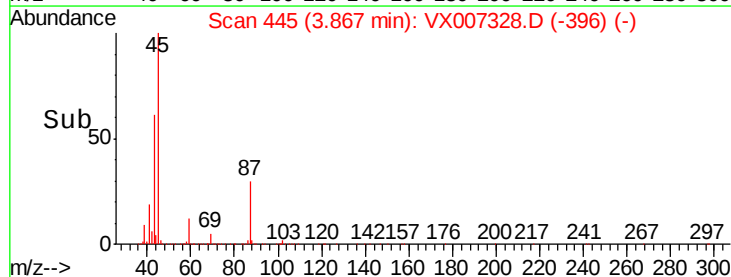
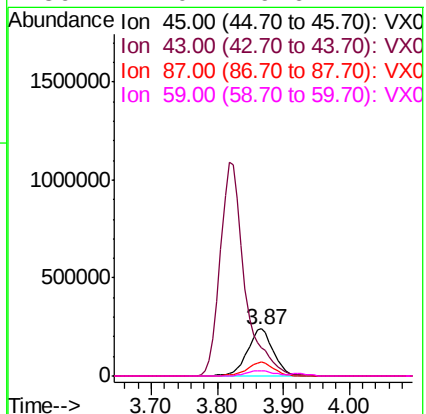
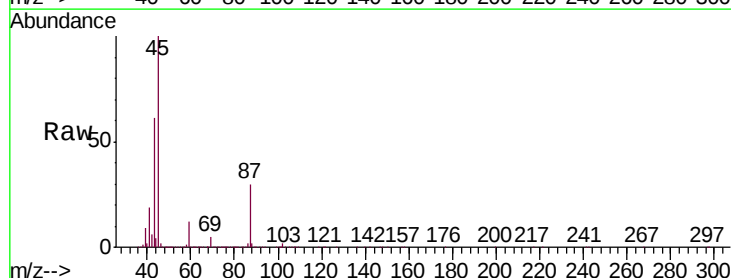
Ion Ratio Lower Upper

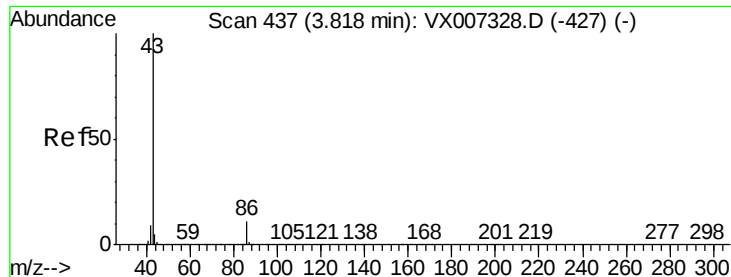
45 100

43 61.1 48.9 73.3

87 29.9 23.9 35.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 246.239 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

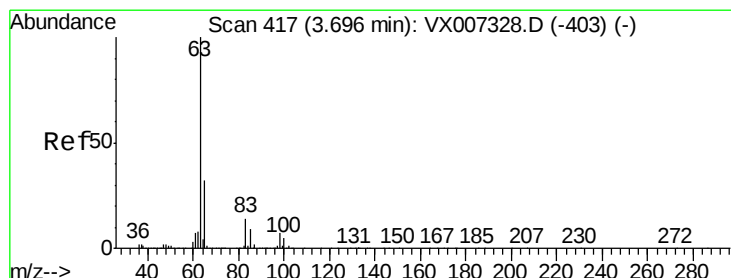
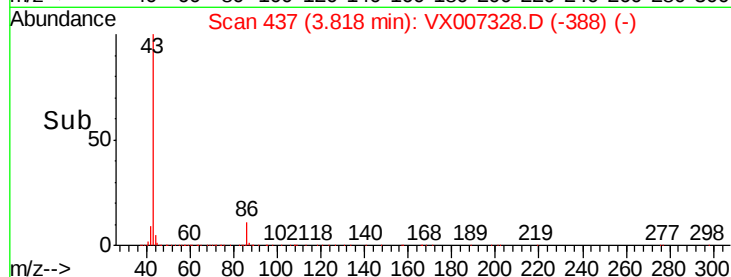
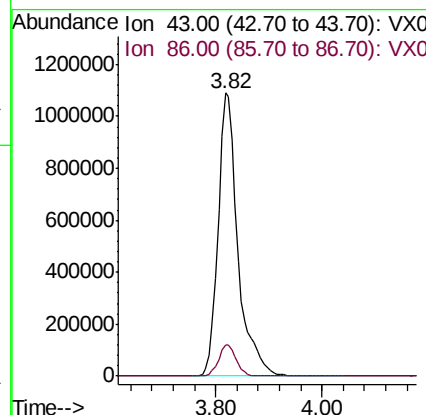
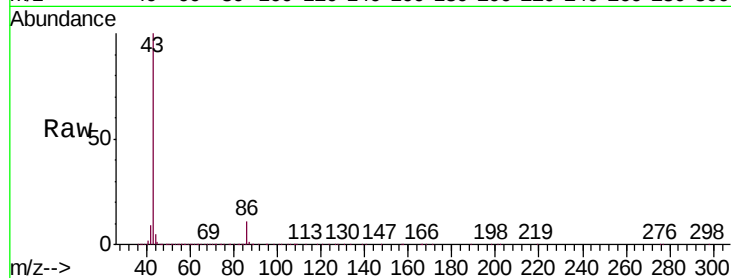
VSTDICCC050

Tgt Ion: 43 Resp: 2817060

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 47.780 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

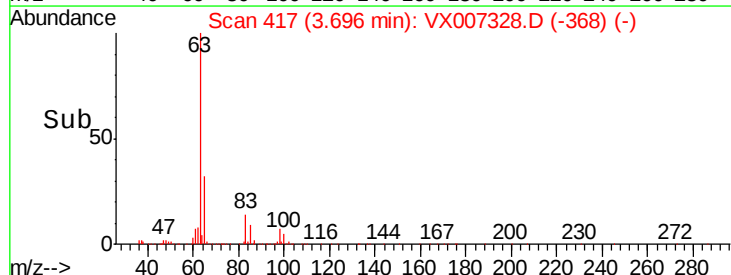
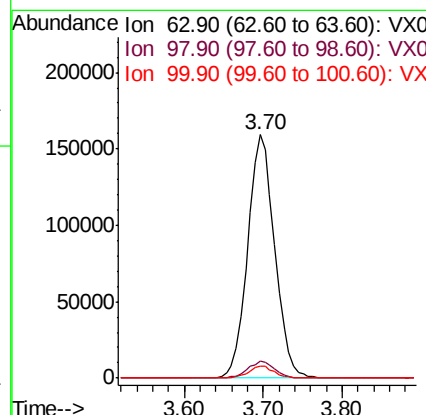
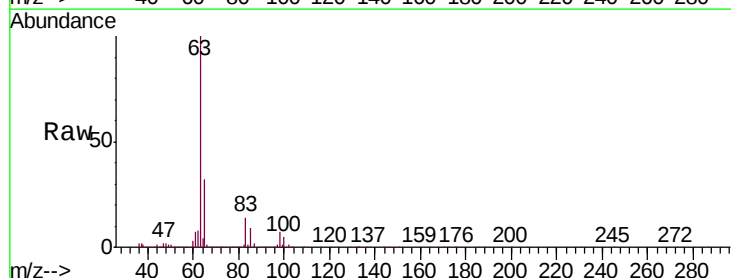
Tgt Ion: 63 Resp: 378289

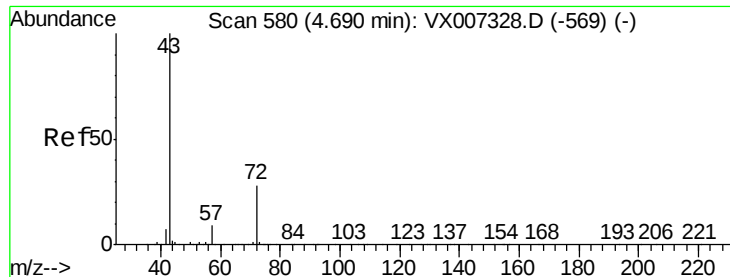
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.5 7.4

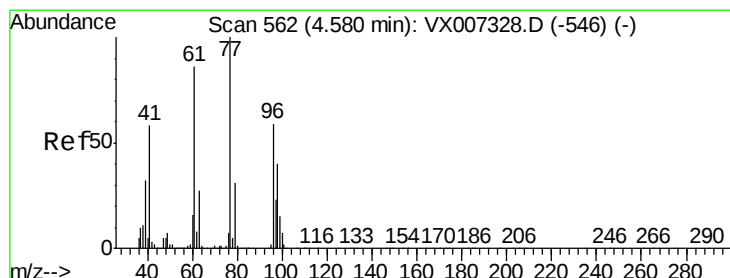
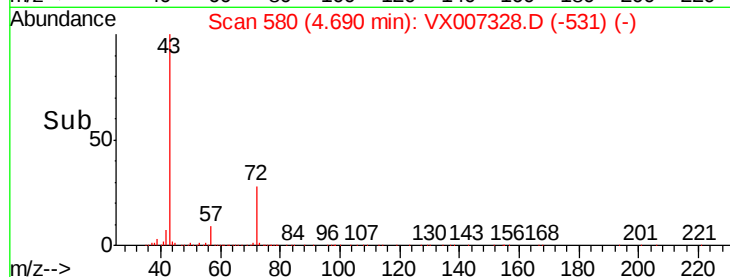
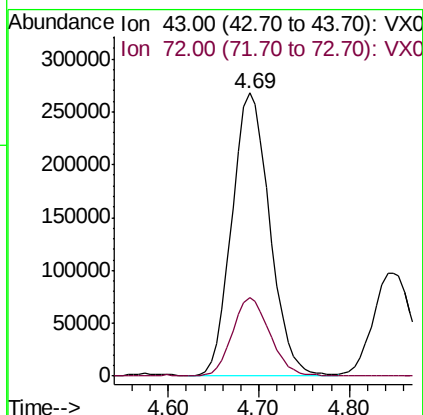
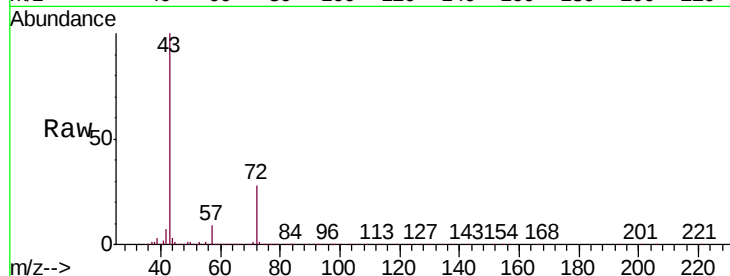




#25
2-Butanone
Concen: 231.747 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

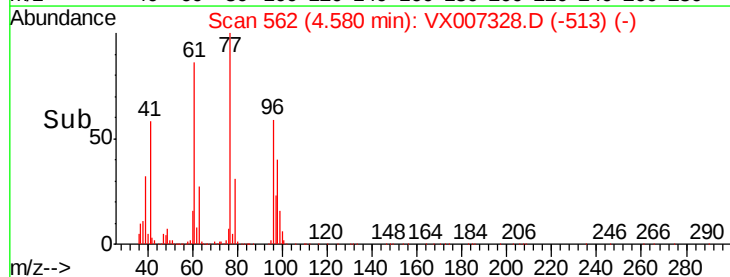
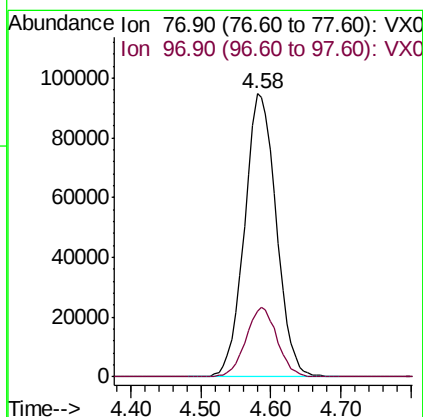
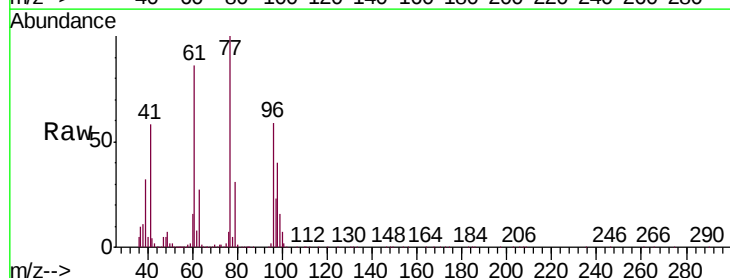
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

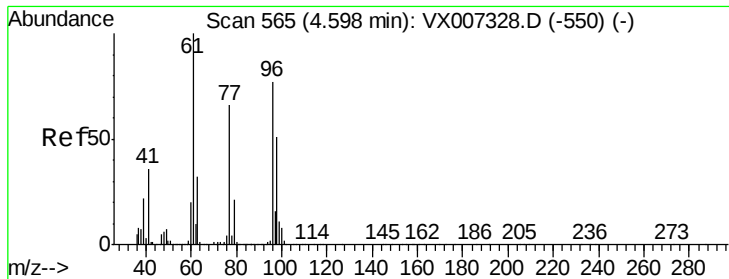
Tgt Ion: 43 Resp: 772528
Ion Ratio Lower Upper
43 100
72 27.7 22.2 33.2



#26
2,2-Dichloropropane
Concen: 49.495 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 77 Resp: 298429
Ion Ratio Lower Upper
77 100
97 24.2 12.1 36.3



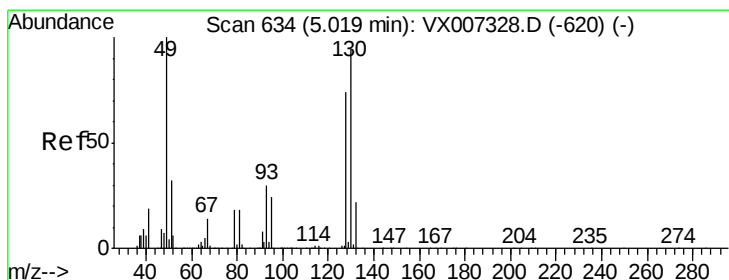
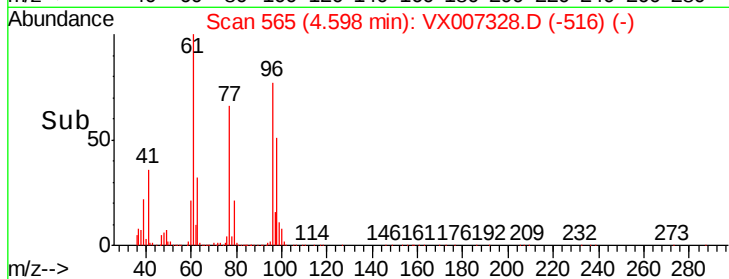
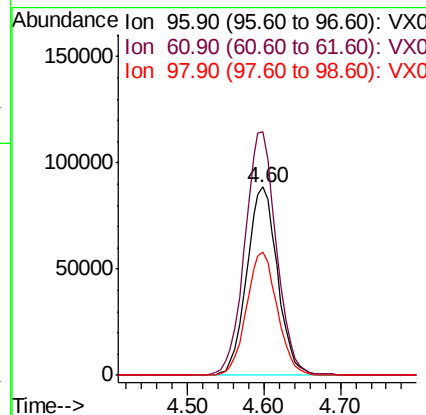
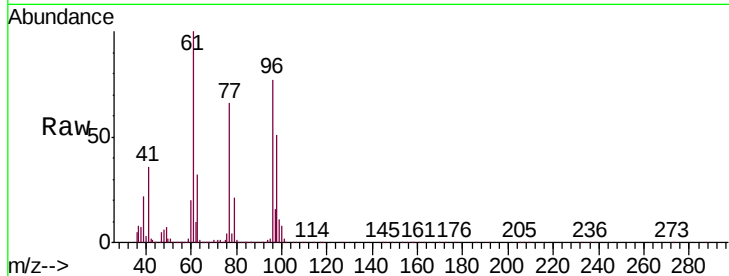


#27

cis-1,2-Dichloroethene
 Concen: 46.243 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

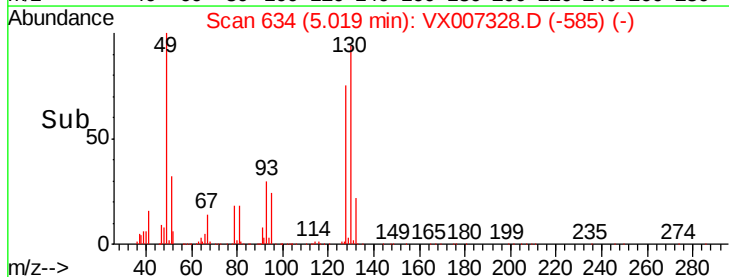
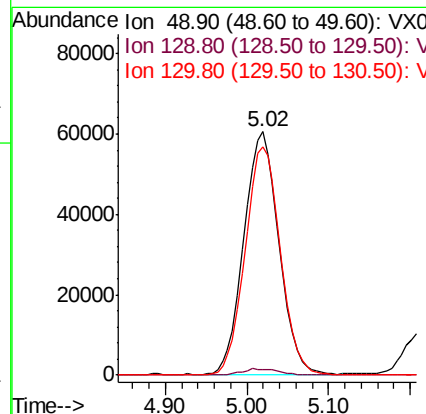
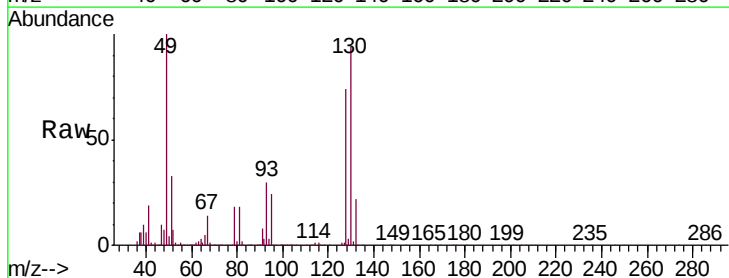
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	265.6
98	65.8	0.0	131.6

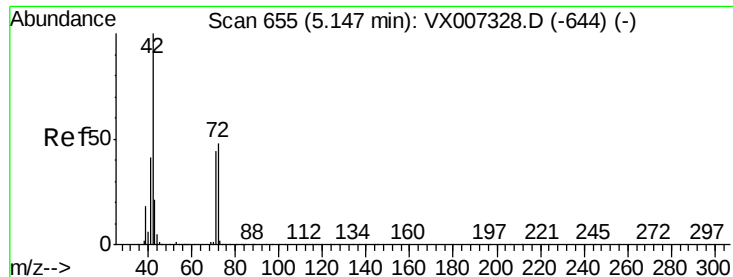


#28

Bromochloromethane
 Concen: 49.671 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	94.5	75.6	113.4

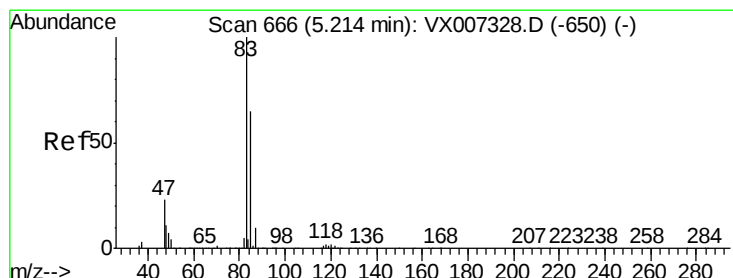
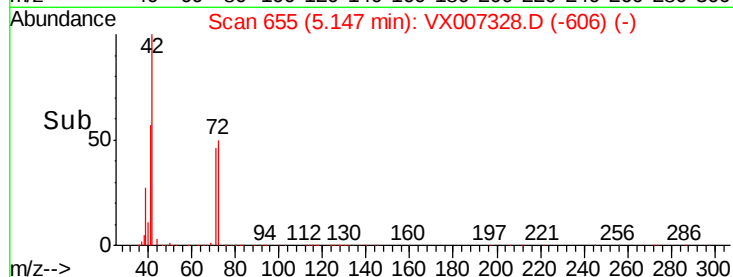
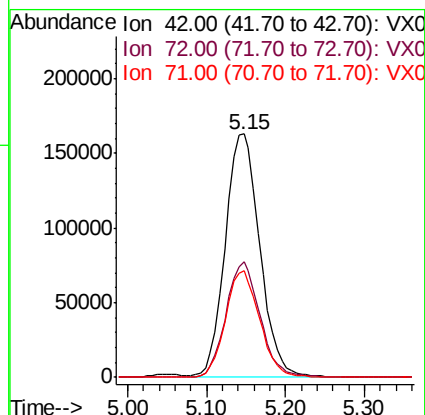
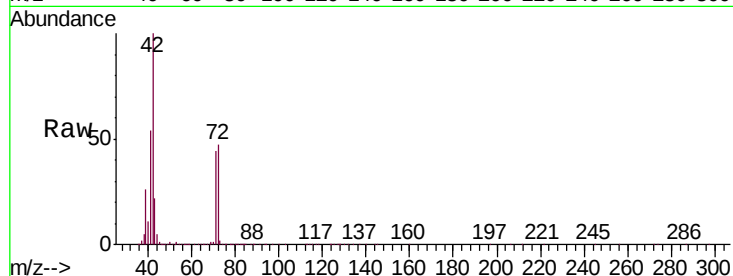




#29
Tetrahydrofuran
Concen: 235.924 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

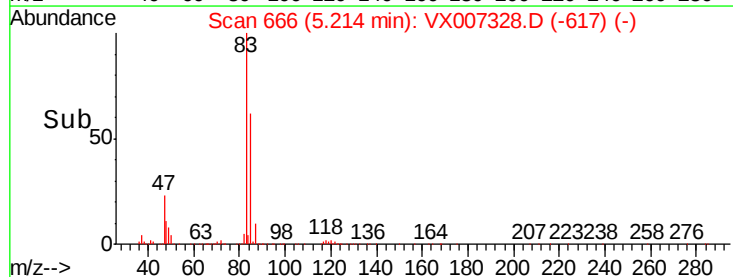
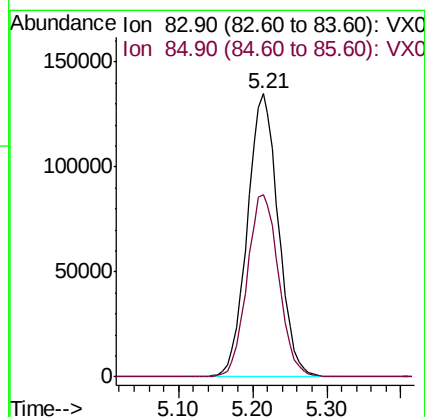
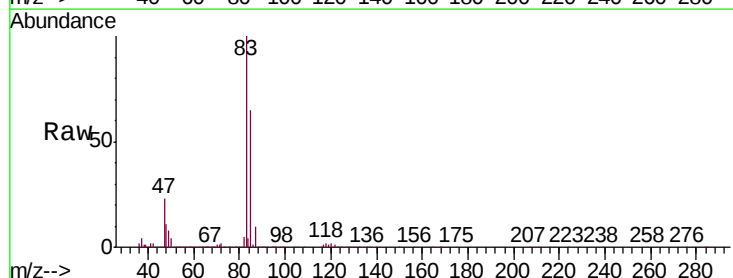
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

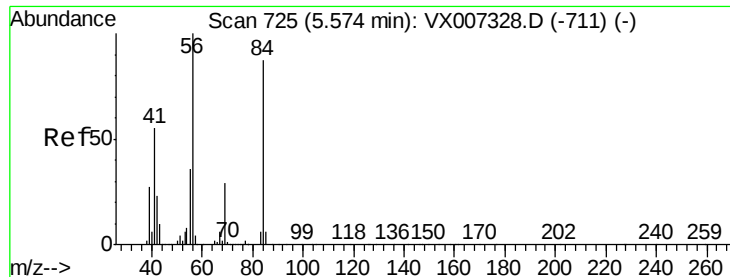
Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	43.2	34.6	51.8



#30
Chloroform
Concen: 47.644 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4

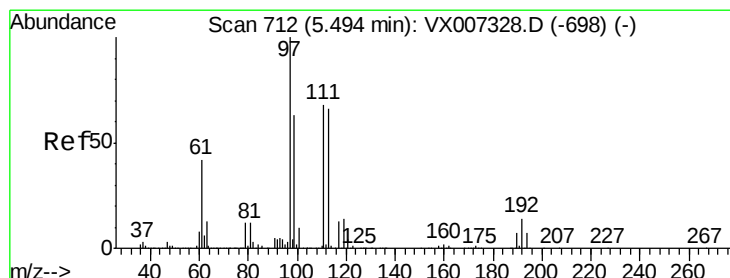
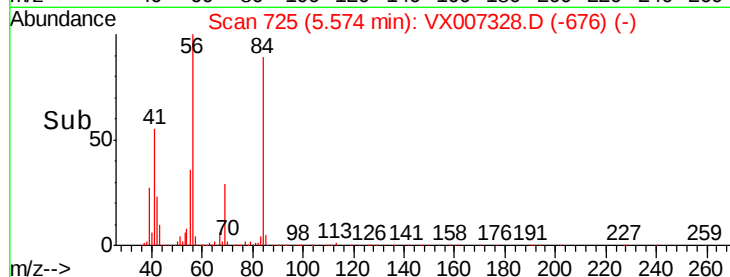
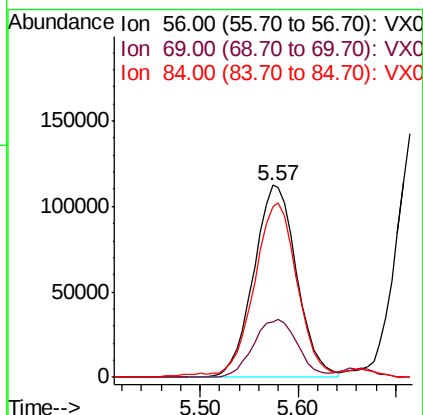
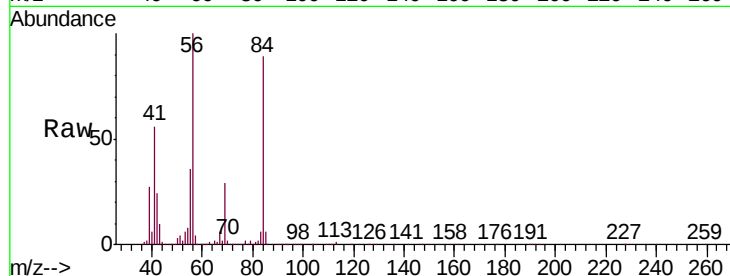




#31
Cyclohexane
Concen: 48.137 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

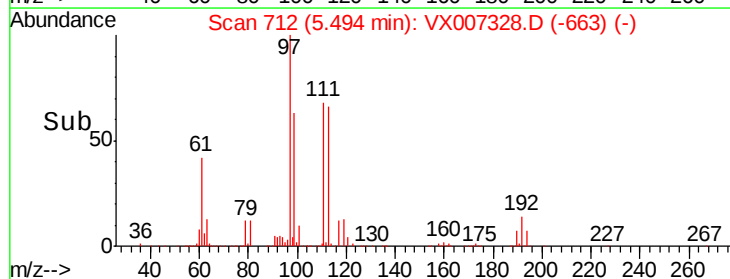
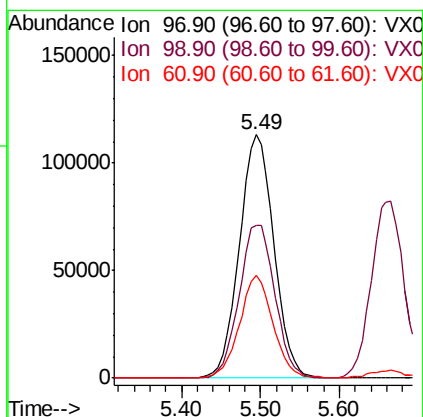
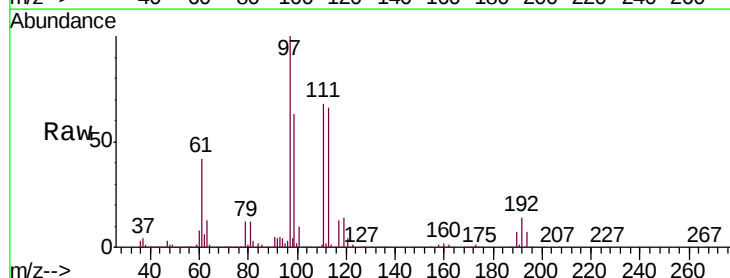
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

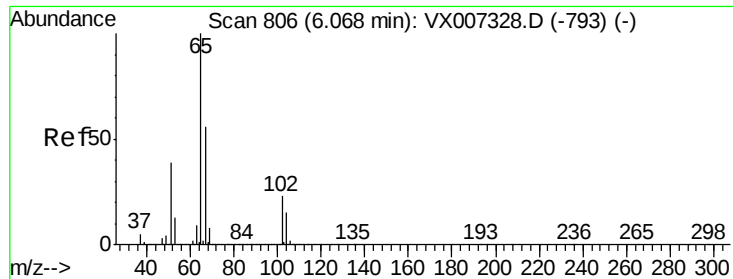
Tgt Ion: 56 Resp: 342289
Ion Ratio Lower Upper
56 100
69 28.8 23.0 34.6
84 87.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 49.364 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 97 Resp: 344244
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 40.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.072 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

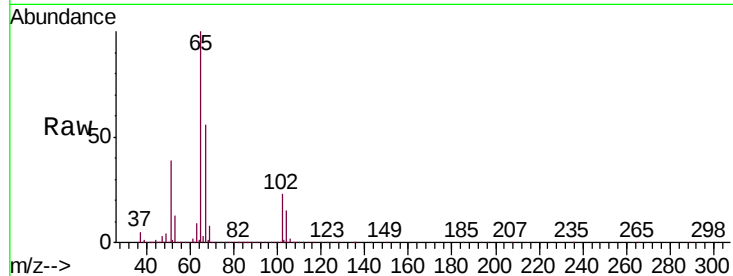
VSTDICCC050

Tgt Ion: 65 Resp: 245821

Ion Ratio Lower Upper

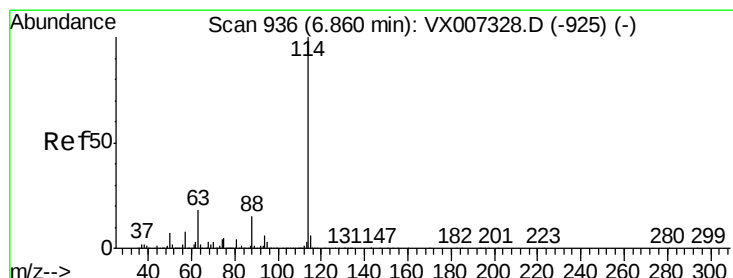
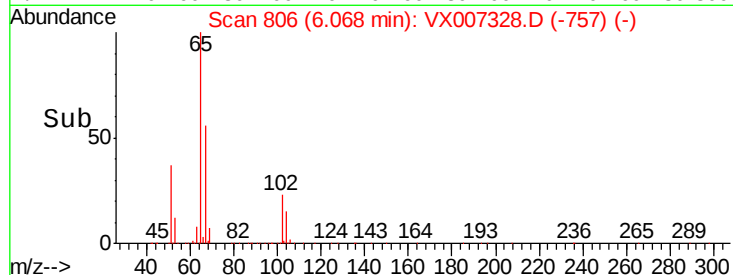
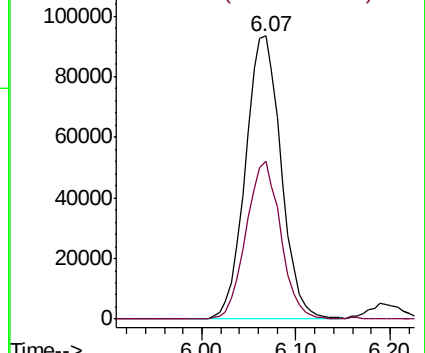
65 100

67 54.4 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

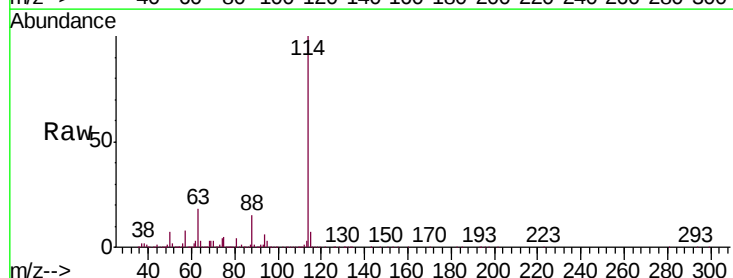
Tgt Ion: 114 Resp: 708824

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

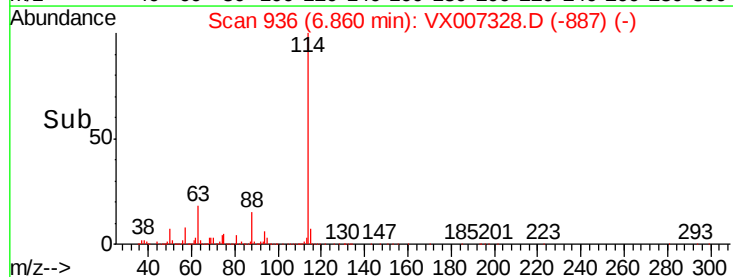
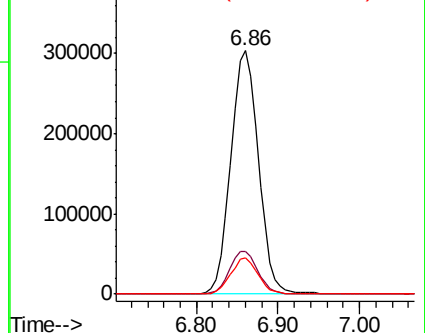
88 14.8 0.0 29.6

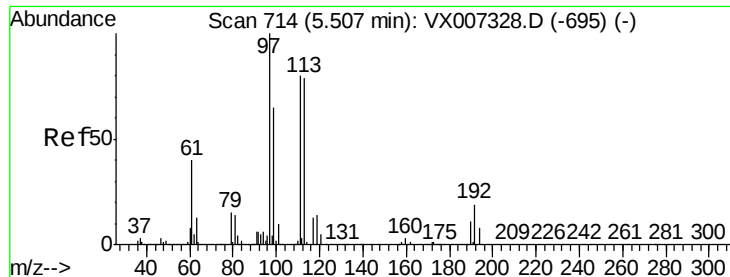


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.557 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

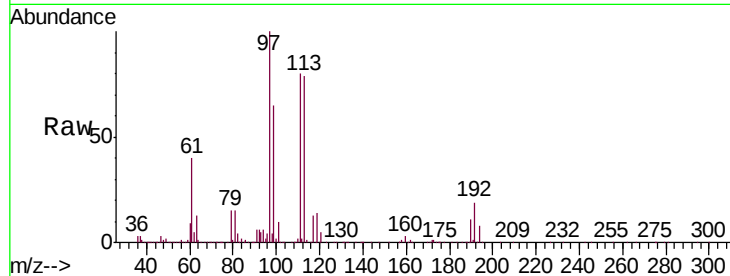
Tgt Ion:113 Resp: 223946

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

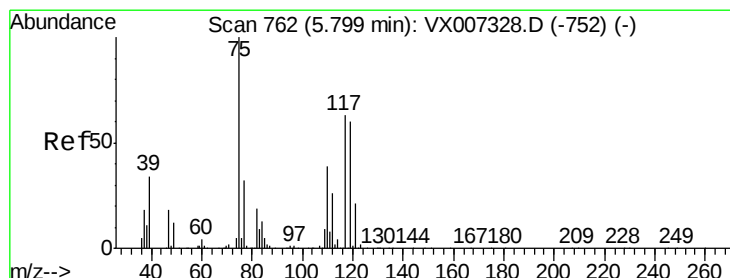
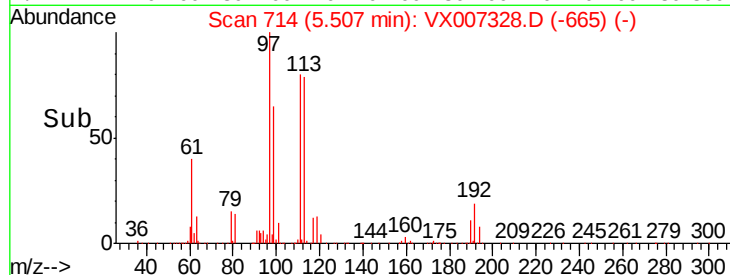
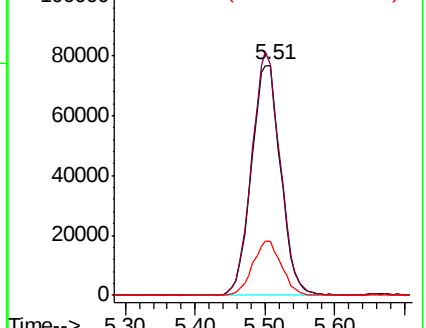
192 23.1 18.5 27.7



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: 46.590 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

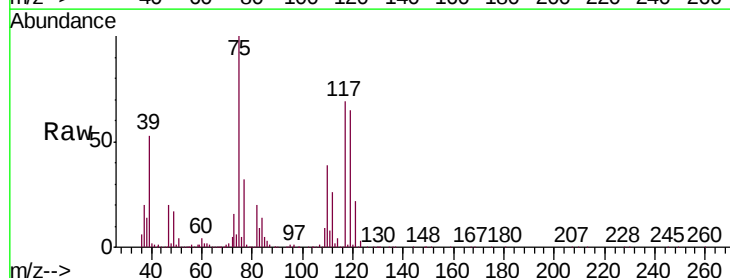
Tgt Ion: 75 Resp: 296308

Ion Ratio Lower Upper

75 100

110 39.9 20.0 59.9

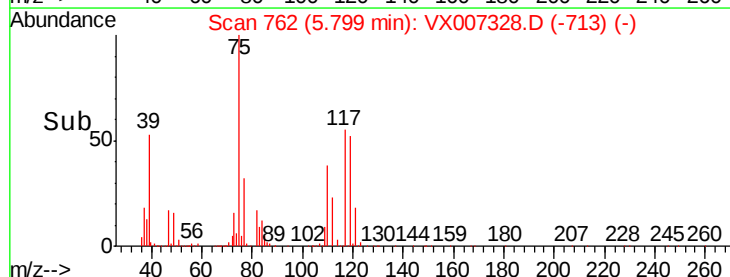
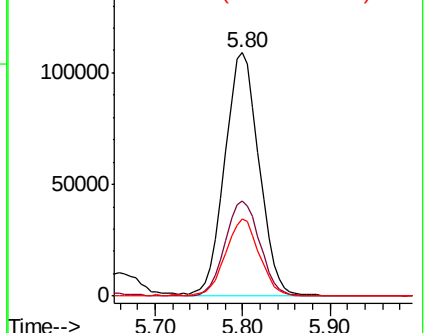
77 30.9 24.7 37.1

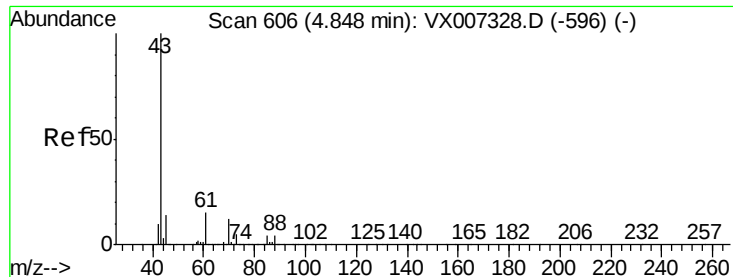


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

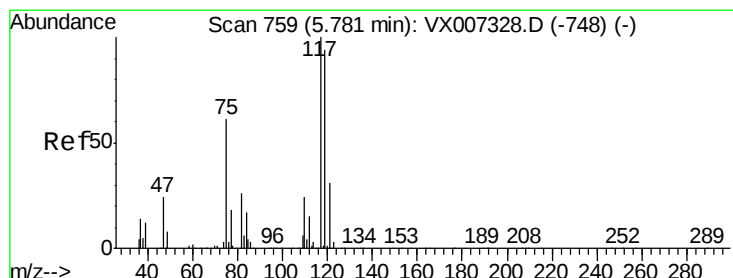
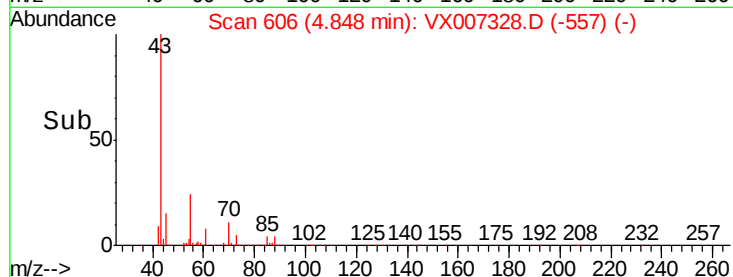
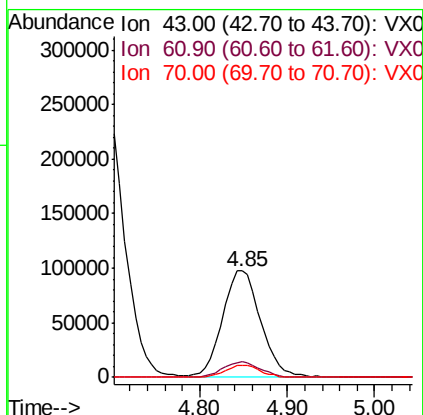
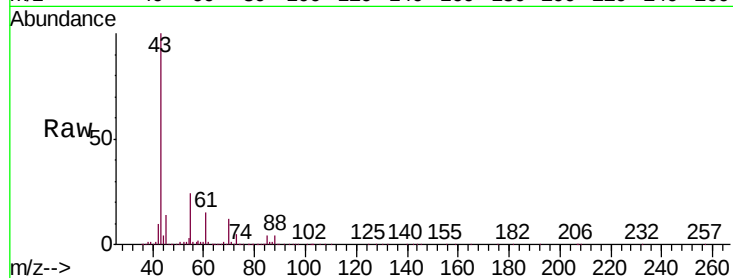




#37
Ethyl Acetate
Concen: 45.687 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

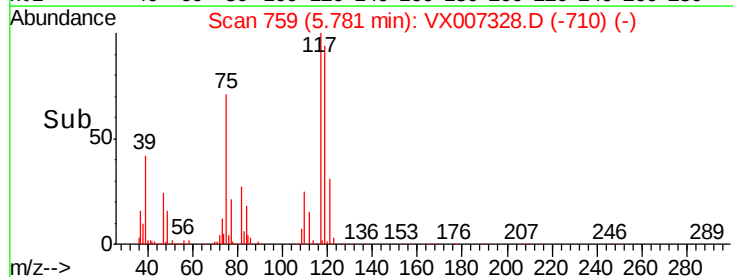
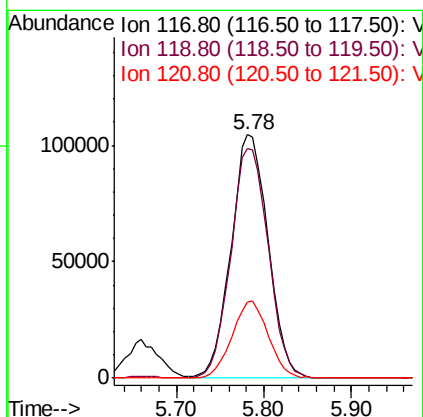
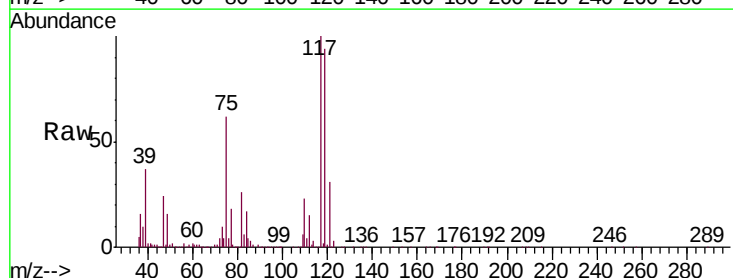
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

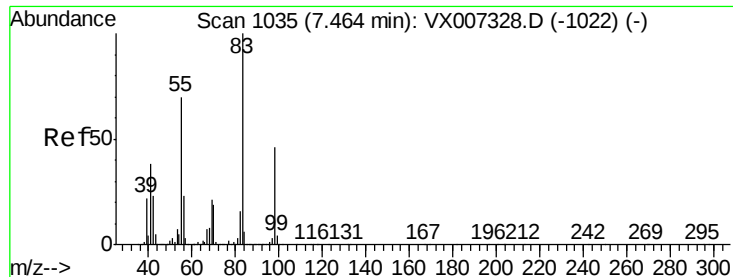
Tgt Ion: 43 Resp: 293720
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.886 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 117 Resp: 307801
Ion Ratio Lower Upper
117 100
119 94.1 75.3 112.9
121 31.2 25.0 37.4

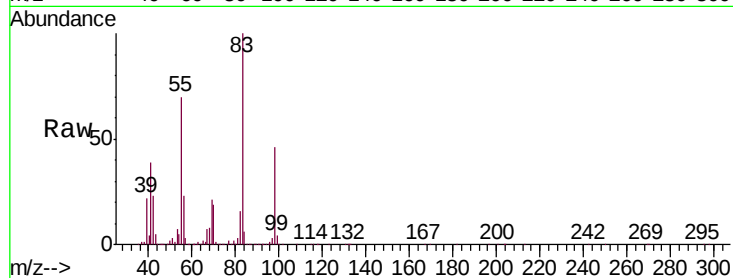




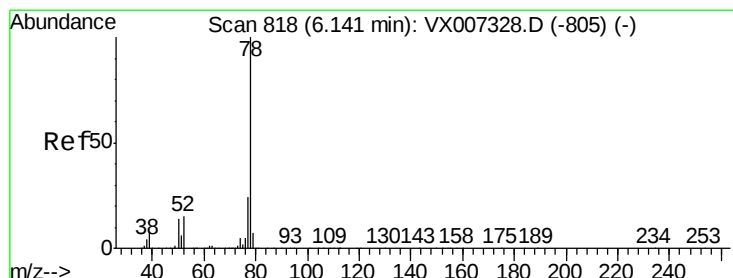
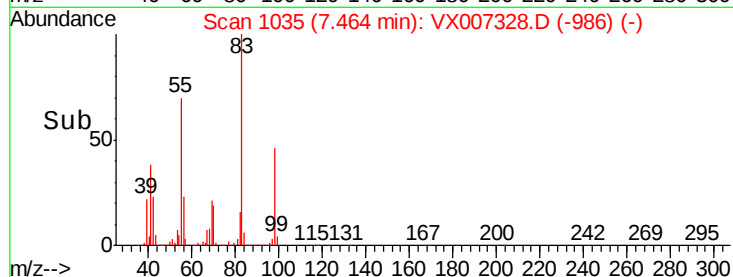
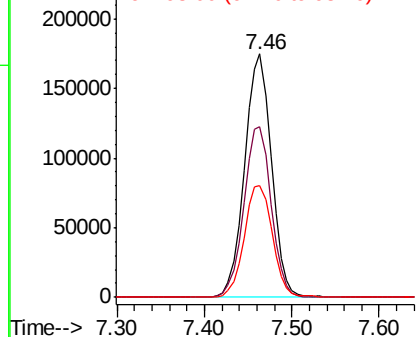
#39
Methylcyclohexane
Concen: 48.321 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 371816
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 46.0 36.8 55.2

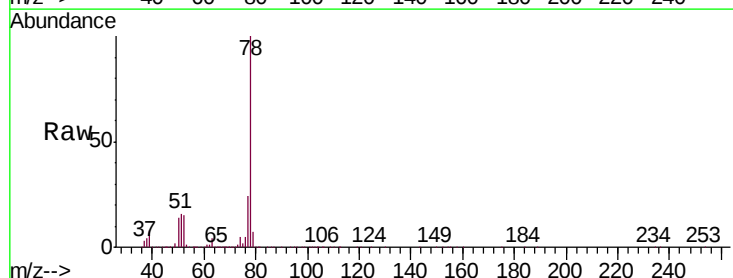


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

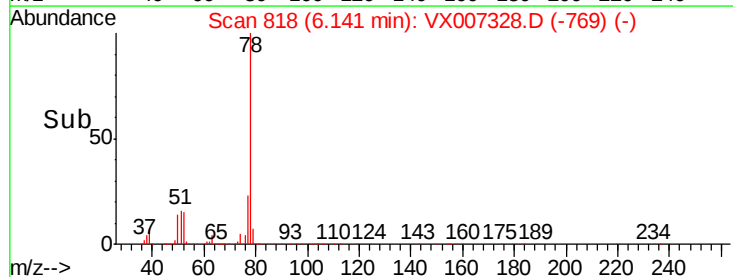
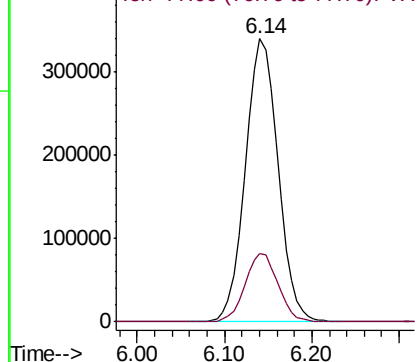


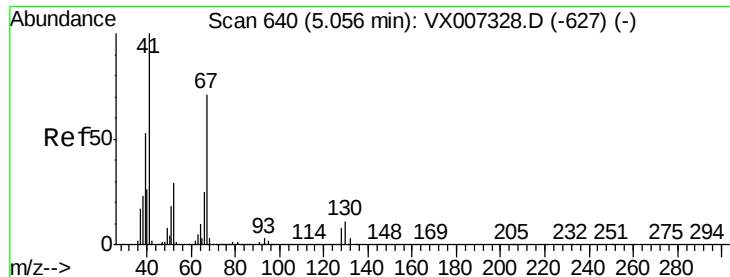
#40
Benzene
Concen: 47.252 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 78 Resp: 885232
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 47.097 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 165474

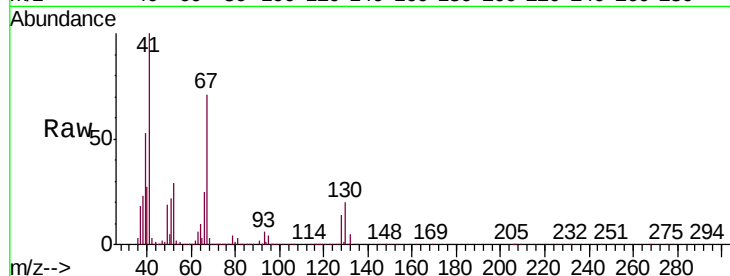
Ion Ratio Lower Upper

41 100

39 55.6 44.5 66.7

67 75.5 60.4 90.6

52 30.1 24.1 36.1



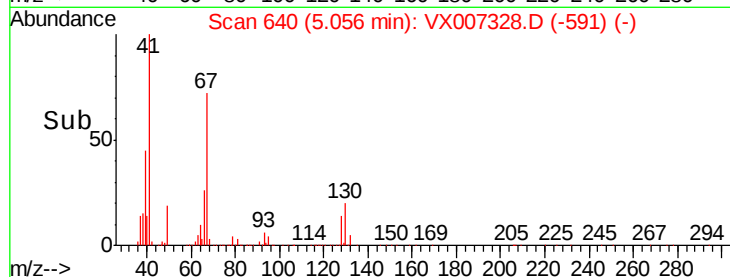
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



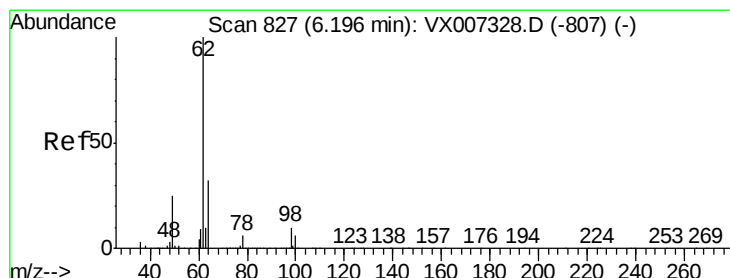
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



#42

1,2-Dichloroethane

Concen: 46.624 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007328.D

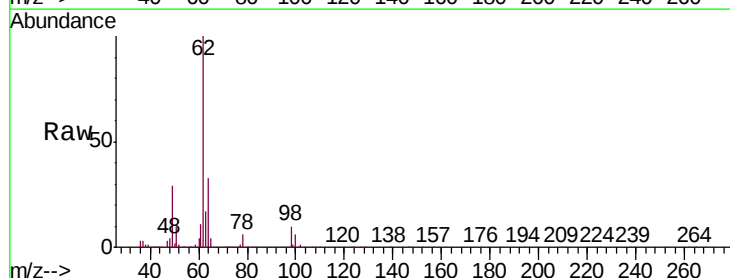
Acq: 01 Feb 2019 10:55

Tgt Ion: 62 Resp: 302215

Ion Ratio Lower Upper

62 100

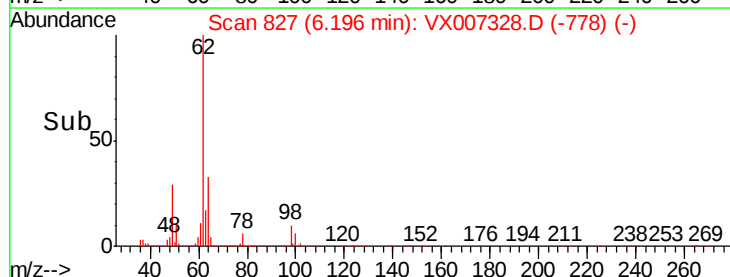
98 9.5 0.0 19.0



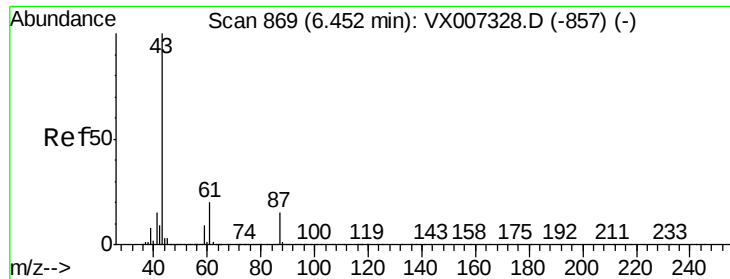
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



Time-->

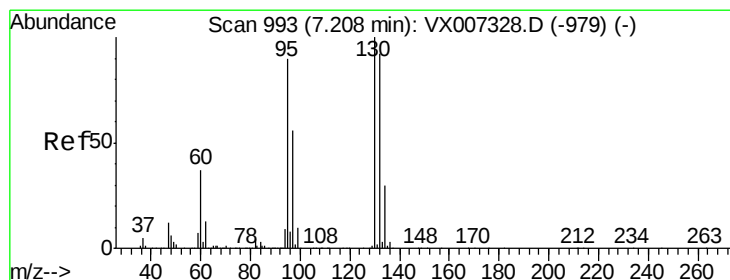
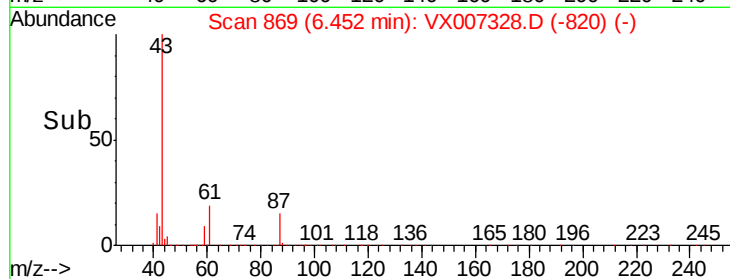
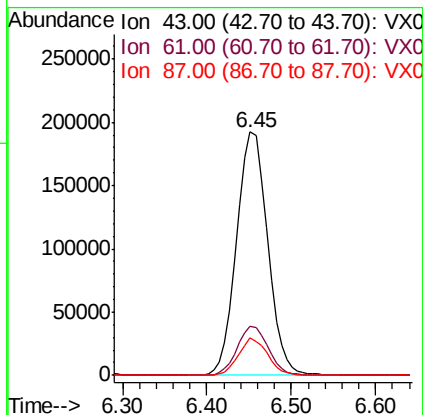
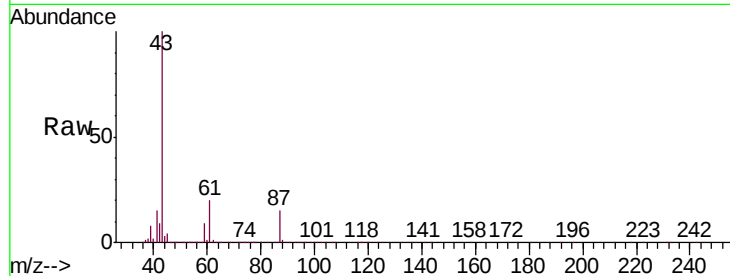


#43

Isopropyl Acetate
 Concen: 48.353 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

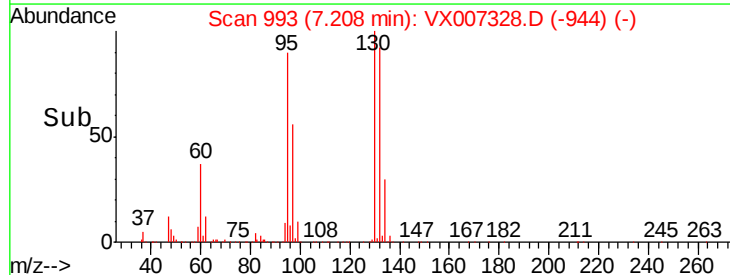
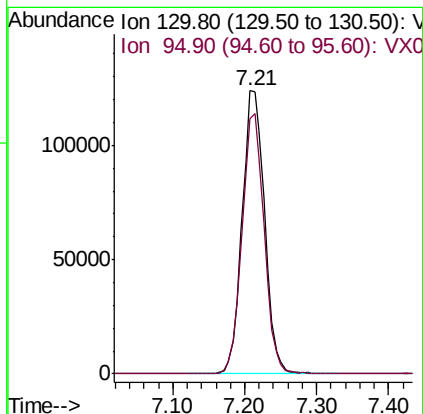
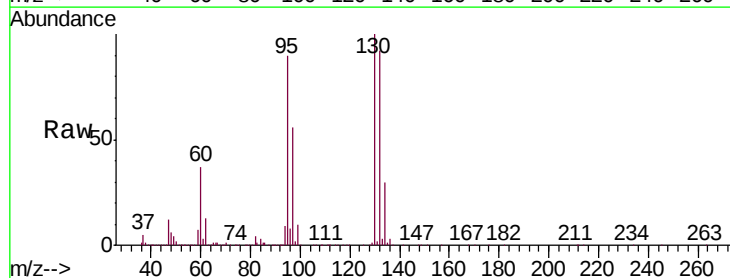
Tgt Ion: 43 Resp: 479824
 Ion Ratio Lower Upper
 43 100
 61 20.1 16.1 24.1
 87 14.4 11.5 17.3

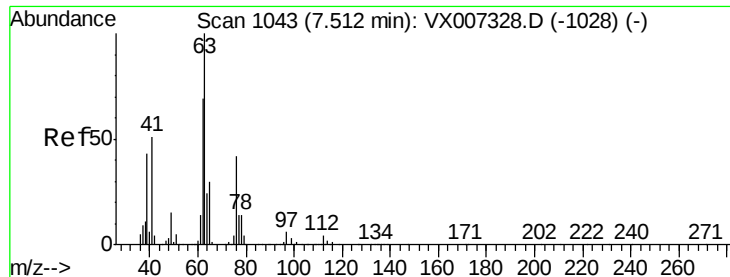


#44

Trichloroethene
 Concen: 47.458 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion: 130 Resp: 267773
 Ion Ratio Lower Upper
 130 100
 95 90.0 0.0 180.0

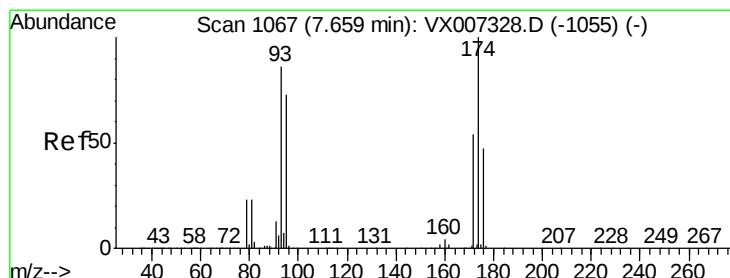
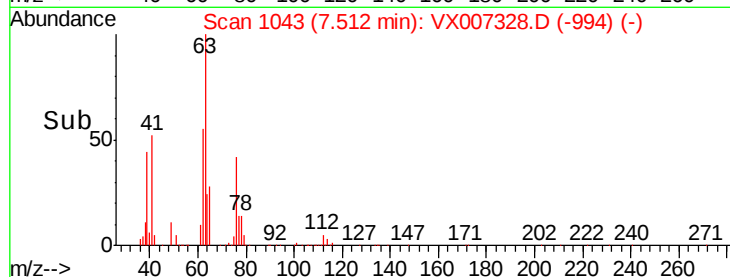
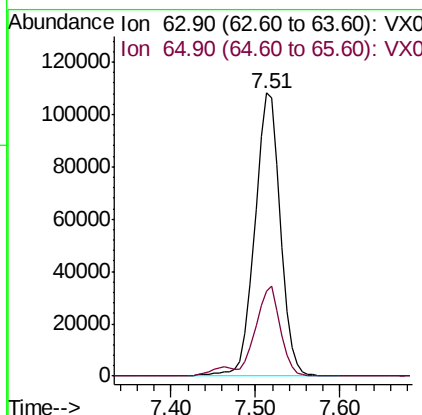
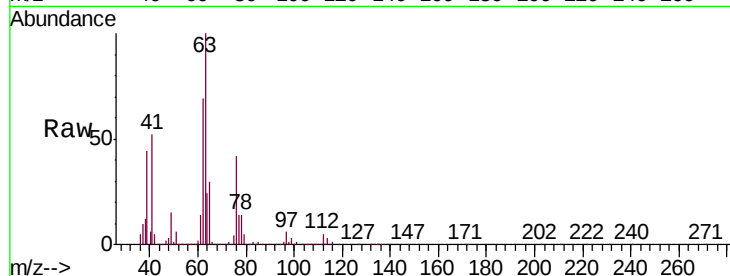




#45
 1,2-Dichloropropane
 Concen: 47.568 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

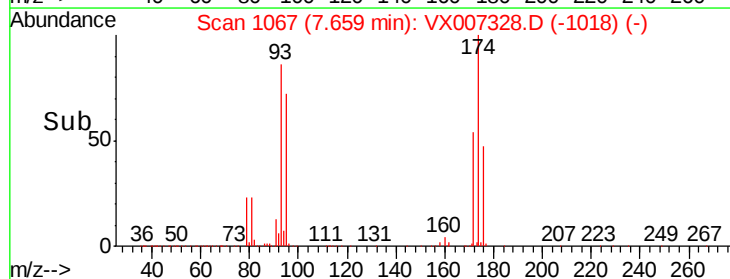
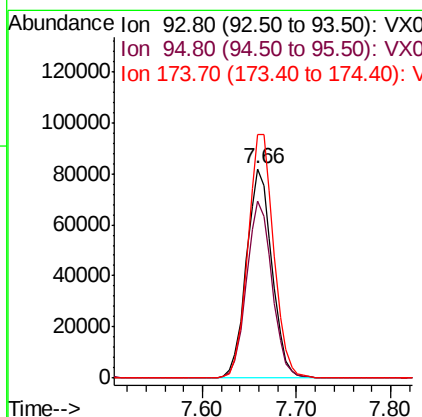
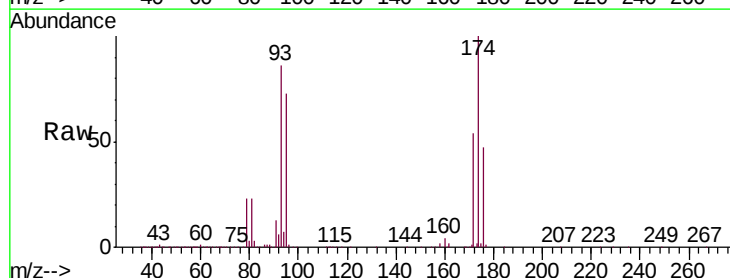
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

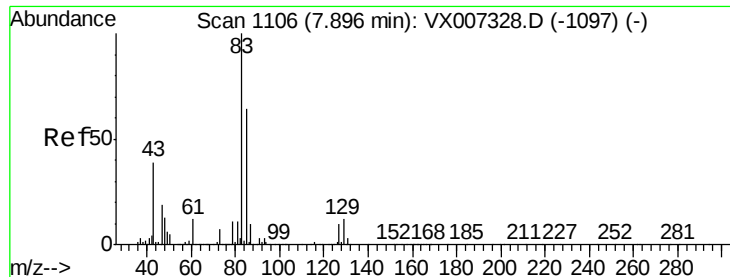
Tgt Ion: 63 Resp: 223279
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2



#46
 Dibromomethane
 Concen: 45.770 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion: 93 Resp: 156146
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.6 101.4
 174 117.8 94.2 141.4





#47

Bromodichloromethane

Concen: 48.587 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

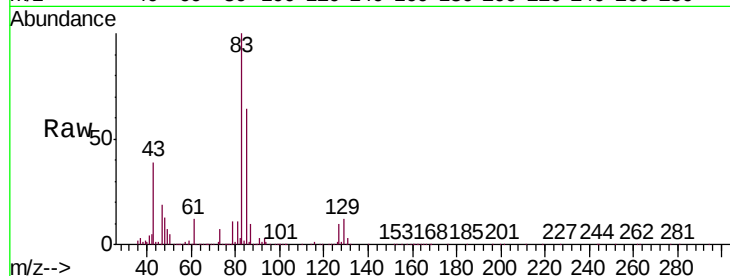
Tgt Ion: 83 Resp: 280923

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

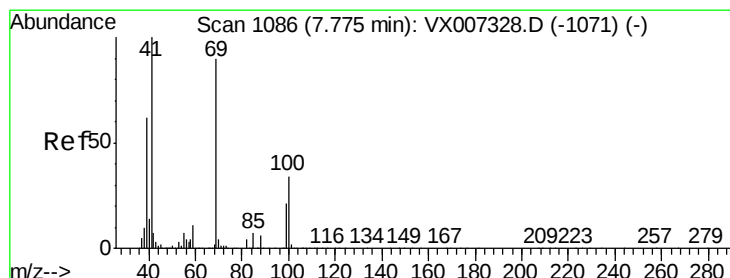
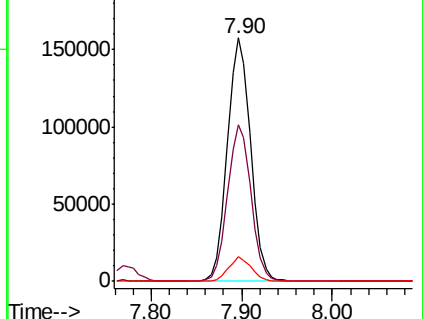
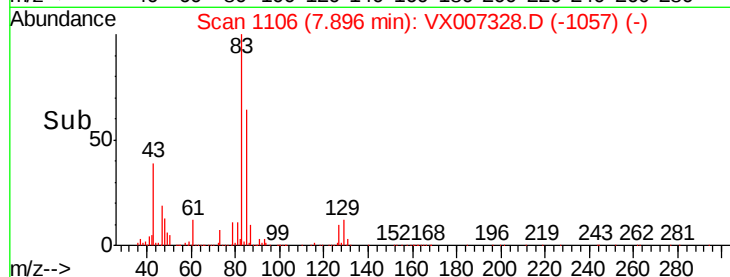
127 10.1 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.962 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

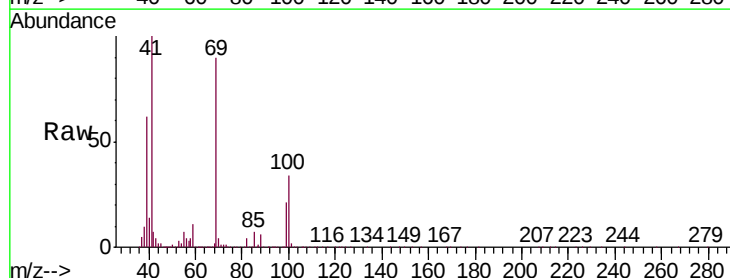
Tgt Ion: 41 Resp: 247990

Ion Ratio Lower Upper

41 100

69 87.8 70.2 105.4

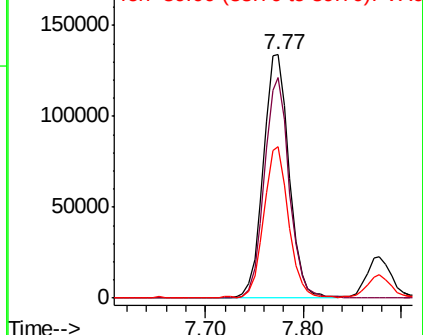
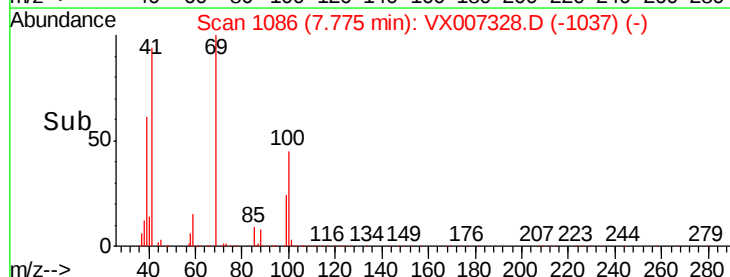
39 59.2 47.4 71.0

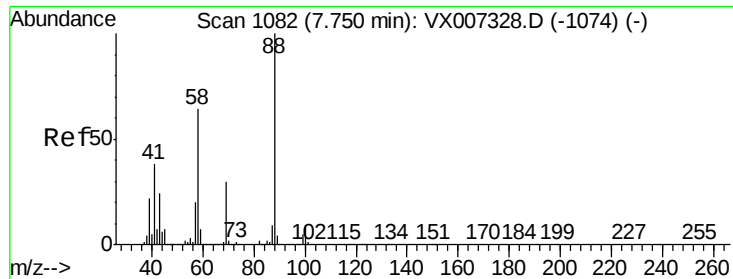


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

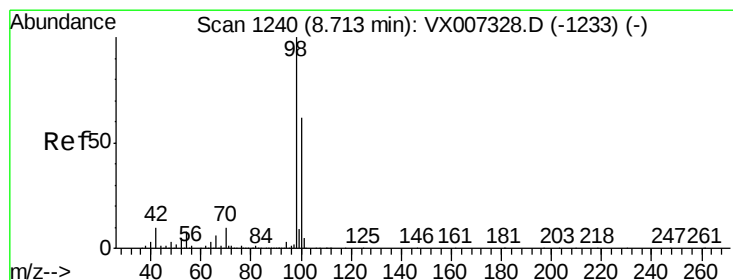
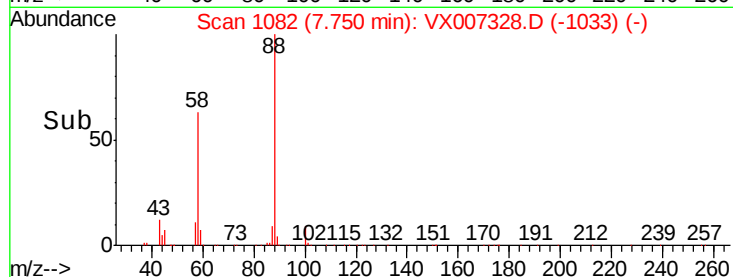
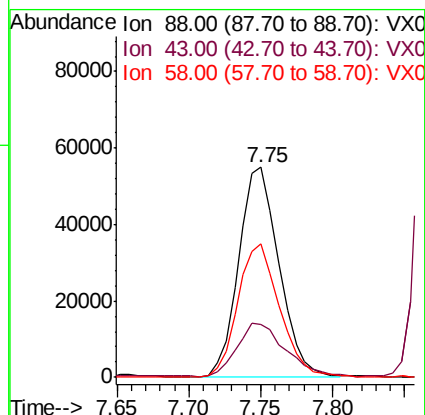
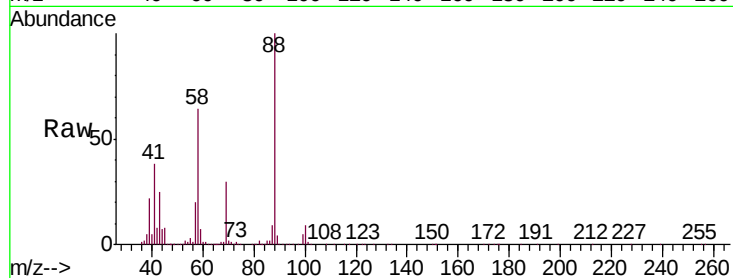




#49
1,4-Dioxane
Concen: 861.419 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

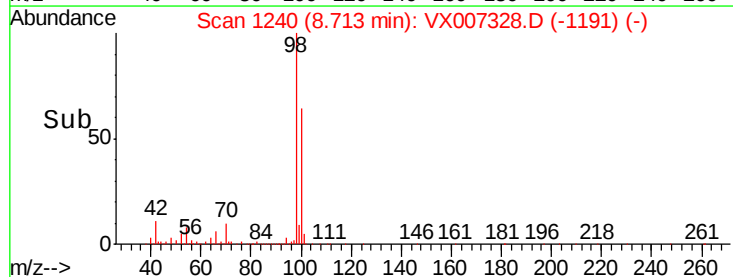
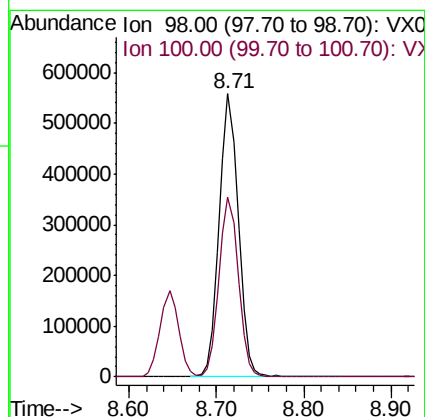
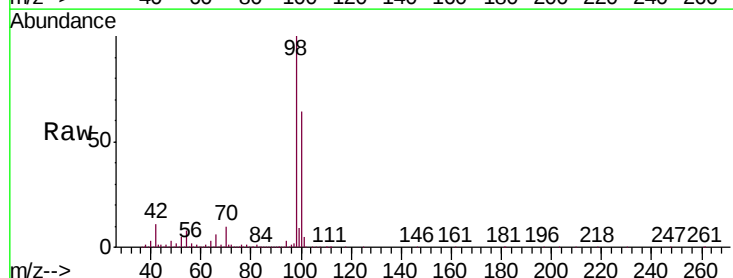
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

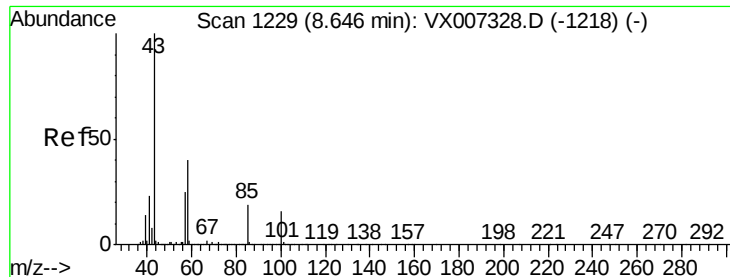
Tgt Ion: 88 Resp: 106411
Ion Ratio Lower Upper
88 100
43 30.3 24.2 36.4
58 66.2 53.0 79.4



#50
Toluene-d8
Concen: 49.466 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 98 Resp: 846435
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

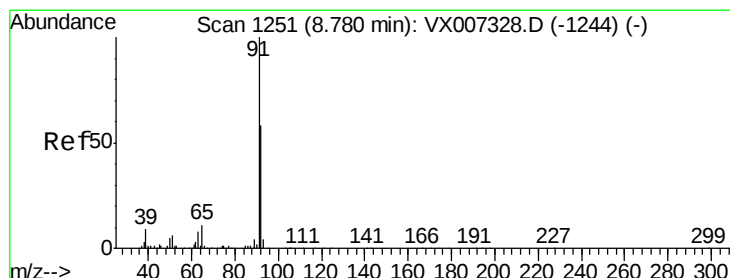
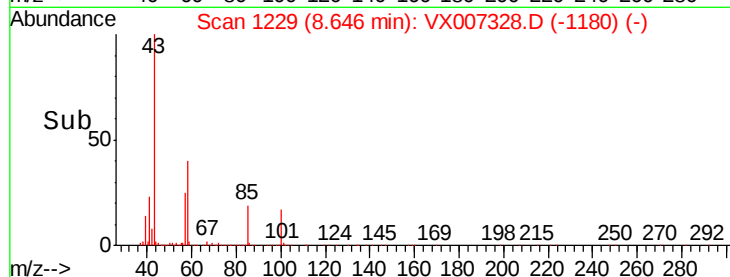
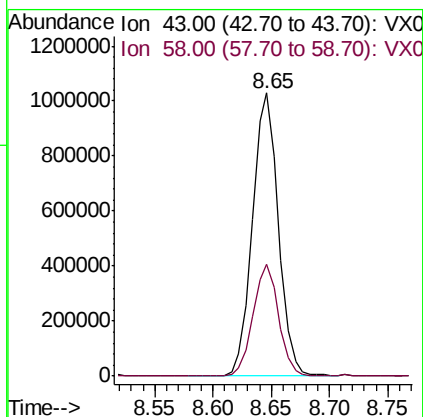
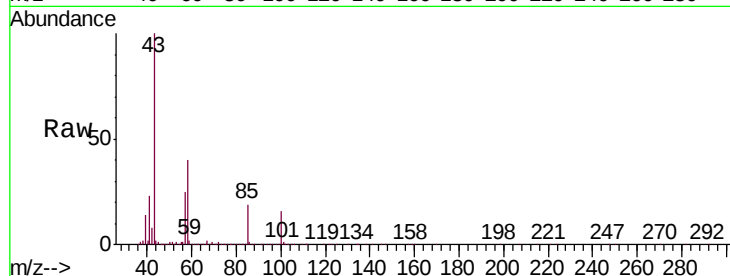




#51
 4-Methyl-2-Pentanone
 Concen: 243.836 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

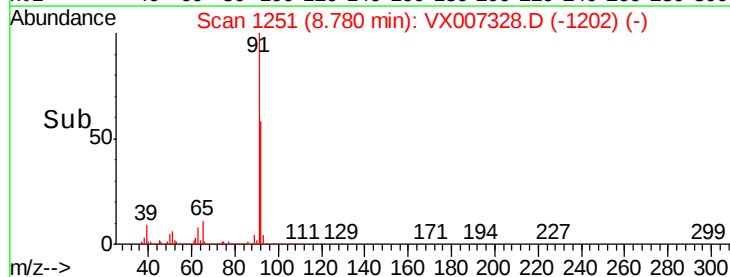
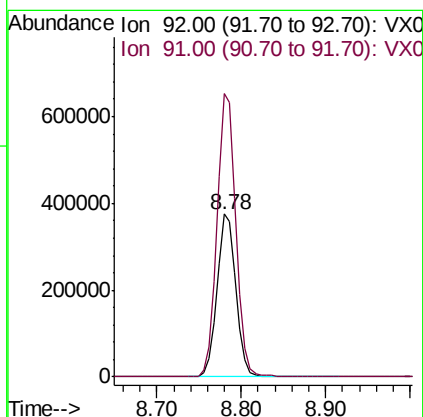
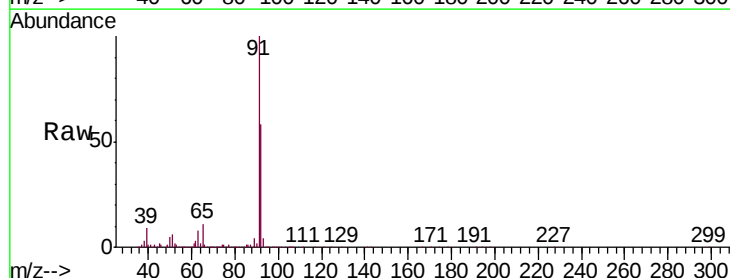
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

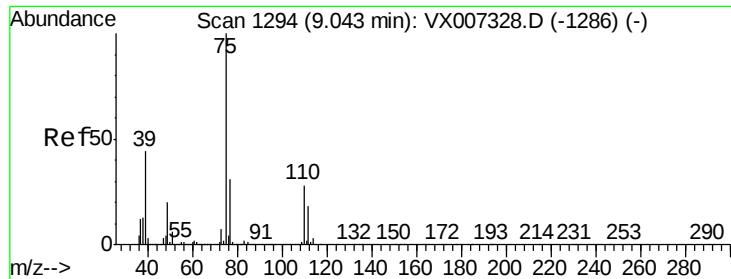
Tgt Ion: 43 Resp: 1592867
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.2 46.8



#52
 Toluene
 Concen: 48.113 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion: 92 Resp: 581541
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.523 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

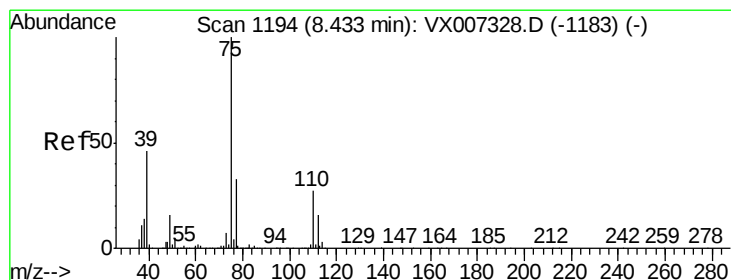
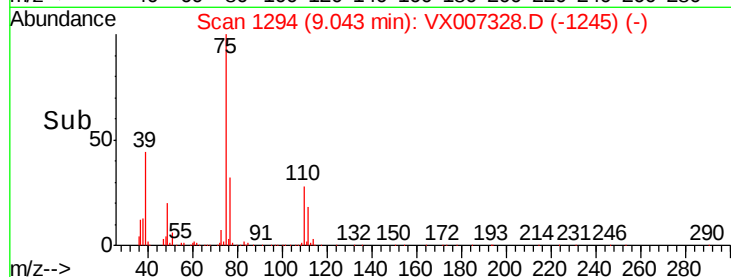
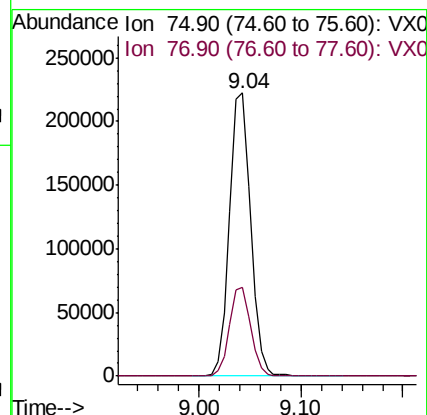
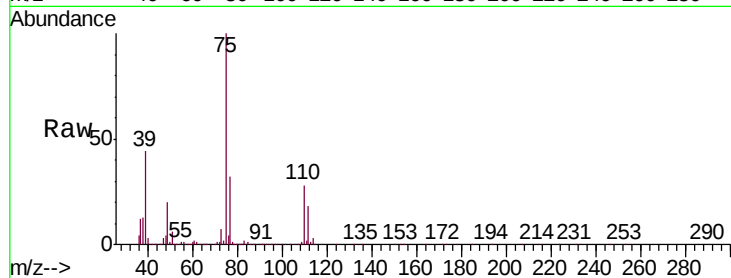
VSTDICCC050

Tgt Ion: 75 Resp: 319984

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.155 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

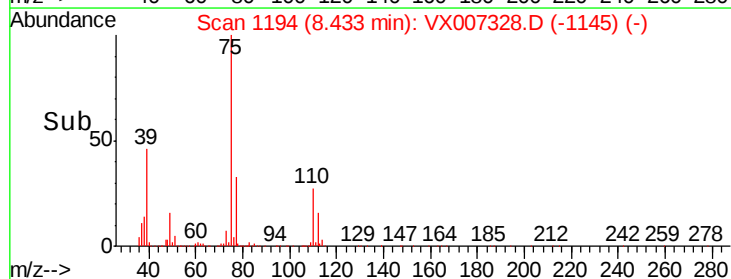
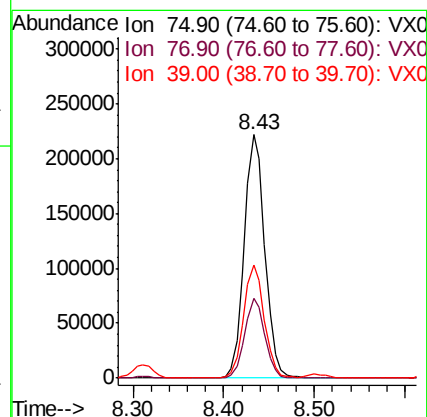
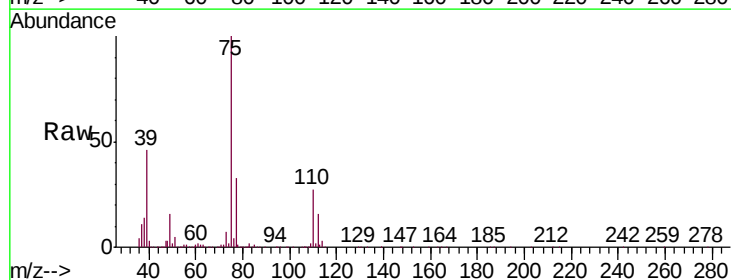
Tgt Ion: 75 Resp: 349374

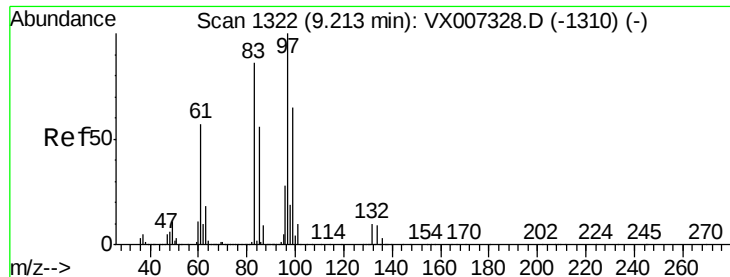
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

39 46.4 37.1 55.7

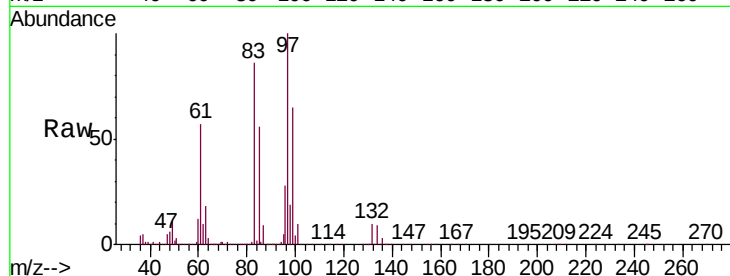




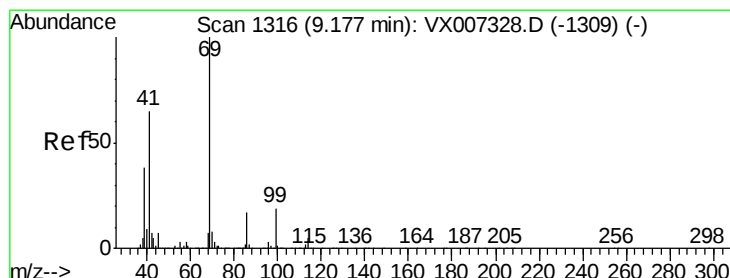
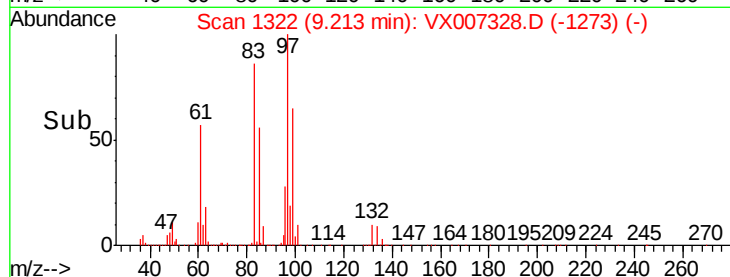
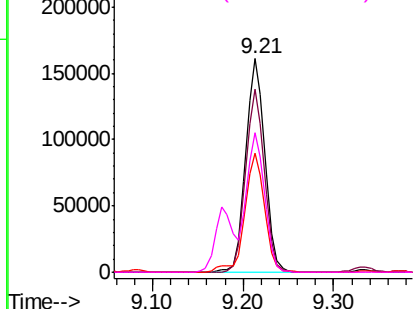
#55
1,1,2-Trichloroethane
Concen: 46.581 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	97	Resp:	234697
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.6	102.8
85	55.6	44.5	66.7
99	65.3	52.2	78.4

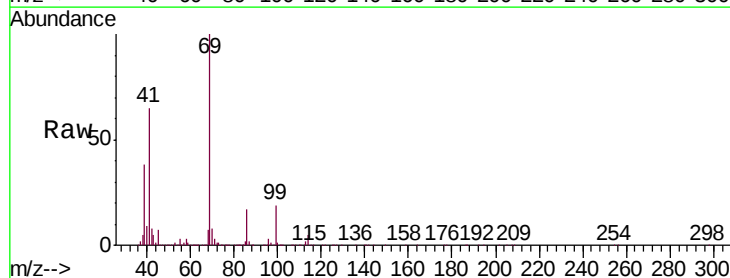


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

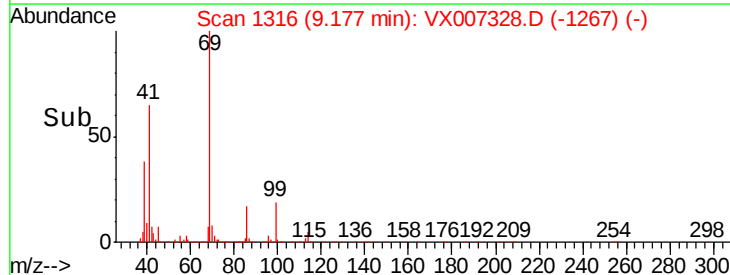
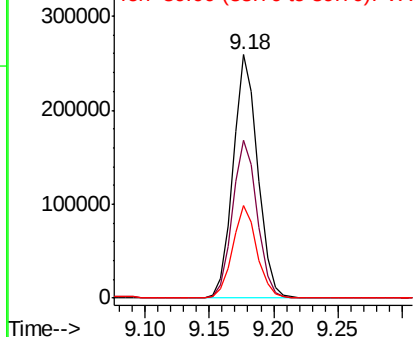


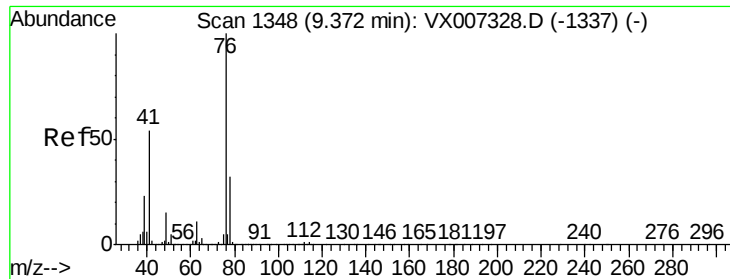
#56
Ethyl methacrylate
Concen: 49.631 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:	69	Resp:	346337
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	37.6	30.1	45.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.321 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

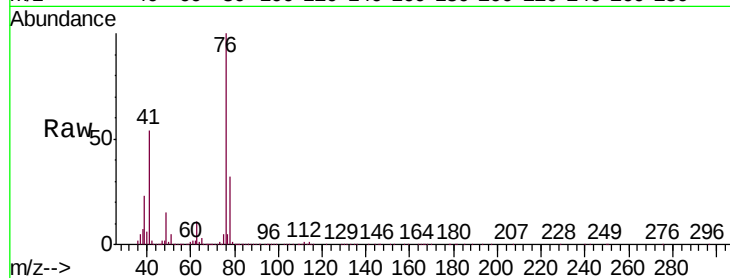
VSTDICCC050

Tgt Ion: 76 Resp: 379163

Ion Ratio Lower Upper

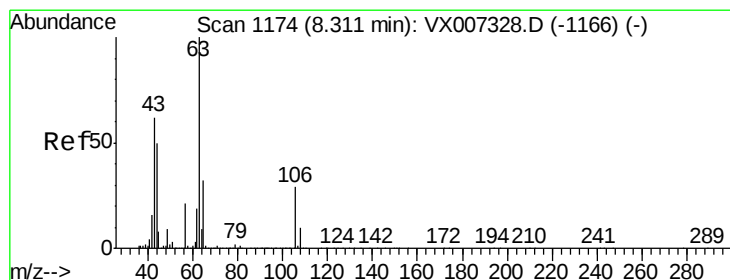
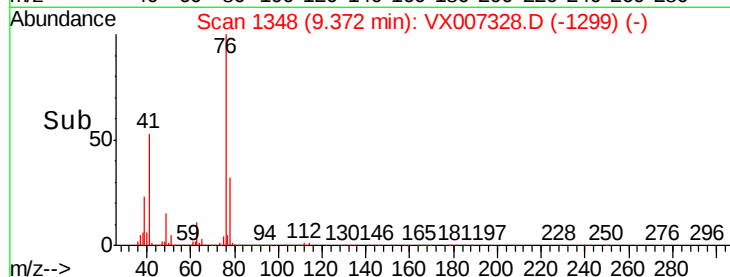
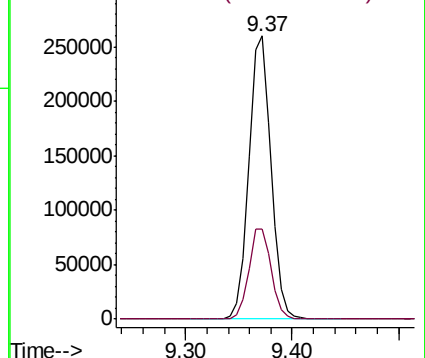
76 100

78 32.3 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: 251.306 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007328.D

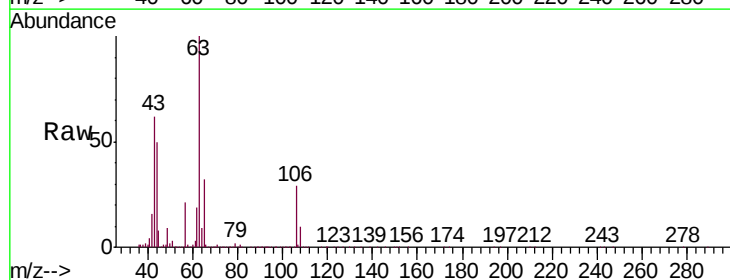
Acq: 01 Feb 2019 10:55

Tgt Ion: 63 Resp: 924336

Ion Ratio Lower Upper

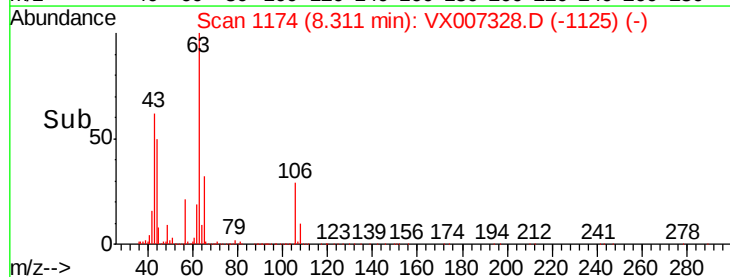
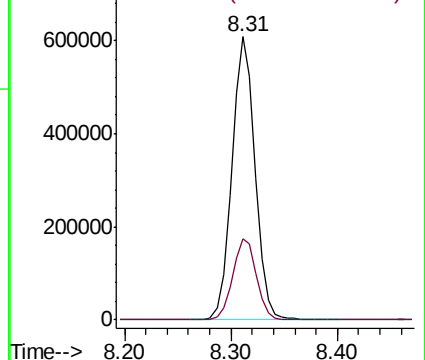
63 100

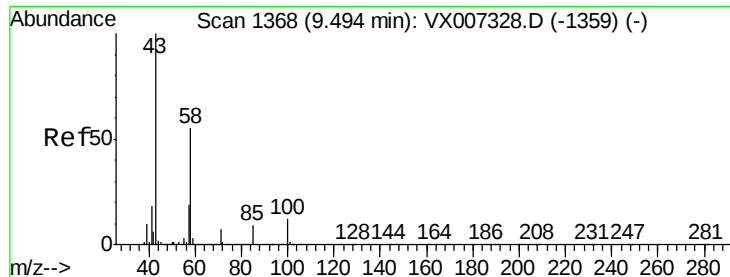
106 29.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

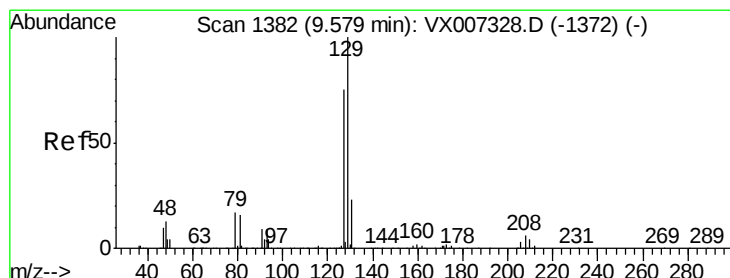
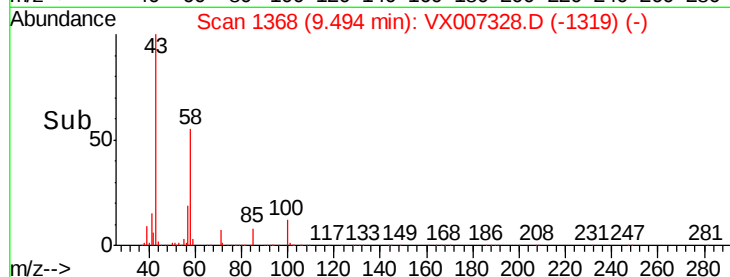
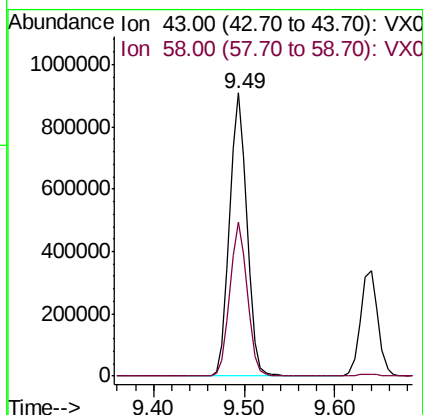
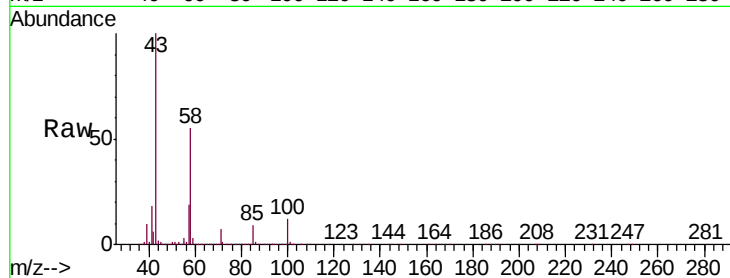




#59
2-Hexanone
Concen: 238.488 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

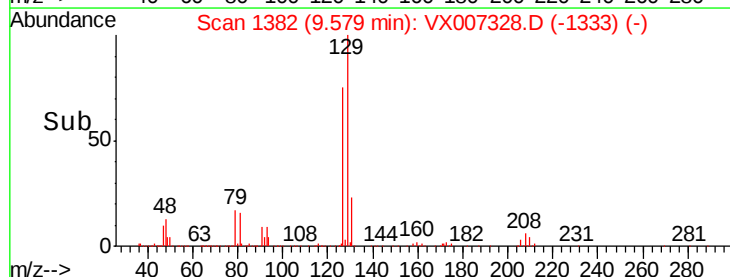
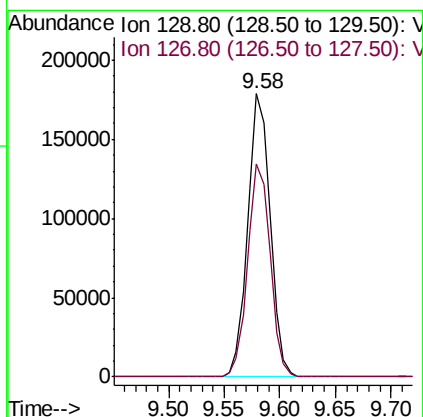
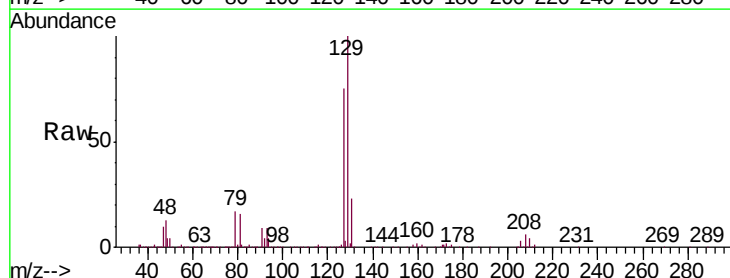
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

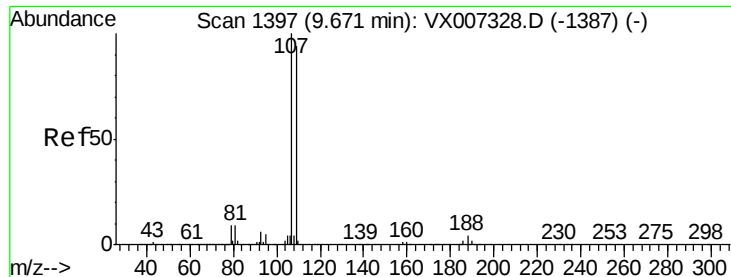
Tgt Ion: 43 Resp: 1212334
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 52.784 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 129 Resp: 251523
Ion Ratio Lower Upper
129 100
127 75.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.272 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

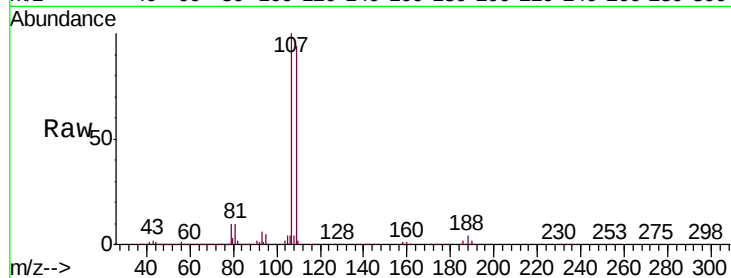
VSTDICCC050

Tgt Ion: 107 Resp: 257567

Ion Ratio Lower Upper

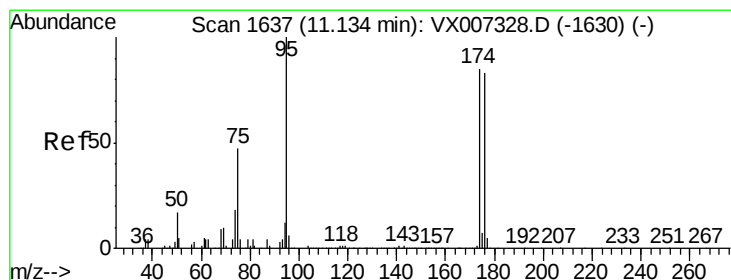
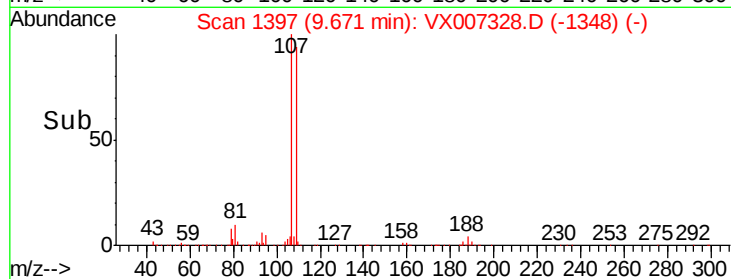
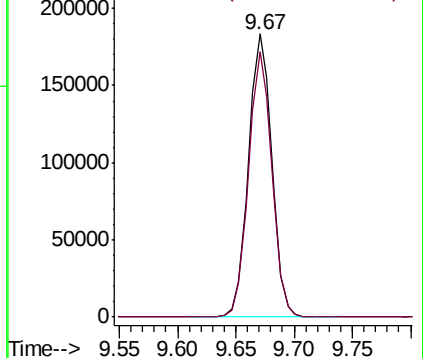
107 100

109 93.9 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: 50.033 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

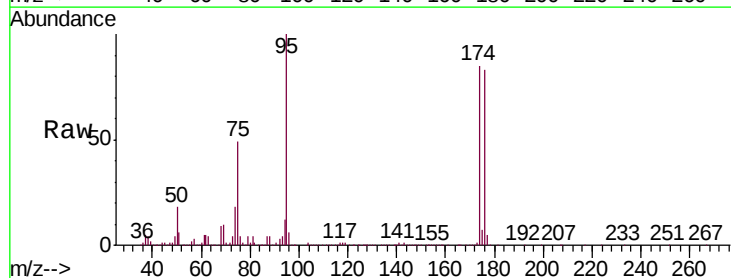
Tgt Ion: 95 Resp: 312576

Ion Ratio Lower Upper

95 100

174 94.6 0.0 189.2

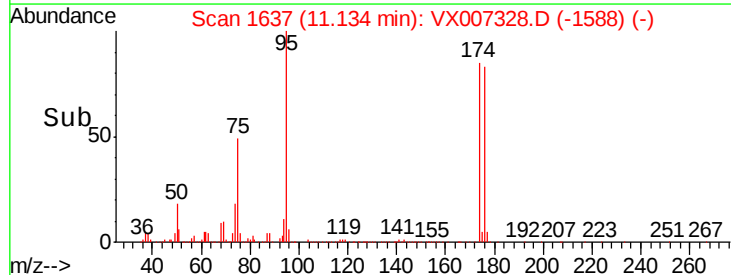
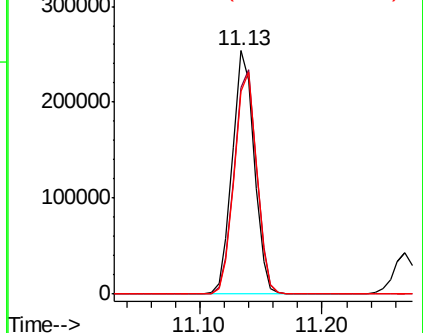
176 93.1 0.0 186.2

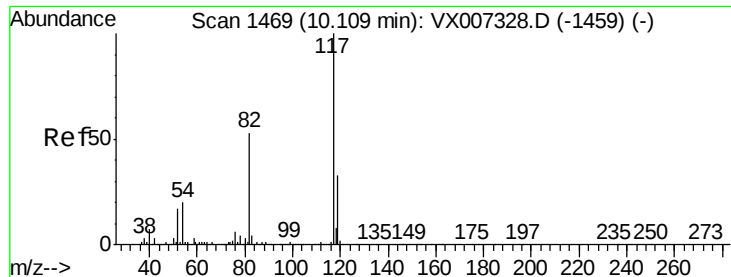


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

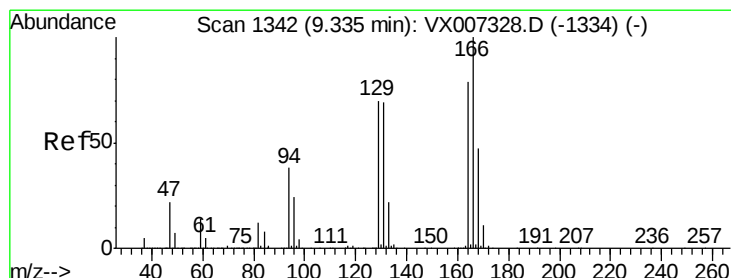
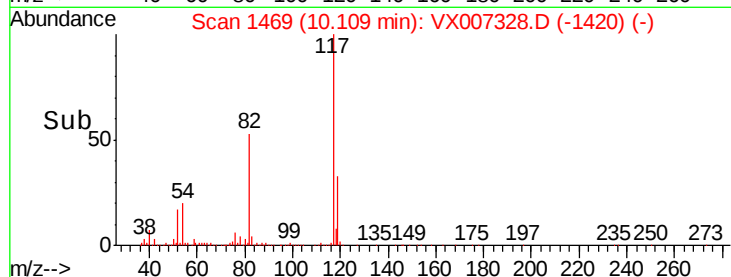
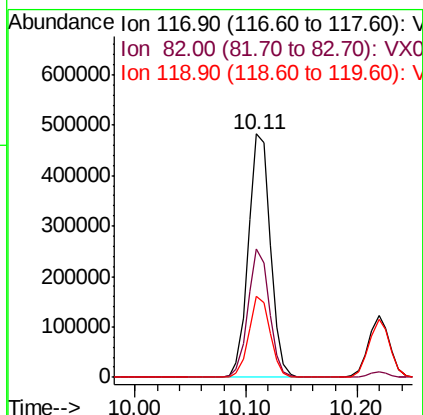
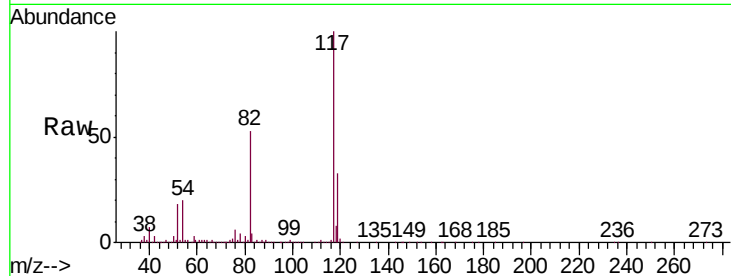




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

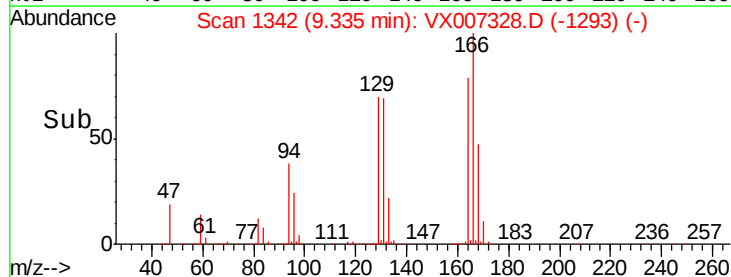
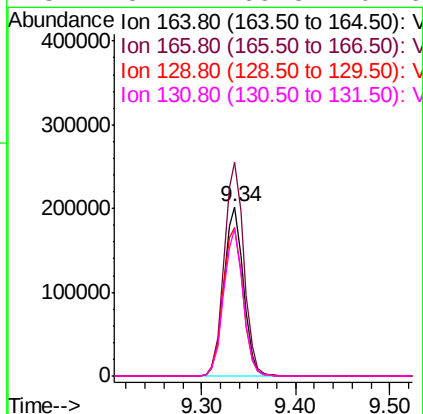
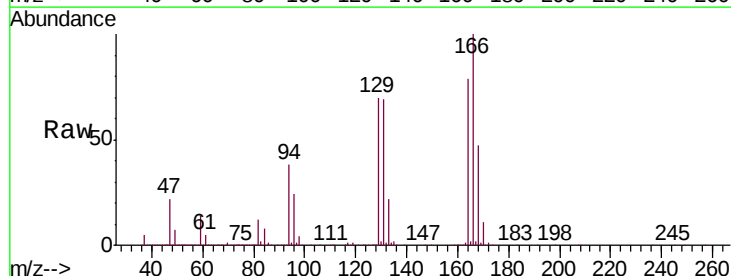
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

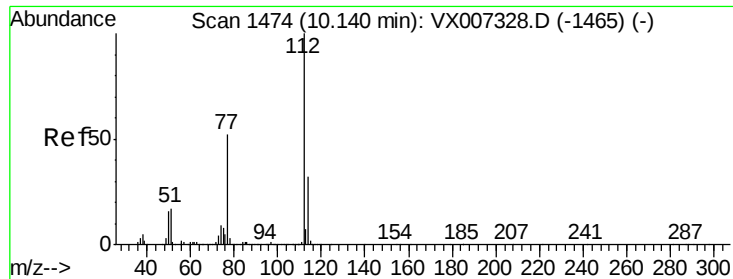
Tgt Ion:117 Resp: 662221
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 33.1 26.5 39.7



#64
Tetrachloroethene
Concen: 46.272 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:164 Resp: 288811
Ion Ratio Lower Upper
164 100
166 126.2 101.0 151.4
129 88.1 70.5 105.7
131 87.2 69.8 104.6

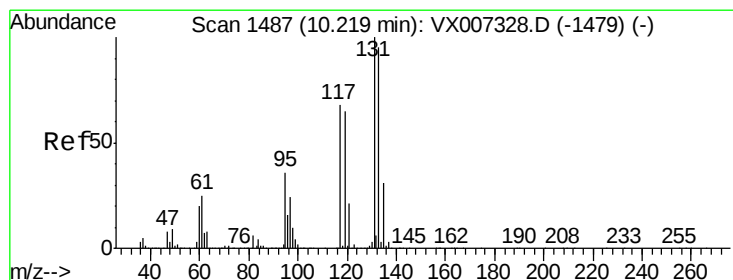
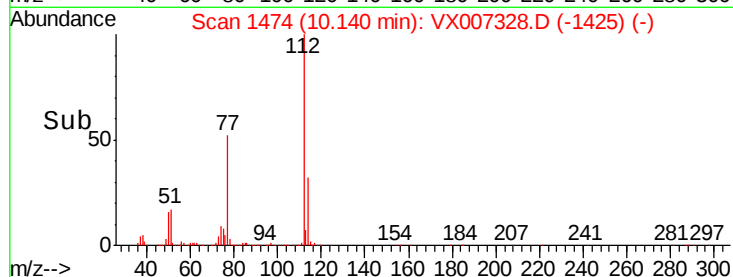
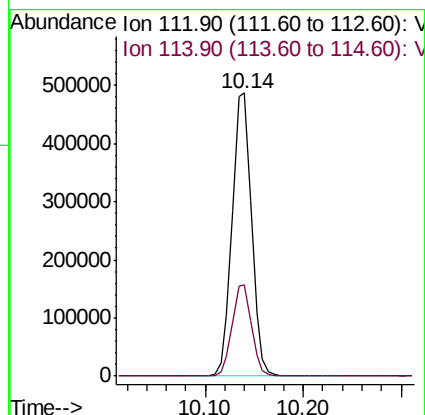
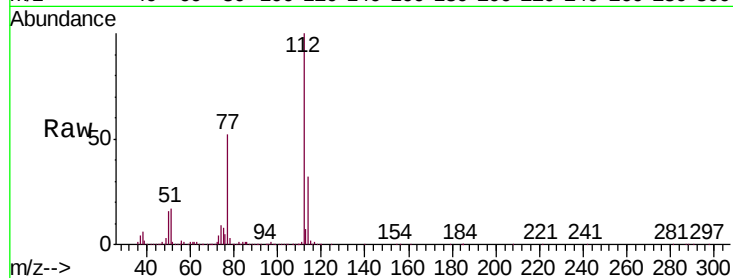




#65
Chlorobenzene
Concen: 46.652 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

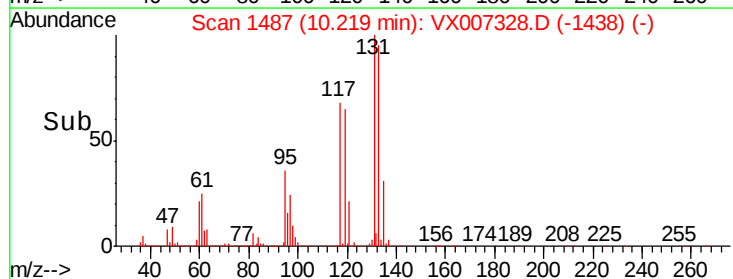
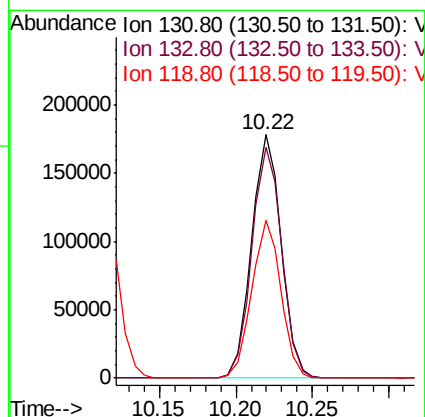
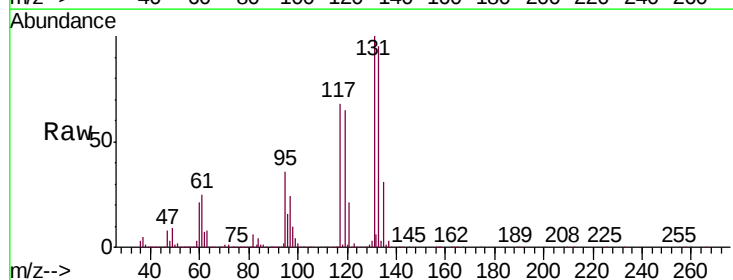
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

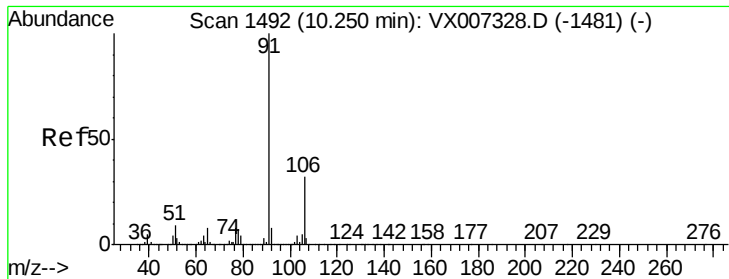
Tgt Ion:112 Resp: 674162
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.466 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:131 Resp: 239661
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 64.0 32.0 96.0

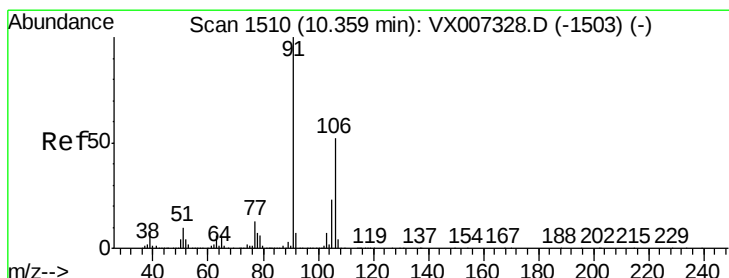
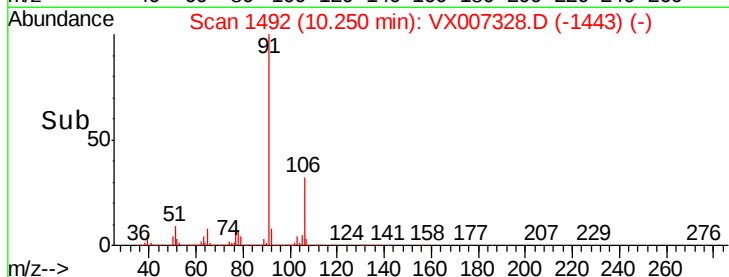
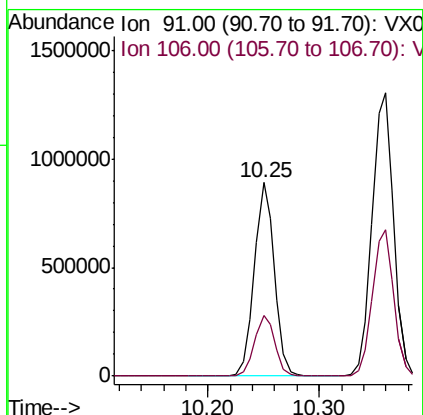
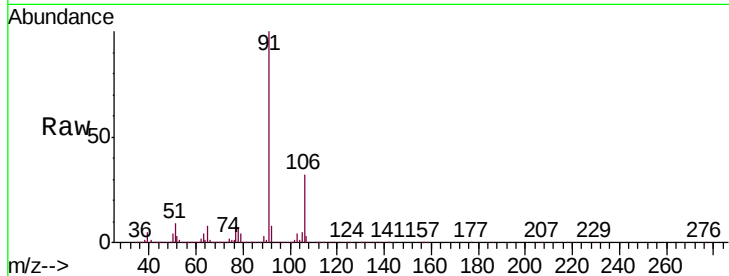




#67
Ethyl Benzene
Concen: 47.999 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

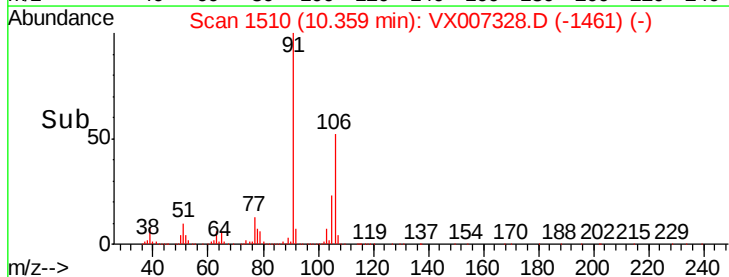
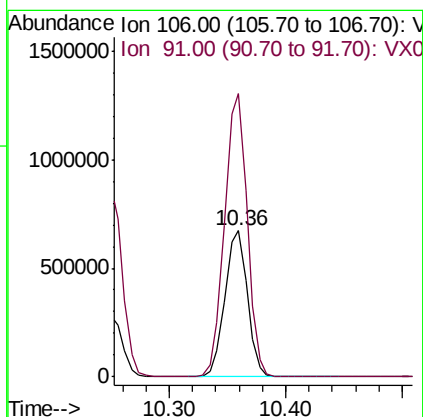
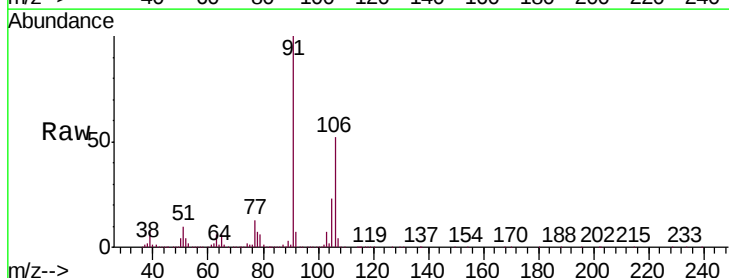
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

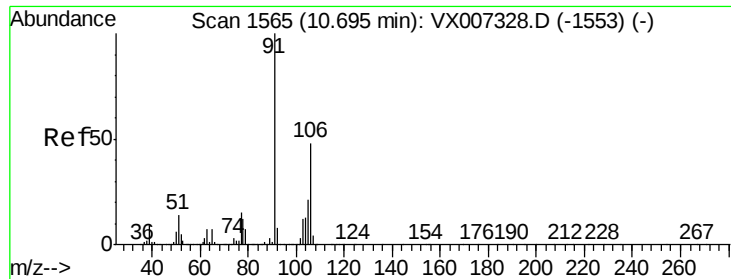
Tgt Ion: 91 Resp: 1117018
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 97.212 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 106 Resp: 899282
Ion Ratio Lower Upper
106 100
91 195.7 156.6 234.8

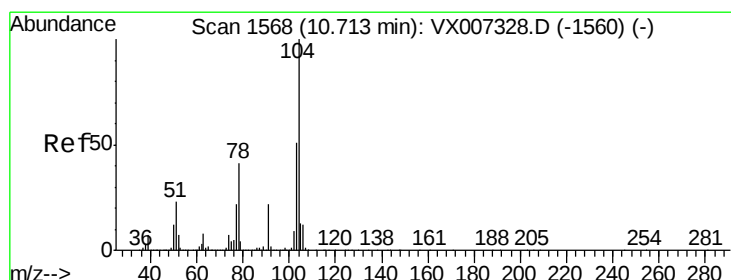
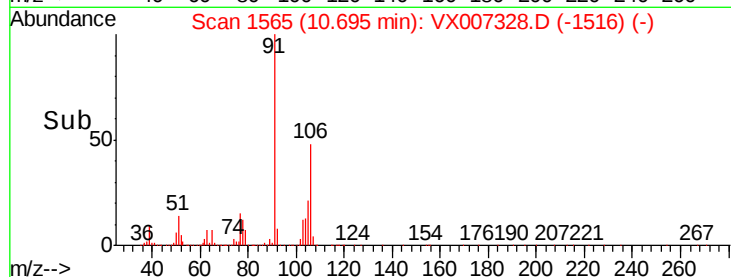
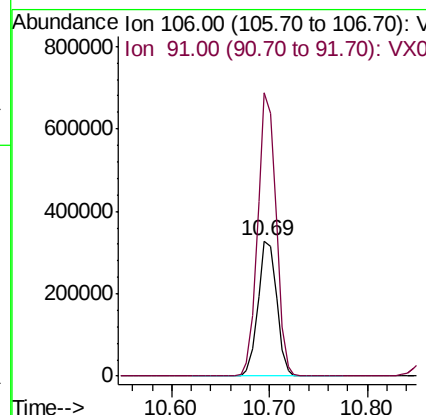
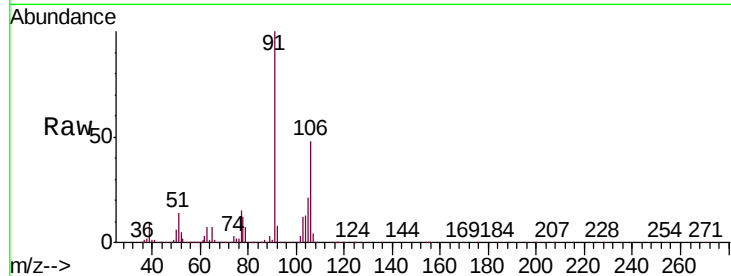




#69
o-Xylene
Concen: 48.906 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

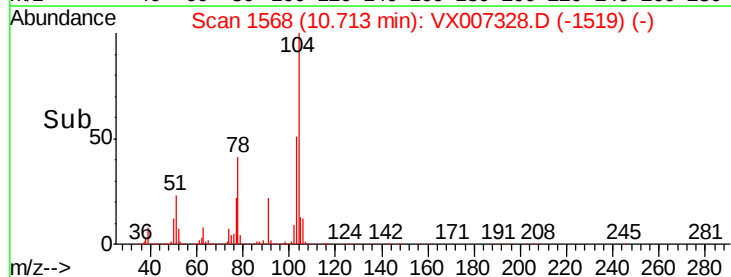
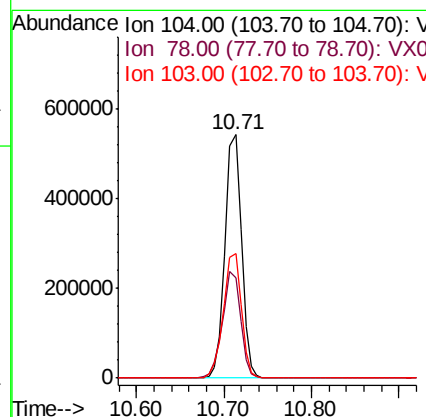
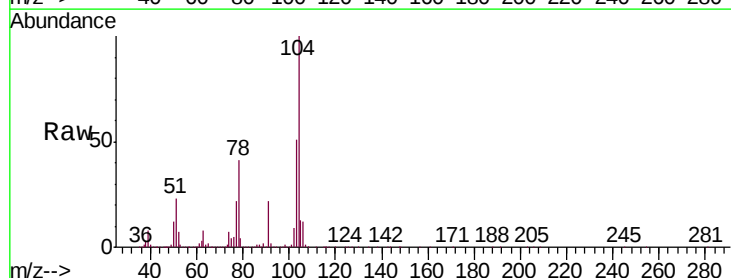
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

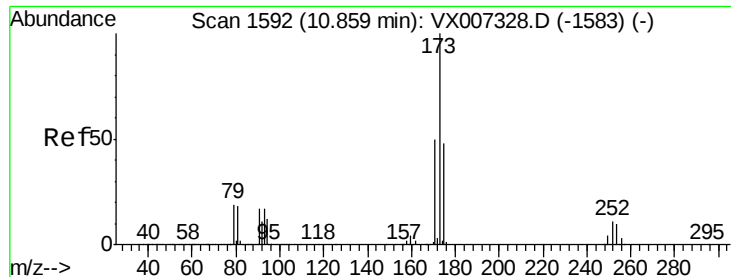
Tgt Ion:106 Resp: 435335
Ion Ratio Lower Upper
106 100
91 205.8 102.9 308.7



#70
Styrene
Concen: 49.314 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:104 Resp: 711909
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 55.8 44.6 67.0

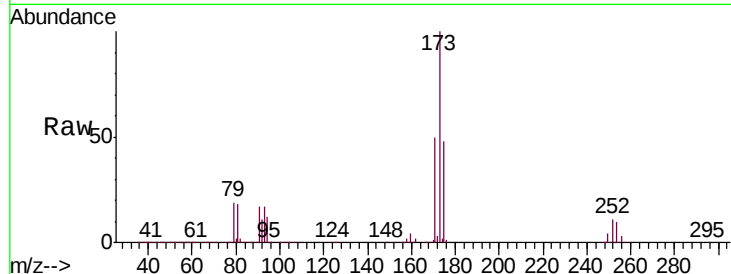




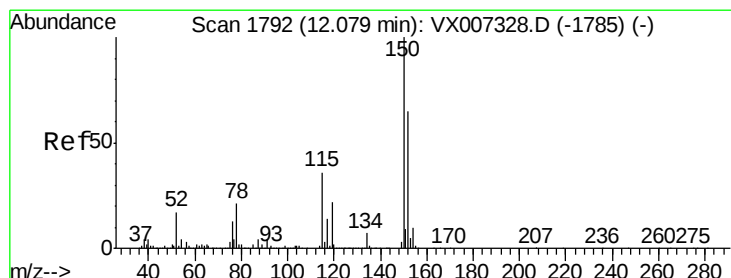
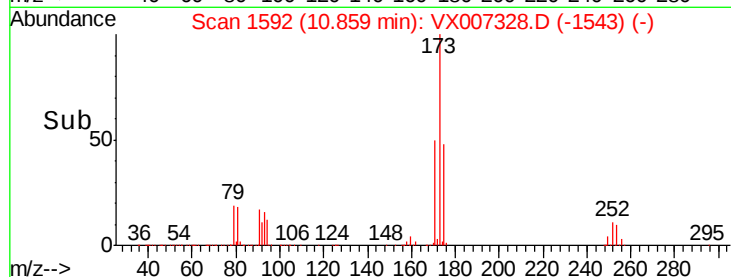
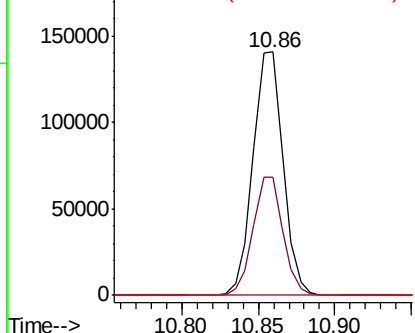
#71
 Bromoform
 Concen: 51.717 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:173 Resp: 193870
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.2 72.6
 254 0.2 0.2 0.2#

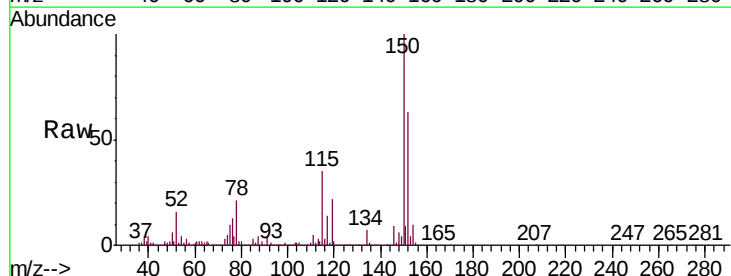


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

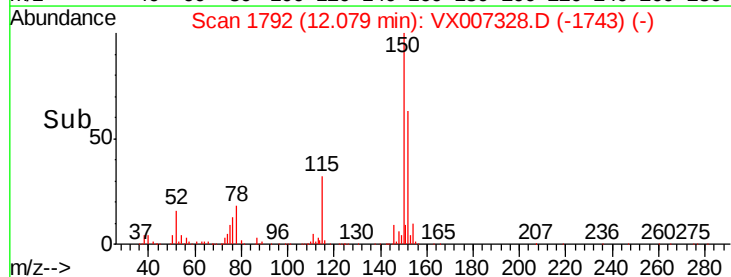
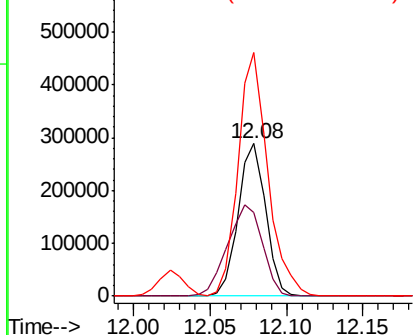


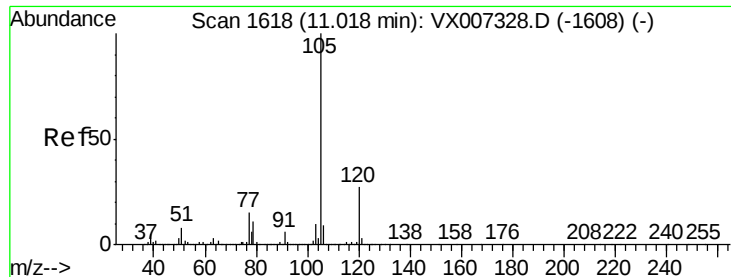
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion:152 Resp: 359125
 Ion Ratio Lower Upper
 152 100
 115 76.0 38.0 114.0
 150 173.2 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: 47.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

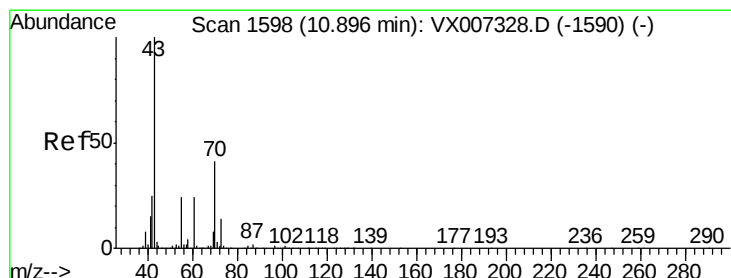
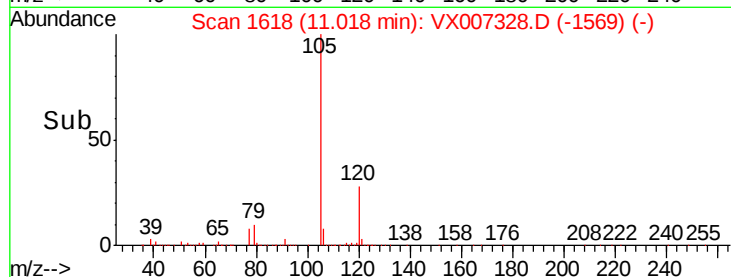
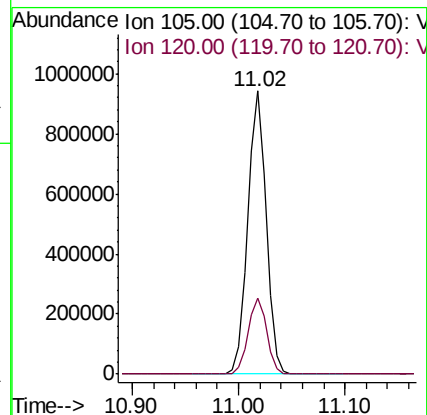
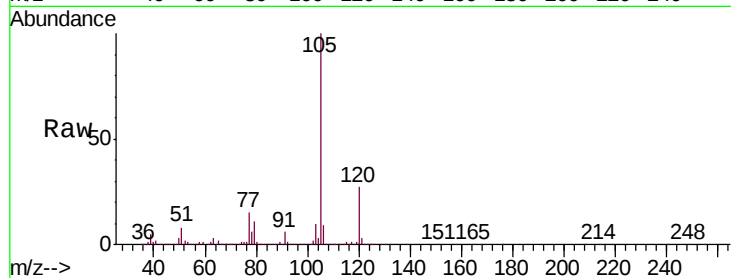
VSTDICCC050

Tgt Ion:105 Resp: 1149592

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 47.673 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion: 43 Resp: 450007

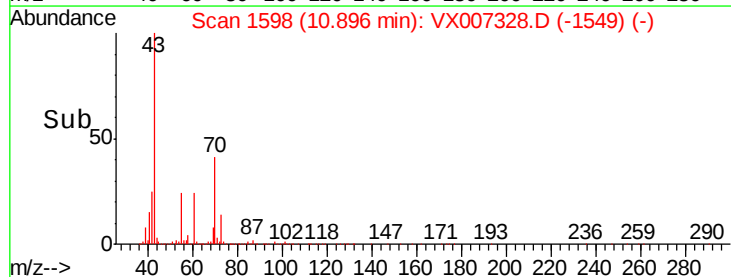
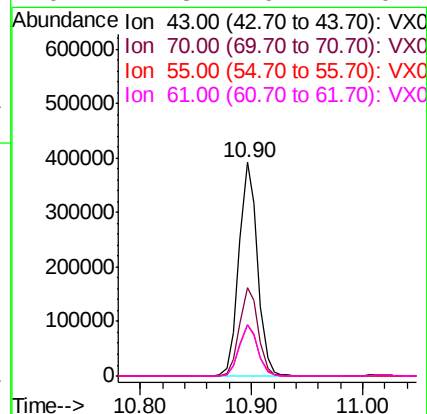
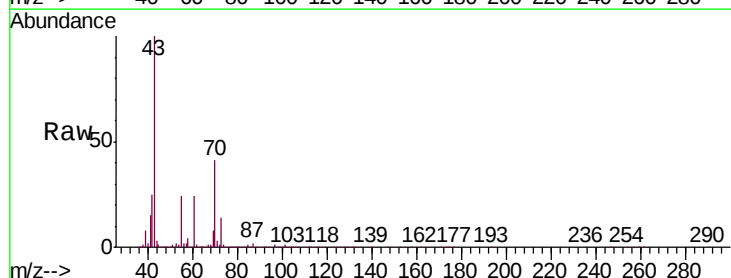
Ion Ratio Lower Upper

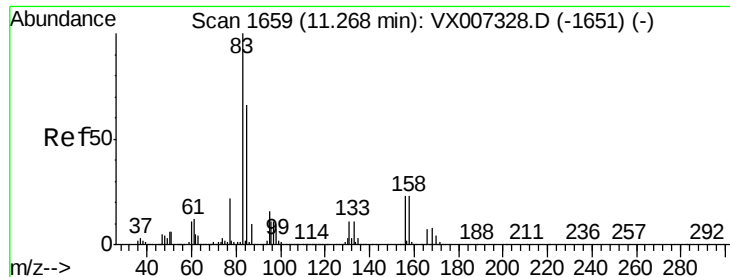
43 100

70 42.2 33.8 50.6

55 24.4 19.5 29.3

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.465 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

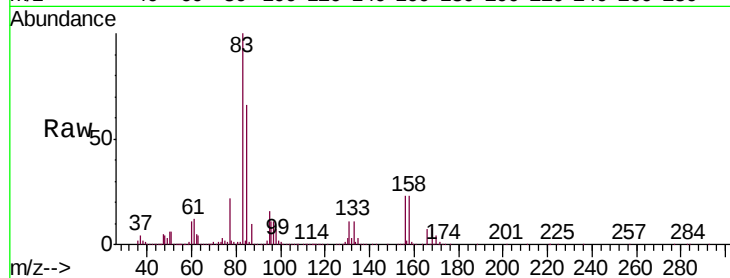
Tgt Ion: 83 Resp: 338146

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

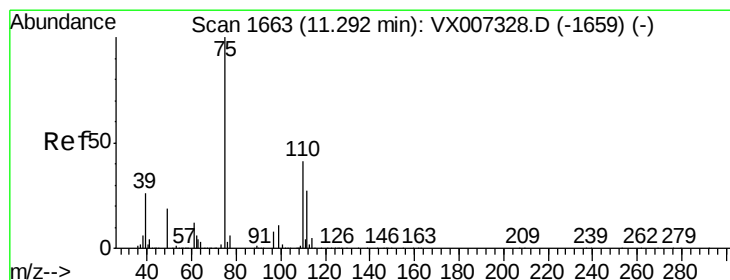
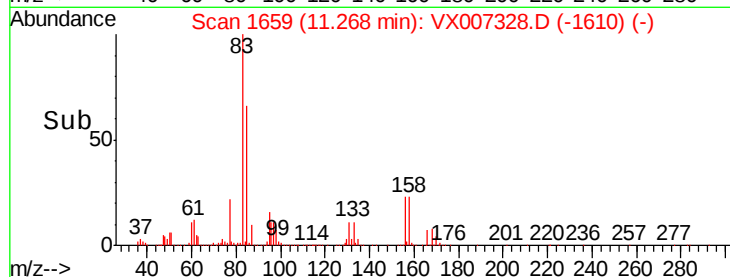
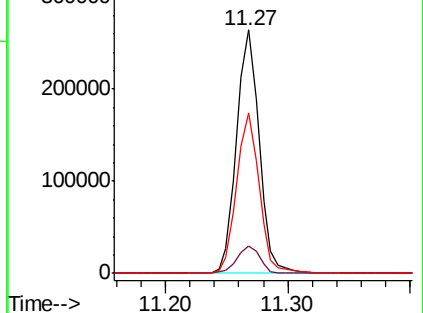
85 65.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.255 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007328.D

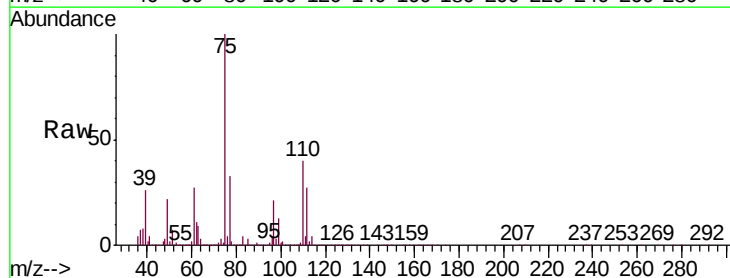
Acq: 01 Feb 2019 10:55

Tgt Ion: 75 Resp: 402308

Ion Ratio Lower Upper

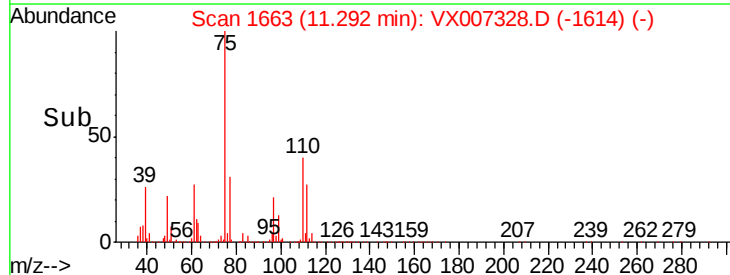
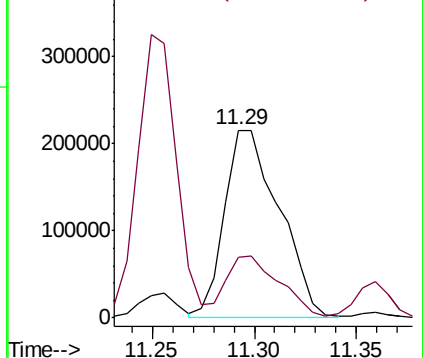
75 100

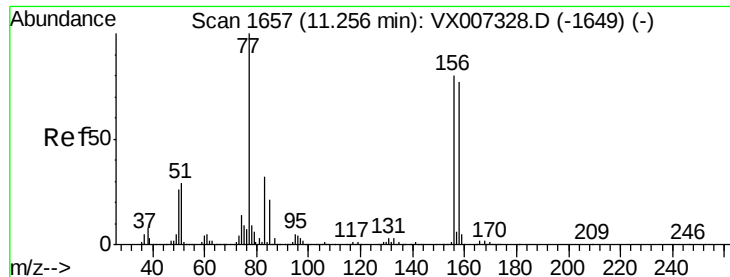
77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.312 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

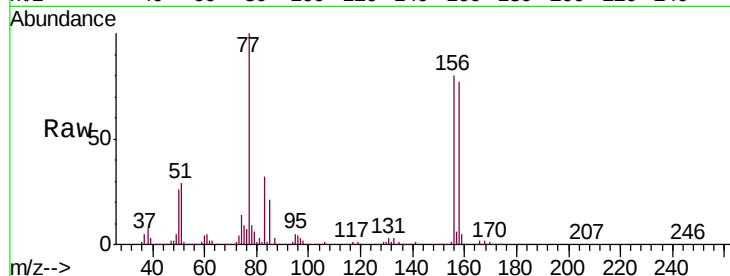
Tgt Ion:156 Resp: 318445

Ion Ratio Lower Upper

156 100

77 133.7 66.8 200.6

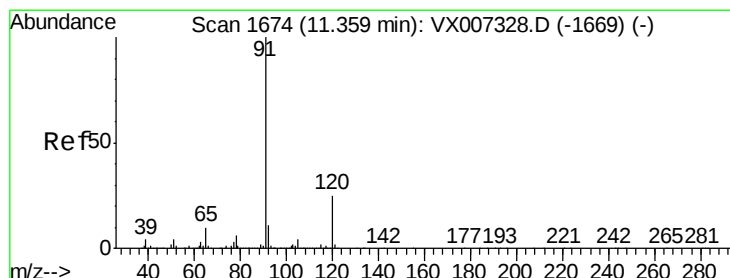
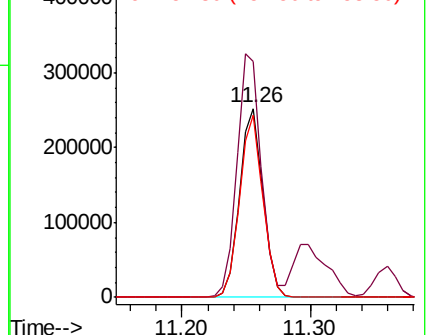
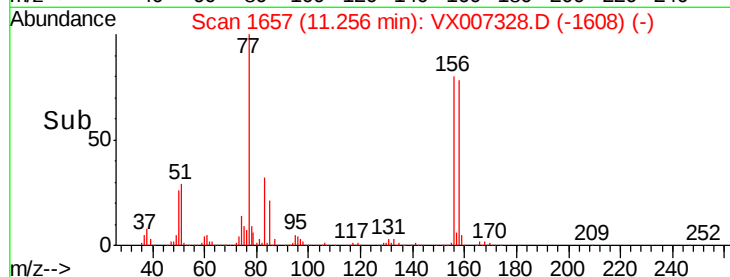
158 95.9 47.9 143.8



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: 48.816 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007328.D

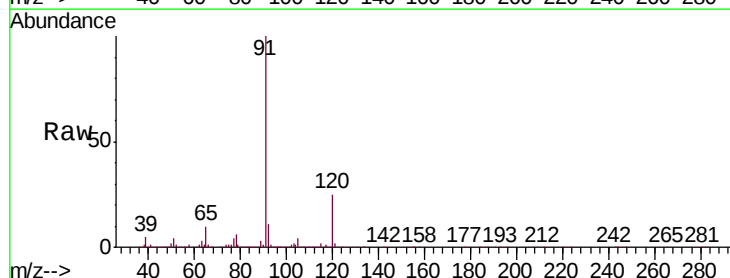
Acq: 01 Feb 2019 10:55

Tgt Ion: 91 Resp: 1306367

Ion Ratio Lower Upper

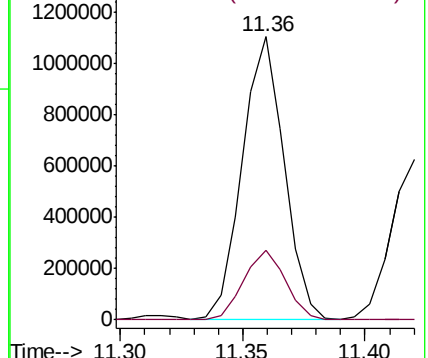
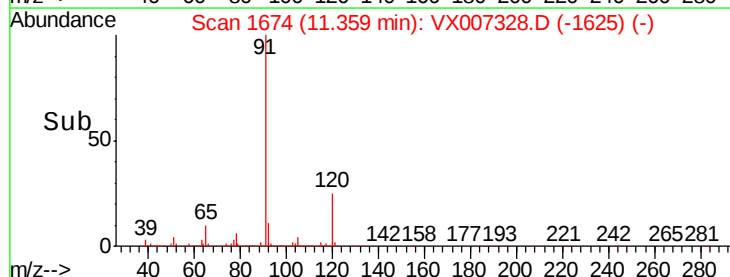
91 100

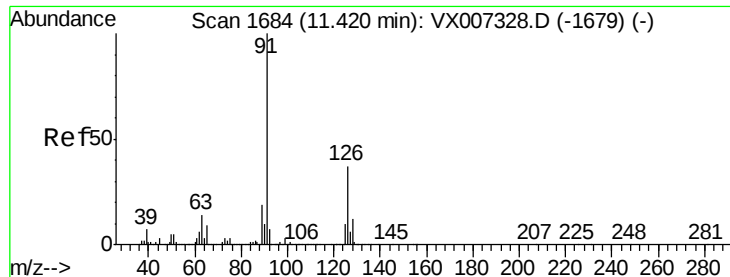
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.951 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

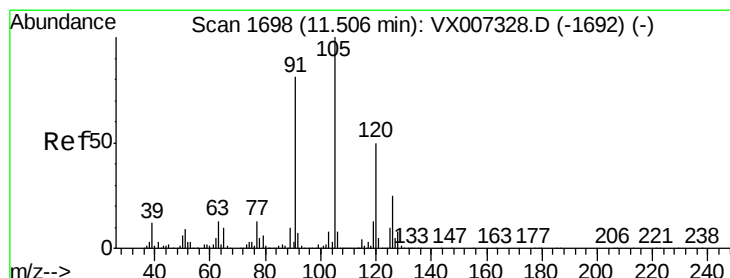
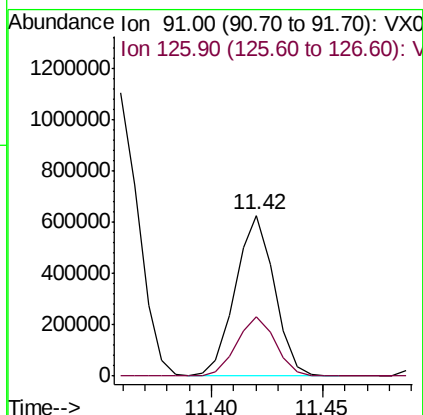
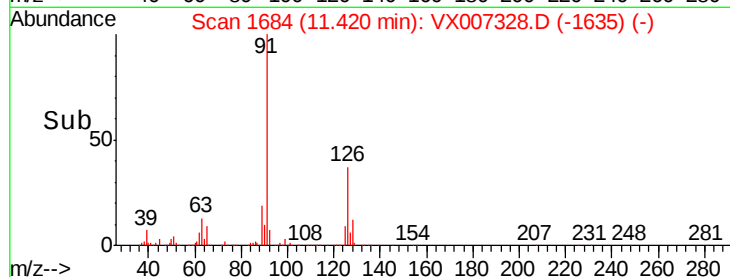
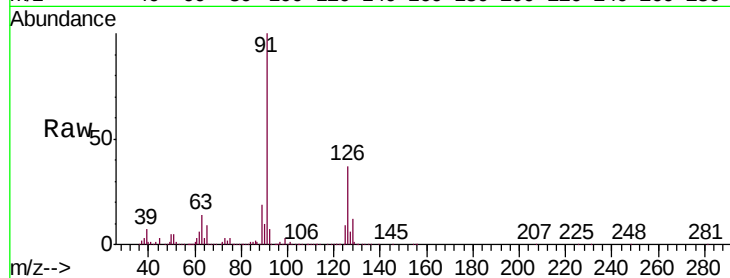
VSTDICCC050

Tgt Ion: 91 Resp: 762387

Ion Ratio Lower Upper

91 100

126 37.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 48.270 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007328.D

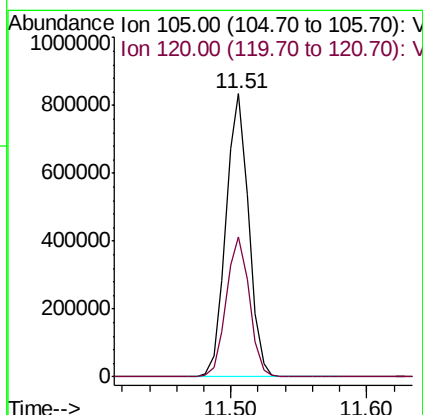
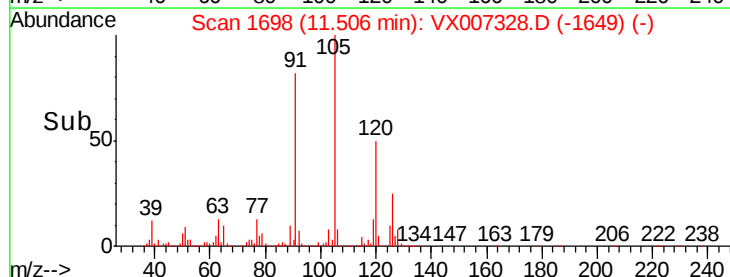
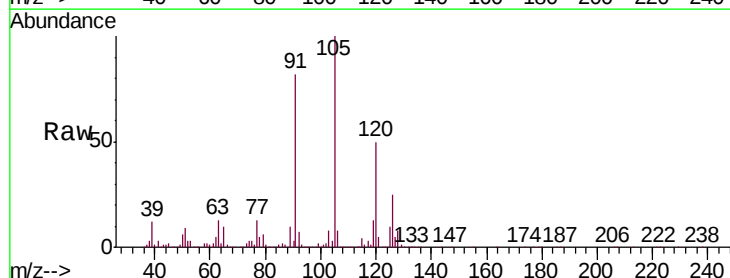
Acq: 01 Feb 2019 10:55

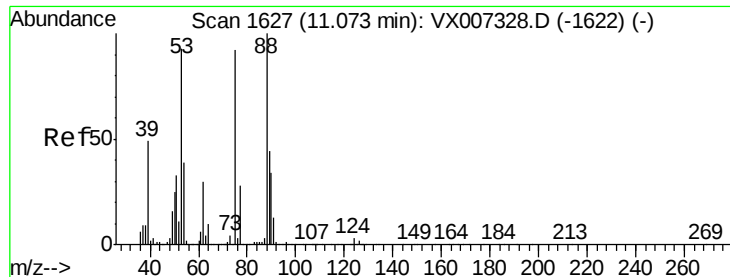
Tgt Ion: 105 Resp: 963744

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8

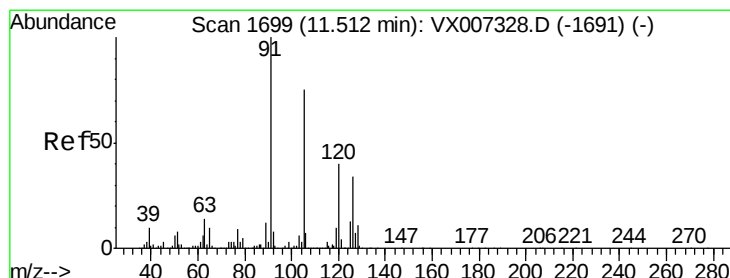
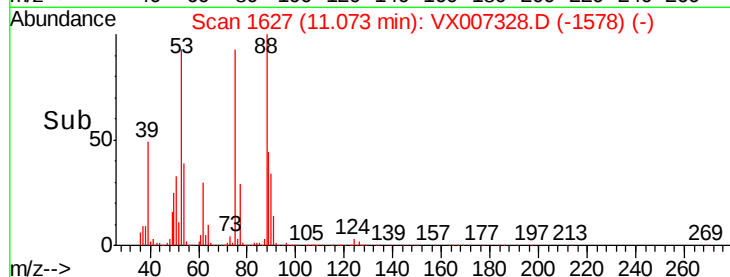
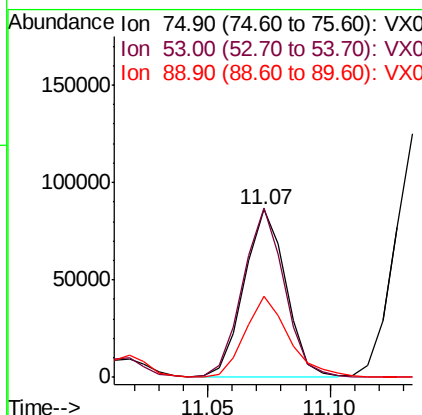
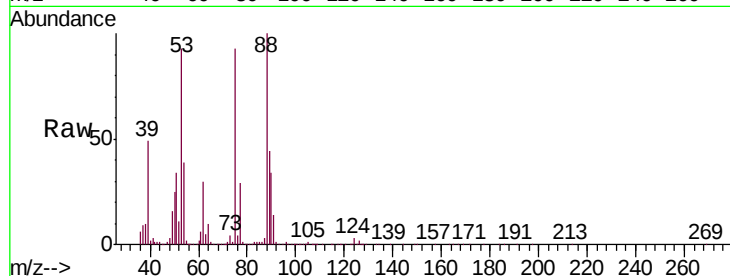




#81
trans-1,4-Dichloro-2-butene
Concen: 50.491 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

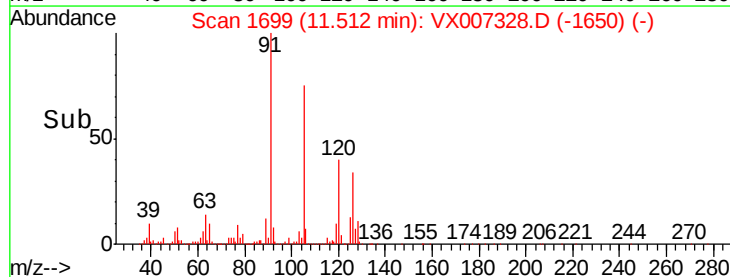
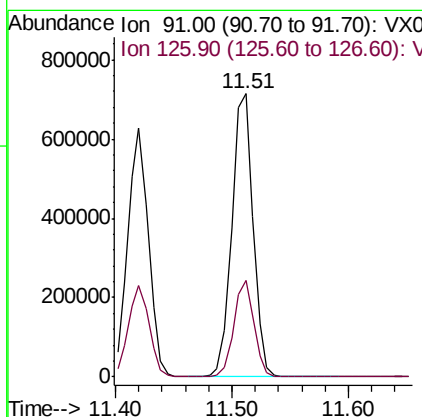
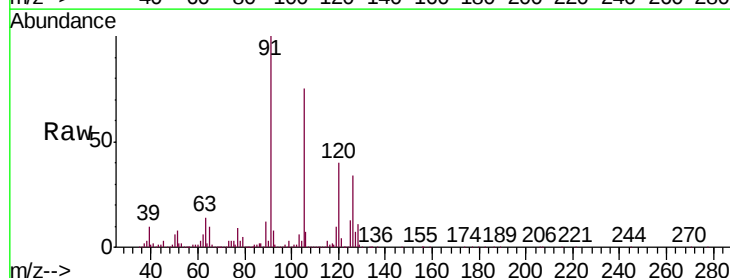
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

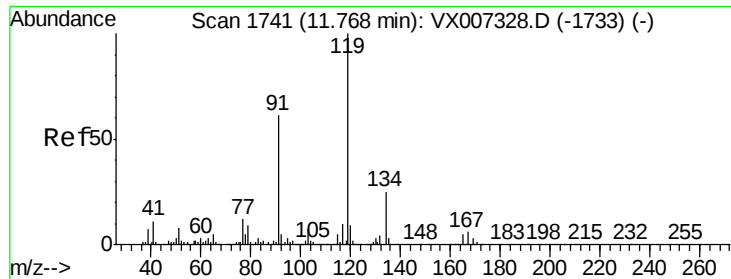
Tgt Ion: 75 Resp: 101586
Ion Ratio Lower Upper
75 100
53 101.3 81.0 121.6
89 51.7 41.4 62.0



#82
4-Chlorotoluene
Concen: 48.403 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 91 Resp: 909457
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

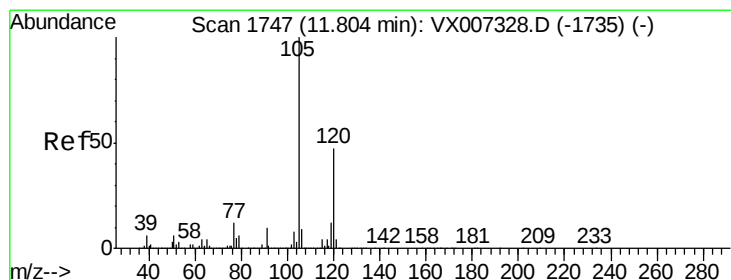
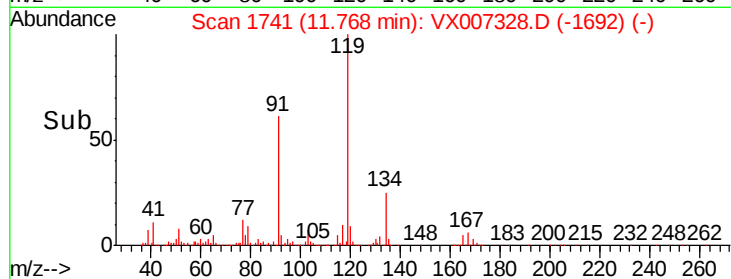
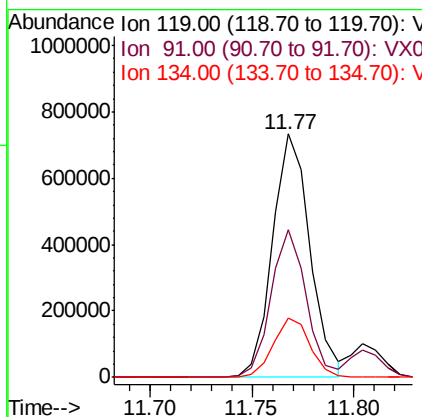
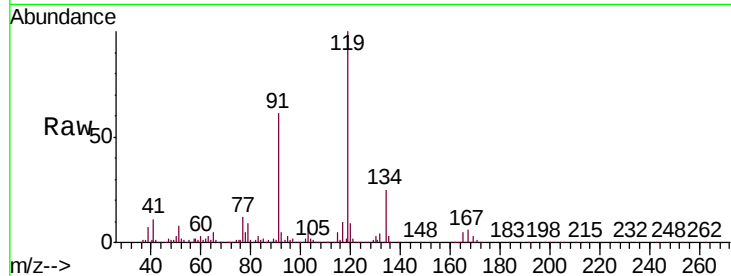




#83
 tert-Butylbenzene
 Concen: 47.538 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

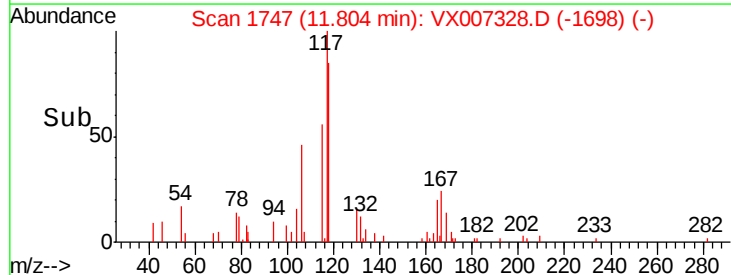
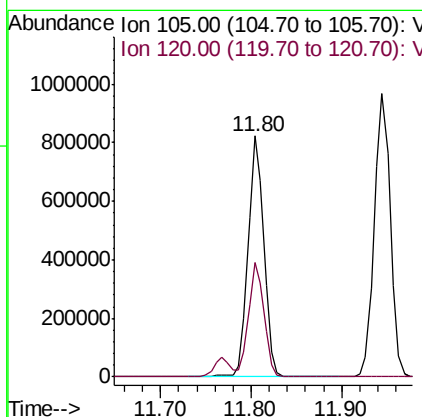
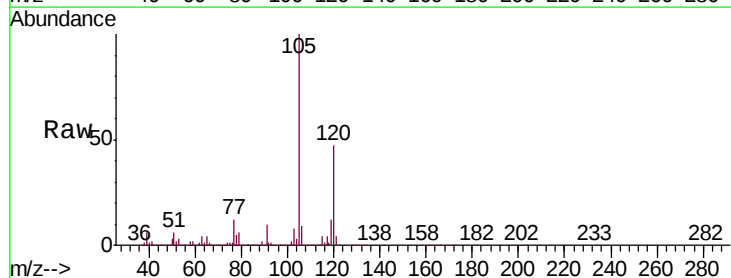
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

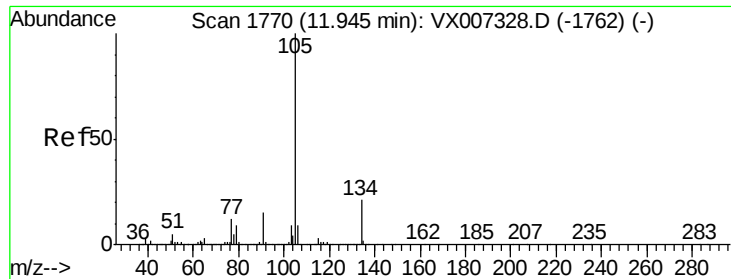
Tgt Ion:119 Resp: 939700
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.5 85.6
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.786 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion:105 Resp: 988897
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 49.379 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

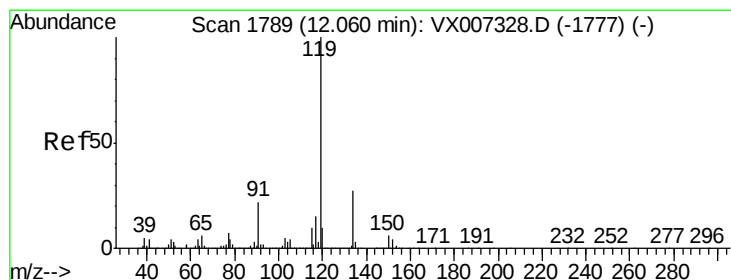
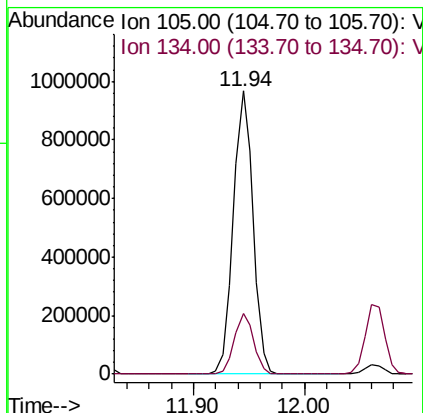
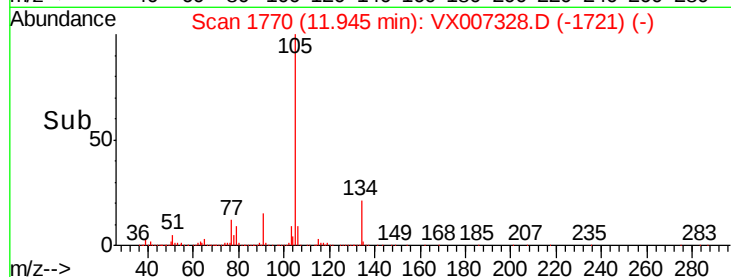
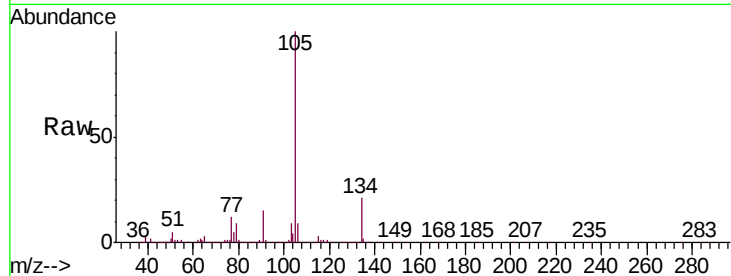
VSTDICCC050

Tgt Ion:105 Resp: 1181381

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 49.253 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

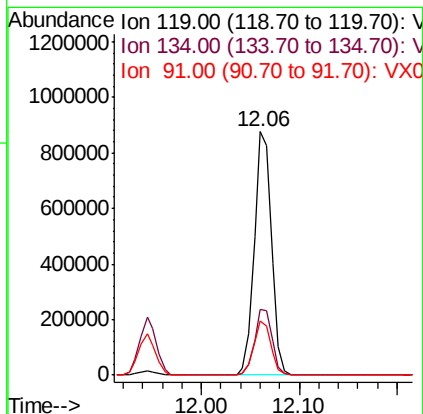
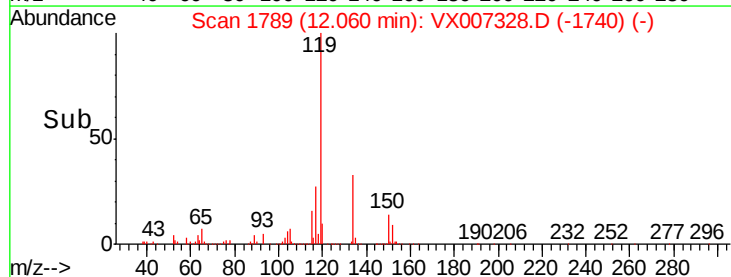
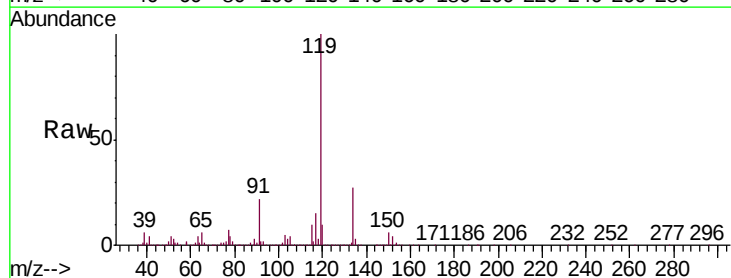
Tgt Ion:119 Resp: 1063705

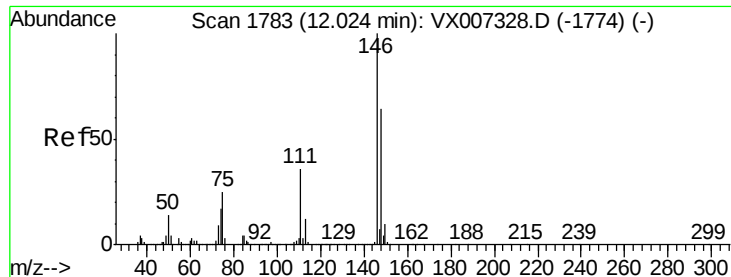
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.3 11.2 33.5

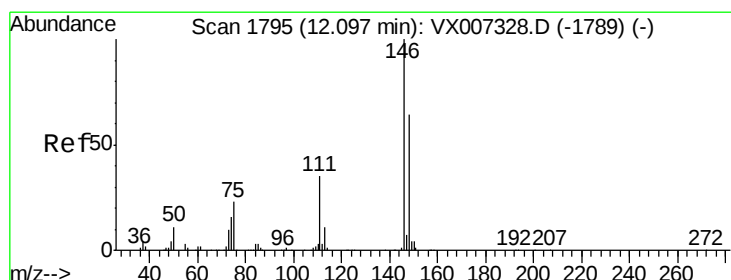
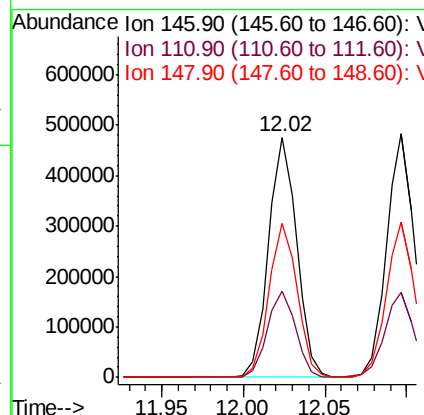
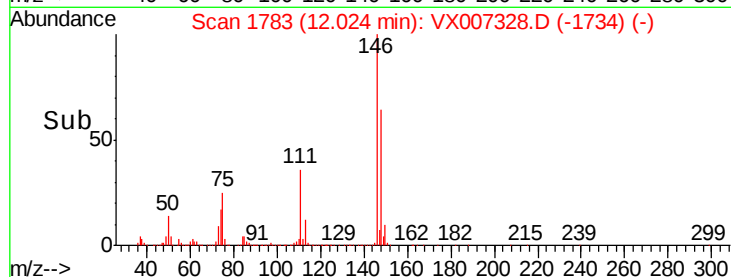
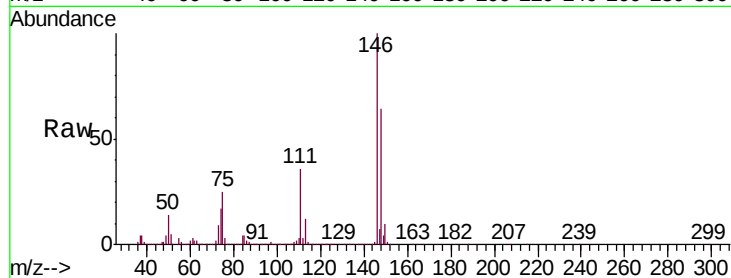




#87
 1,3-Dichlorobenzene
 Concen: 46.319 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

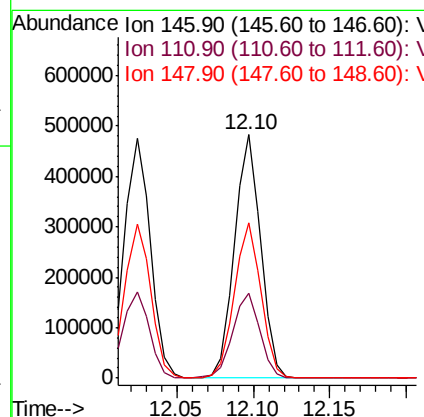
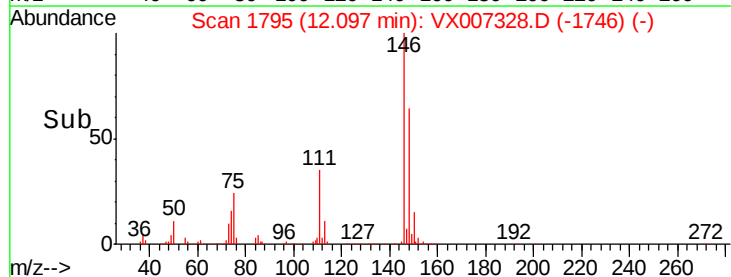
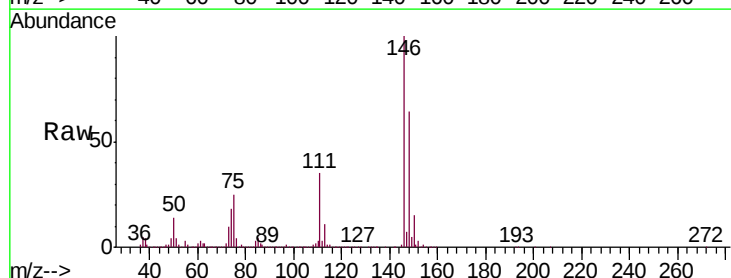
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

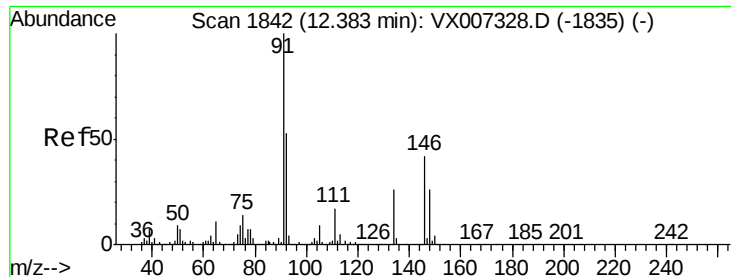
Tgt Ion:146 Resp: 571588
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.643 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion:146 Resp: 571042
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 64.6 32.3 96.9

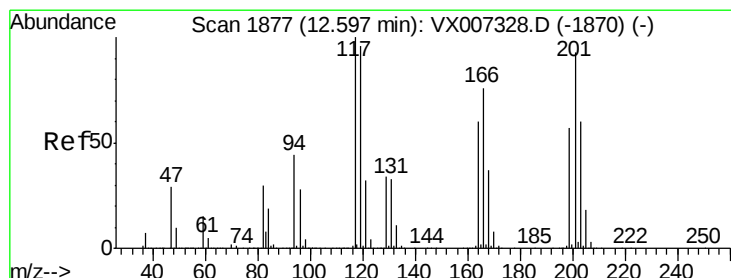
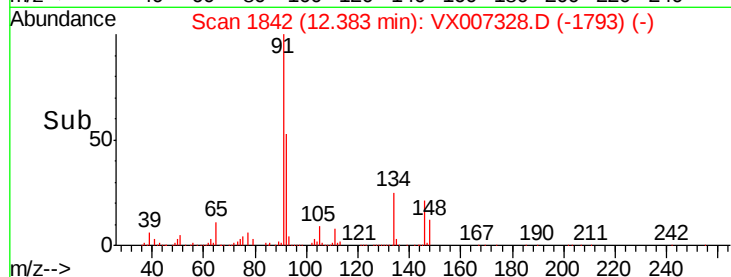
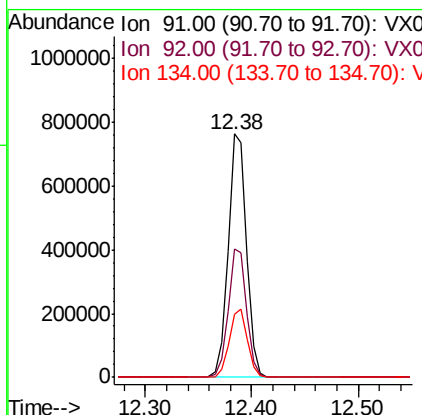
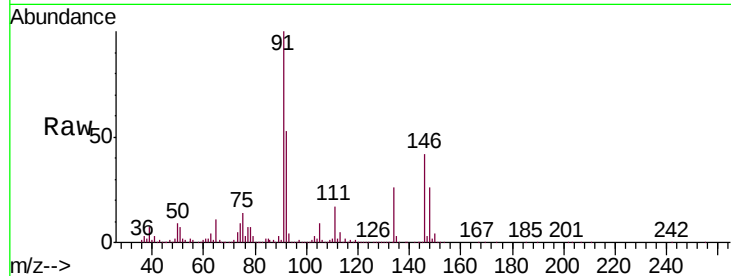




#89
n-Butylbenzene
Concen: 49.274 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

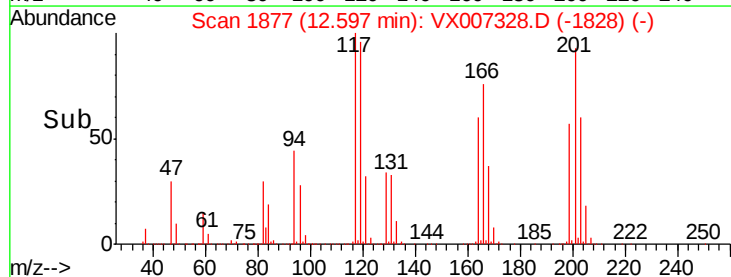
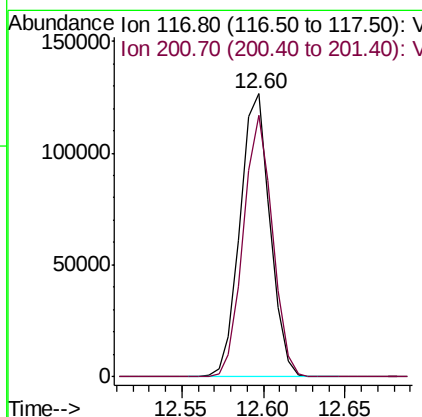
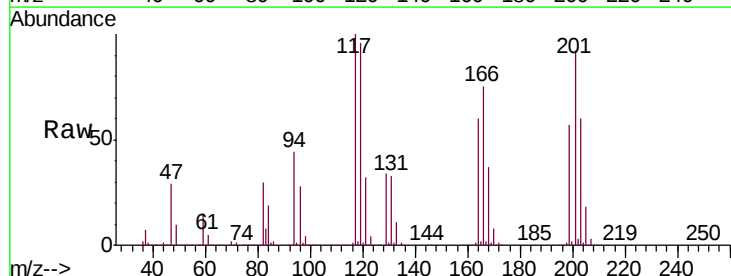
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

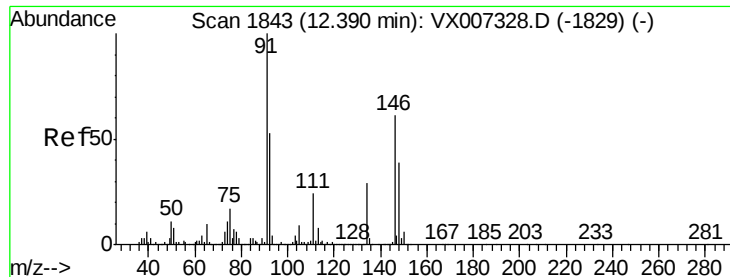
Tgt Ion: 91 Resp: 915433
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 27.7 13.9 41.6



#90
Hexachloroethane
Concen: 50.243 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 117 Resp: 162399
Ion Ratio Lower Upper
117 100
201 89.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 45.558 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

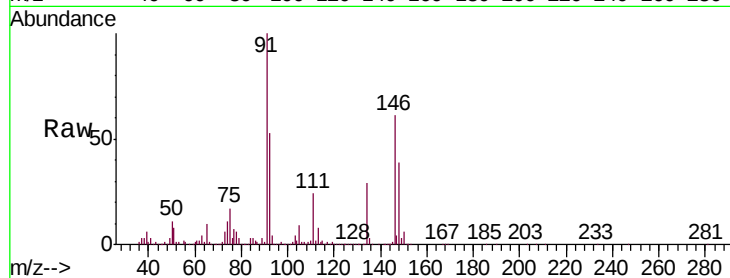
Tgt Ion:146 Resp: 559490

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

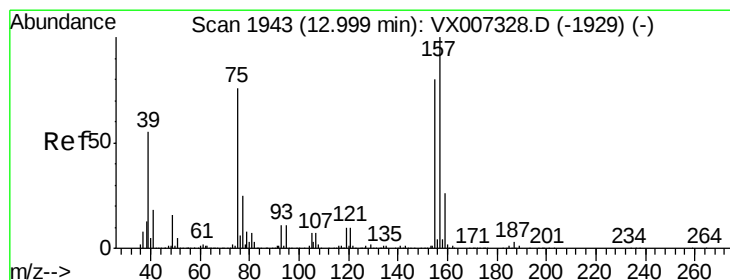
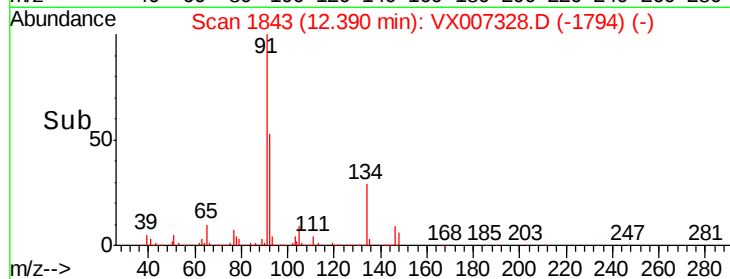
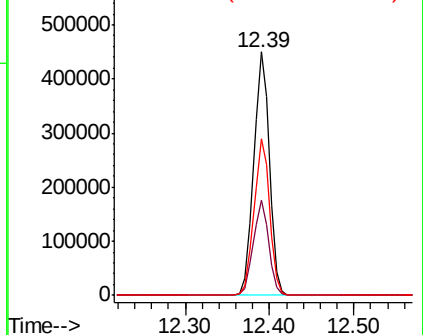
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.181 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

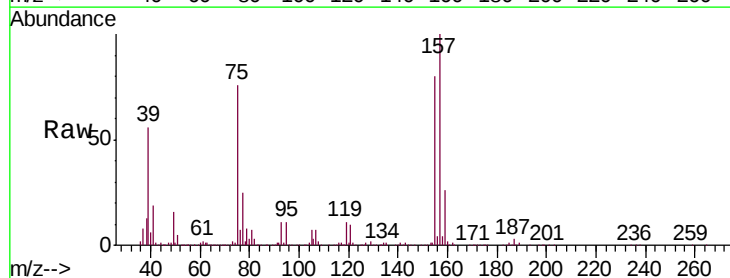
Tgt Ion: 75 Resp: 71418

Ion Ratio Lower Upper

75 100

155 99.3 49.6 149.0

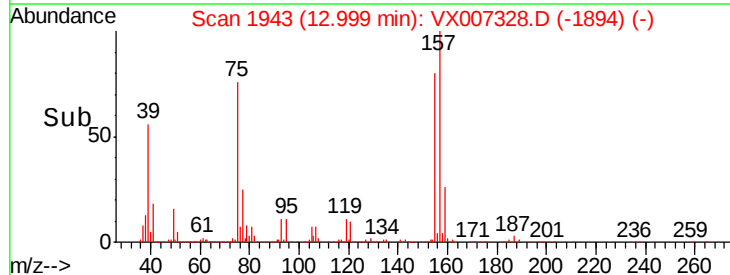
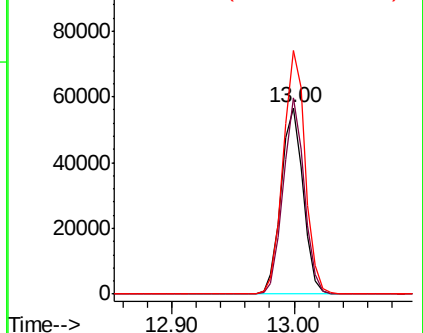
157 130.2 65.1 195.3

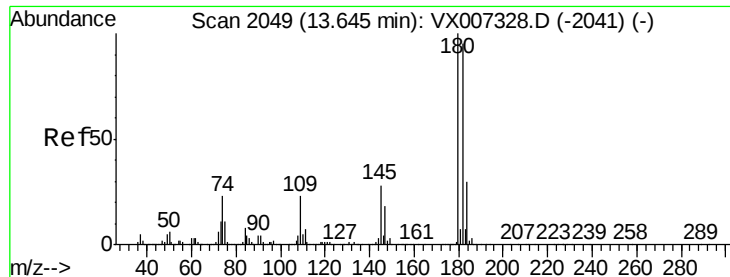


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

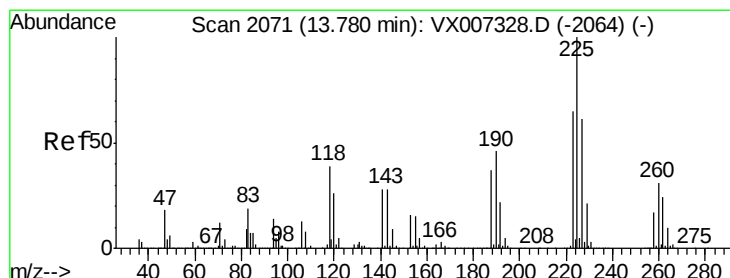
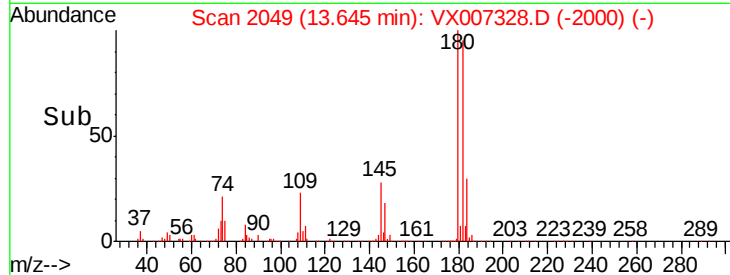
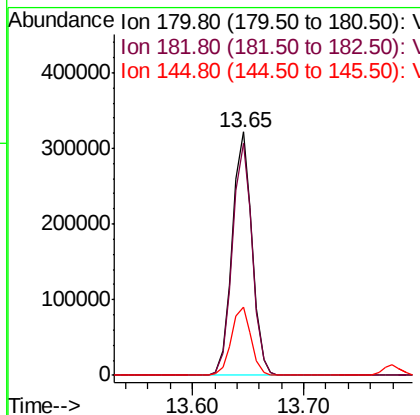
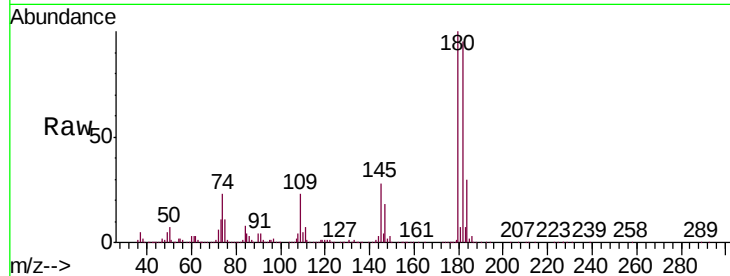




#93
 1,2,4-Trichlorobenzene
 Concen: 47.434 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

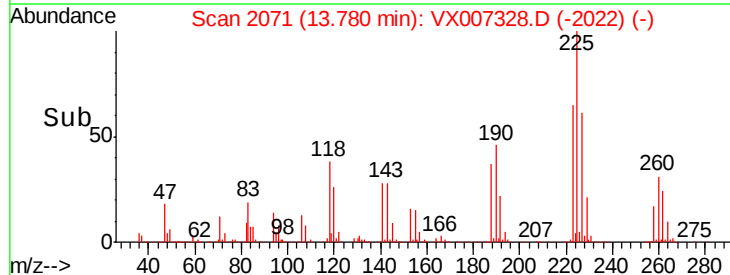
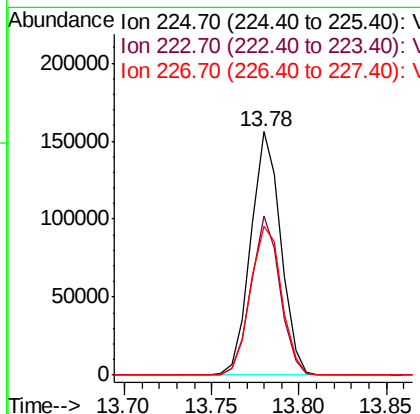
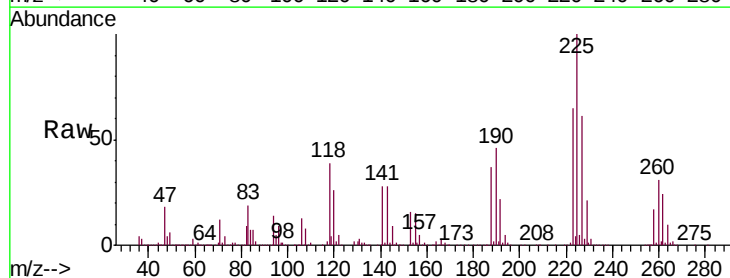
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

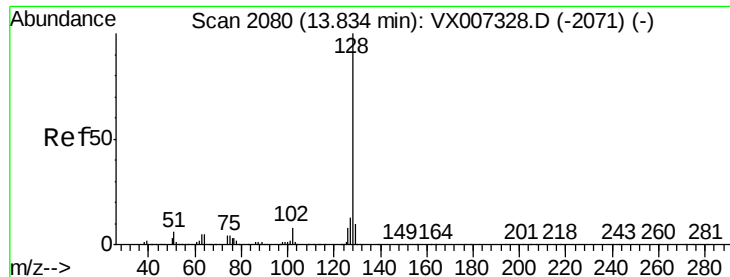
Tgt Ion:180 Resp: 392853
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.112 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion:225 Resp: 185443
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.8
 227 64.2 32.1 96.3

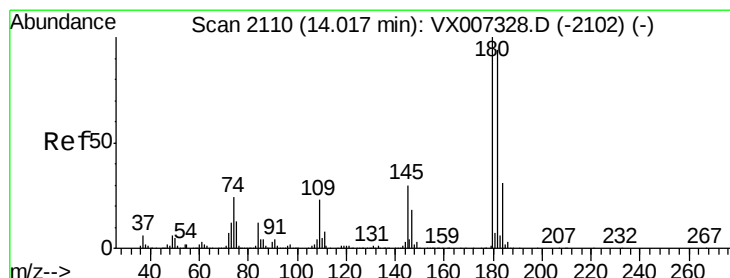
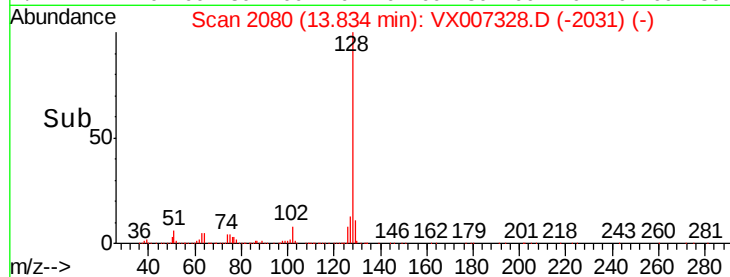
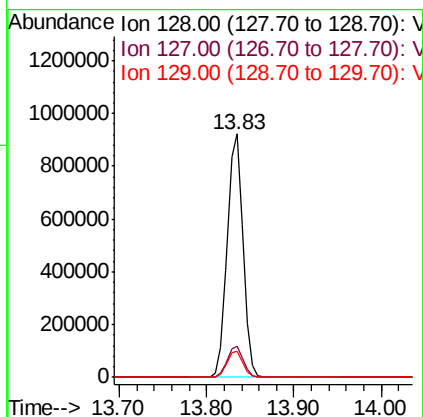
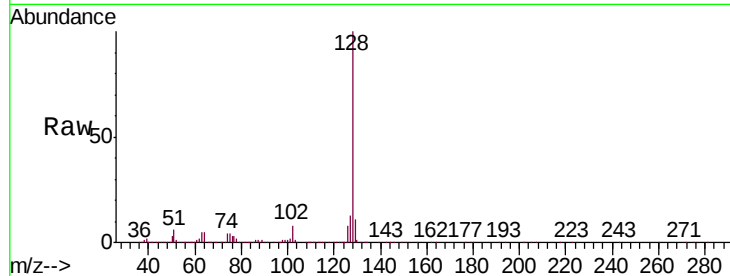




#95
Naphthalene
Concen: 47.548 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1151587
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.351 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:180 Resp: 386417
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 29.7 14.9 44.5

