

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX021819\
 Data File : VX007599.D
 Acq On : 18 Feb 2019 19:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 19 04:15:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	420012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	629932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	582016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	298353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	230978	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.50	113	214246	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.71	98	767168	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	276727	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	216625	42.000	ug/l	98
3) Chloromethane	1.33	50	206019	43.548	ug/l	97
4) Vinyl Chloride	1.41	62	220003	47.403	ug/l	99
5) Bromomethane	1.64	94	208145	45.311	ug/l	98
6) Chloroethane	1.71	64	143119	47.670	ug/l	100
7) Trichlorofluoromethane	1.93	101	346700	47.753	ug/l	97
8) Diethyl Ether	2.19	74	136137	49.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	190420	44.093	ug/l	99
10) Methyl Iodide	2.51	142	278431	43.827	ug/l	100
11) Tert butyl alcohol	3.07	59	237117	257.008	ug/l	100
12) 1,1-Dichloroethene	2.37	96	179505	44.761	ug/l	97
13) Acrolein	2.30	56	80412	185.866	ug/l	98
14) Allyl chloride	2.73	41	306184	46.858	ug/l	99
15) Acrylonitrile	3.15	53	571539	250.419	ug/l	100
16) Acetone	2.45	43	493581	241.699	ug/l	99
17) Carbon Disulfide	2.57	76	413641	39.893	ug/l	99
18) Methyl Acetate	2.78	43	320708	60.152	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	636265	48.973	ug/l	96
20) Methylene Chloride	2.85	84	208863	50.073	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	188985	44.239	ug/l	98
22) Diisopropyl ether	3.87	45	615818	51.236	ug/l	97
23) Vinyl Acetate	3.82	43	2549466	255.614	ug/l	99
24) 1,1-Dichloroethane	3.70	63	345273	50.022	ug/l	98
25) 2-Butanone	4.70	43	796915	274.212	ug/l	100
26) 2,2-Dichloropropane	4.59	77	238209	45.317	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	232138	49.751	ug/l	98
28) Bromochloromethane	5.02	49	167220	52.681	ug/l	96
29) Tetrahydrofuran	5.15	42	518577	283.716	ug/l	99
30) Chloroform	5.21	83	378631	52.569	ug/l	96
31) Cyclohexane	5.57	56	285080	45.986	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	321330	52.853	ug/l	99
36) 1,1-Dichloropropene	5.80	75	255877	45.272	ug/l	99
37) Ethyl Acetate	4.85	43	298543	52.253	ug/l	99
38) Carbon Tetrachloride	5.78	117	279779	51.024	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	292220	42.733	ug/l	96
40) Benzene	6.14	78	813178	48.842	ug/l	98
41) Methacrylonitrile	5.06	41	165859	54.164	ug/l	98
42) 1,2-Dichloroethane	6.20	62	281615	48.887	ug/l	98
43) Isopropyl Acetate	6.46	43	477467	54.142	ug/l	99
44) Trichloroethene	7.21	130	234655	46.797	ug/l	96
45) 1,2-Dichloropropane	7.52	63	210073	50.359	ug/l	97
46) Dibromomethane	7.66	93	150366	49.595	ug/l	97
47) Bromodichloromethane	7.90	83	277513	54.009	ug/l	100
48) Methyl methacrylate	7.77	41	242546	54.985	ug/l	99
49) 1,4-Dioxane	7.75	88	105628	1052.573	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1589869	273.857	ug/l	100
52) Toluene	8.79	92	520999	48.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	292114	52.926	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	322155	53.077	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	230486	51.475	ug/l	99
56) Ethyl methacrylate	9.18	69	329511	53.133	ug/l	99
57) 1,3-Dichloropropane	9.37	76	360731	50.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	877403	268.422	ug/l	99
59) 2-Hexanone	9.49	43	1200163	265.662	ug/l	100
60) Dibromochloromethane	9.59	129	244828	57.813	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245621	51.798	ug/l	100
64) Tetrachloroethene	9.34	164	242706	44.244	ug/l	99
65) Chlorobenzene	10.14	112	608002	47.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	230293	54.083	ug/l	99
67) Ethyl Benzene	10.25	91	1005630	49.168	ug/l	100
68) m/p-Xylenes	10.36	106	783148	96.324	ug/l	99
69) o-Xylene	10.69	106	381440	48.756	ug/l	99
70) Styrene	10.71	104	630286	49.677	ug/l	99
71) Bromoform	10.85	173	184439	49.434	ug/l	100
73) Isopropylbenzene	11.02	105	1024810	50.546	ug/l	99
74) N-amyl acetate	10.90	43	420076	53.567	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	334118	54.074	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	379941	65.469	ug/l	79
77) Bromobenzene	11.26	156	276930	48.478	ug/l	98
78) n-propylbenzene	11.36	91	1133271	50.974	ug/l	99
79) 2-Chlorotoluene	11.42	91	665994	49.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	843817	50.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	94059	50.089	ug/l	97
82) 4-Chlorotoluene	11.51	91	779760	49.954	ug/l	99
83) tert-Butylbenzene	11.77	119	832456	50.691	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	859359	51.031	ug/l	99
85) sec-Butylbenzene	11.94	105	1024312	51.535	ug/l	100
86) p-Isopropyltoluene	12.06	119	914087	50.946	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	487685	47.570	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	487466	46.867	ug/l	99
89) n-Butylbenzene	12.38	91	760621	49.280	ug/l	100
90) Hexachloroethane	12.60	117	153854	57.295	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	494081	48.426	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72258	56.241	ug/l	99

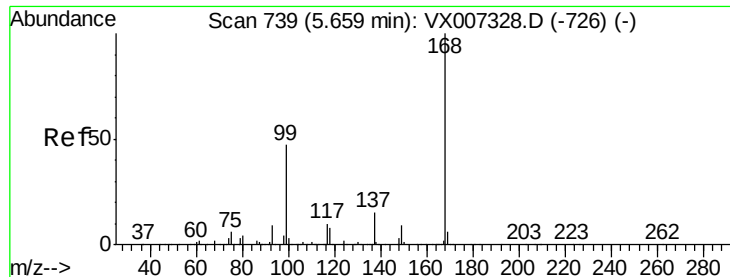
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	332059	48.260	ug/l	99
94) Hexachlorobutadiene	13.78	225	162498	48.637	ug/l	98
95) Naphthalene	13.83	128	1054637	52.415	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338292	48.844	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

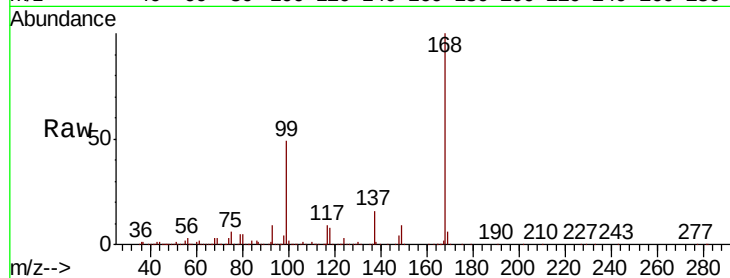
VSTDCCC050EC

Tgt Ion:168 Resp: 420012

Ion Ratio Lower Upper

168 100

99 48.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

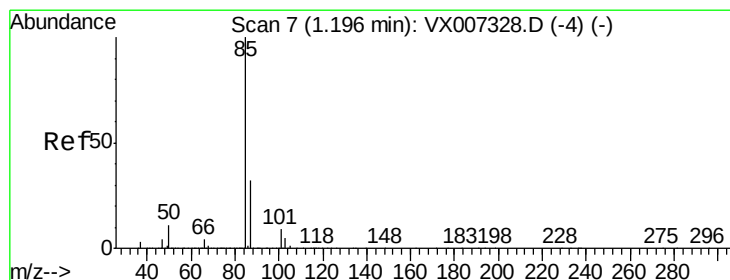
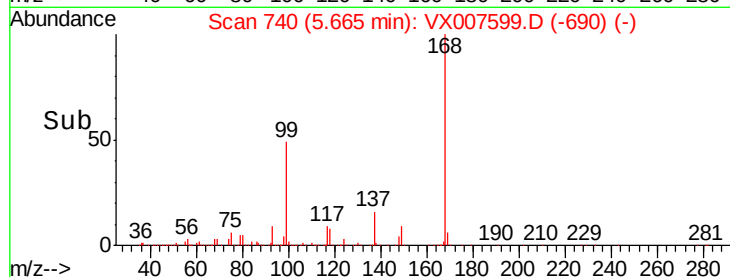
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007599.D

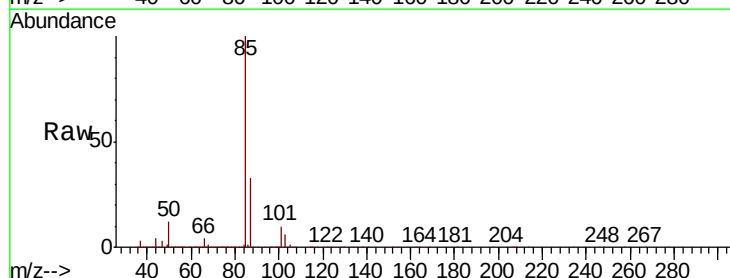
Acq: 18 Feb 2019 19:58

Tgt Ion: 85 Resp: 216625

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

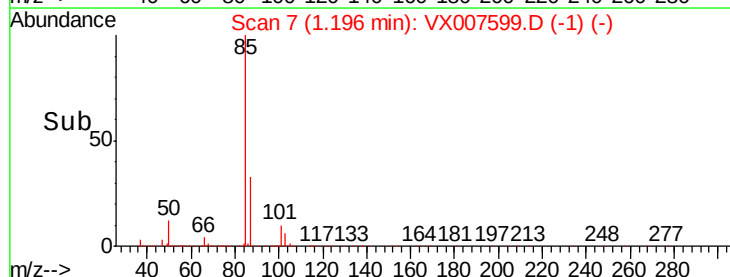
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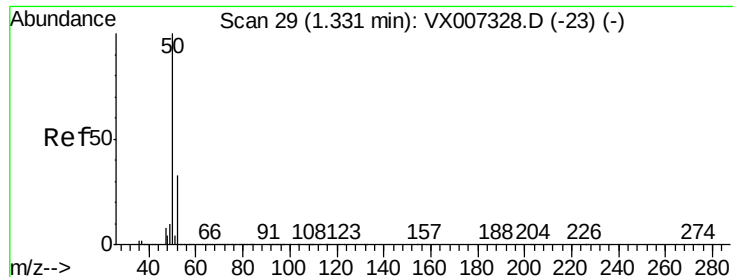
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

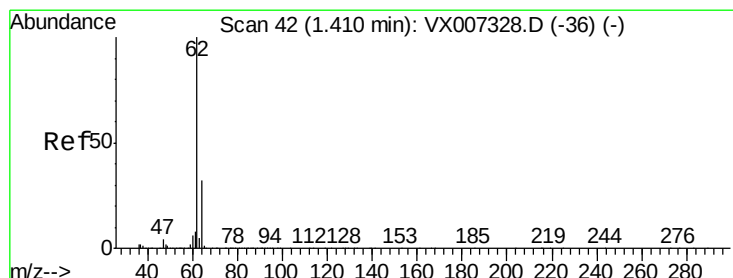
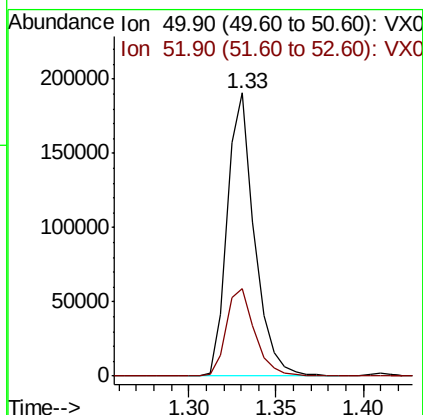
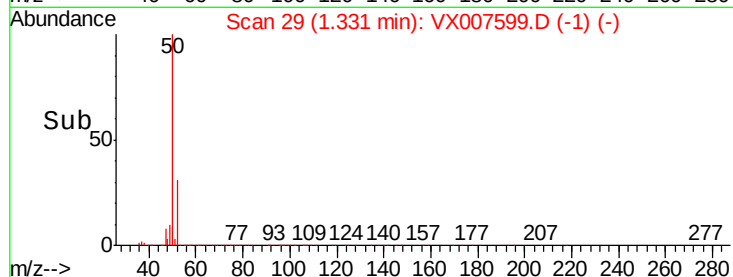
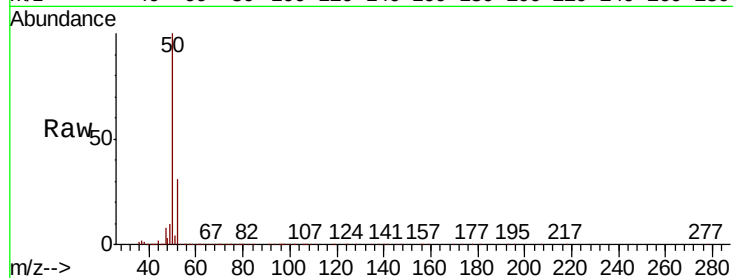
VSTDCCC050EC

Tgt Ion: 50 Resp: 206019

Ion Ratio Lower Upper

50 100

52 30.9 26.1 39.1



#4

Vinyl Chloride

Concen: 47.403 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007599.D

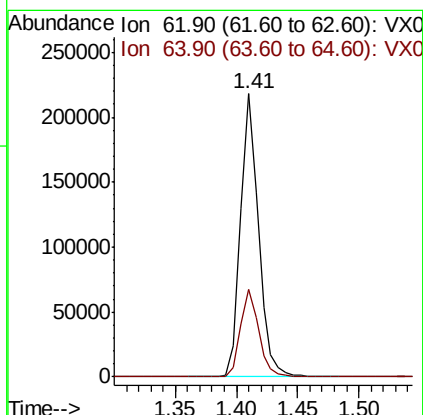
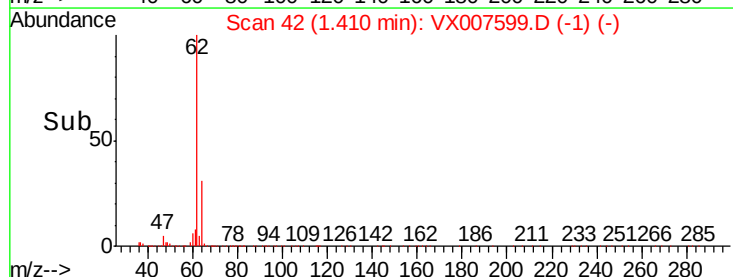
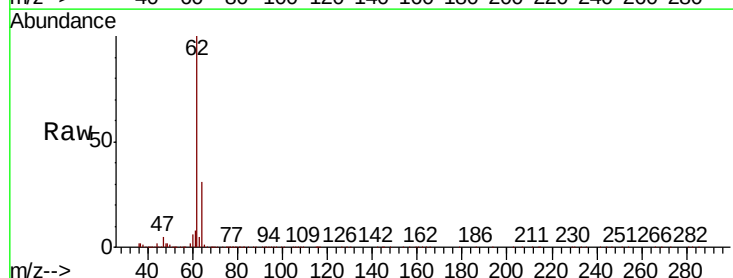
Acq: 18 Feb 2019 19:58

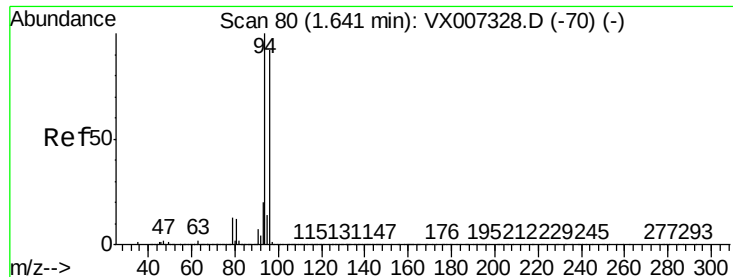
Tgt Ion: 62 Resp: 220003

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 45.311 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

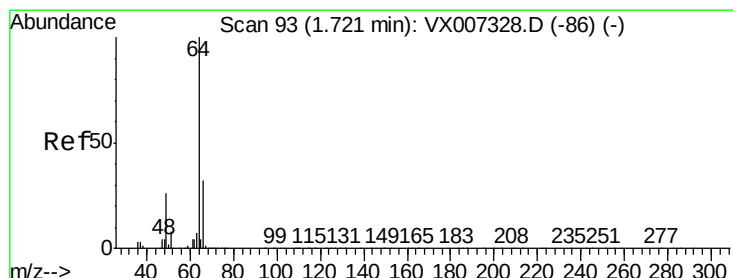
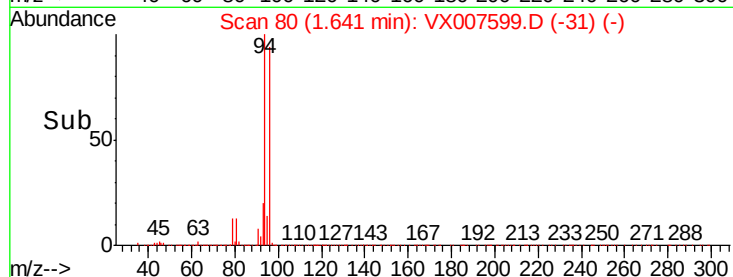
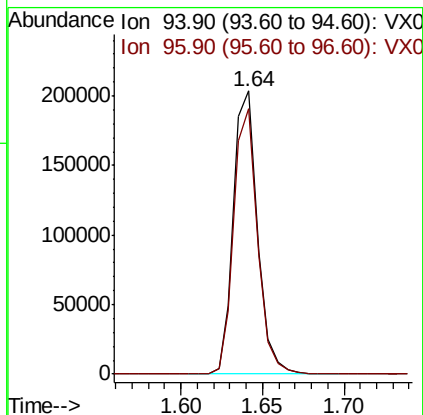
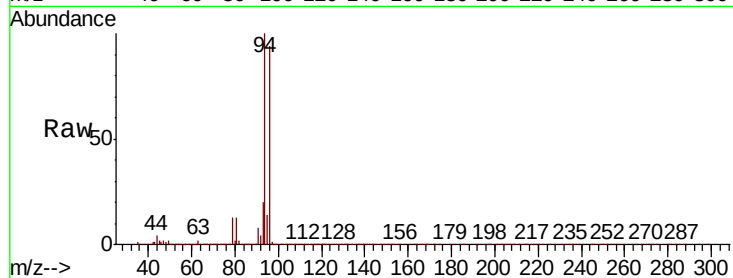
VSTDCCC050EC

Tgt Ion: 94 Resp: 208145

Ion Ratio Lower Upper

94 100

96 94.0 73.9 110.9



#6

Chloroethane

Concen: 47.670 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007599.D

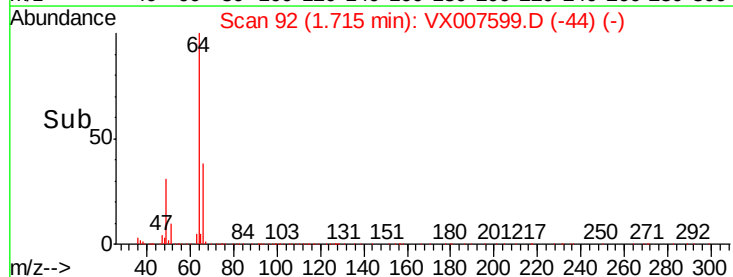
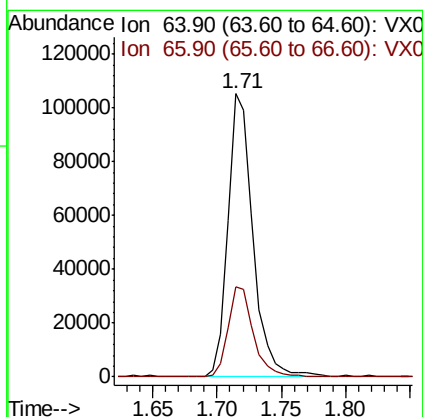
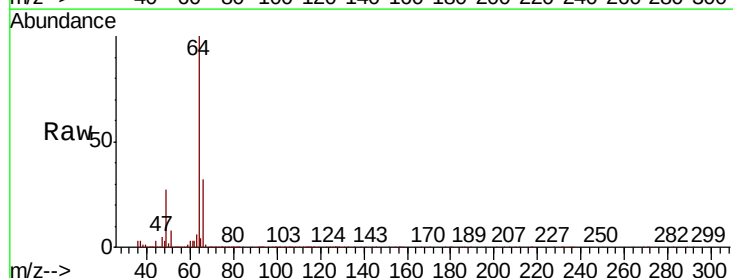
Acq: 18 Feb 2019 19:58

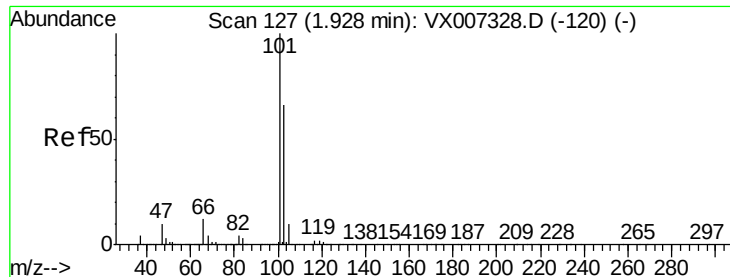
Tgt Ion: 64 Resp: 143119

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



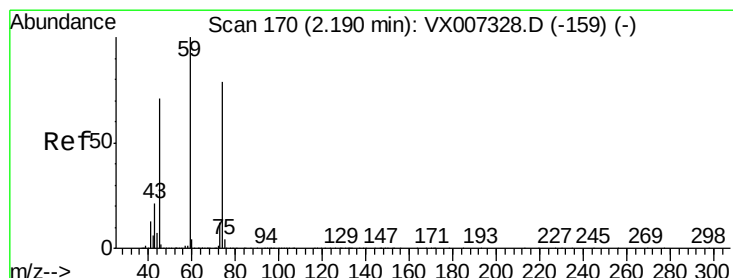
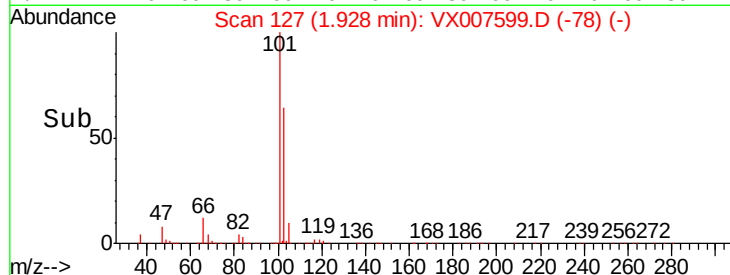
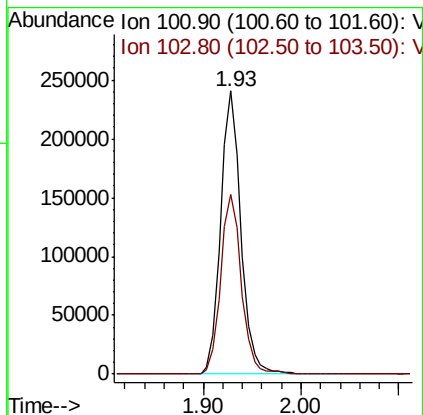
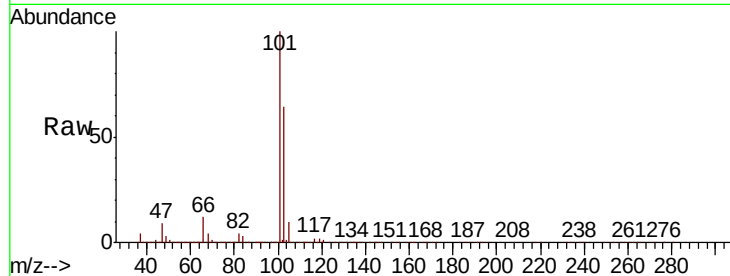


#7

Trichlorofluoromethane
 Concen: 47.753 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

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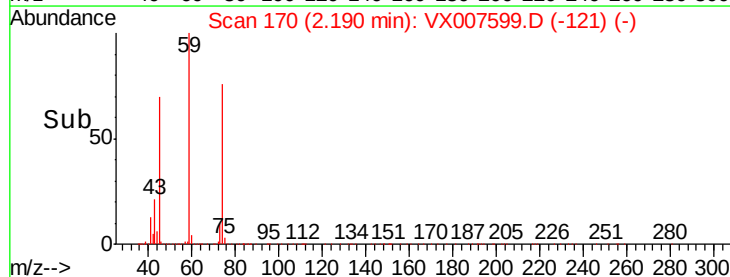
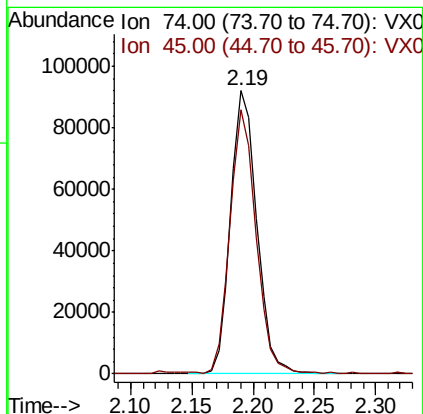
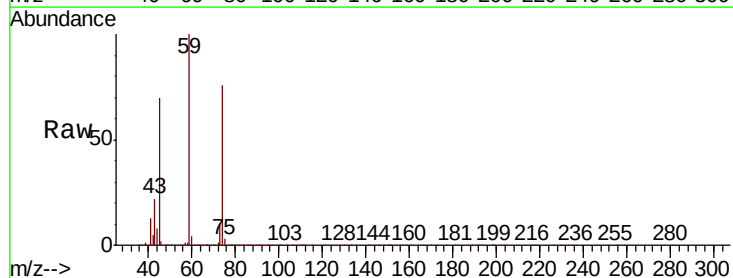
Tgt Ion:101 Resp: 346700
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.6 79.0

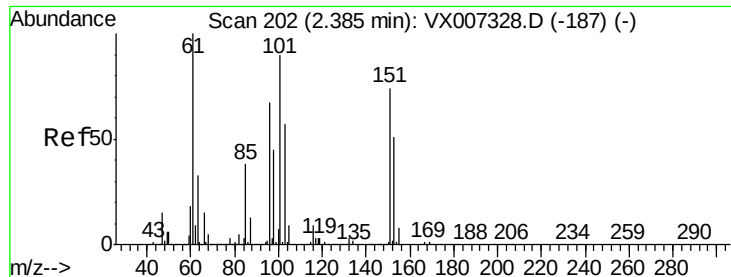


#8

Diethyl Ether
 Concen: 49.819 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion: 74 Resp: 136137
 Ion Ratio Lower Upper
 74 100
 45 91.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.093 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

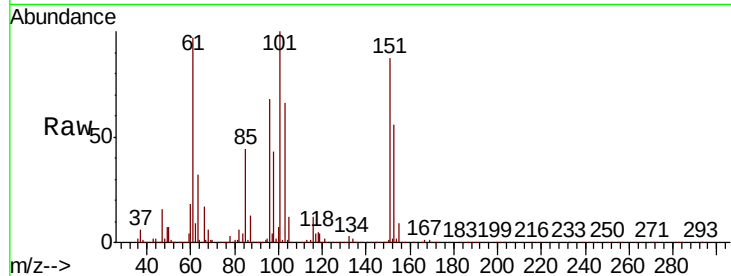
Tgt Ion:101 Resp: 190420

Ion Ratio Lower Upper

101 100

85 43.4 34.1 51.1

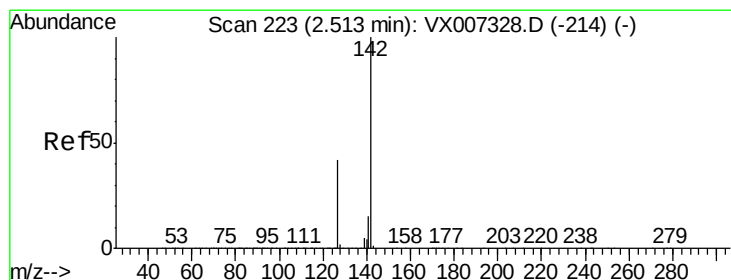
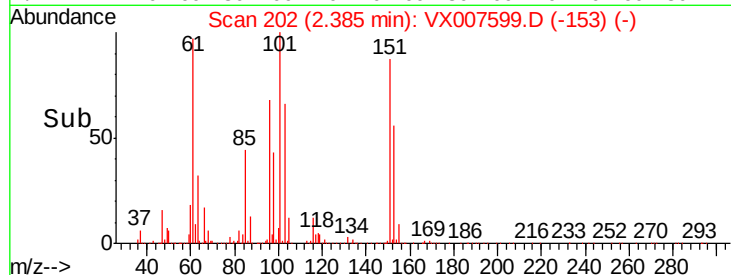
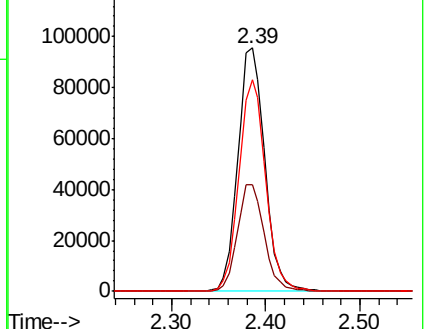
151 85.9 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.827 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

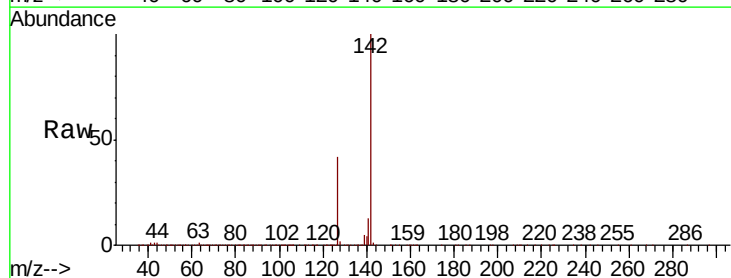
Tgt Ion:142 Resp: 278431

Ion Ratio Lower Upper

142 100

127 42.2 33.7 50.5

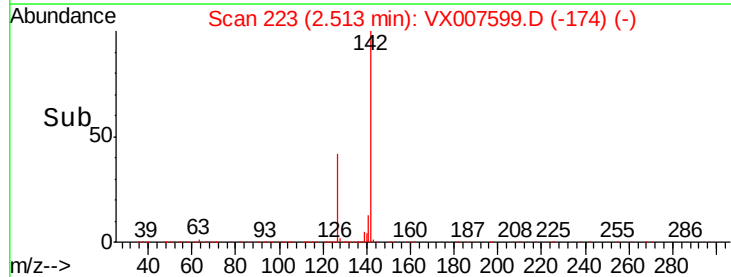
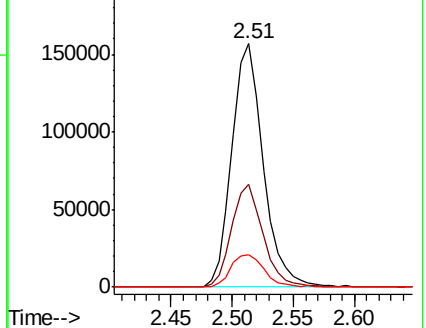
141 14.4 11.3 16.9

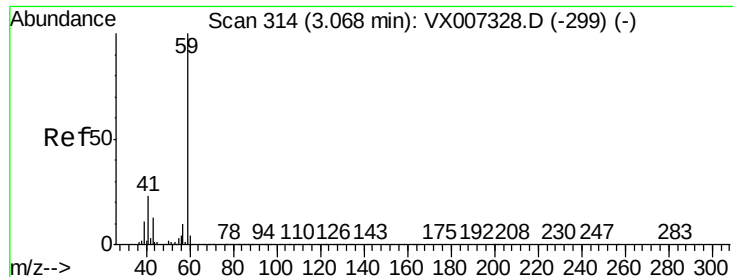


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

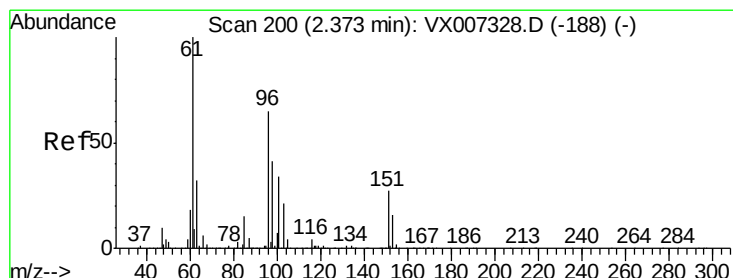
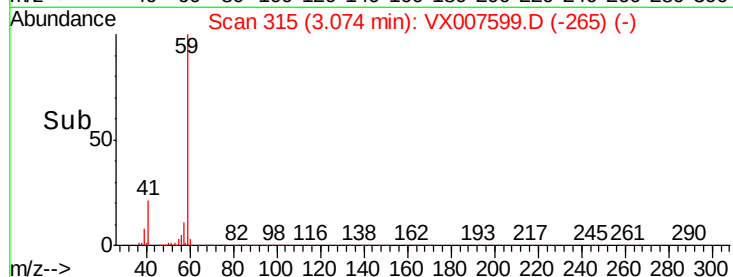
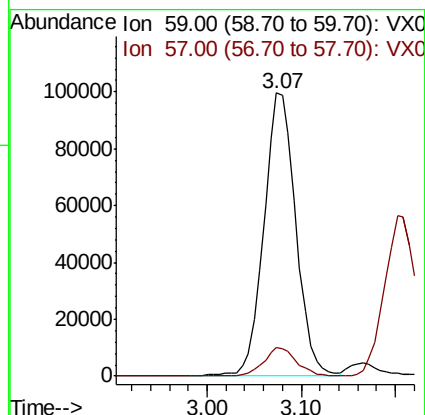
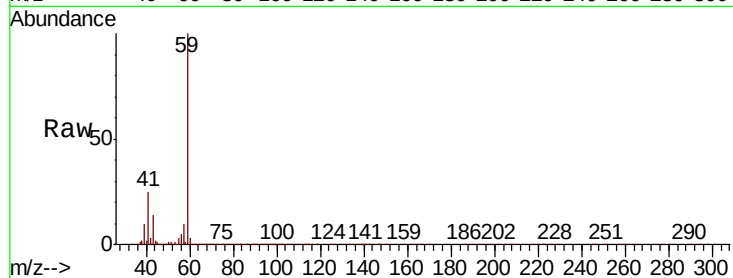




#11
Tert butyl alcohol
Concen: 257.008 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

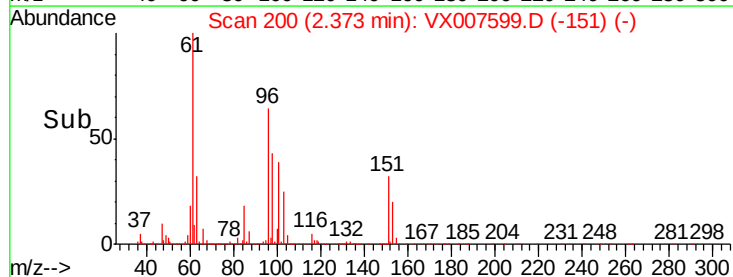
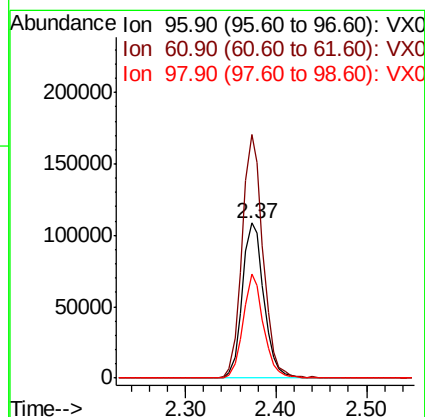
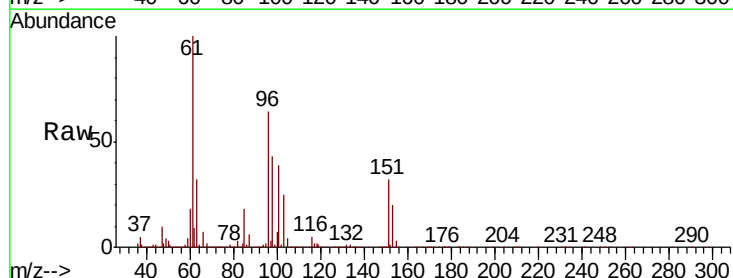
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

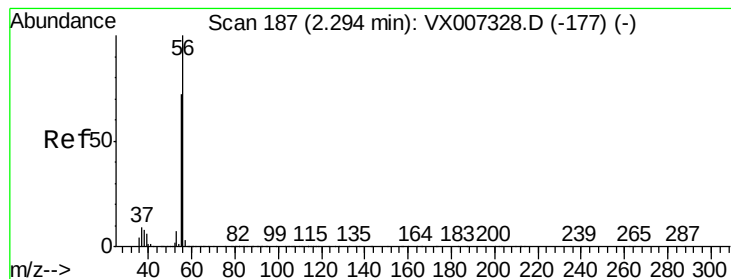
Tgt Ion: 59 Resp: 237117
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 44.761 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 96 Resp: 179505
Ion Ratio Lower Upper
96 100
61 156.6 123.0 184.4
98 66.5 50.9 76.3





#13

Acrolein

Concen: 185.866 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

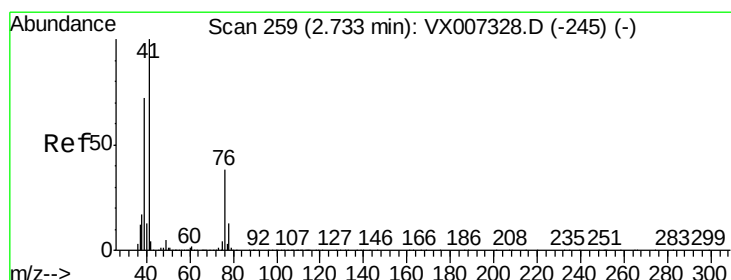
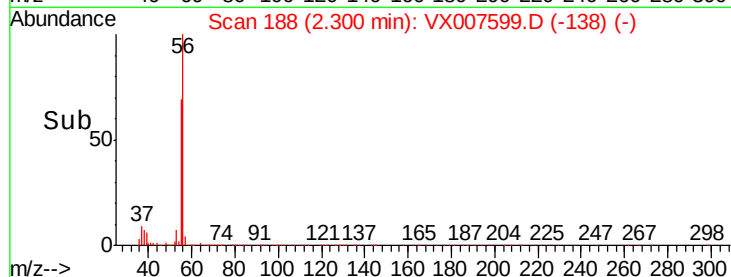
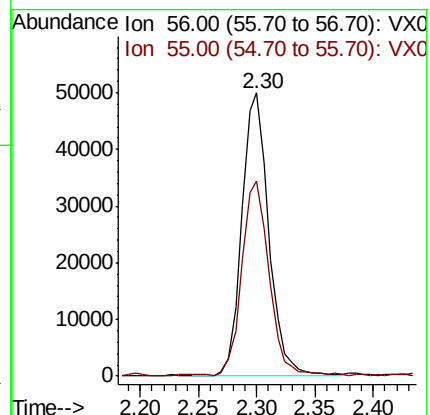
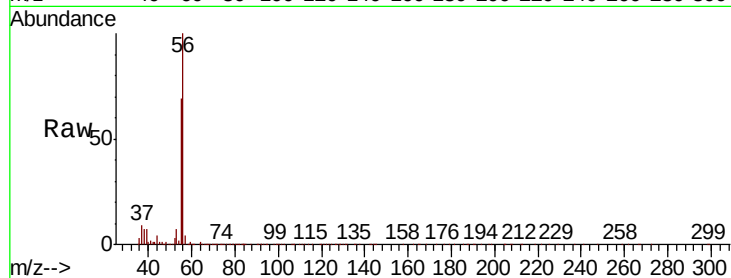
VSTDCCC050EC

Tgt Ion: 56 Resp: 80412

Ion Ratio Lower Upper

56 100

55 69.7 56.9 85.3



#14

Allyl chloride

Concen: 46.858 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

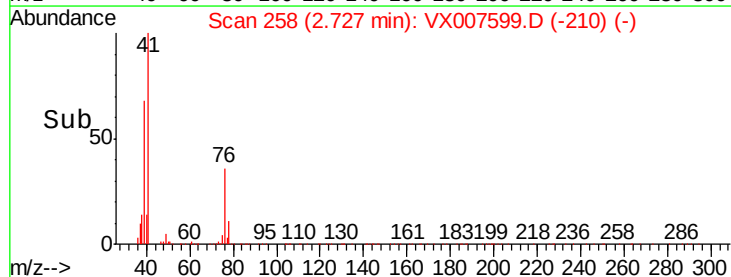
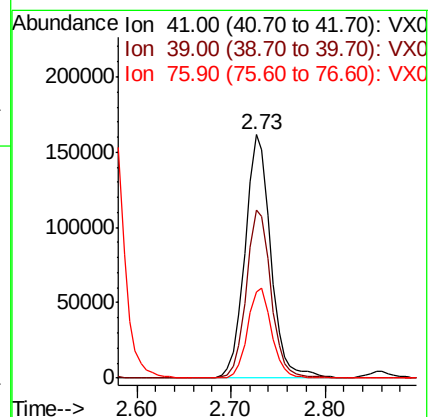
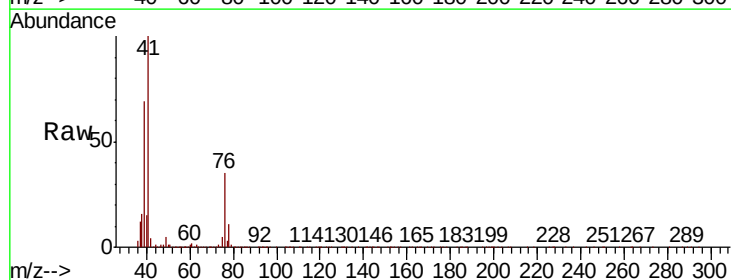
Tgt Ion: 41 Resp: 306184

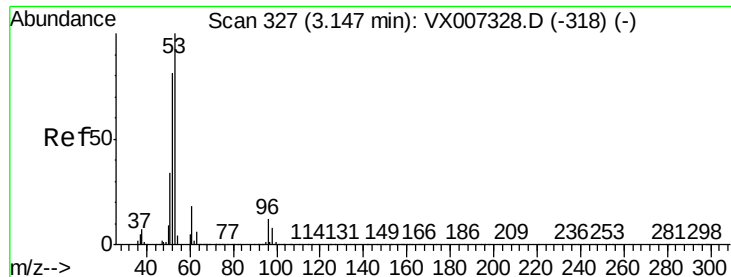
Ion Ratio Lower Upper

41 100

39 66.3 54.1 81.1

76 34.3 27.8 41.8





#15

Acrylonitrile

Concen: 250.419 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

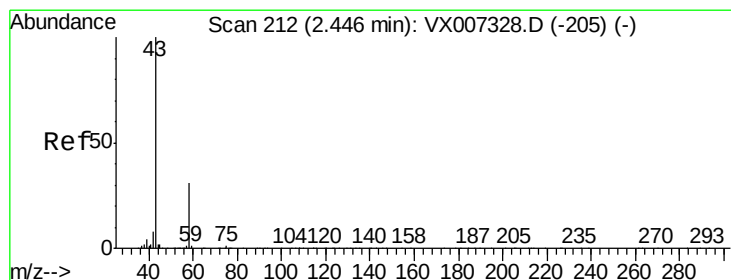
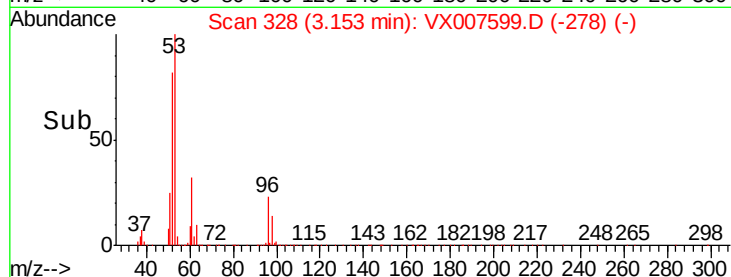
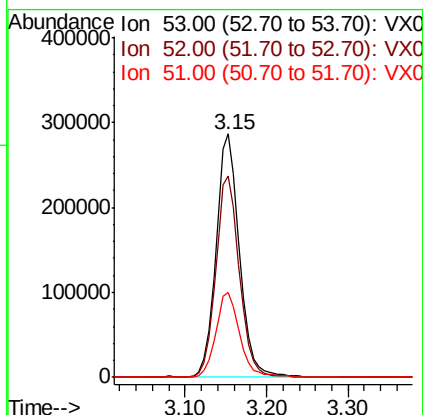
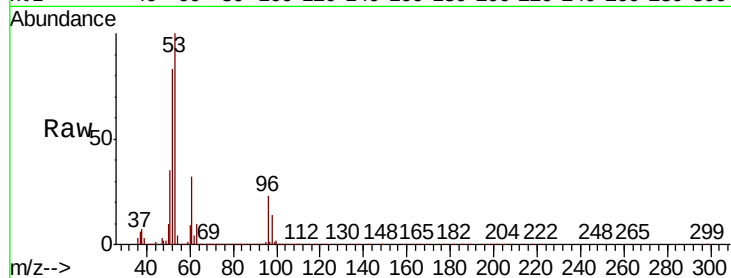
Tgt Ion: 53 Resp: 571539

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

51 35.7 28.4 42.6



#16

Acetone

Concen: 241.699 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007599.D

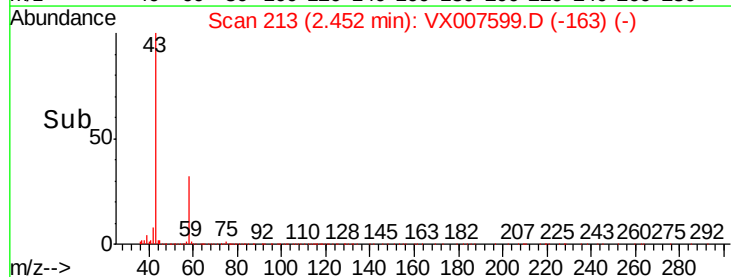
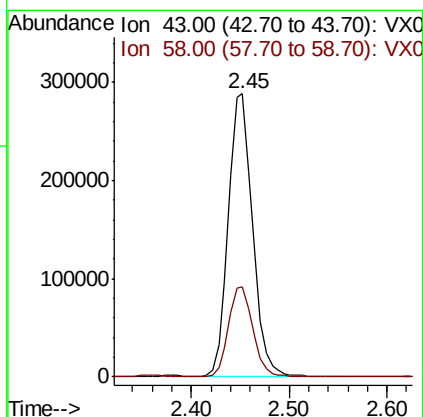
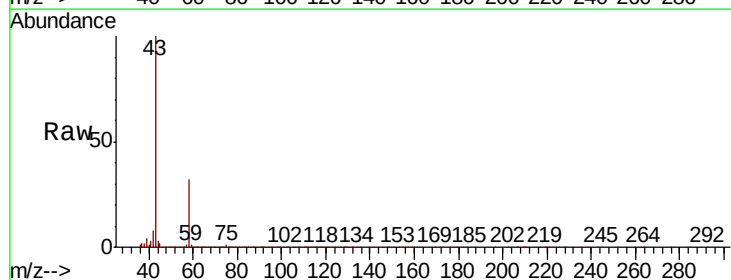
Acq: 18 Feb 2019 19:58

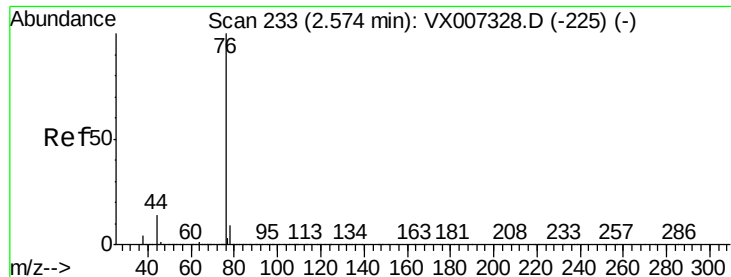
Tgt Ion: 43 Resp: 493581

Ion Ratio Lower Upper

43 100

58 31.8 24.9 37.3





#17

Carbon Disulfide

Concen: 39.893 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

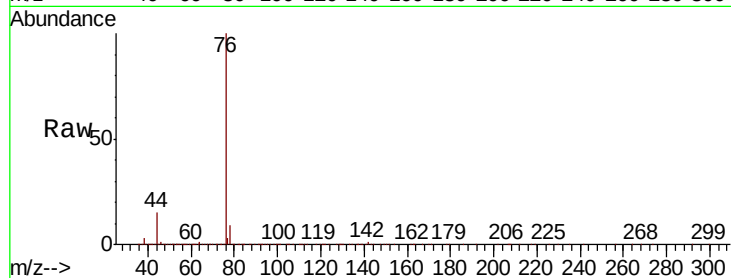
VSTDCCC050EC

Tgt Ion: 76 Resp: 413641

Ion Ratio Lower Upper

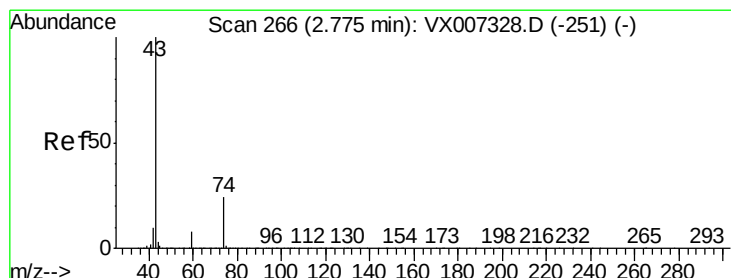
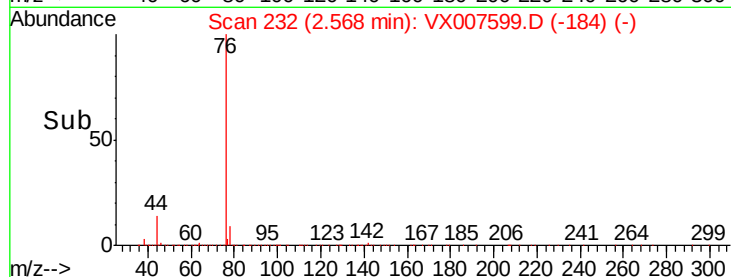
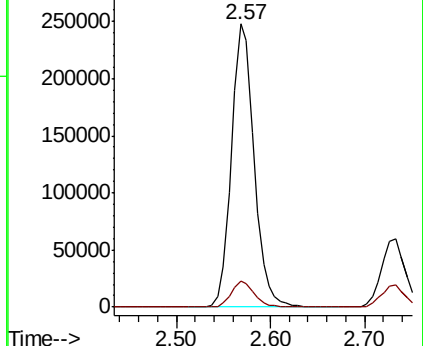
76 100

78 9.1 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: 60.152 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007599.D

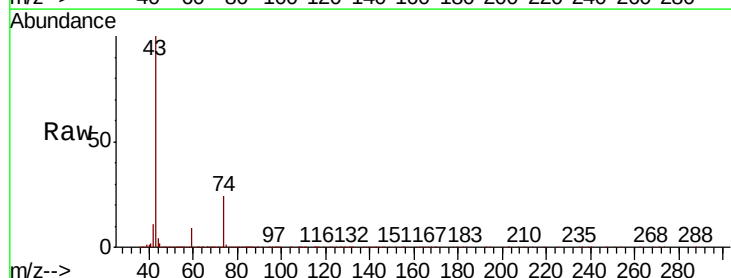
Acq: 18 Feb 2019 19:58

Tgt Ion: 43 Resp: 320708

Ion Ratio Lower Upper

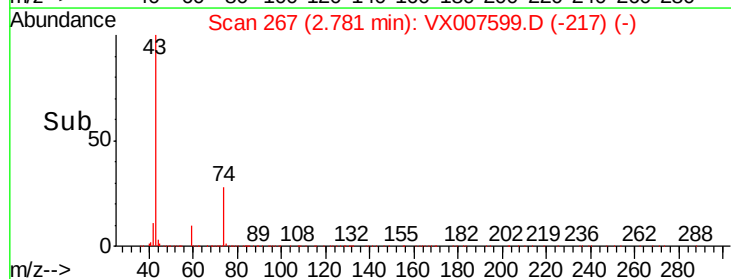
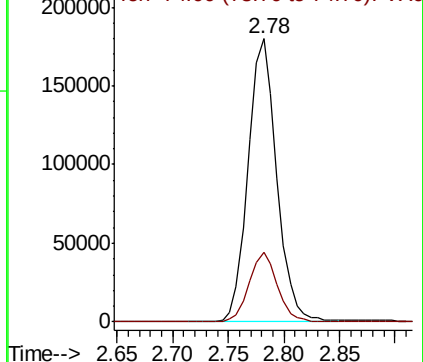
43 100

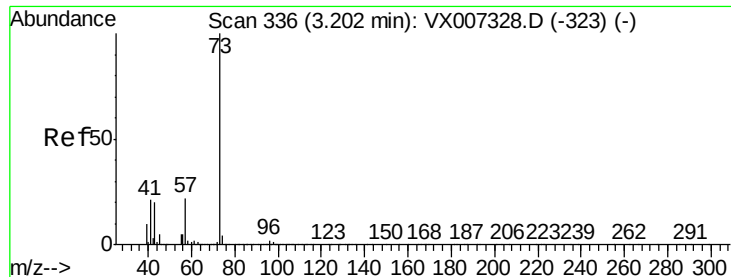
74 24.2 19.4 29.2



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: 48.973 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

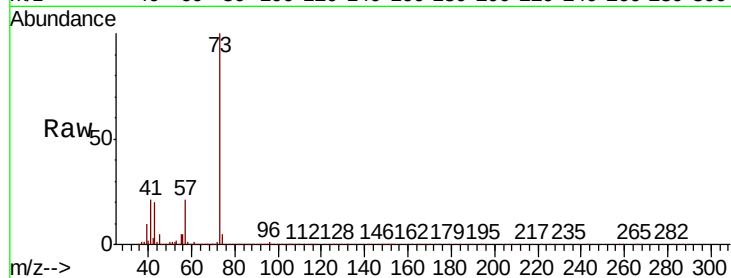
VSTDCCC050EC

Tgt Ion: 73 Resp: 636265

Ion Ratio Lower Upper

73 100

57 20.4 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

250000

200000

150000

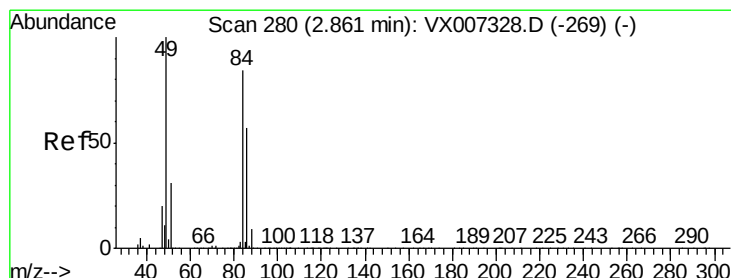
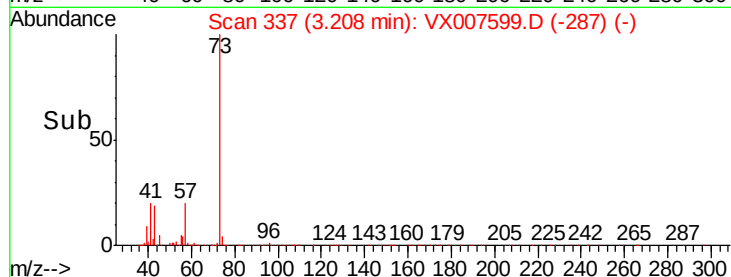
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 50.073 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion: 84 Resp: 208863

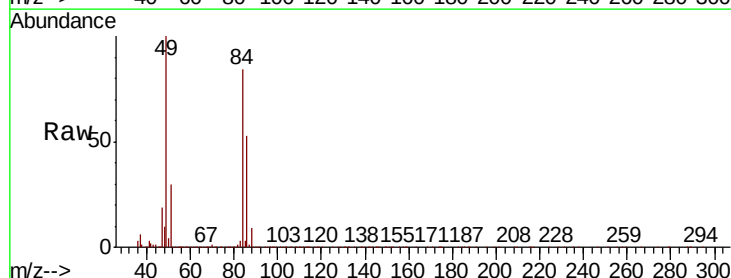
Ion Ratio Lower Upper

84 100

49 119.4 94.8 142.2

51 35.6 29.8 44.8

86 63.0 54.1 81.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

150000

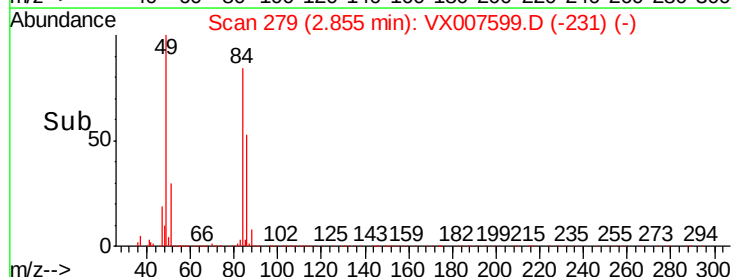
100000

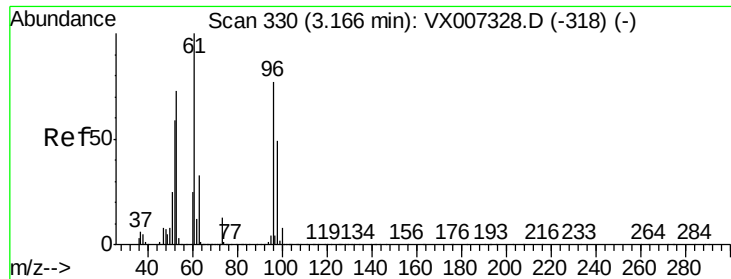
50000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 44.239 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

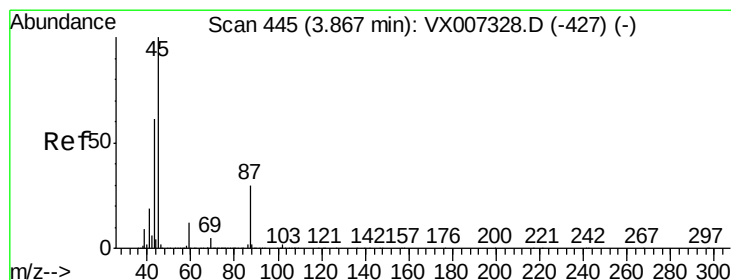
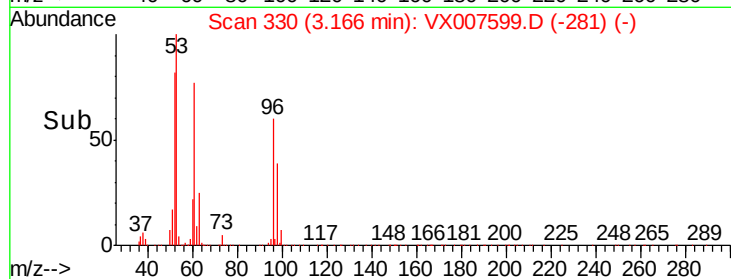
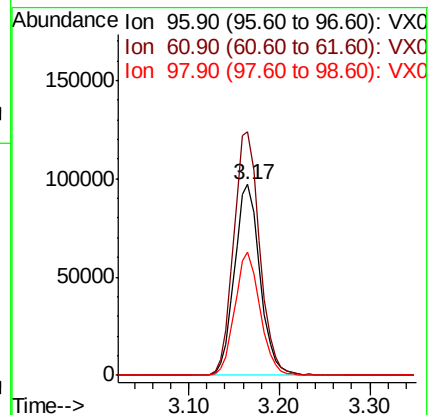
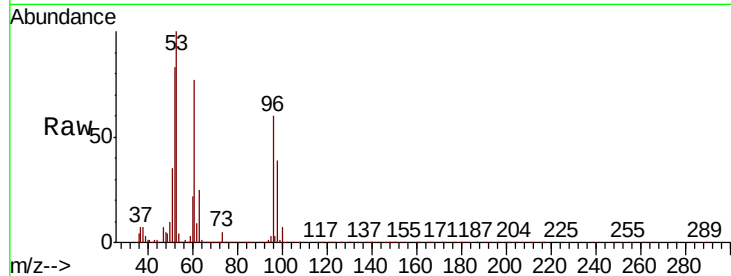
Tgt Ion: 96 Resp: 188985

Ion Ratio Lower Upper

96 100

61 127.7 104.6 156.8

98 64.4 51.0 76.4



#22

Diisopropyl ether

Concen: 51.236 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Tgt Ion: 45 Resp: 615818

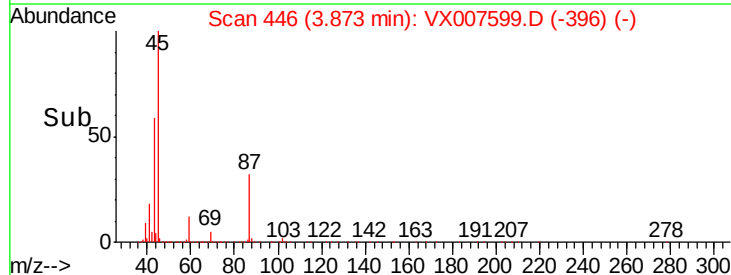
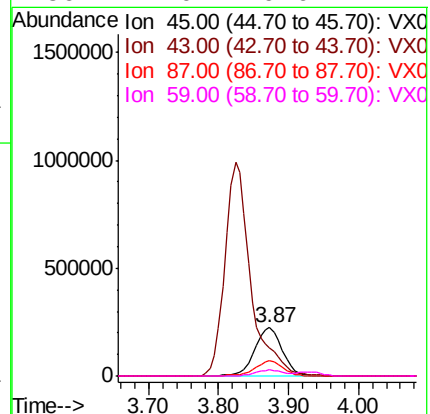
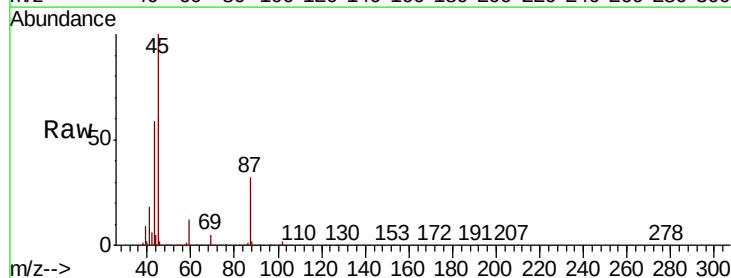
Ion Ratio Lower Upper

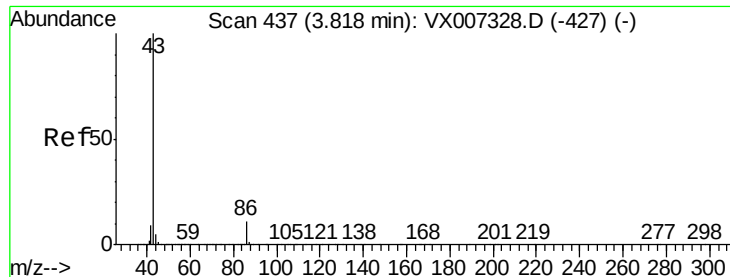
45 100

43 58.6 48.9 73.3

87 32.0 23.9 35.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 255.614 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

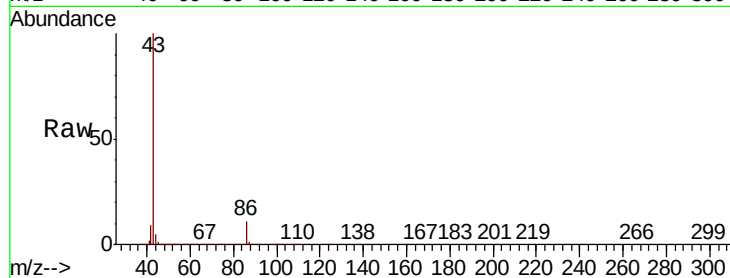
VSTDCCC050EC

Tgt Ion: 43 Resp: 2549466

Ion Ratio Lower Upper

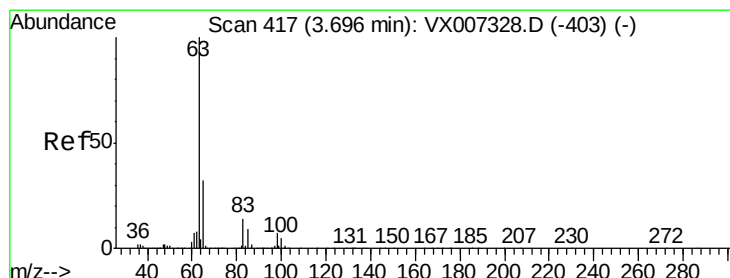
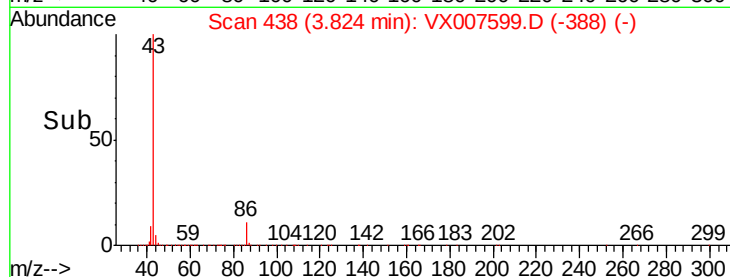
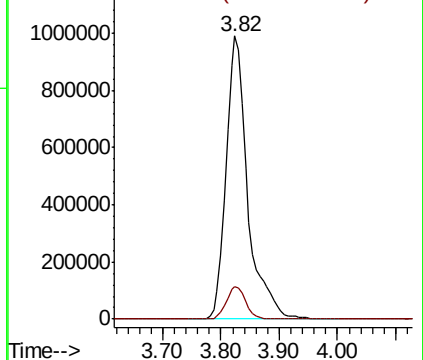
43 100

86 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.022 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

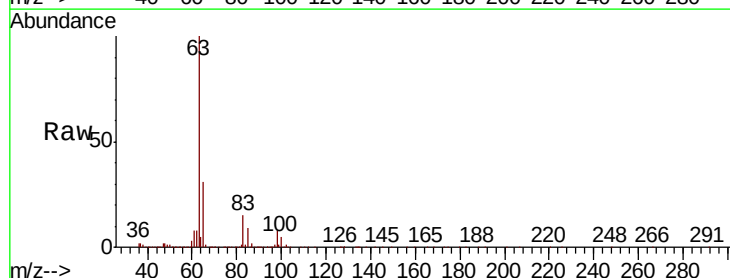
Tgt Ion: 63 Resp: 345273

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

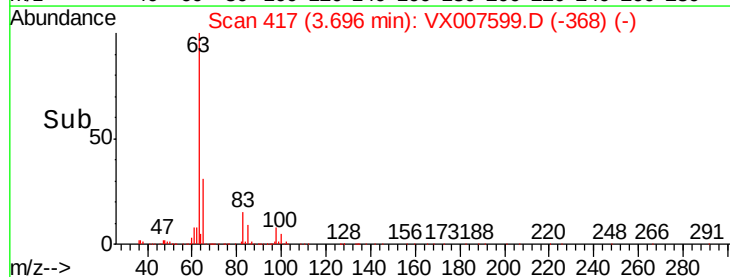
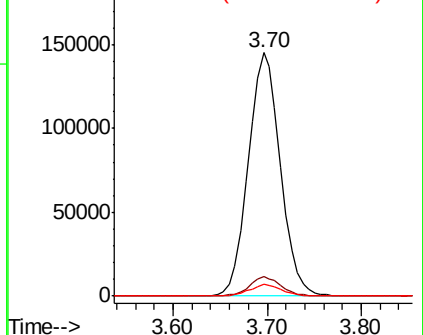
100 5.0 2.5 7.4

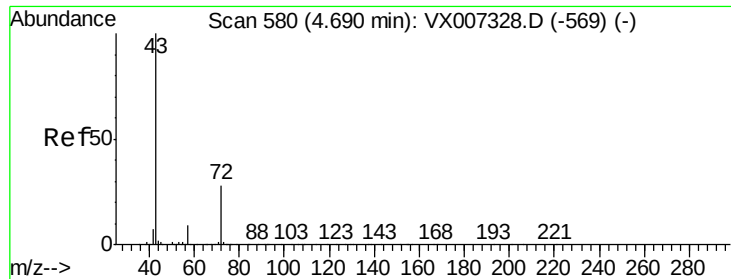


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 274.212 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

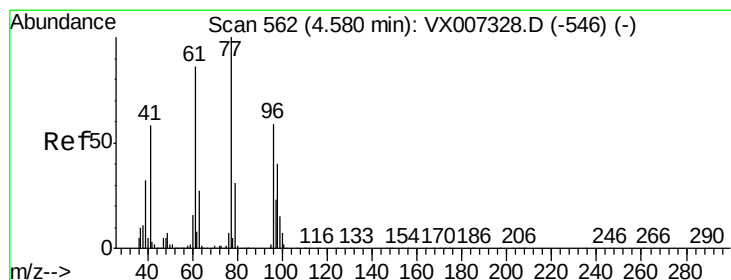
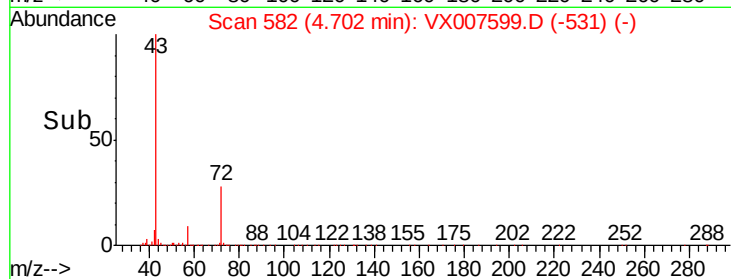
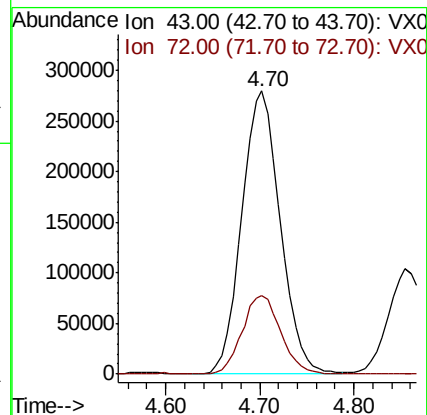
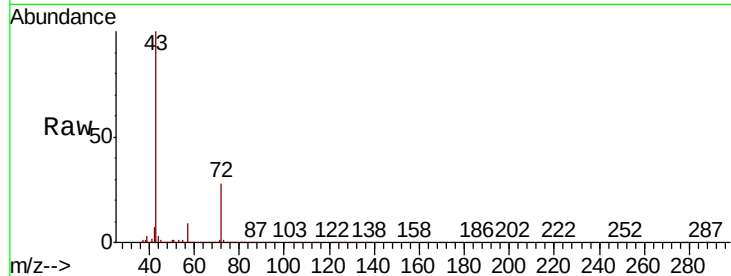
VSTDCCC050EC

Tgt Ion: 43 Resp: 796915

Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 45.317 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007599.D

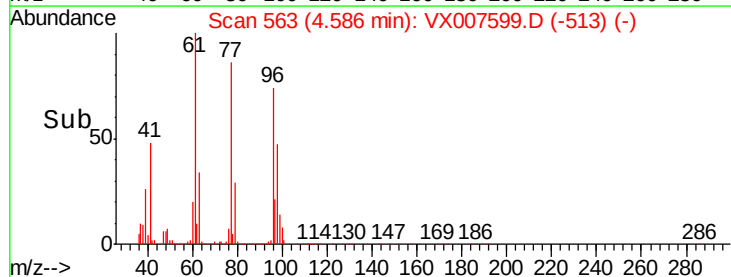
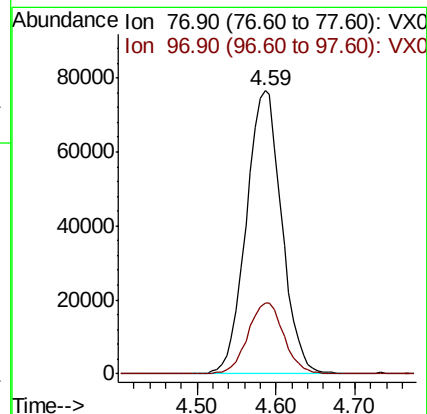
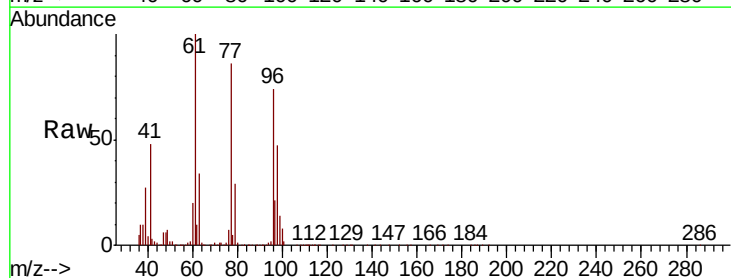
Acq: 18 Feb 2019 19:58

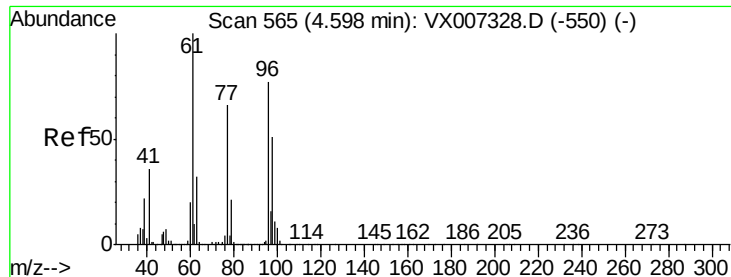
Tgt Ion: 77 Resp: 238209

Ion Ratio Lower Upper

77 100

97 25.7 12.1 36.3



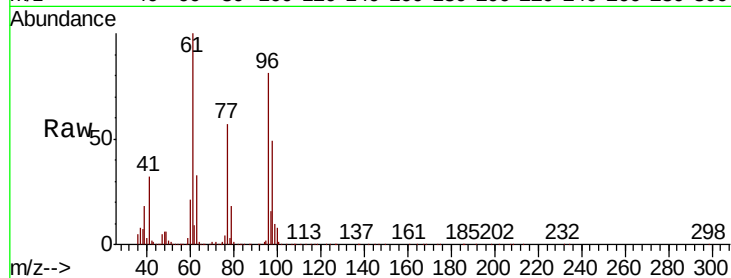


#27

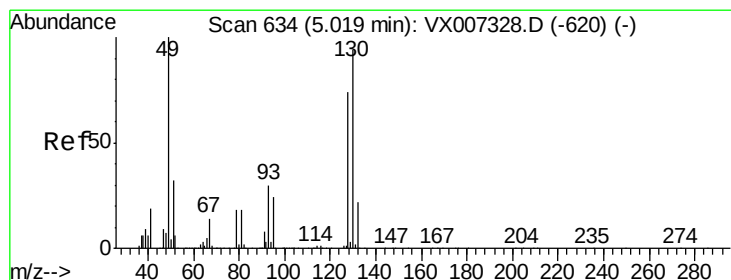
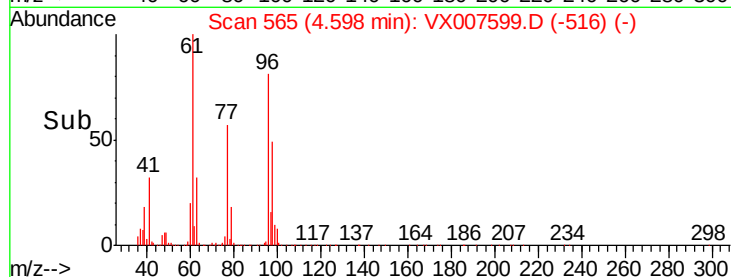
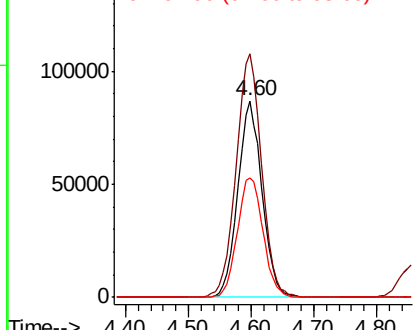
cis-1,2-Dichloroethene
Concen: 49.751 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	265.6
98	64.6	0.0	131.6



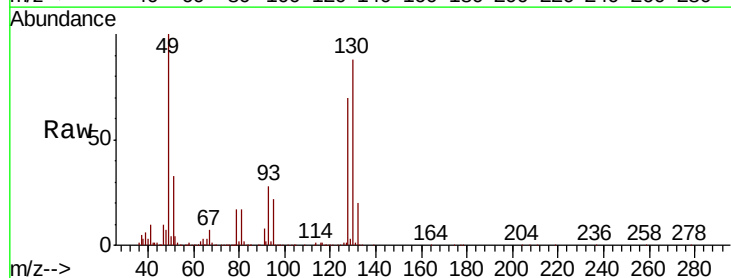
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



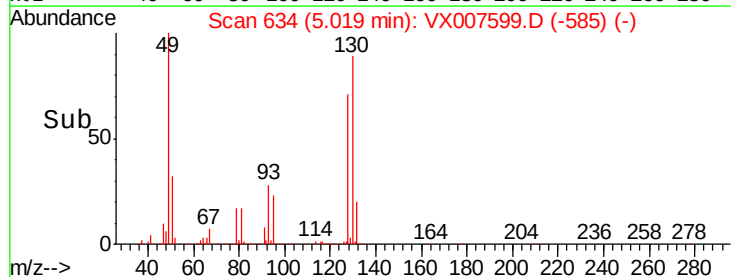
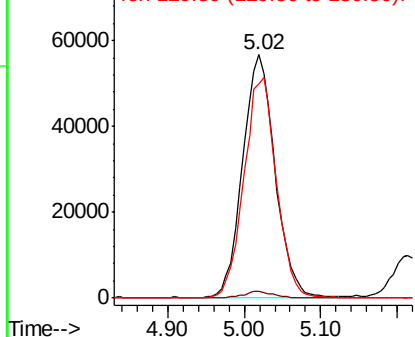
#28

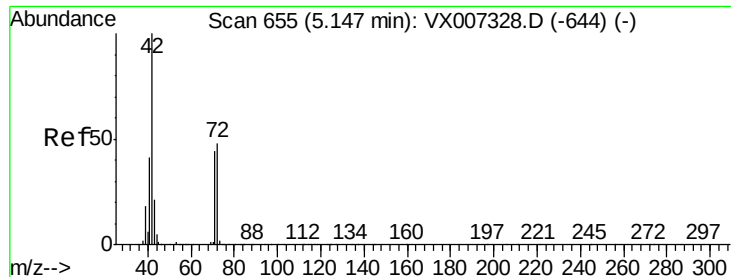
Bromochloromethane
Concen: 52.681 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	90.7	75.6	113.4



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

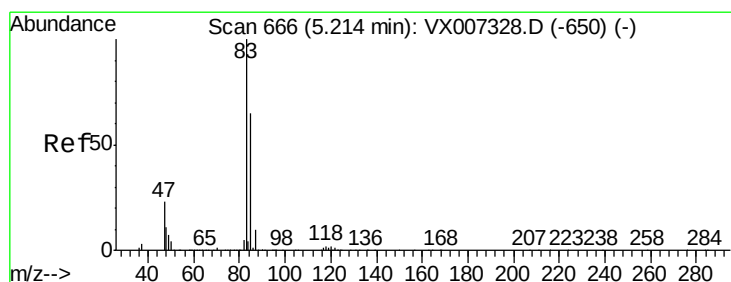
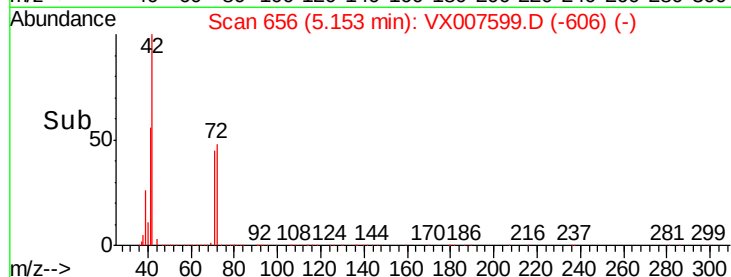
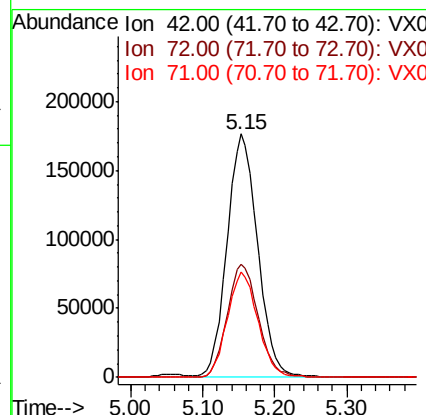
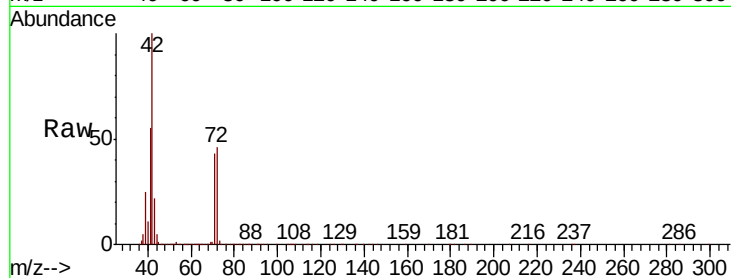




#29
Tetrahydrofuran
Concen: 283.716 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

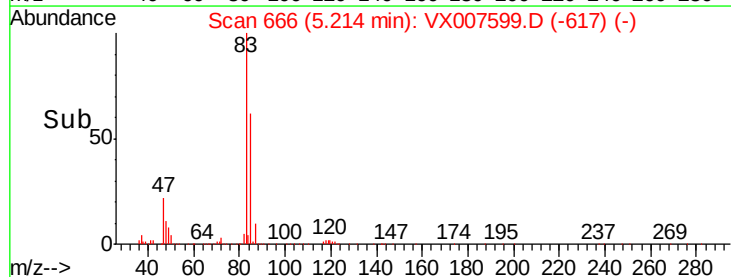
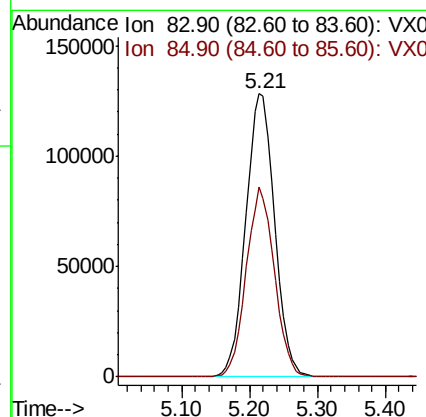
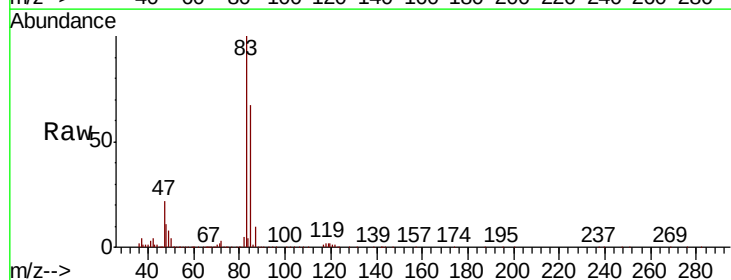
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

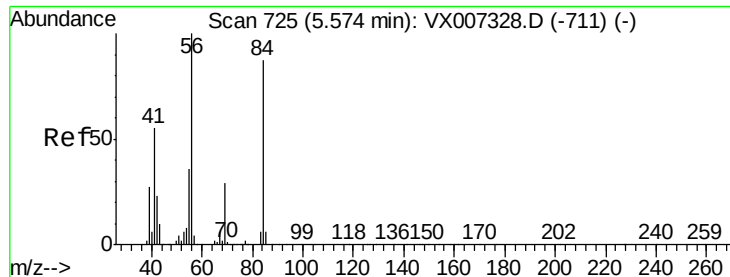
Tgt Ion: 42 Resp: 518577
Ion Ratio Lower Upper
42 100
72 47.5 37.6 56.4
71 43.5 34.6 51.8



#30
Chloroform
Concen: 52.569 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 83 Resp: 378631
Ion Ratio Lower Upper
83 100
85 67.3 51.6 77.4

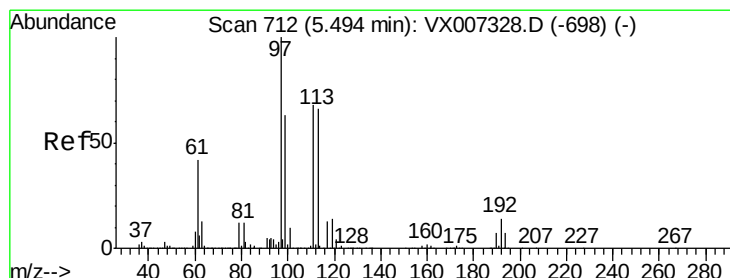
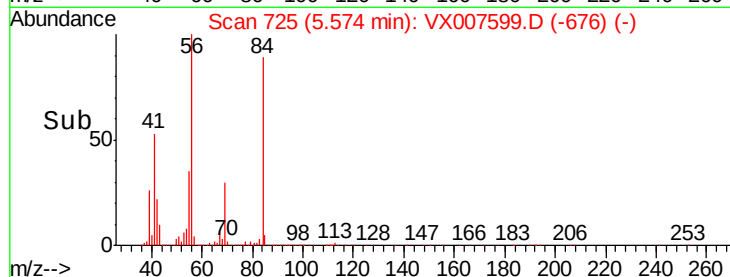
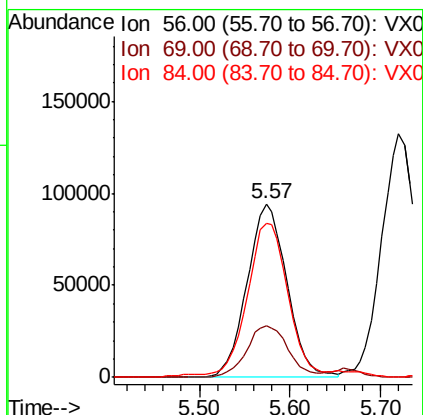
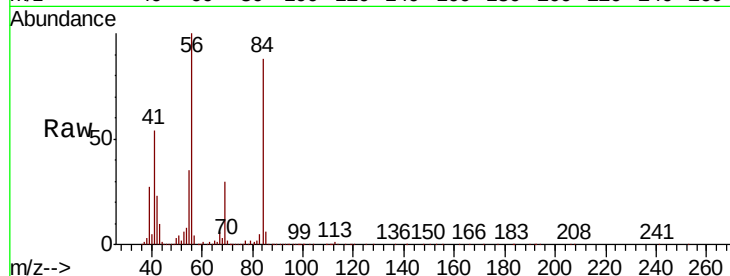




#31
Cyclohexane
Concen: 45.986 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

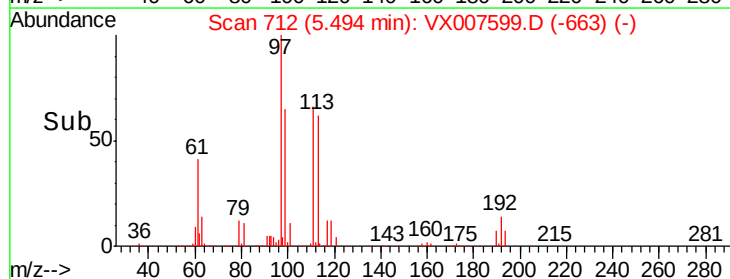
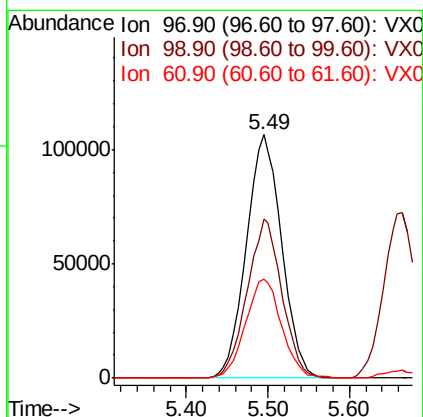
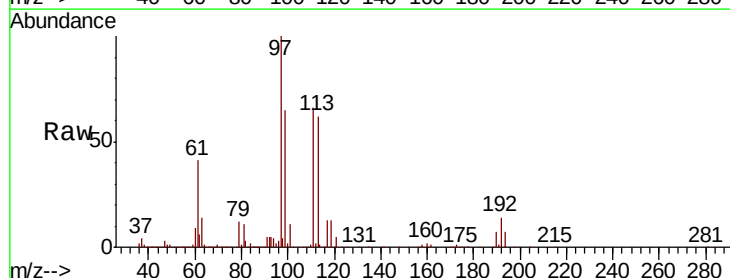
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

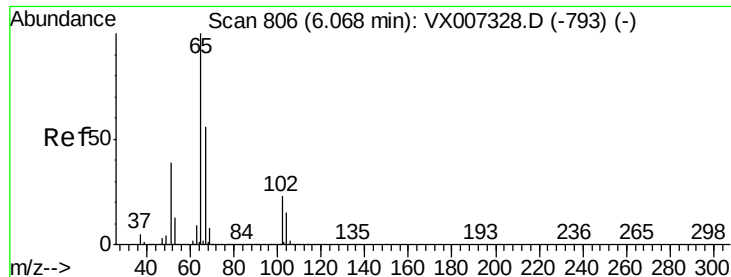
Tgt Ion: 56 Resp: 285080
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.6
84 86.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 52.853 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 97 Resp: 321330
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 41.4 32.7 49.1

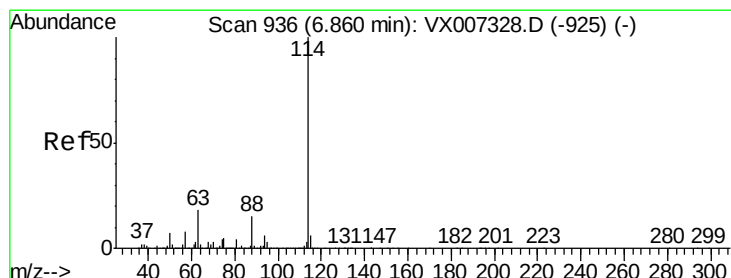
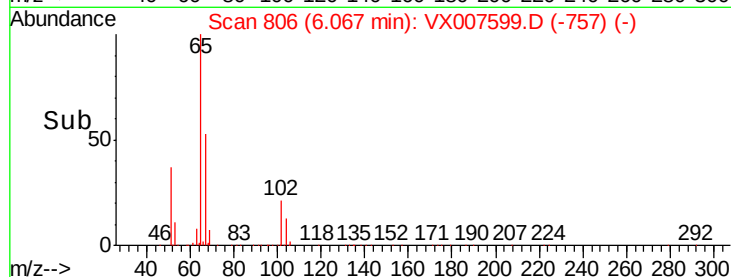
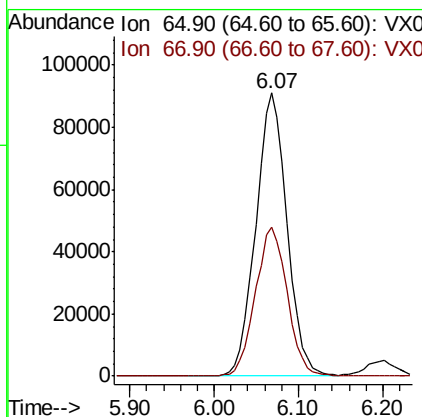
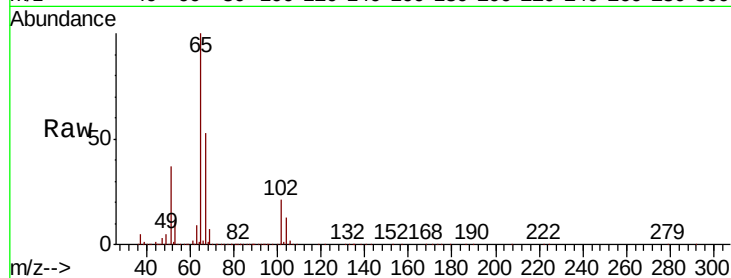




#33
 1,2-Dichloroethane-d4
 Concen: 51.811 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

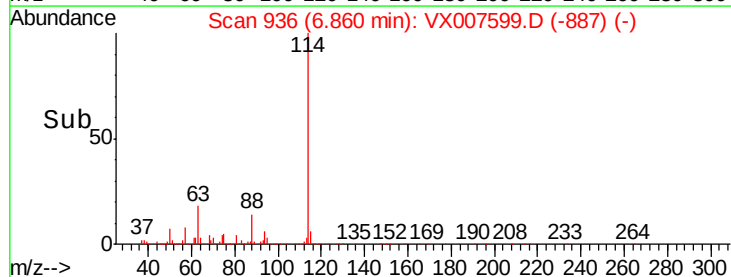
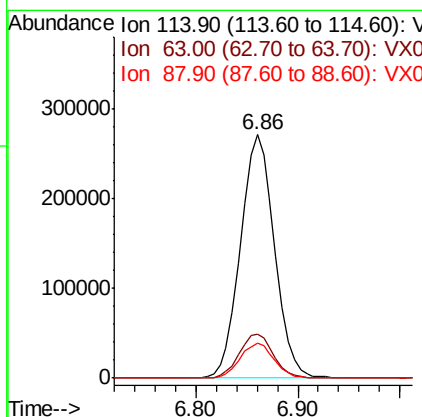
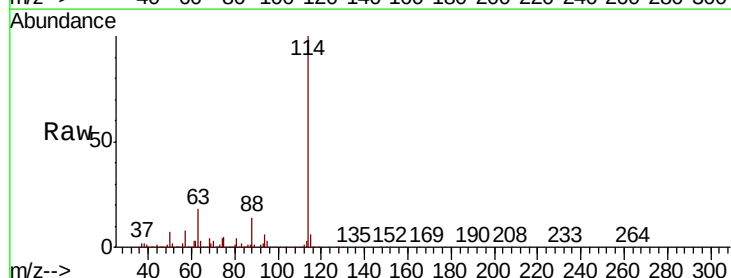
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

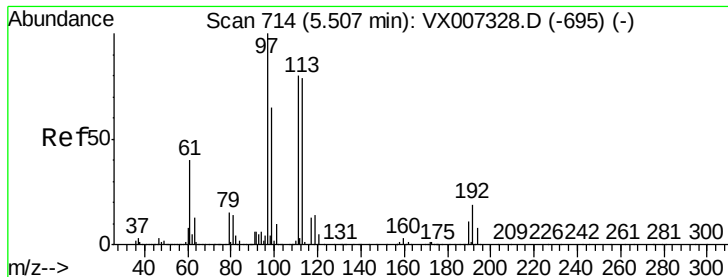
Tgt Ion: 65 Resp: 230978
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion: 114 Resp: 629932
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.4 0.0 29.6

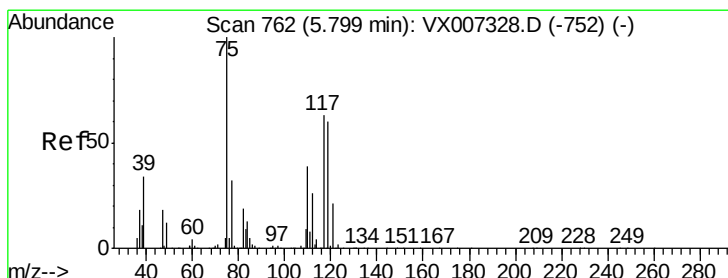
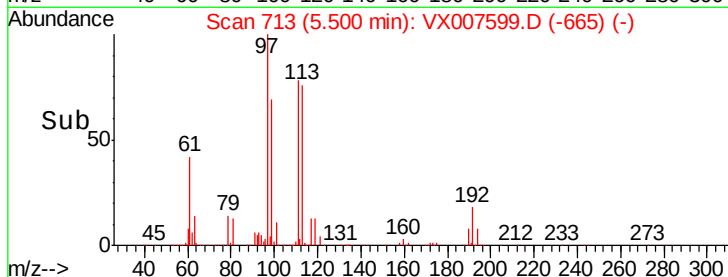
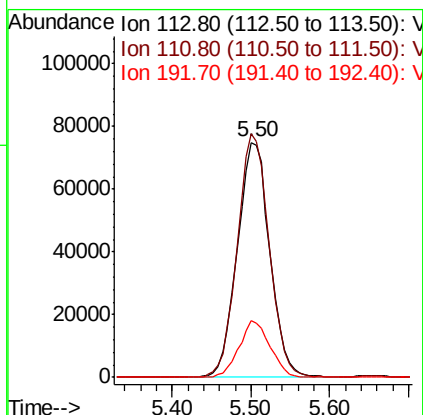
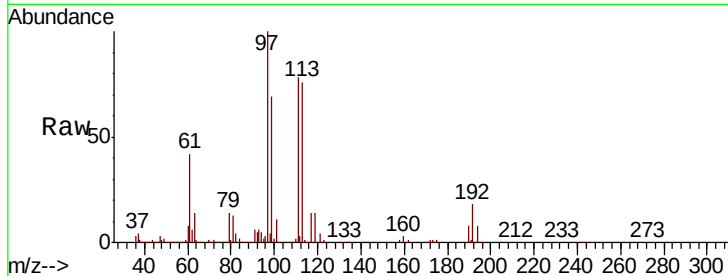




#35
 Dibromofluoromethane
 Concen: 52.271 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

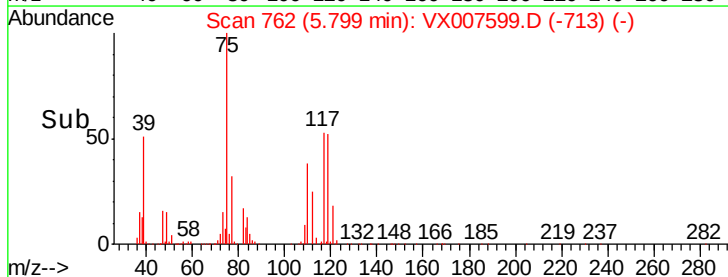
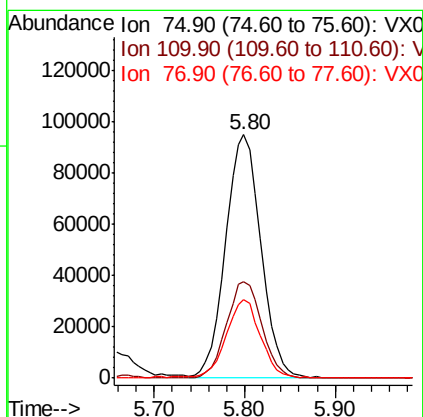
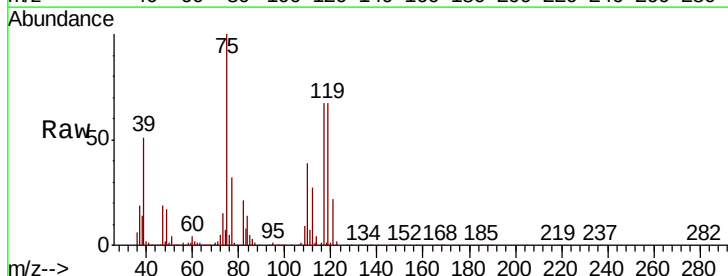
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

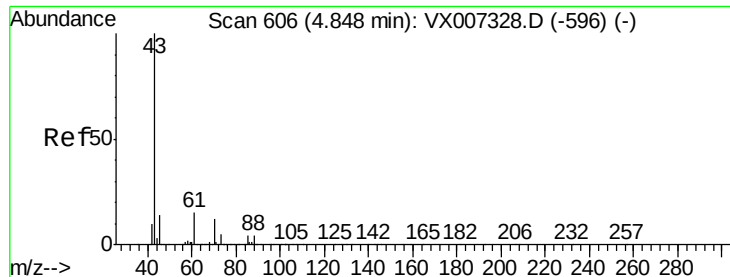
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	23.2	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 45.272 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	20.0	59.9
77	31.7	24.7	37.1

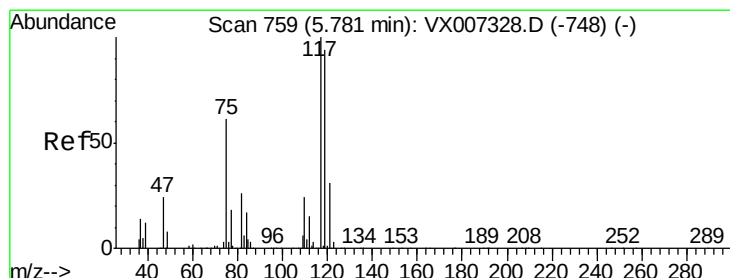
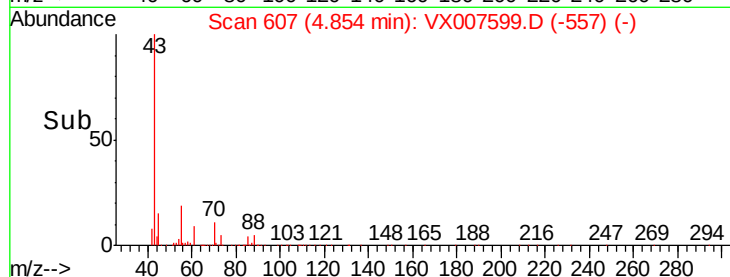
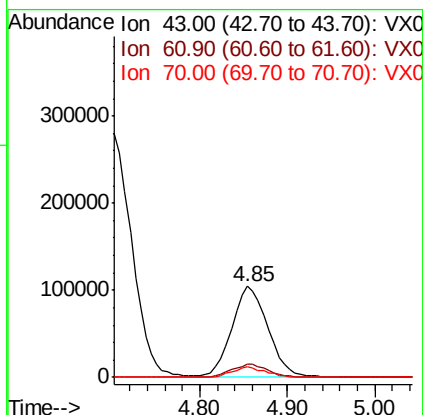
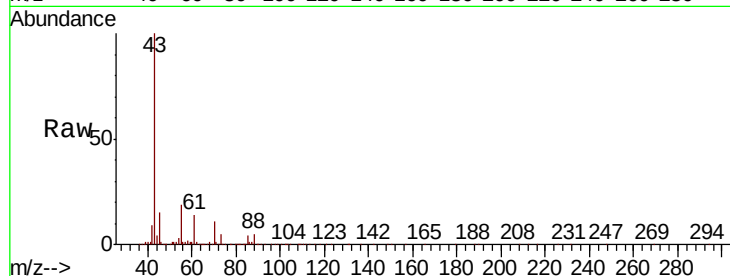




#37
Ethyl Acetate
Concen: 52.253 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

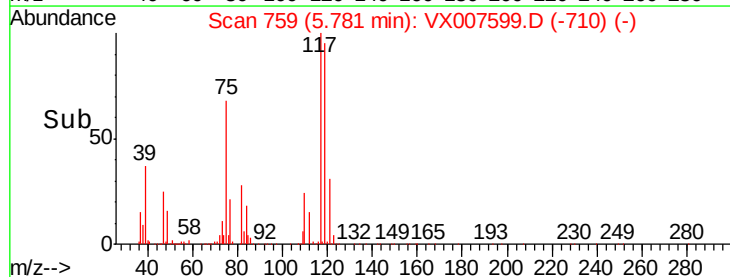
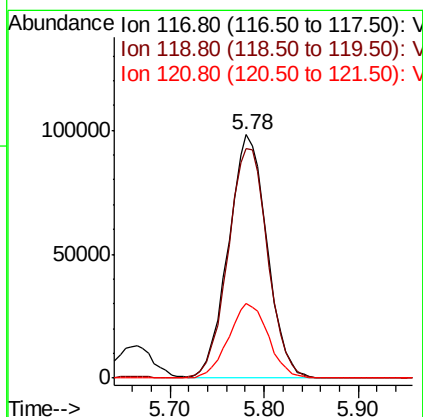
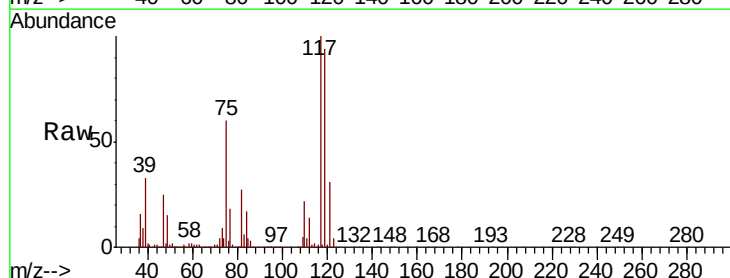
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

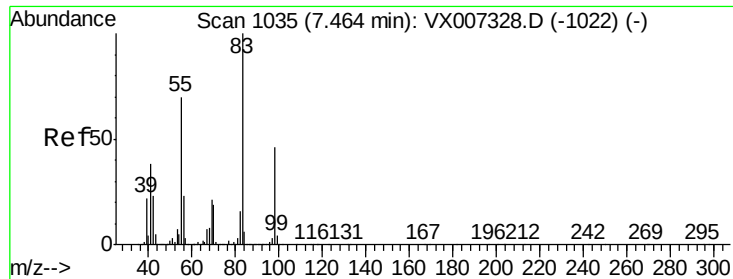
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.4	8.6	13.0



#38
Carbon Tetrachloride
Concen: 51.024 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.3	112.9
121	30.9	25.0	37.4

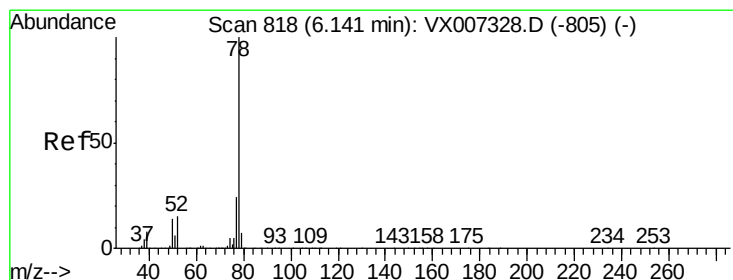
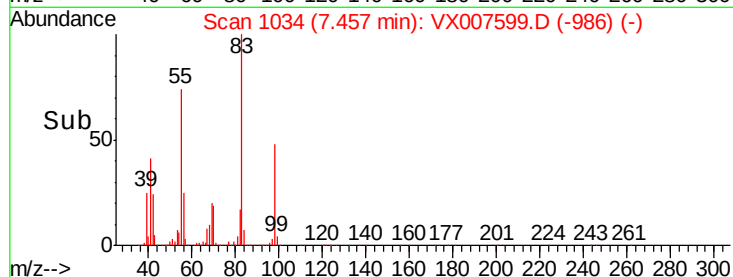
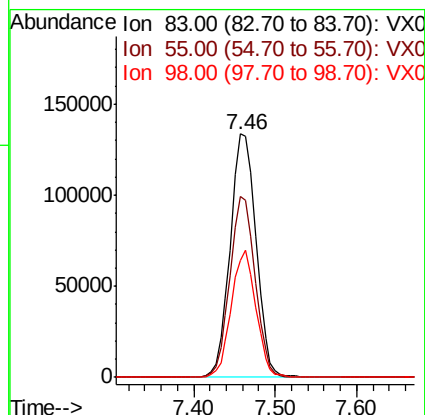
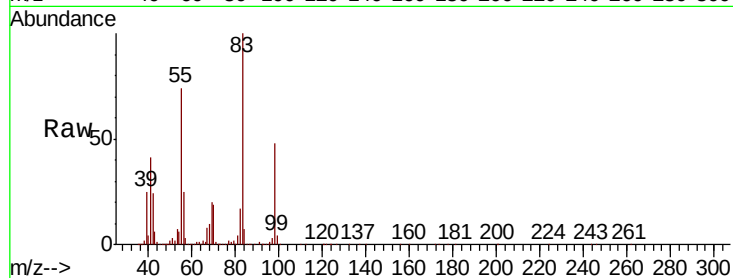




#39
Methylcyclohexane
Concen: 42.733 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

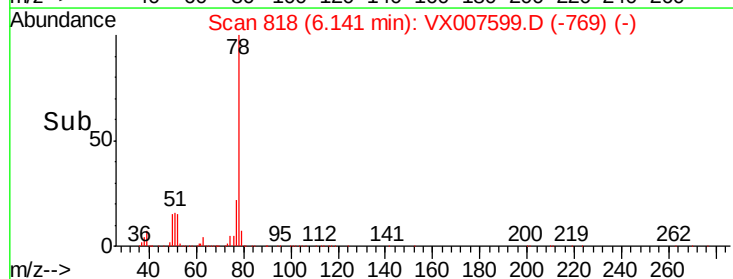
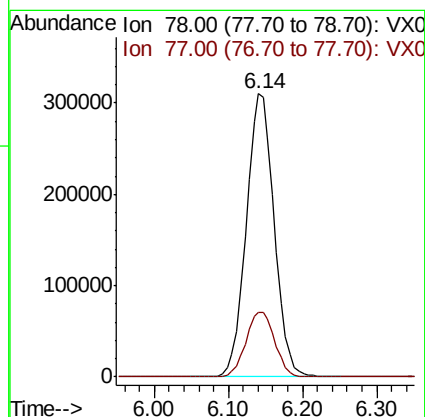
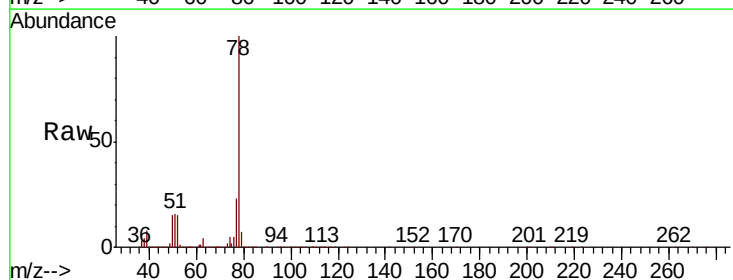
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

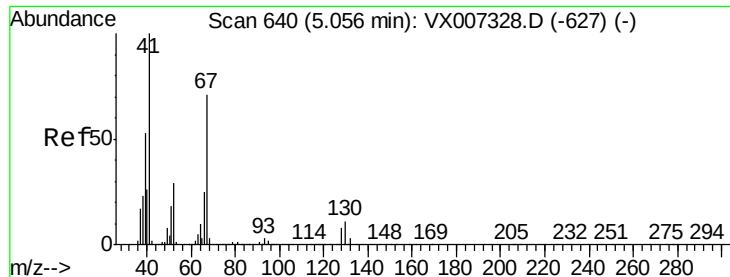
Tgt Ion: 83 Resp: 292220
Ion Ratio Lower Upper
83 100
55 74.1 56.2 84.2
98 48.0 36.8 55.2



#40
Benzene
Concen: 48.842 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 78 Resp: 813178
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

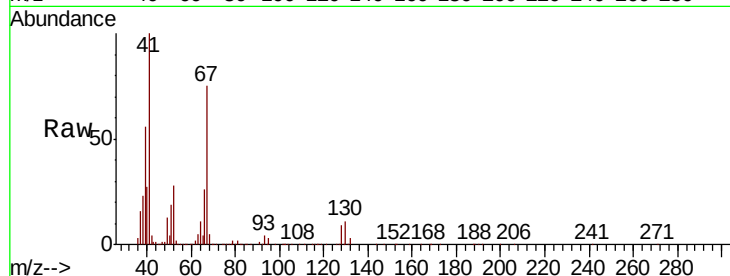




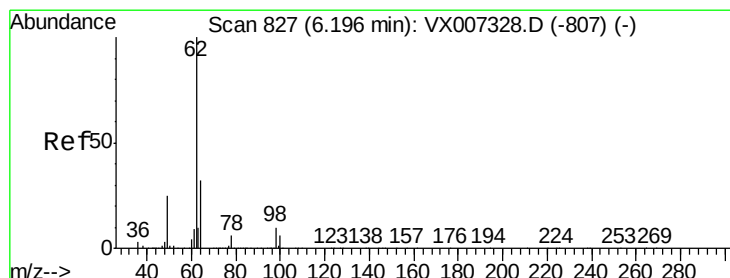
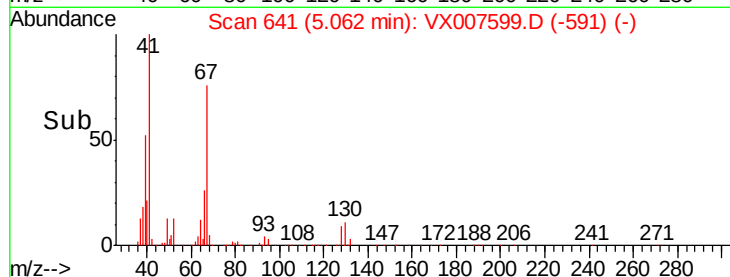
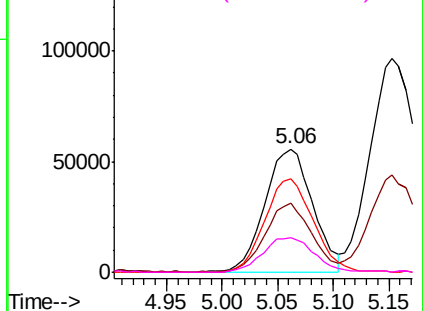
#41
Methacrylonitrile
Concen: 54.164 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	165859
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.5	66.7
67	77.6	60.4	90.6
52	30.0	24.1	36.1

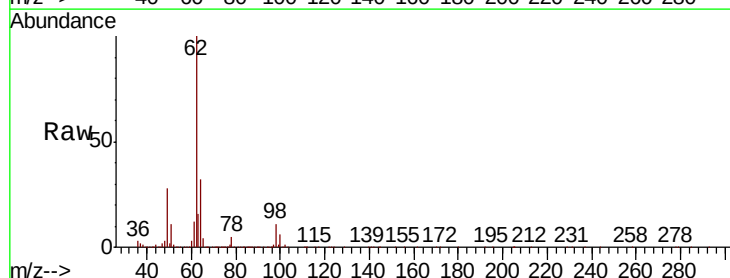


Abundance Ion 41.00 (40.70 to 41.70): VX0
150000 Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

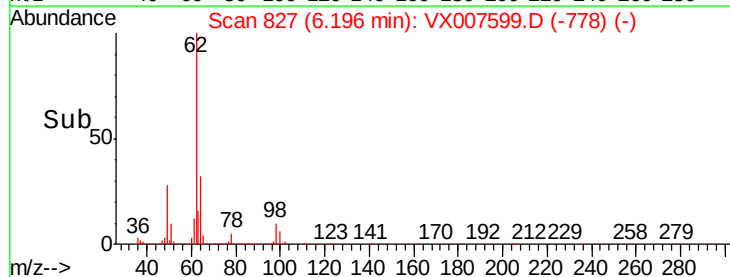
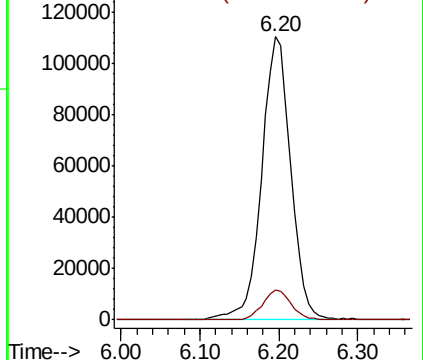


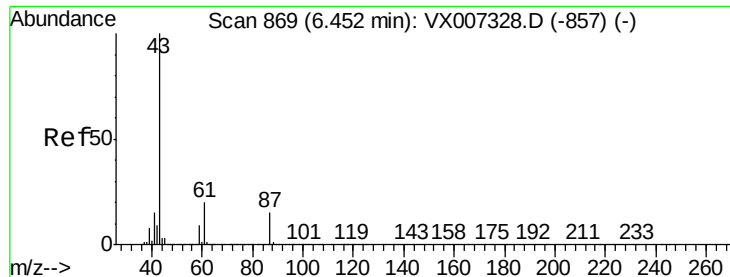
#42
1,2-Dichloroethane
Concen: 48.887 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:	62	Resp:	281615
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
120000 Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.142 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

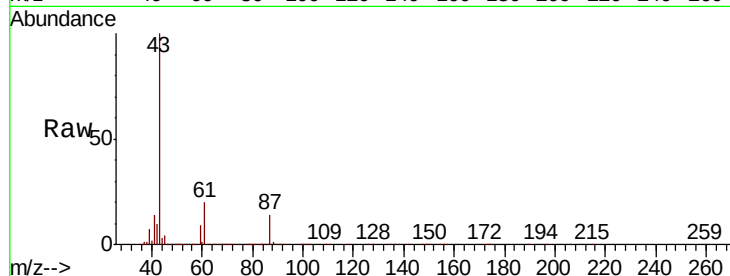
Tgt Ion: 43 Resp: 477467

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

87 14.0 11.5 17.3

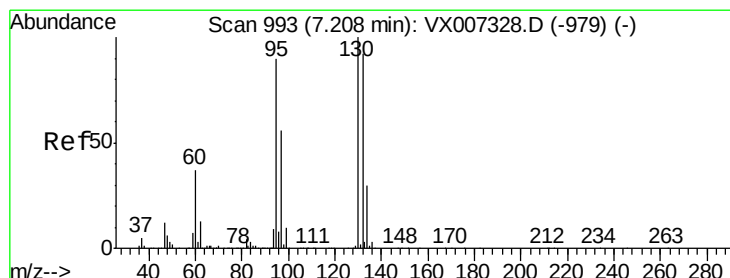
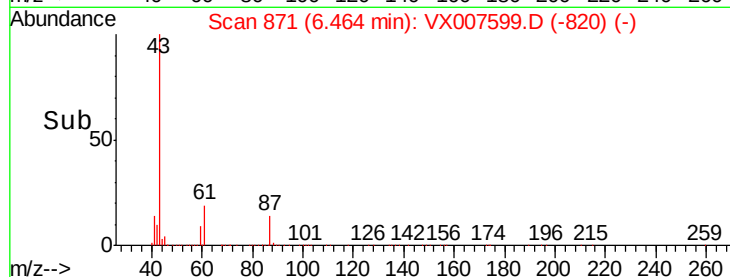
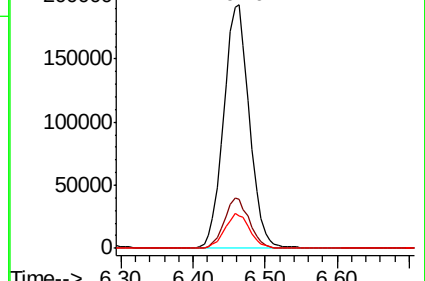


Abundance Ion 43.00 (42.70 to 43.70): VX007599.D (-871) (-)

Ion 61.00 (60.70 to 61.70): VX007599.D (-871) (-)

Ion 87.00 (86.70 to 87.70): VX007599.D (-871) (-)

6.46



#44

Trichloroethene

Concen: 46.797 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007599.D

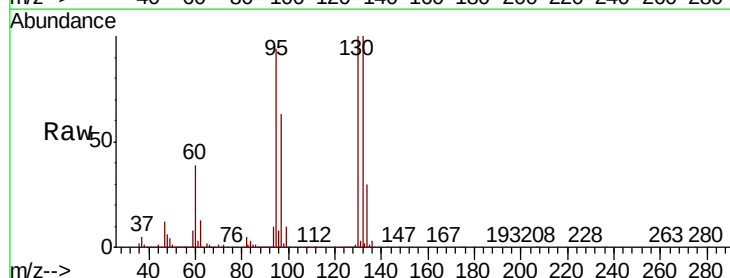
Acq: 18 Feb 2019 19:58

Tgt Ion: 130 Resp: 234655

Ion Ratio Lower Upper

130 100

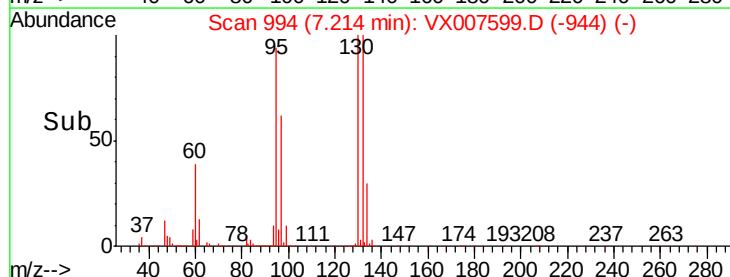
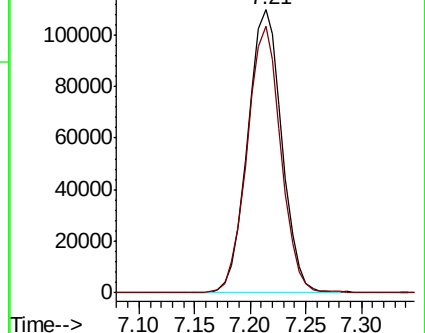
95 94.0 0.0 180.0

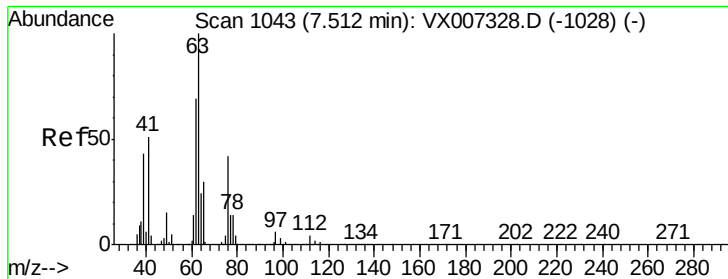


Abundance Ion 129.80 (129.50 to 130.50): VX007599.D (-994) (-)

Ion 94.90 (94.60 to 95.60): VX007599.D (-994) (-)

7.21





#45

1,2-Dichloropropane

Concen: 50.359 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

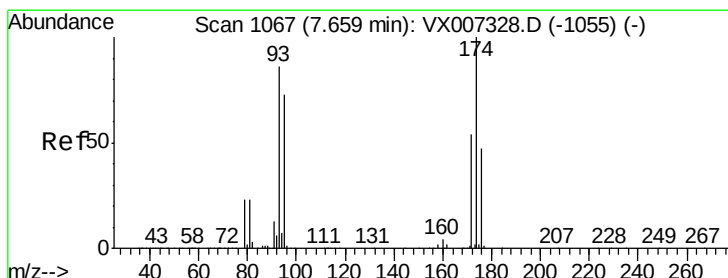
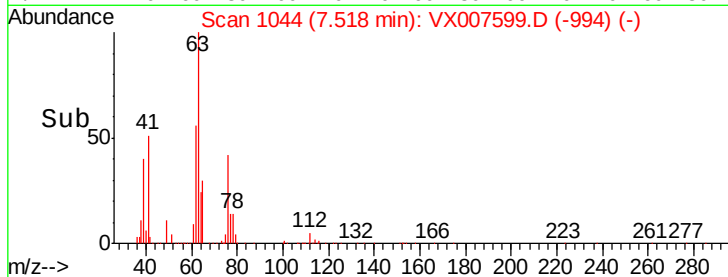
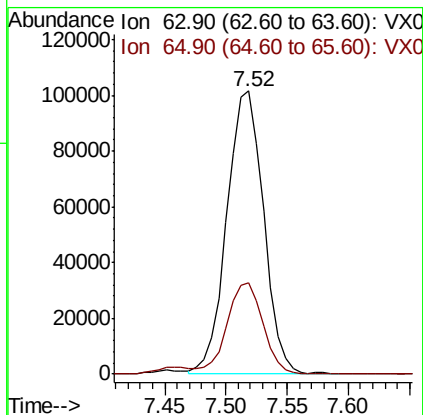
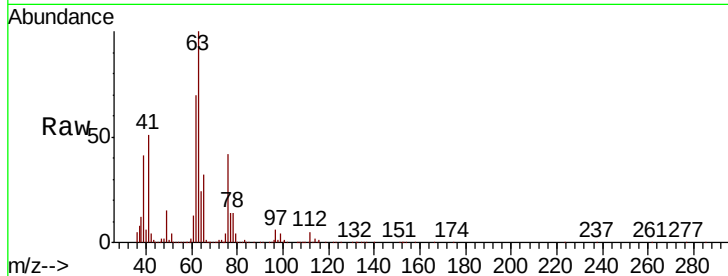
VSTDCCC050EC

Tgt Ion: 63 Resp: 210073

Ion Ratio Lower Upper

63 100

65 32.1 24.2 36.2



#46

Dibromomethane

Concen: 49.595 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

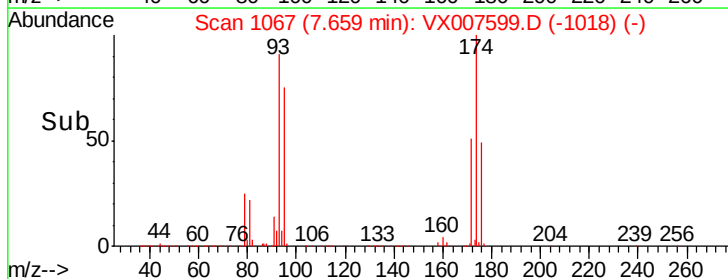
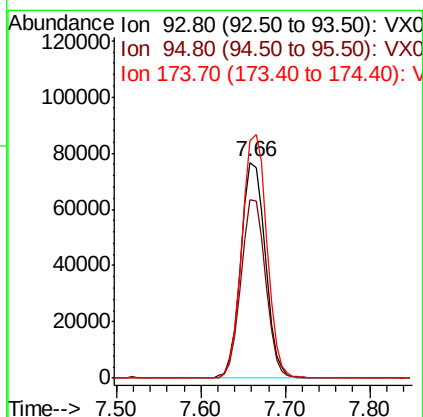
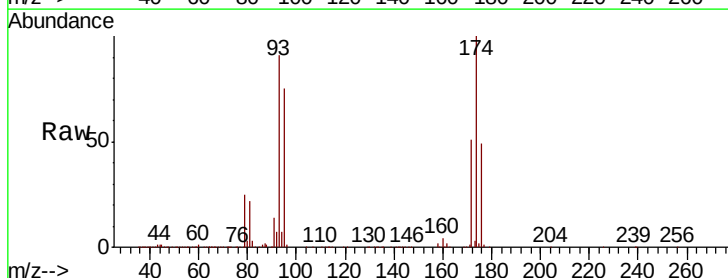
Tgt Ion: 93 Resp: 150366

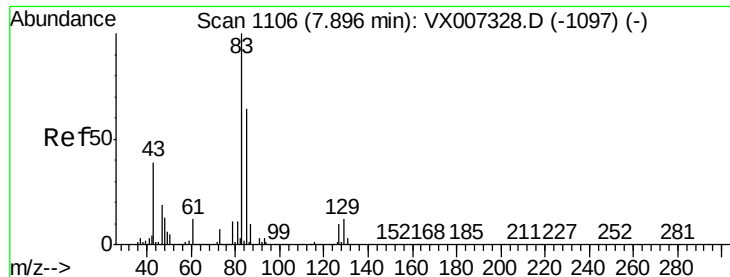
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 114.3 94.2 141.4





#47

Bromodichloromethane

Concen: 54.009 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

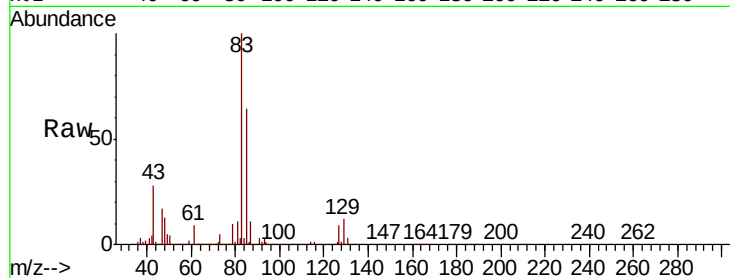
Tgt Ion: 83 Resp: 277513

Ion Ratio Lower Upper

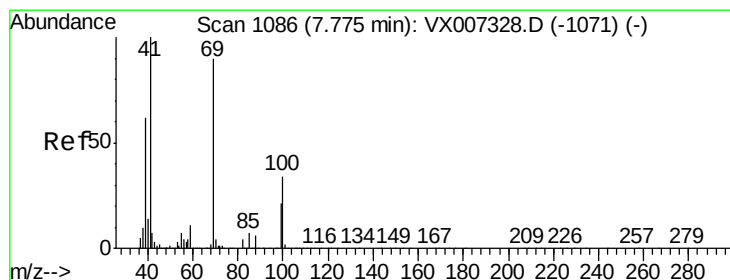
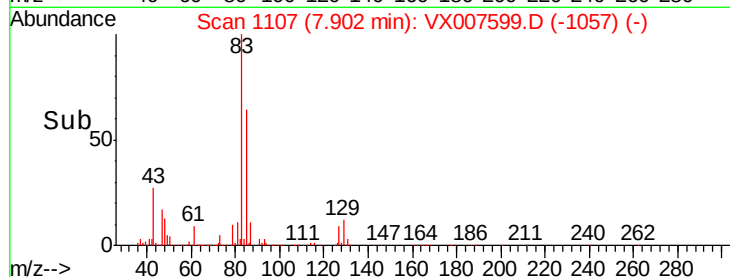
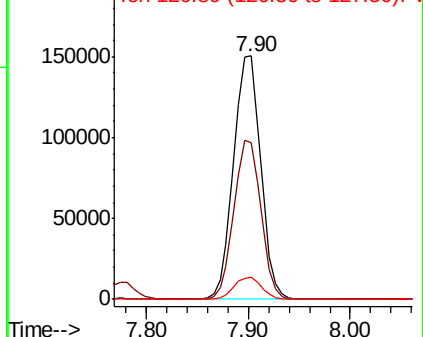
83 100

85 64.2 51.4 77.0

127 9.2 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: 54.985 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

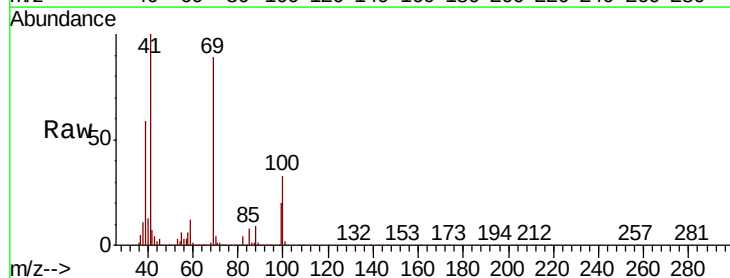
Tgt Ion: 41 Resp: 242546

Ion Ratio Lower Upper

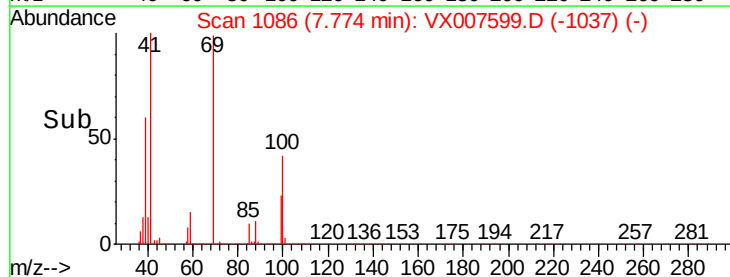
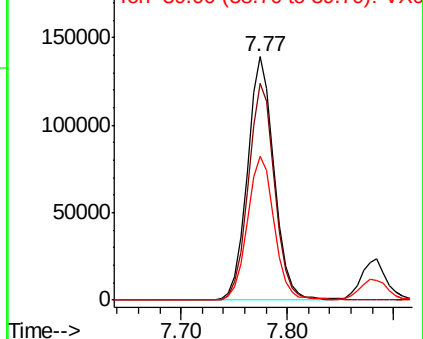
41 100

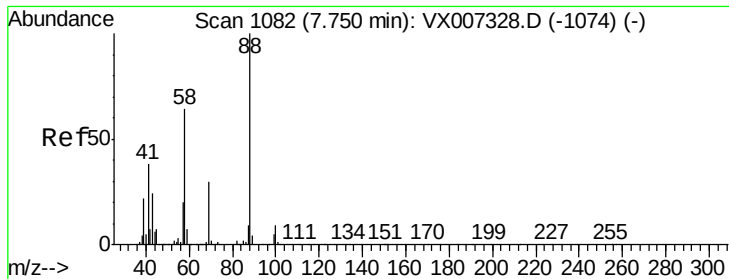
69 88.2 70.2 105.4

39 59.7 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: 1052.573 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

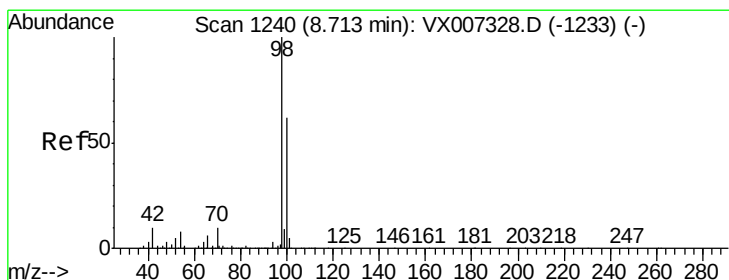
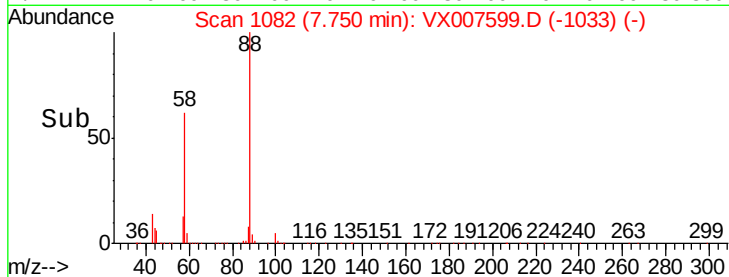
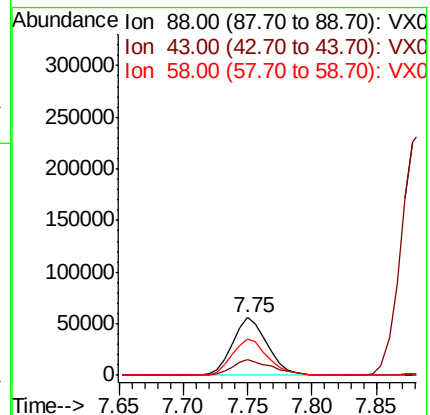
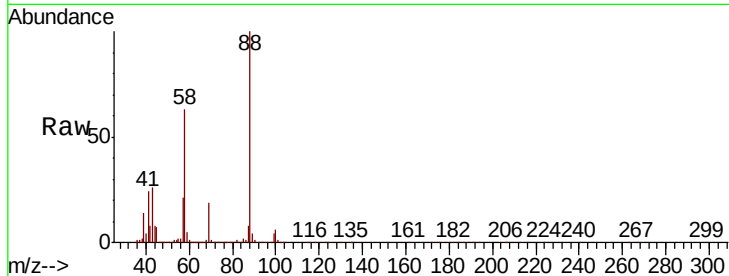
Tgt Ion: 88 Resp: 105628

Ion Ratio Lower Upper

88 100

43 29.9 24.2 36.4

58 65.6 53.0 79.4



#50

Toluene-d8

Concen: 50.448 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007599.D

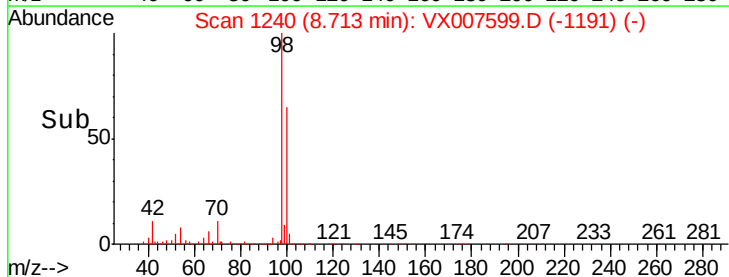
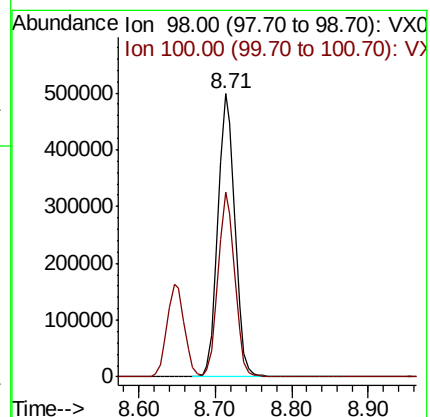
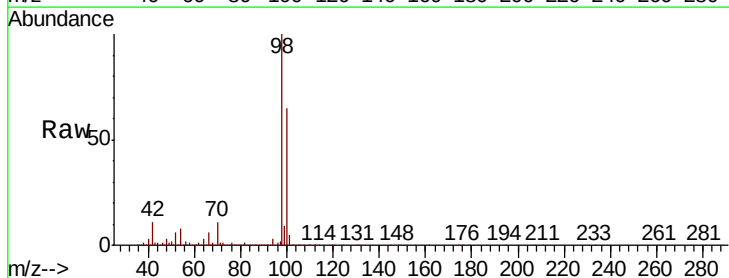
Acq: 18 Feb 2019 19:58

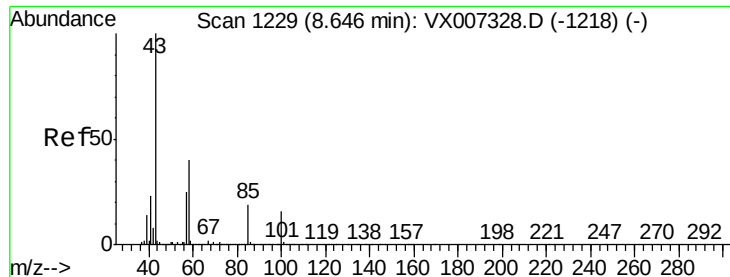
Tgt Ion: 98 Resp: 767168

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 273.857 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

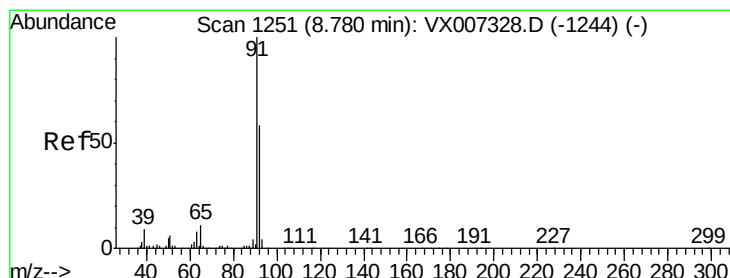
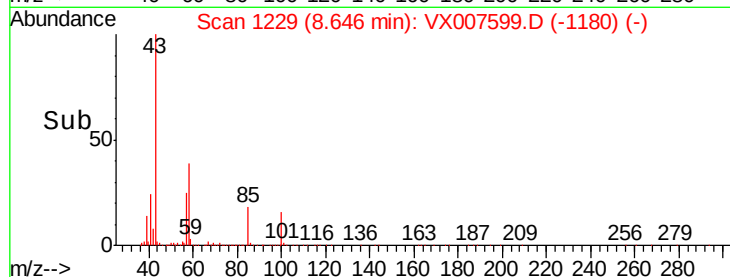
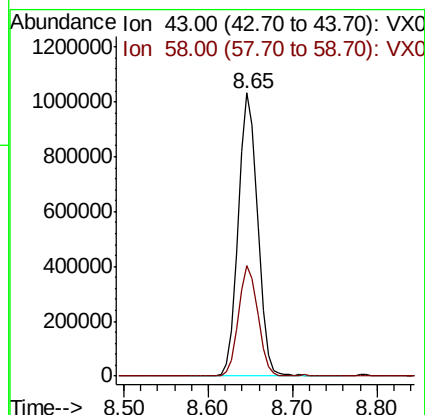
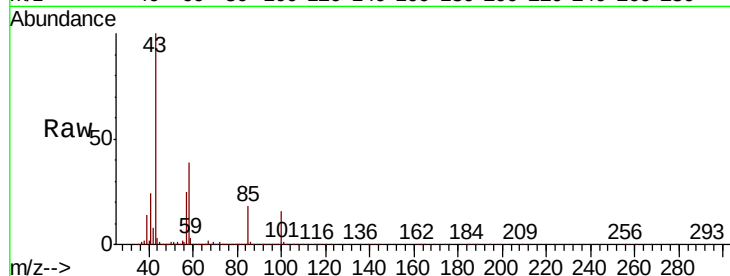
VSTDCCC050EC

Tgt Ion: 43 Resp: 1589869

Ion Ratio Lower Upper

43 100

58 38.8 31.2 46.8



#52

Toluene

Concen: 48.502 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007599.D

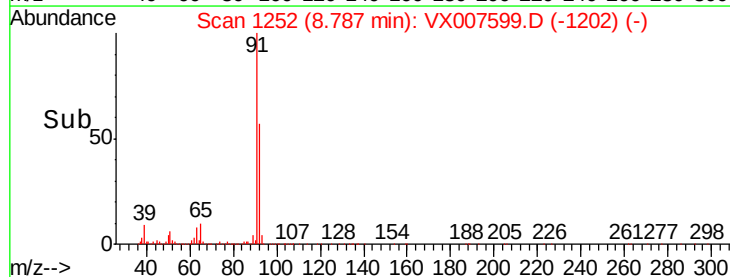
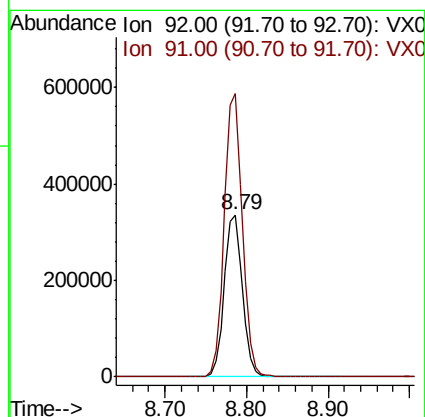
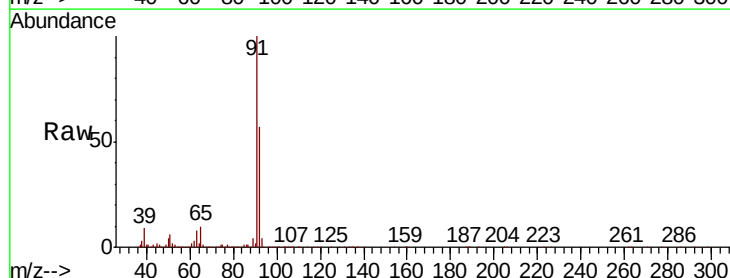
Acq: 18 Feb 2019 19:58

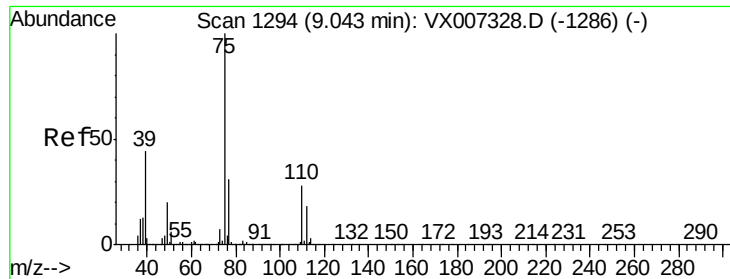
Tgt Ion: 92 Resp: 520999

Ion Ratio Lower Upper

92 100

91 174.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 52.926 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

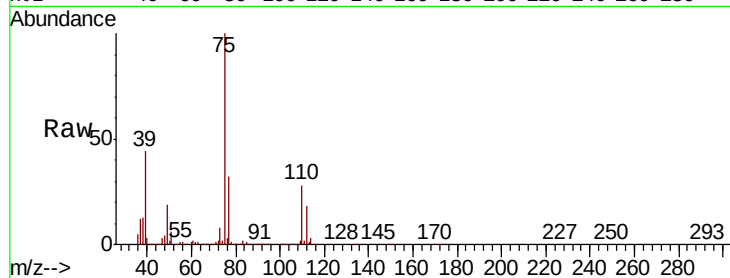
VSTDCCC050EC

Tgt Ion: 75 Resp: 292114

Ion Ratio Lower Upper

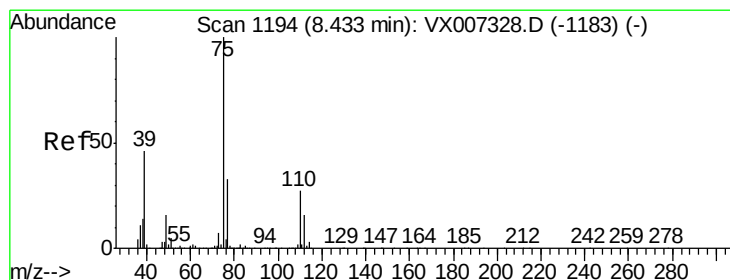
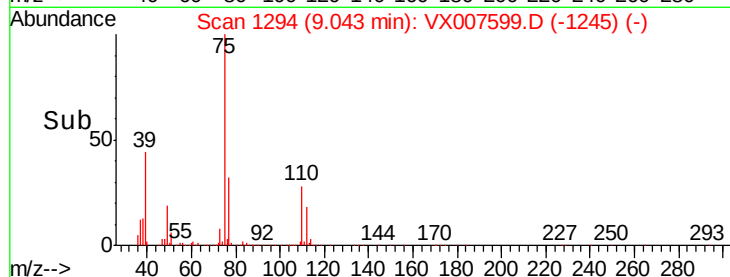
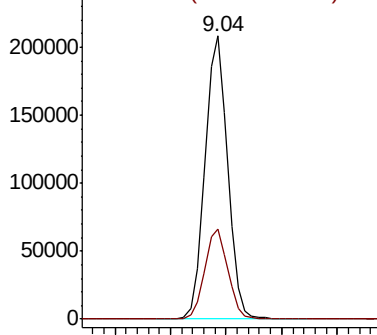
75 100

77 31.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.077 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

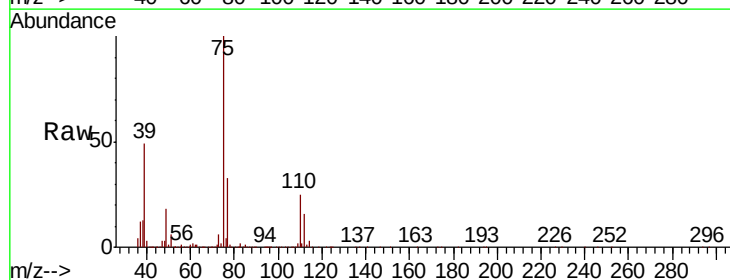
Tgt Ion: 75 Resp: 322155

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

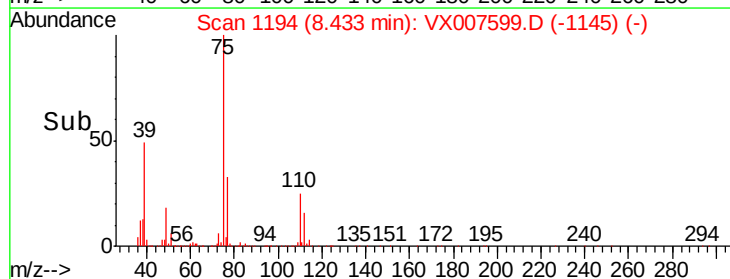
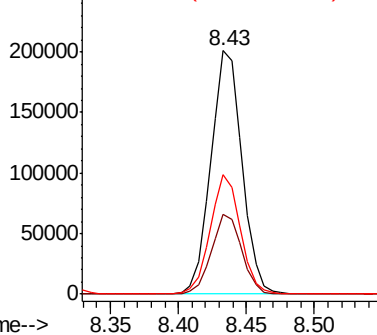
39 48.8 37.1 55.7

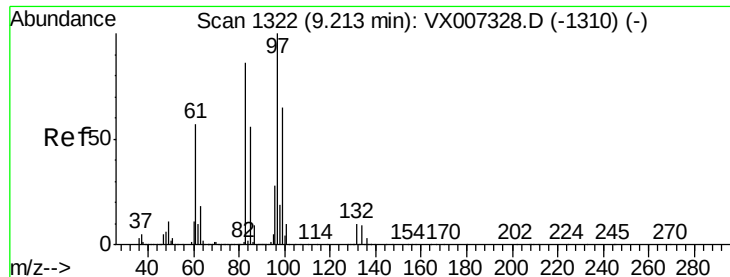


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

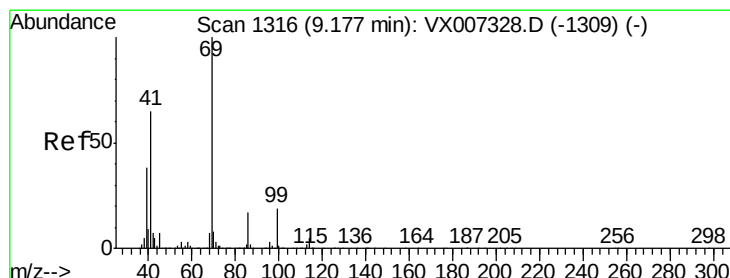
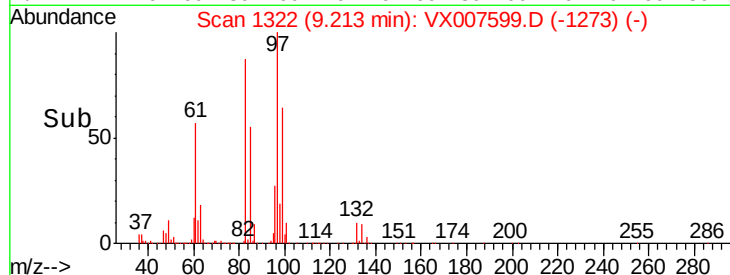
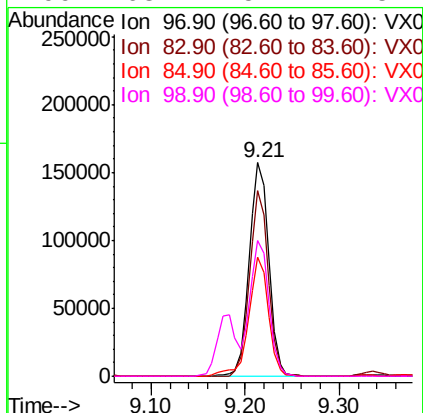
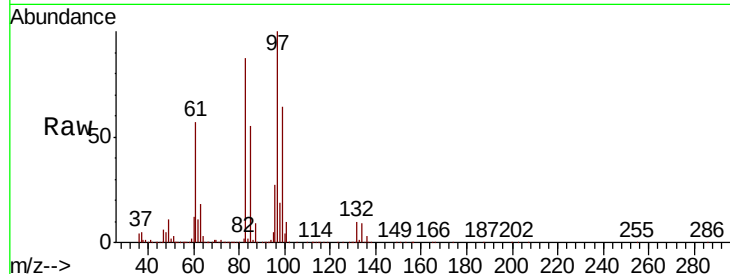




#55
 1,1,2-Trichloroethane
 Concen: 51.475 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

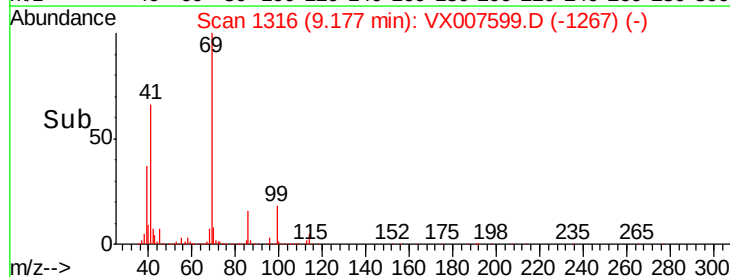
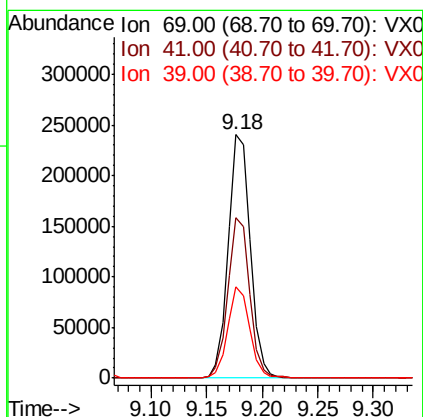
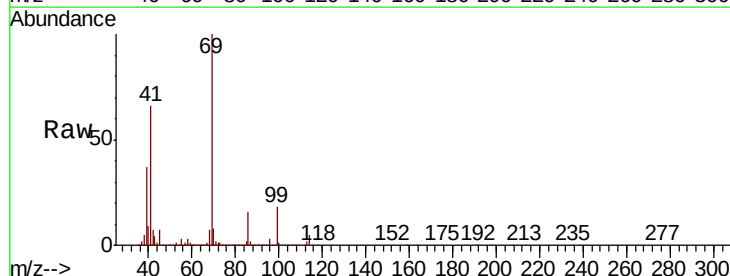
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

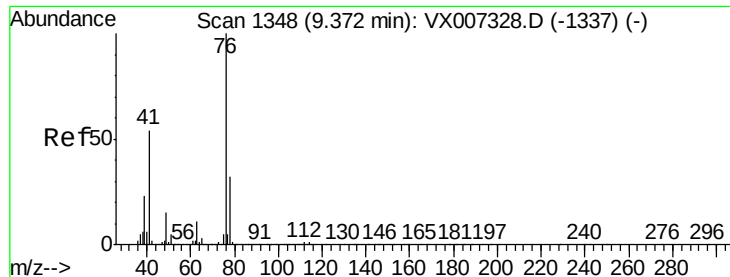
Tgt Ion:	97	Resp:	230486
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.6	102.8
85	55.4	44.5	66.7
99	63.7	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 53.133 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion:	69	Resp:	329511
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.1	78.1
39	37.0	30.1	45.1





#57

1,3-Dichloropropane

Concen: 50.659 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

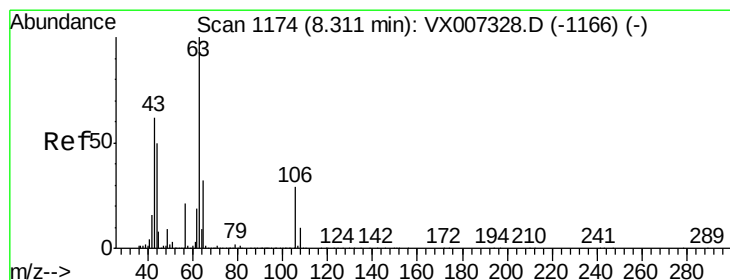
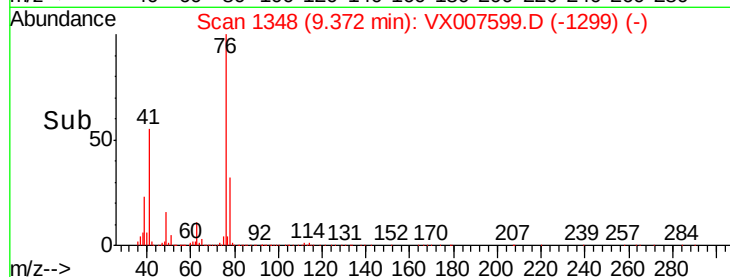
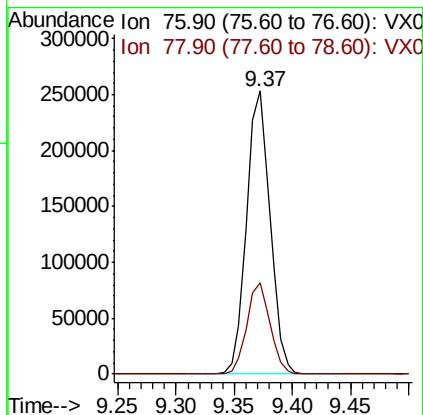
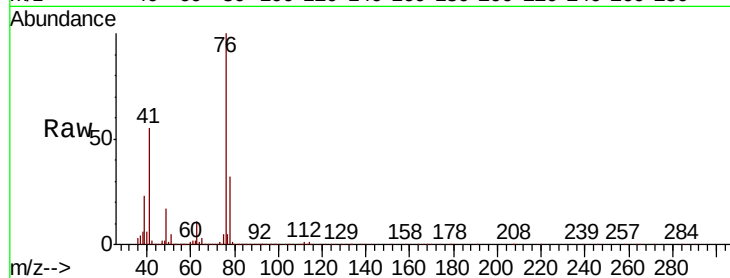
VSTDCCC050EC

Tgt Ion: 76 Resp: 360731

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 268.422 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007599.D

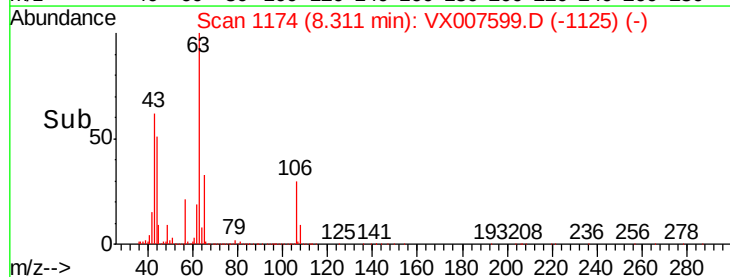
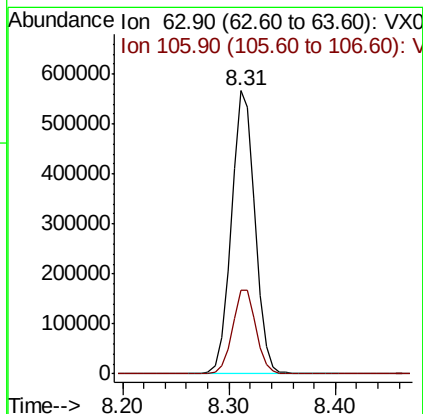
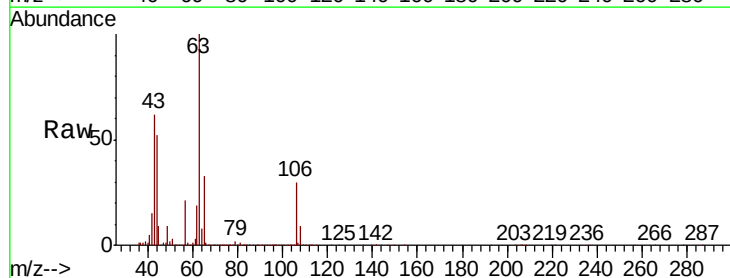
Acq: 18 Feb 2019 19:58

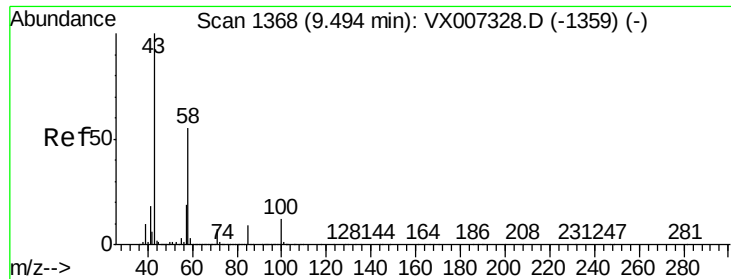
Tgt Ion: 63 Resp: 877403

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4

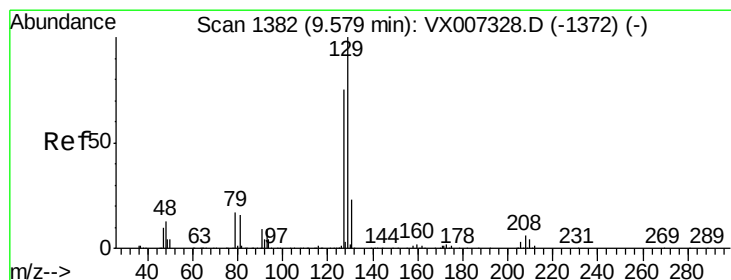
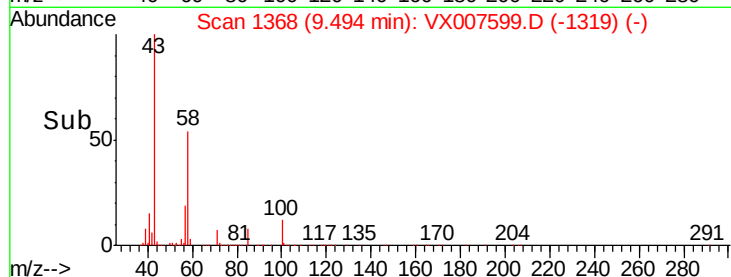
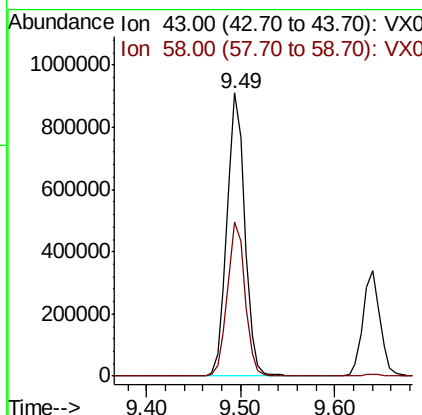
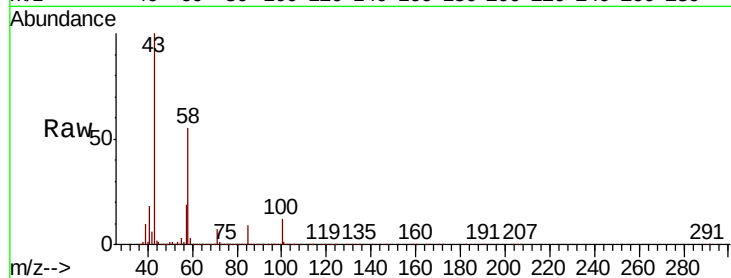




#59
2-Hexanone
Concen: 265.662 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

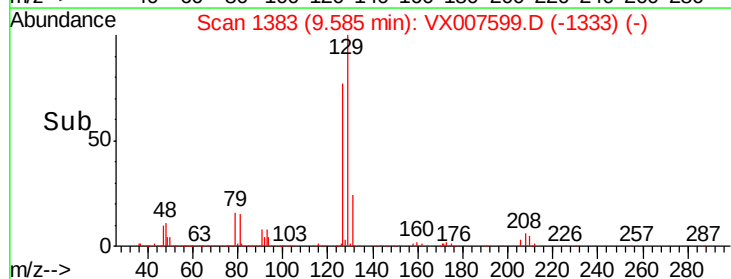
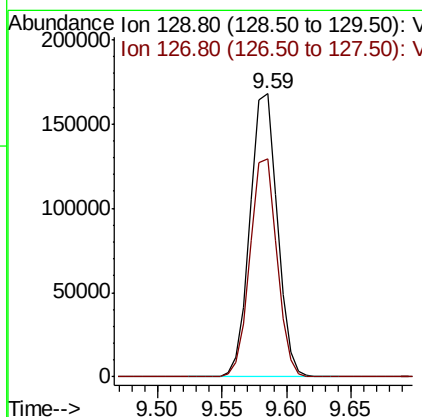
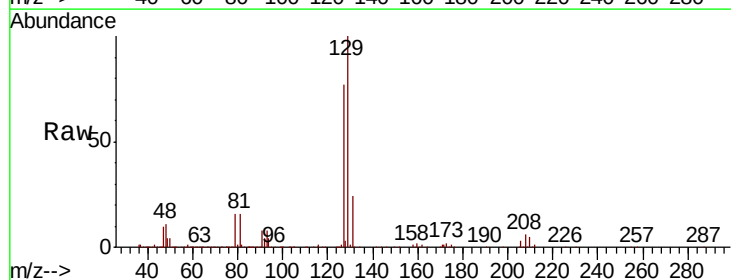
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

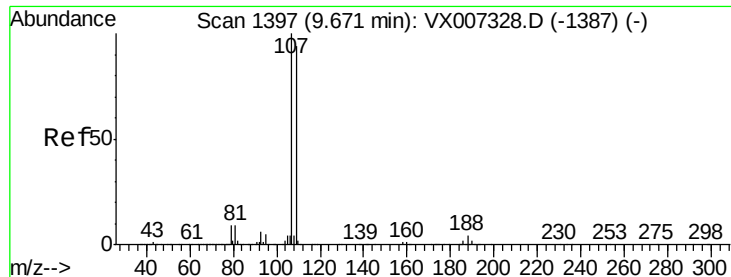
Tgt Ion: 43 Resp: 1200163
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 57.813 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 129 Resp: 244828
Ion Ratio Lower Upper
129 100
127 75.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 51.798 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

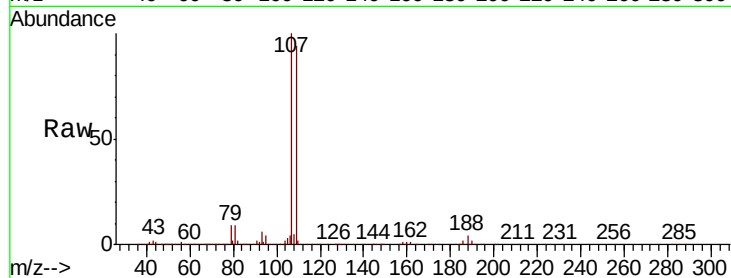
VSTDCCC050EC

Tgt Ion: 107 Resp: 245621

Ion Ratio Lower Upper

107 100

109 93.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

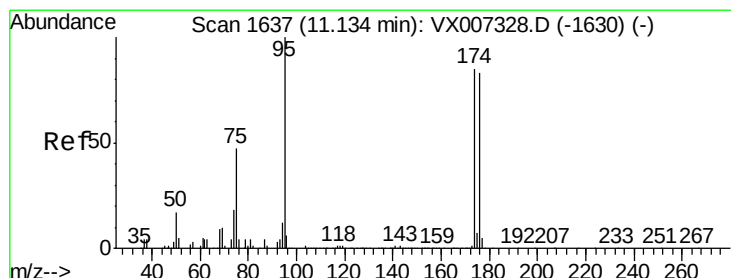
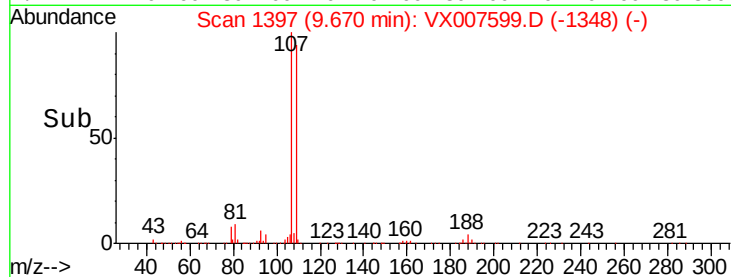
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.842 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

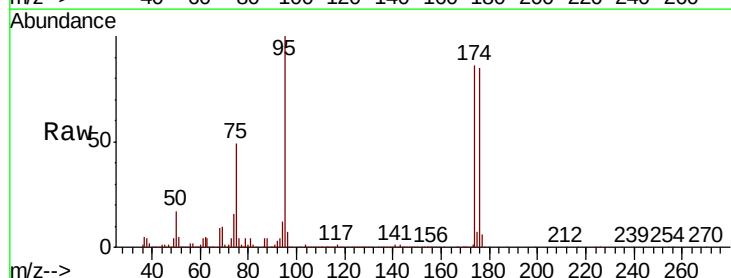
Tgt Ion: 95 Resp: 276727

Ion Ratio Lower Upper

95 100

174 93.4 0.0 189.2

176 90.1 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

300000

250000

200000

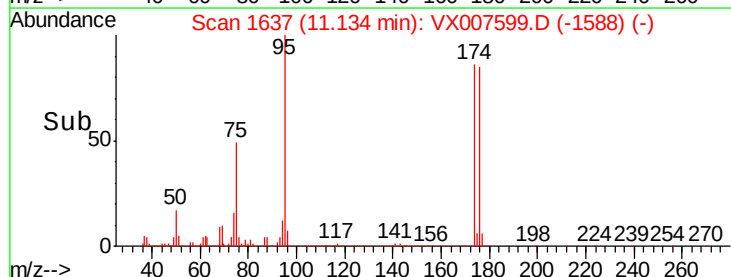
150000

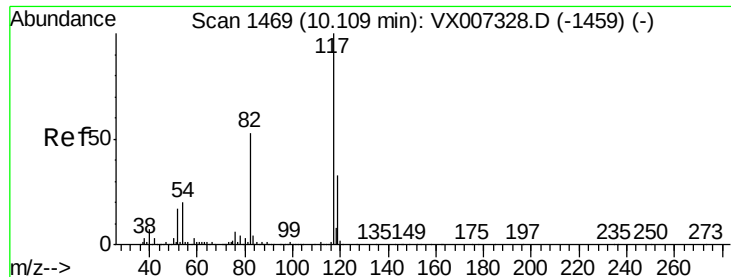
100000

50000

0

Time-->

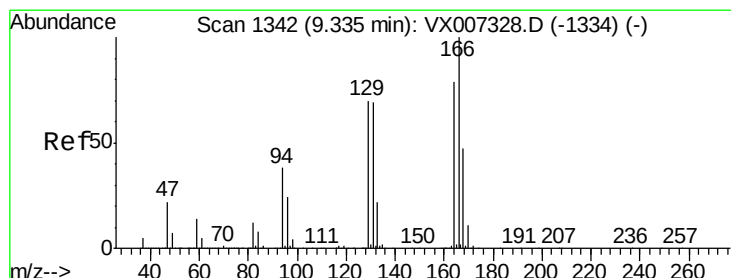
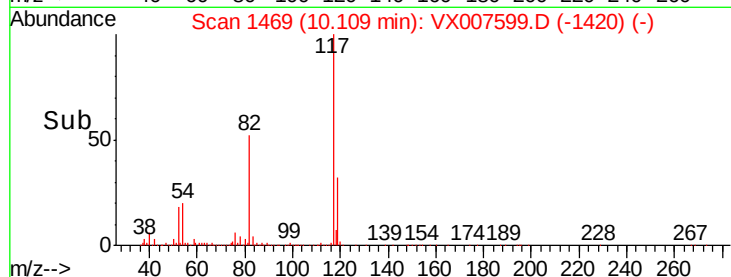
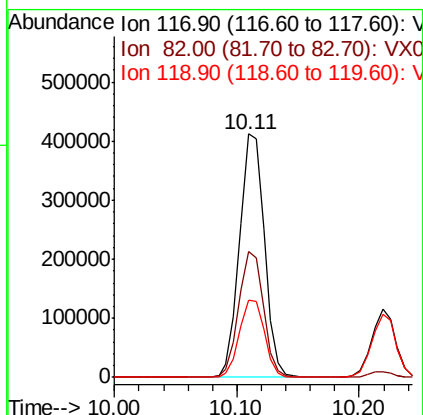
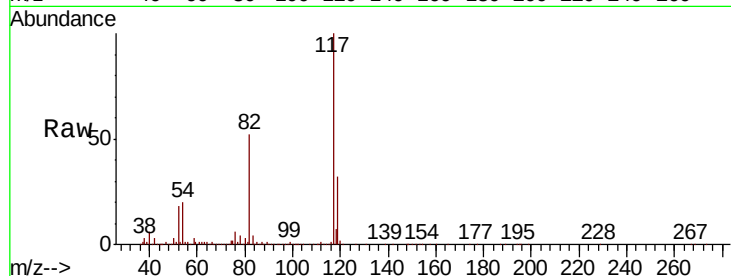




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

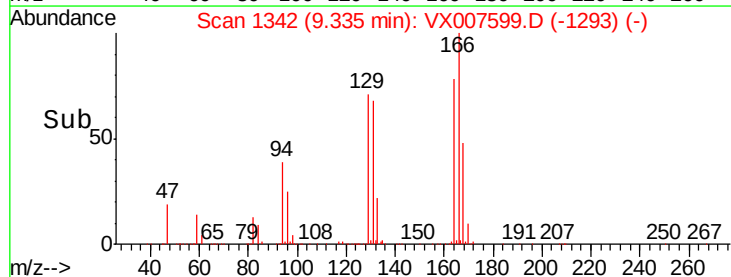
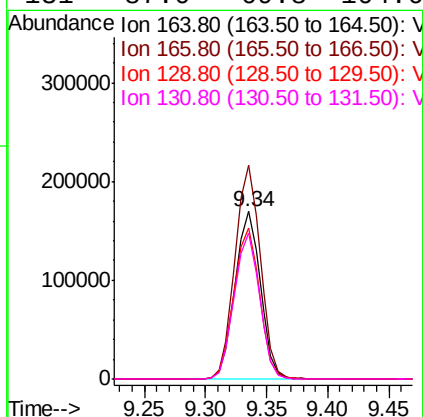
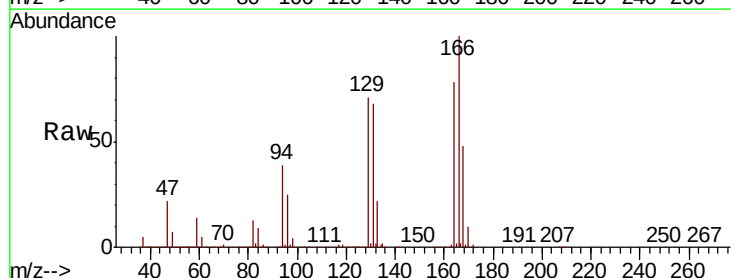
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

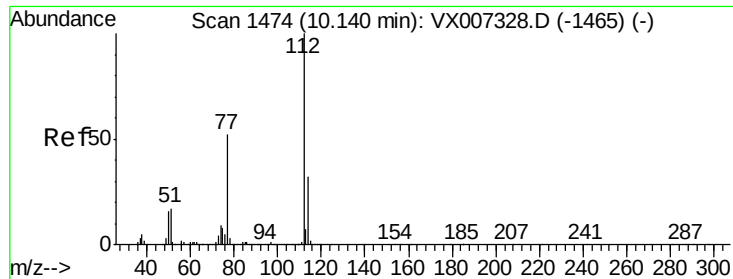
Tgt Ion:117 Resp: 582016
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 44.244 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:164 Resp: 242706
Ion Ratio Lower Upper
164 100
166 127.6 101.0 151.4
129 90.4 70.5 105.7
131 87.0 69.8 104.6

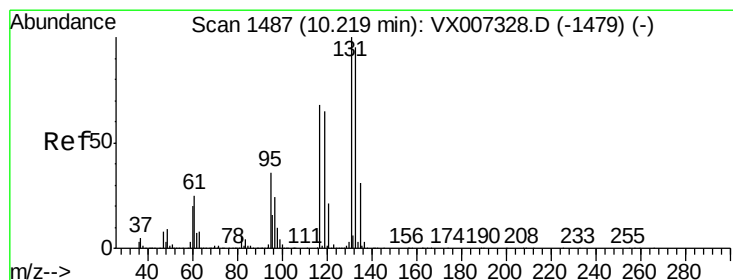
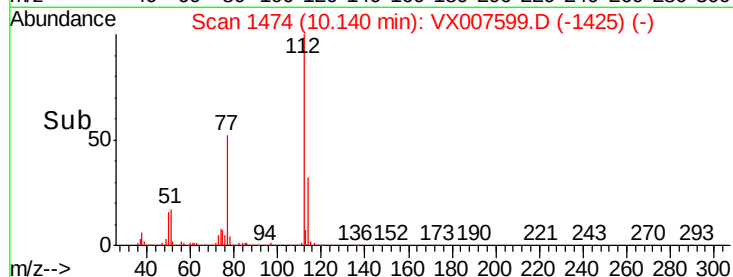
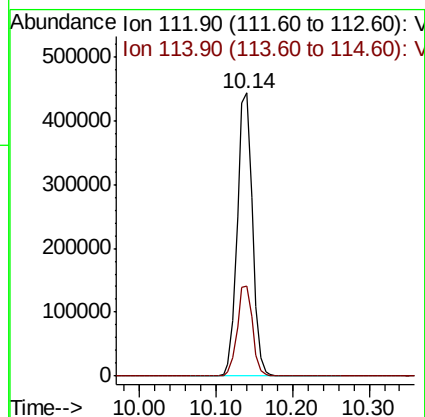
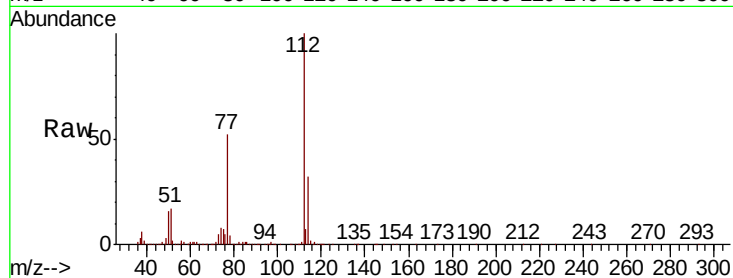




#65
Chlorobenzene
Concen: 47.872 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

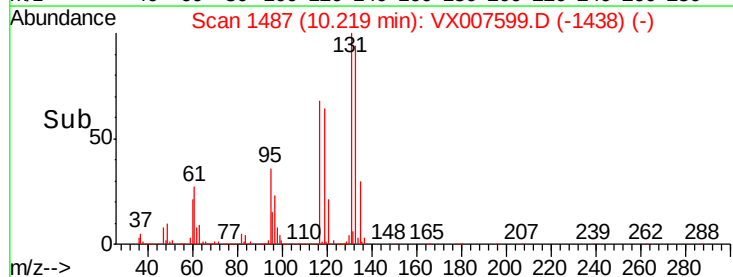
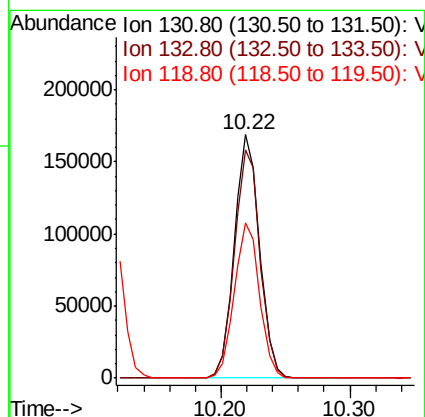
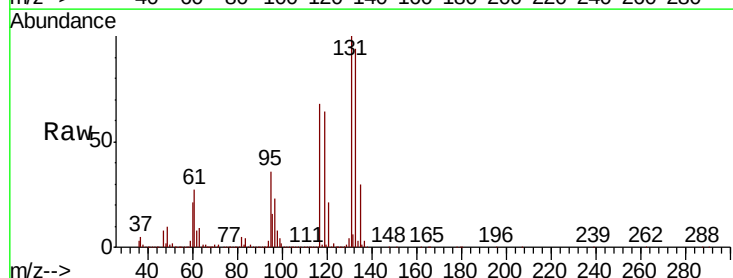
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

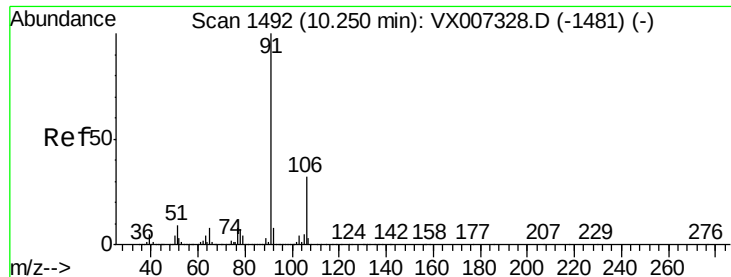
Tgt Ion:112 Resp: 608002
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.083 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:131 Resp: 230293
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 49.168 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

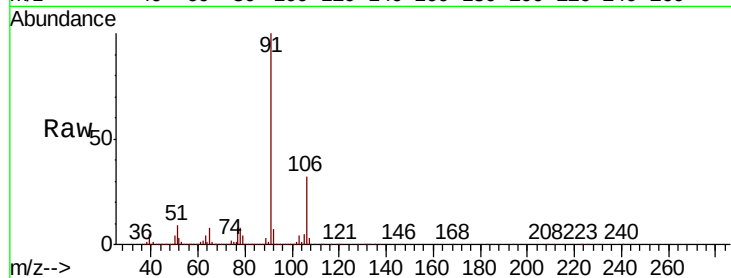
VSTDCCC050EC

Tgt Ion: 91 Resp: 1005630

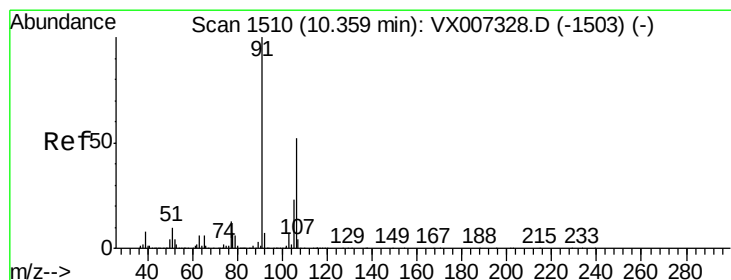
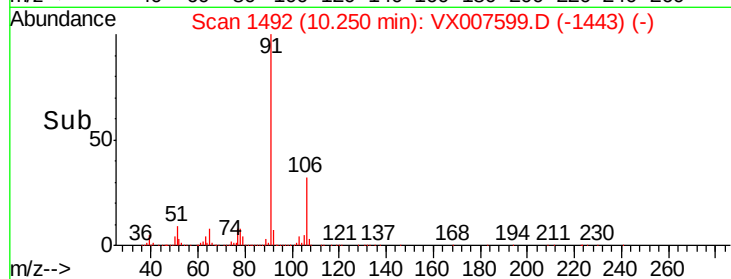
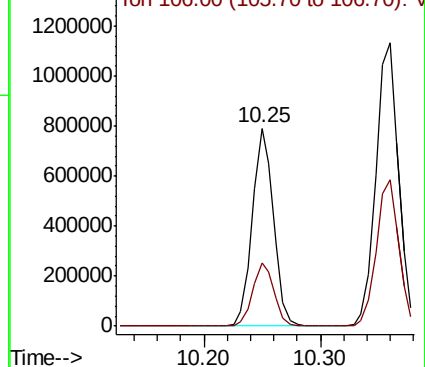
Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1481) (-)



#68

m/p-Xylenes

Concen: 96.324 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007599.D

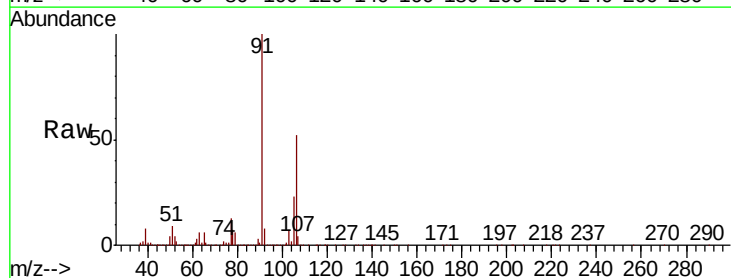
Acq: 18 Feb 2019 19:58

Tgt Ion: 106 Resp: 783148

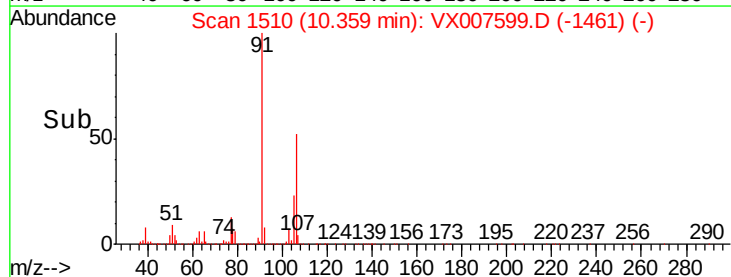
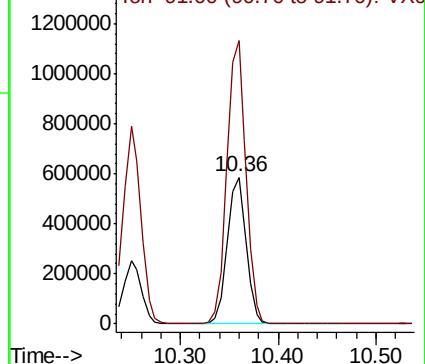
Ion Ratio Lower Upper

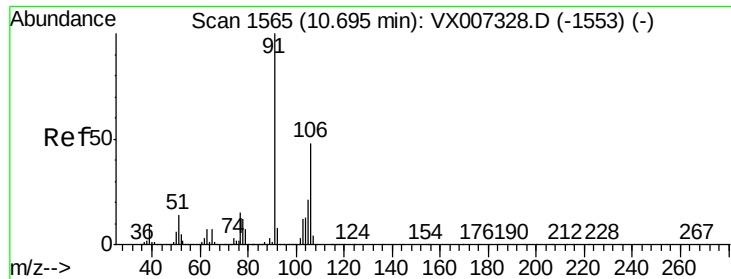
106 100

91 194.7 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007328.D (-1503) (-)

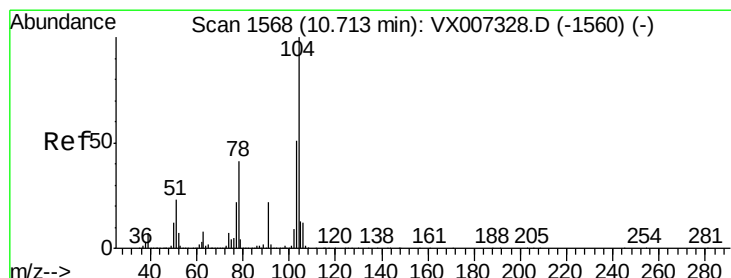
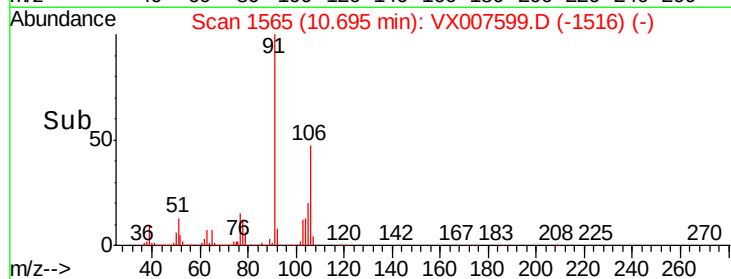
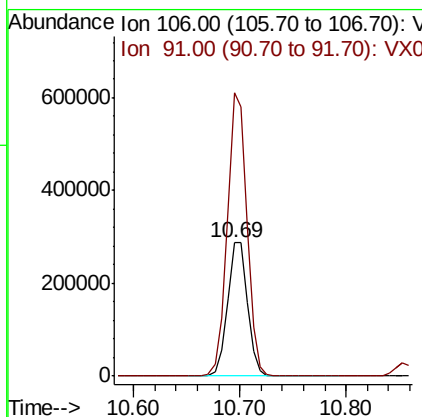
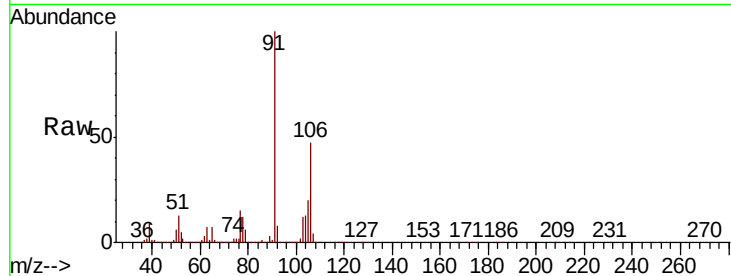




#69
o-Xylene
Concen: 48.756 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

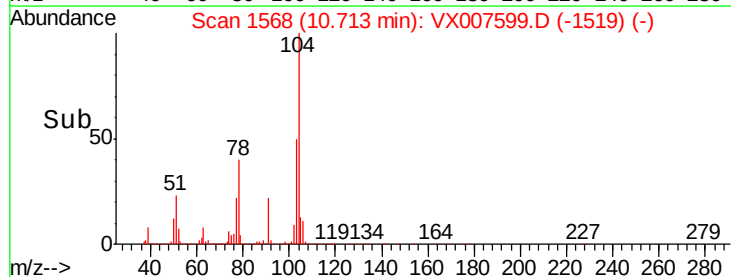
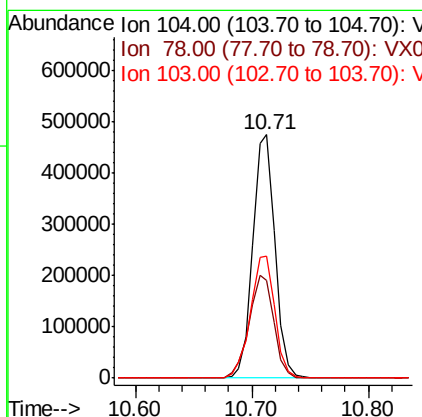
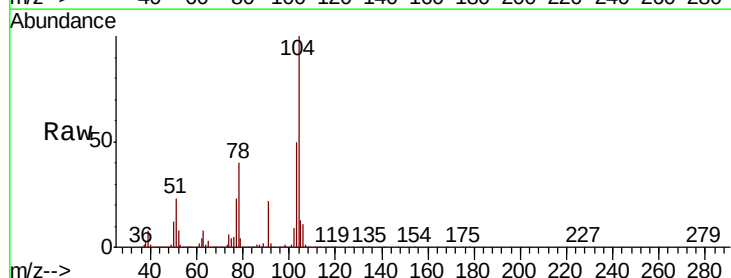
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

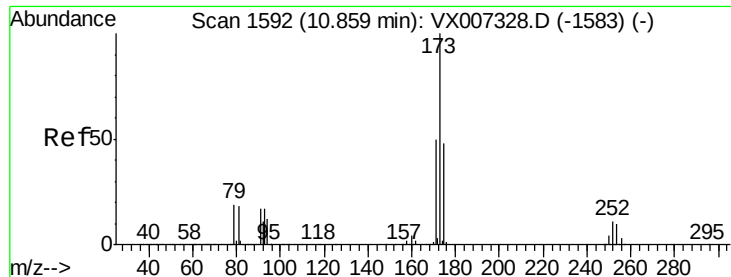
Tgt Ion:106 Resp: 381440
Ion Ratio Lower Upper
106 100
91 207.7 102.9 308.7



#70
Styrene
Concen: 49.677 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:104 Resp: 630286
Ion Ratio Lower Upper
104 100
78 47.2 38.3 57.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 49.434 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

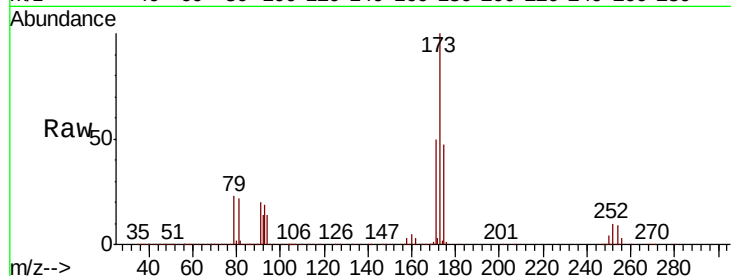
Tgt Ion:173 Resp: 184439

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

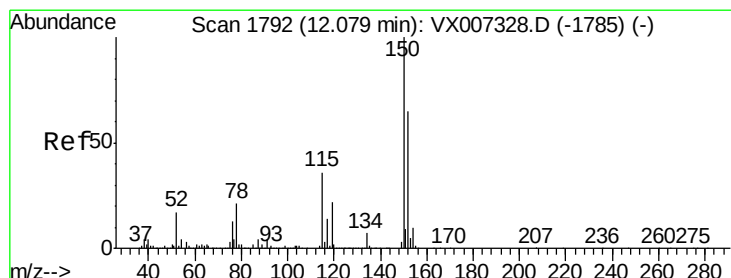
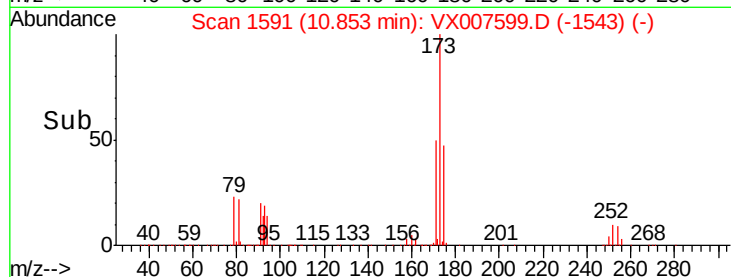
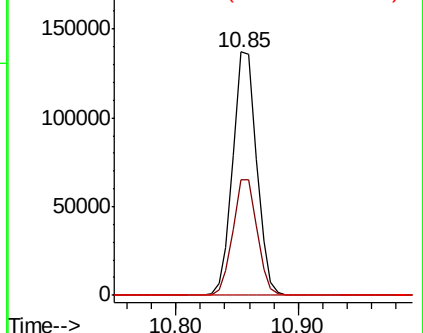
254 0.2 0.2 0.2



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: VX007599.D

Acq: 18 Feb 2019 19:58

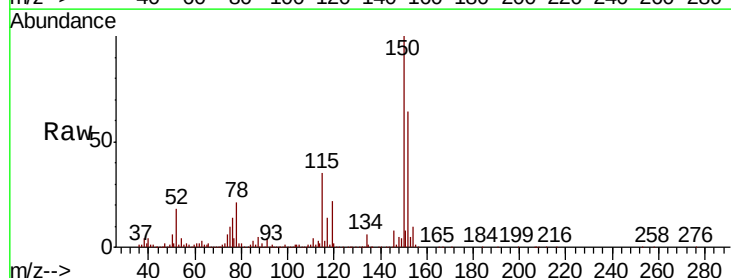
Tgt Ion:152 Resp: 298353

Ion Ratio Lower Upper

152 100

115 78.0 38.0 114.0

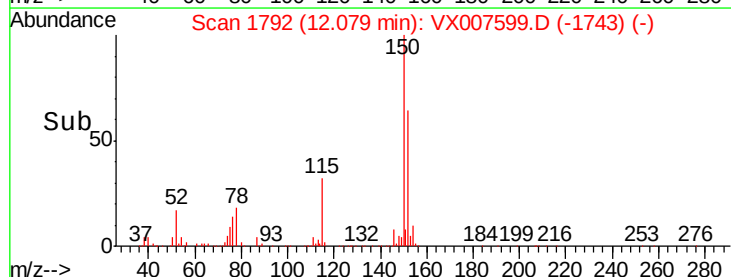
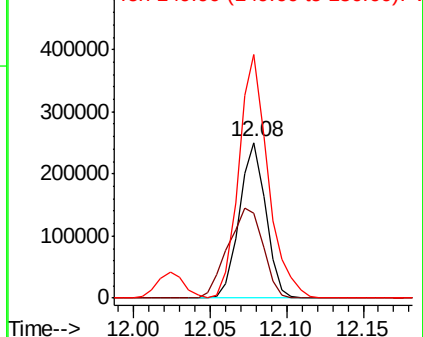
150 173.7 0.0 346.4

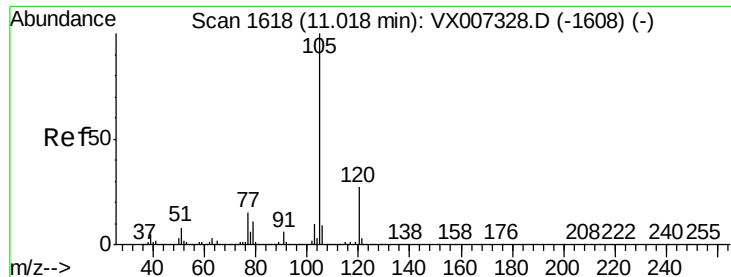


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

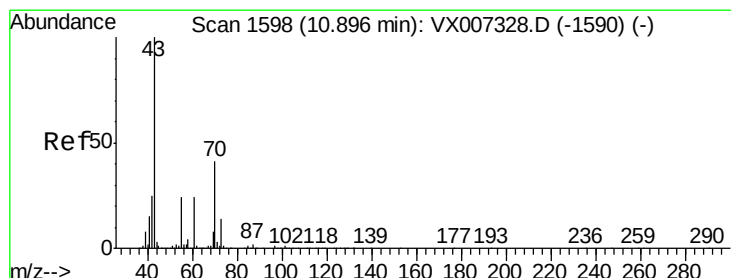
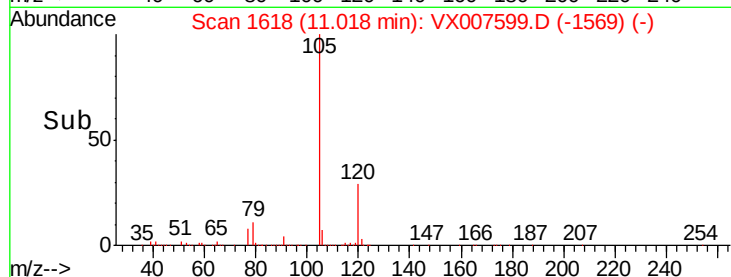
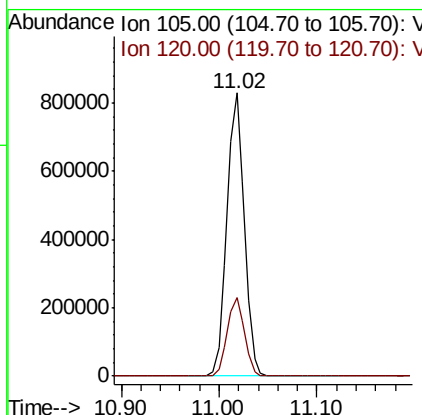
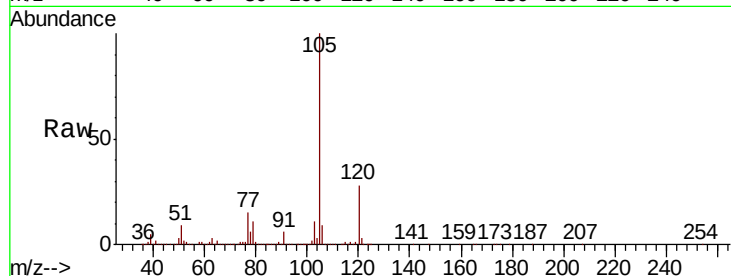




#73
Isopropylbenzene
Concen: 50.546 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

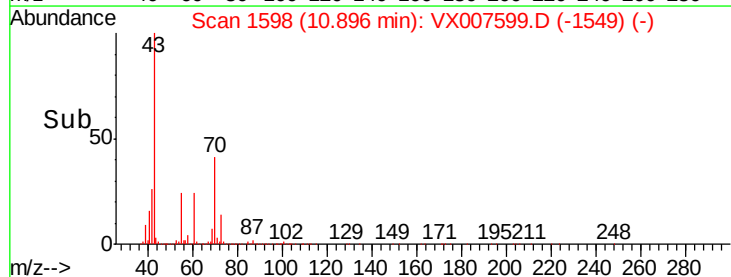
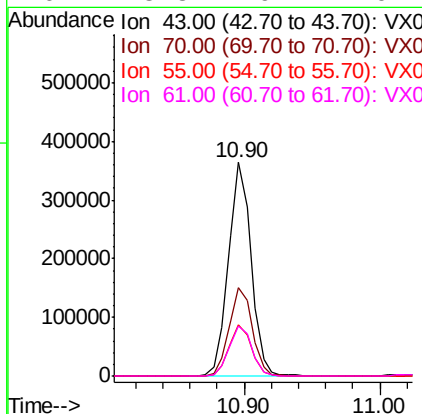
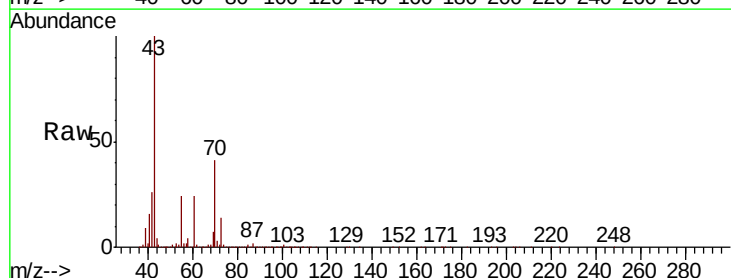
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

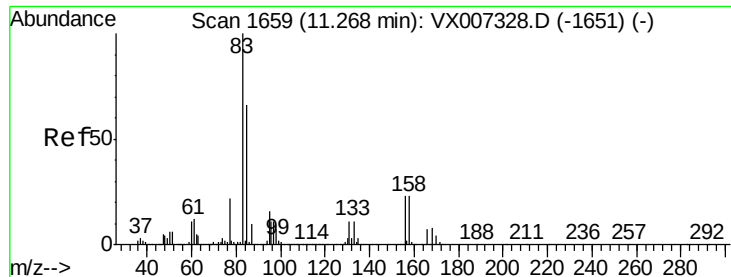
Tgt Ion: 105 Resp: 1024810
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.7



#74
N-ethyl acetate
Concen: 53.567 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 43 Resp: 420076
Ion Ratio Lower Upper
43 100
70 42.2 33.8 50.6
55 24.1 19.5 29.3
61 23.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.074 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

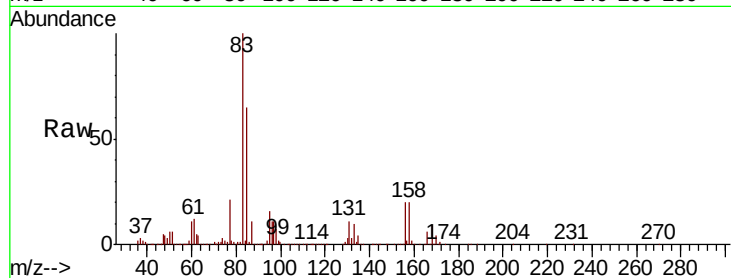
Tgt Ion: 83 Resp: 334118

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

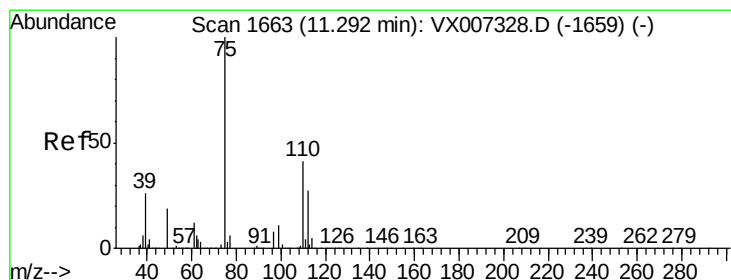
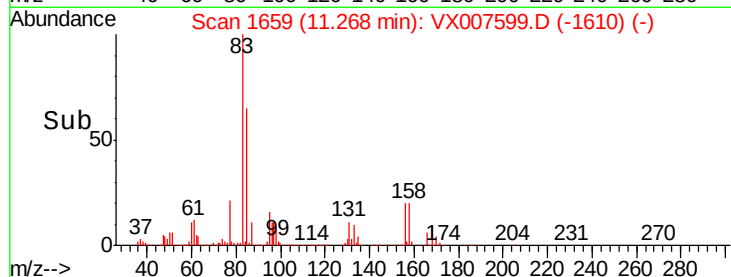
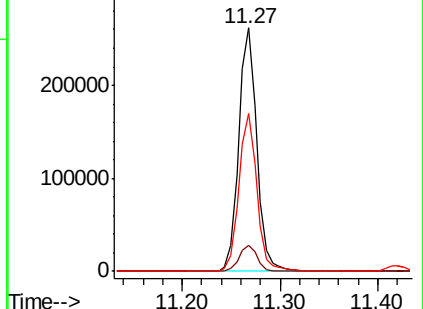
85 64.6 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX007599.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX007599.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX007599.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 65.469 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007599.D

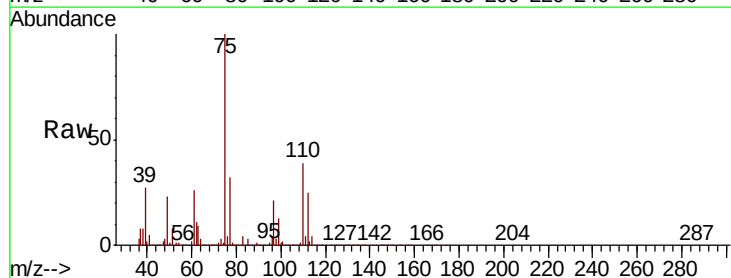
Acq: 18 Feb 2019 19:58

Tgt Ion: 75 Resp: 379941

Ion Ratio Lower Upper

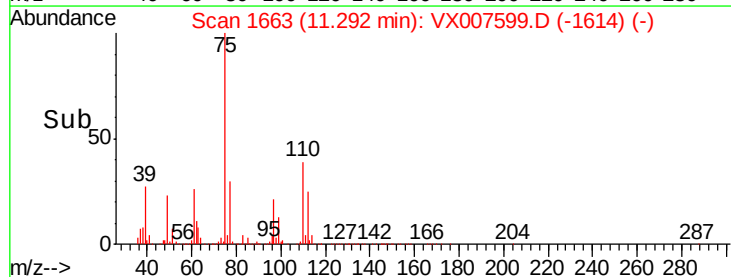
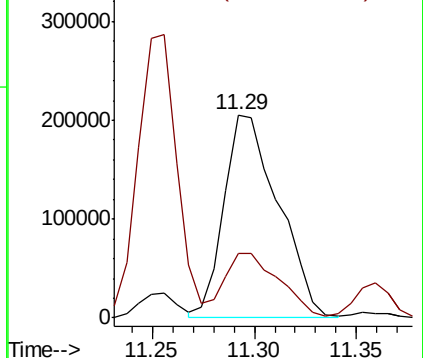
75 100

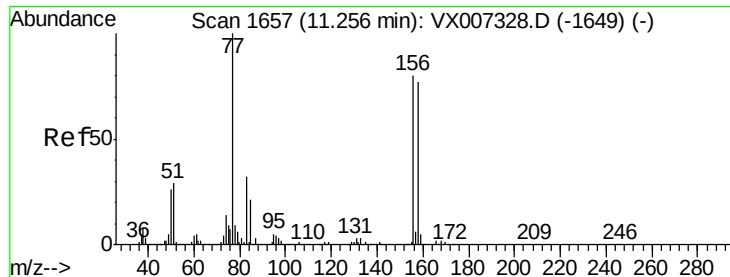
77 32.2 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX007599.D (-1614) (-)

Ion 77.00 (76.70 to 77.70): VX007599.D (-1614) (-)





#77

Bromobenzene

Concen: 48.478 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

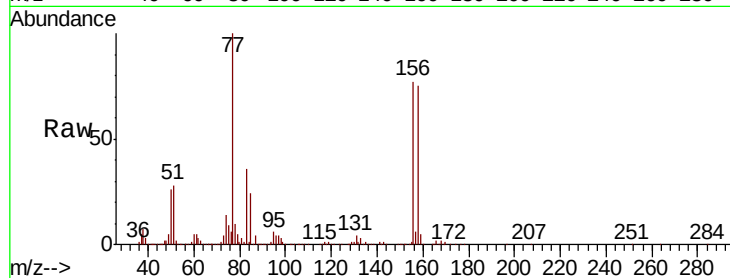
Tgt Ion:156 Resp: 276930

Ion Ratio Lower Upper

156 100

77 136.6 66.8 200.6

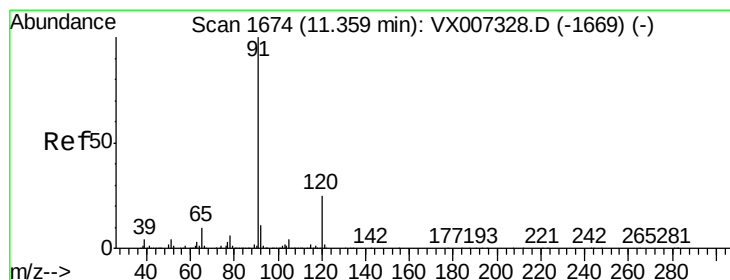
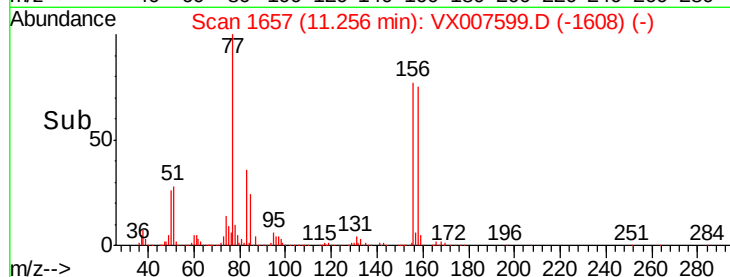
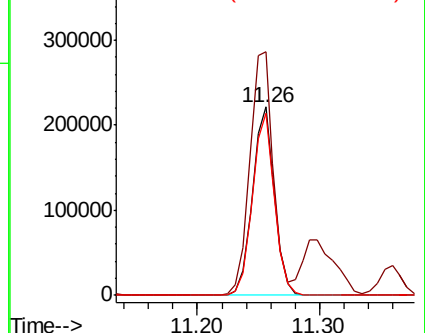
158 97.0 47.9 143.8



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: 50.974 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007599.D

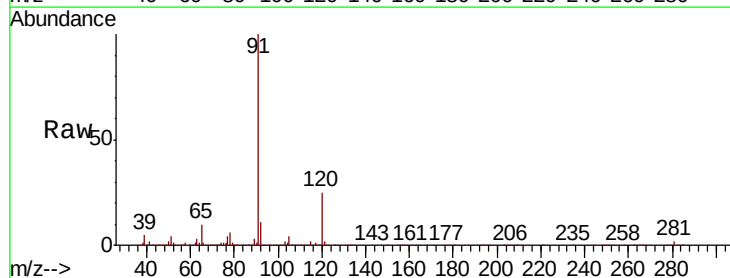
Acq: 18 Feb 2019 19:58

Tgt Ion: 91 Resp: 1133271

Ion Ratio Lower Upper

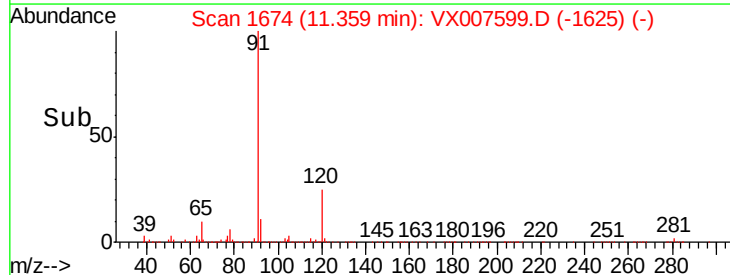
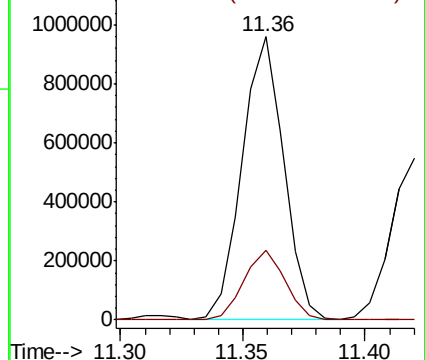
91 100

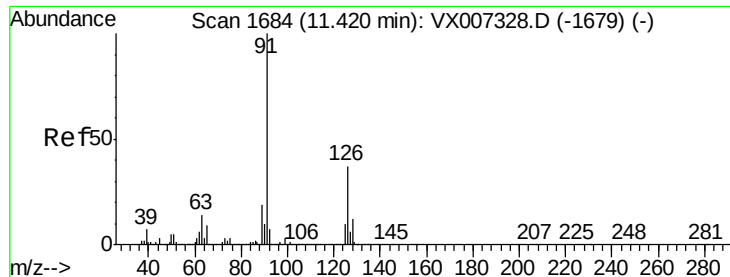
120 24.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.369 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

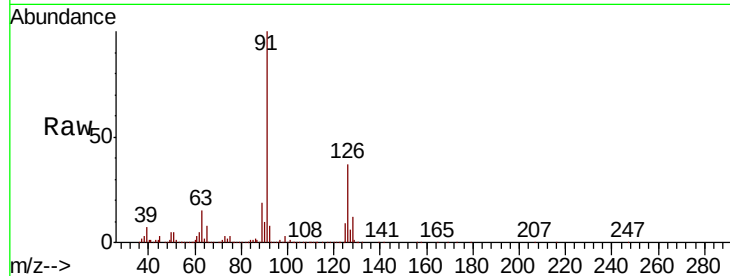
VSTDCCC050EC

Tgt Ion: 91 Resp: 665994

Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)

1000000

800000

600000

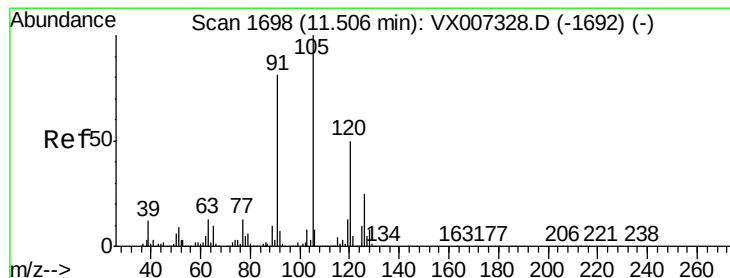
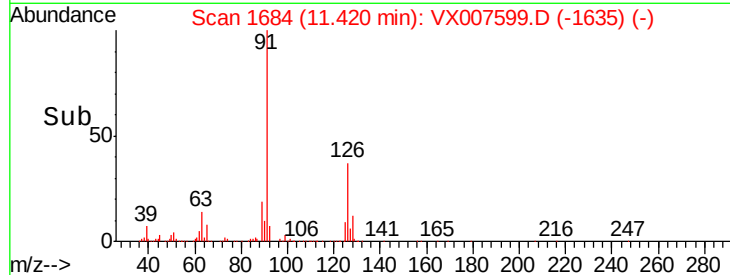
400000

200000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.872 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007599.D

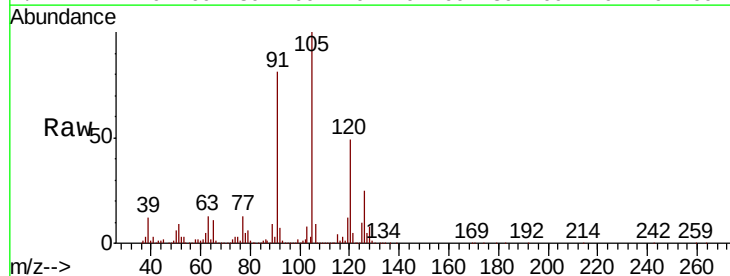
Acq: 18 Feb 2019 19:58

Tgt Ion: 105 Resp: 843817

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

800000

600000

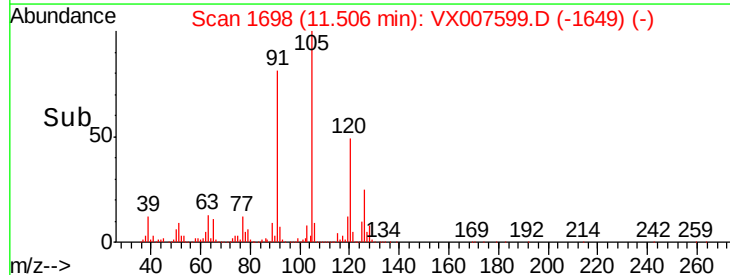
400000

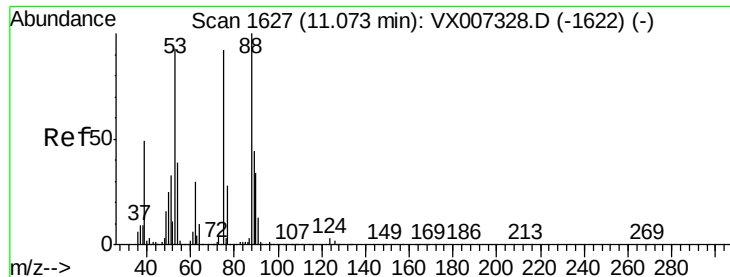
200000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.089 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

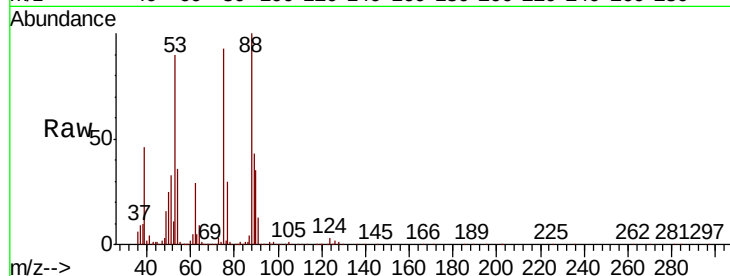
Tgt Ion: 75 Resp: 94059

Ion Ratio Lower Upper

75 100

53 101.0 81.0 121.6

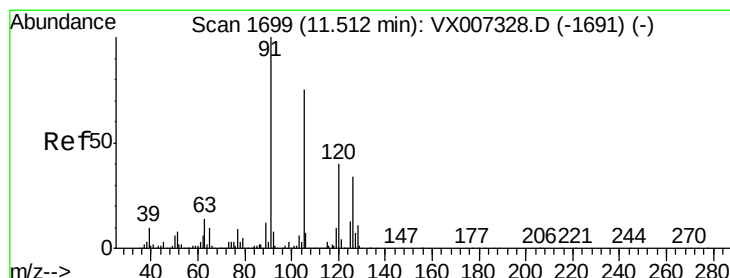
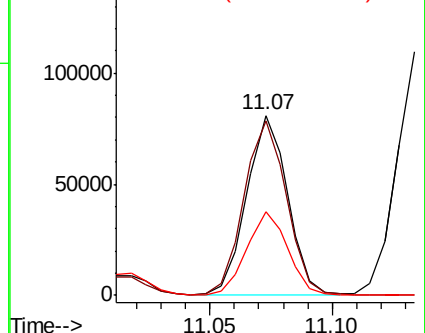
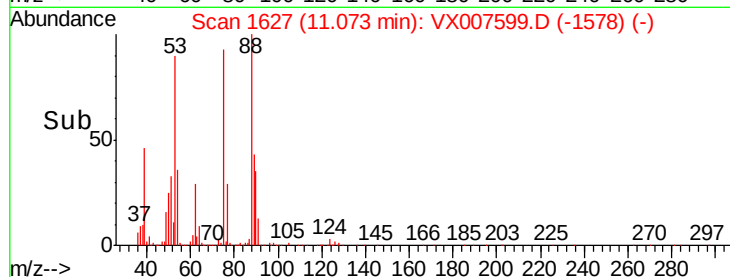
89 46.4 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.954 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007599.D

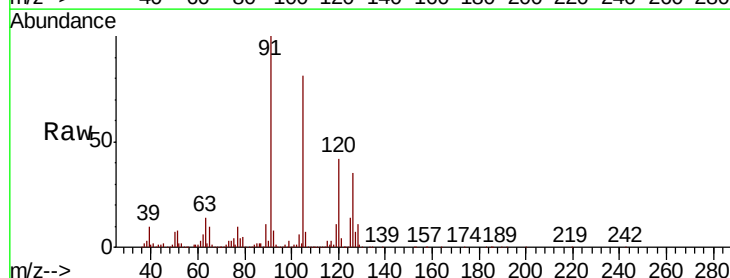
Acq: 18 Feb 2019 19:58

Tgt Ion: 91 Resp: 779760

Ion Ratio Lower Upper

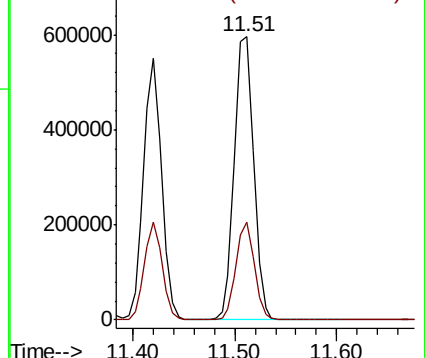
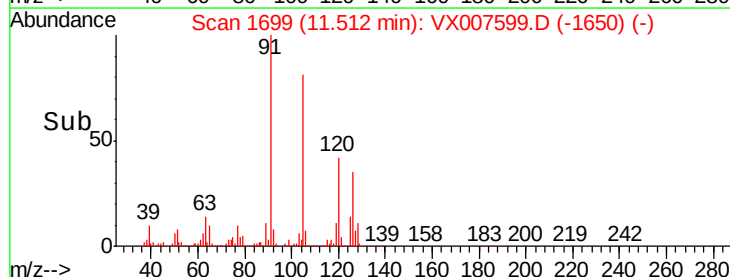
91 100

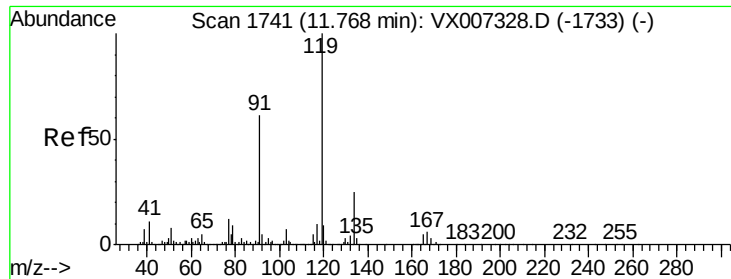
126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

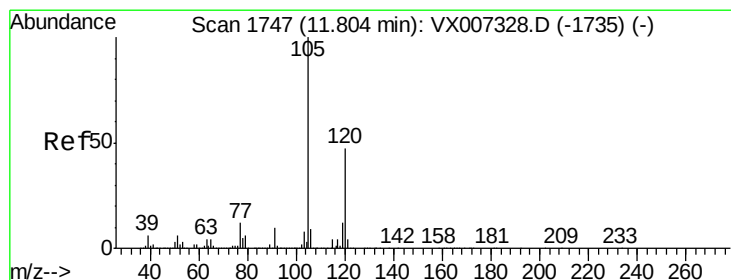
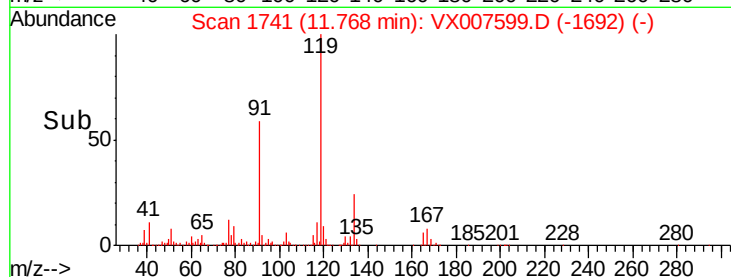
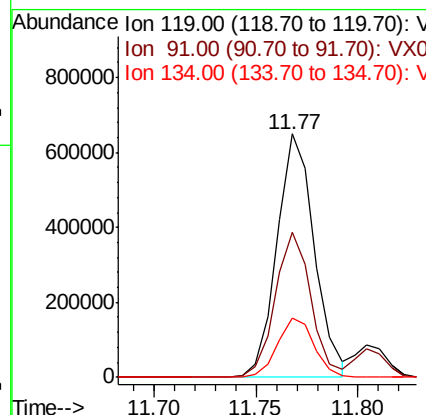
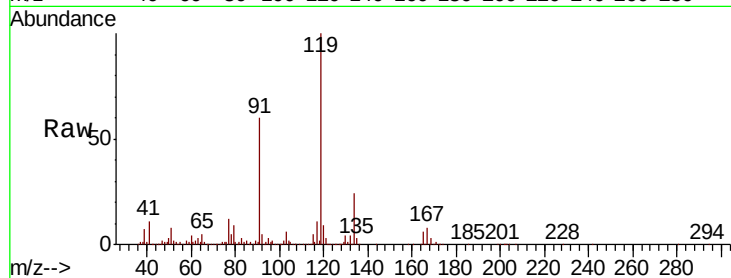




#83
 tert-Butylbenzene
 Concen: 50.691 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

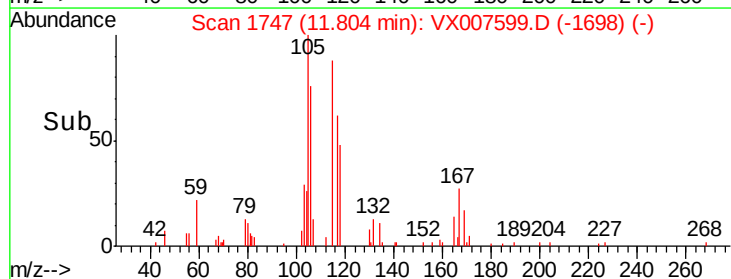
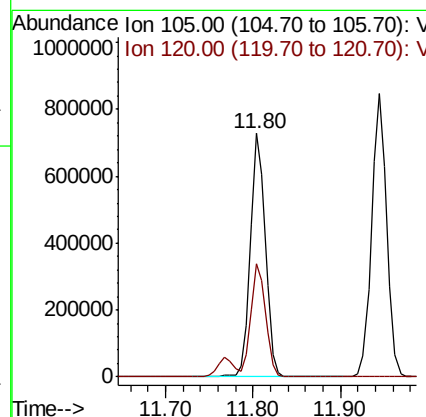
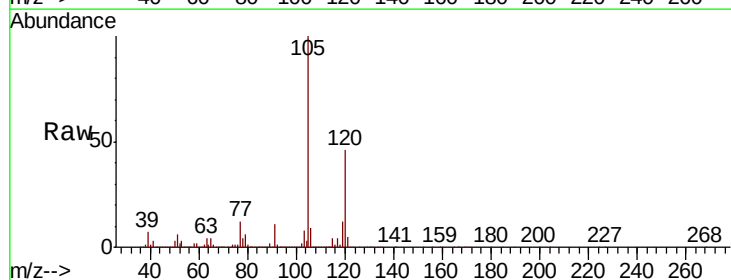
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

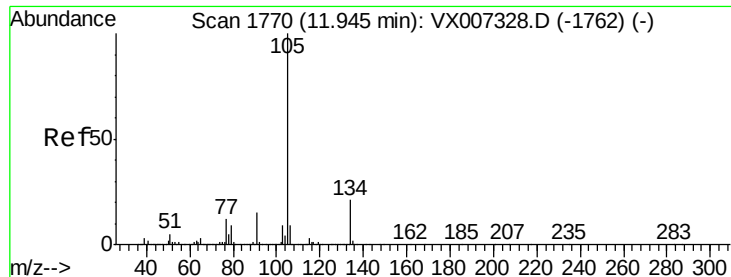
Tgt Ion:119 Resp: 832456
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.5 85.6
 134 23.9 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.031 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion:105 Resp: 859359
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.535 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

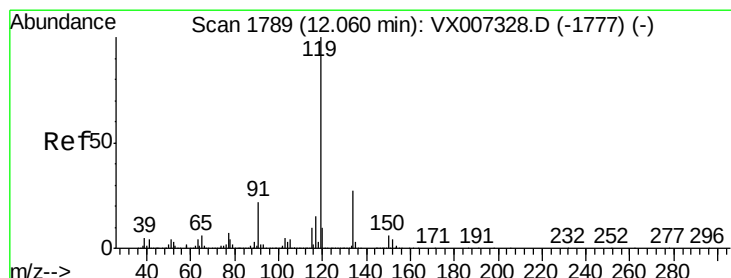
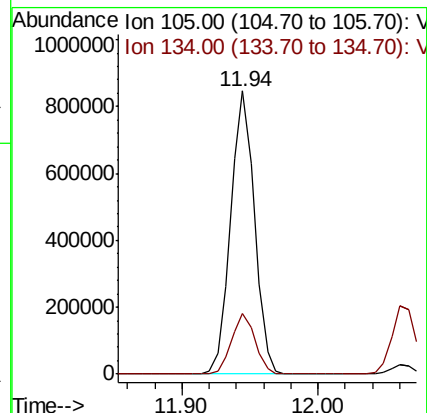
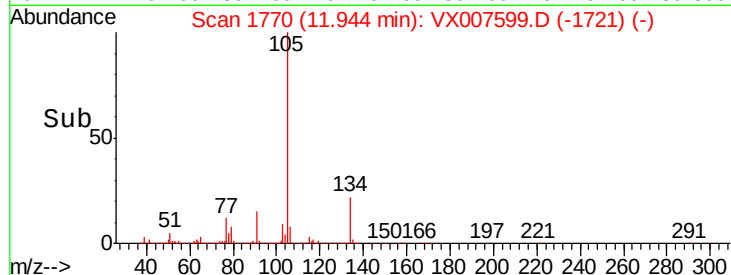
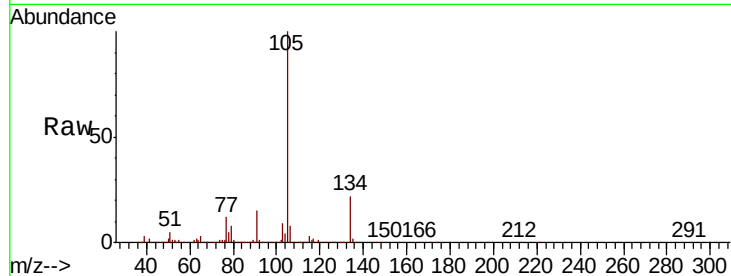
VSTDCCC050EC

Tgt Ion:105 Resp: 1024312

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 50.946 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007599.D

Acq: 18 Feb 2019 19:58

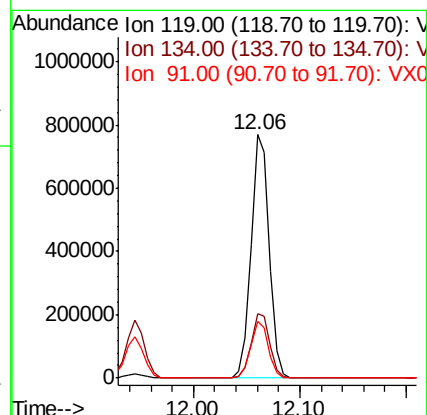
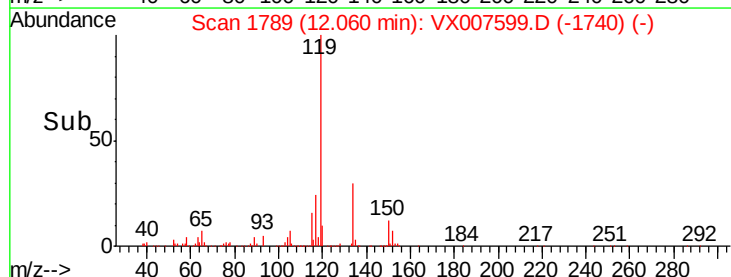
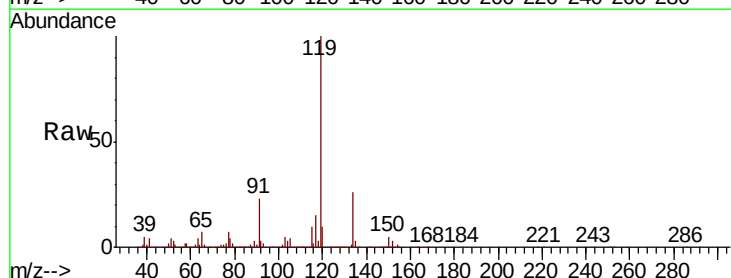
Tgt Ion:119 Resp: 914087

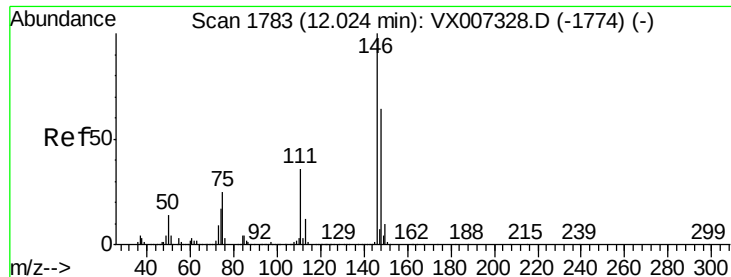
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.6 11.2 33.5

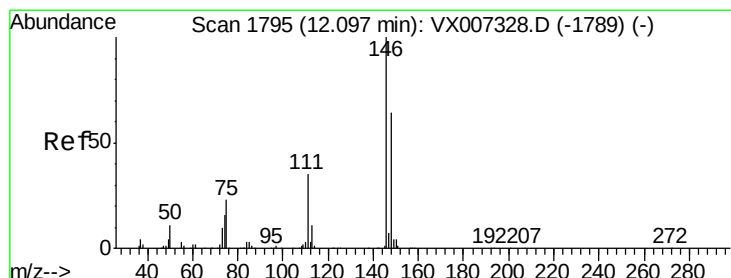
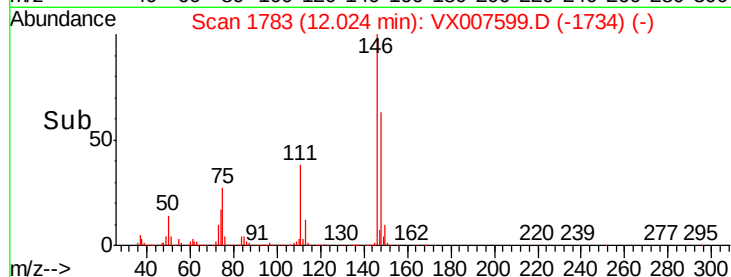
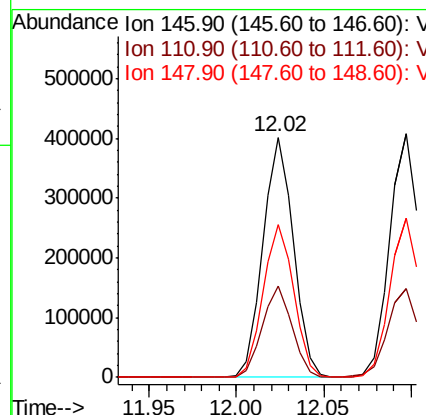
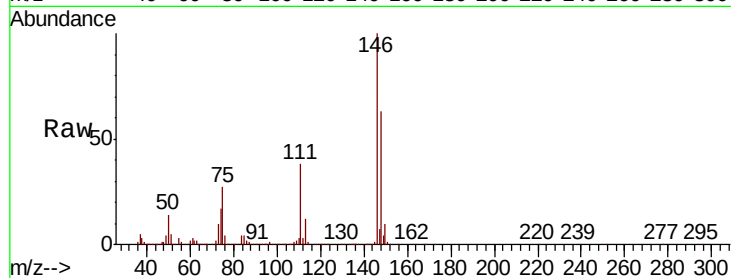




#87
 1,3-Dichlorobenzene
 Concen: 47.570 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

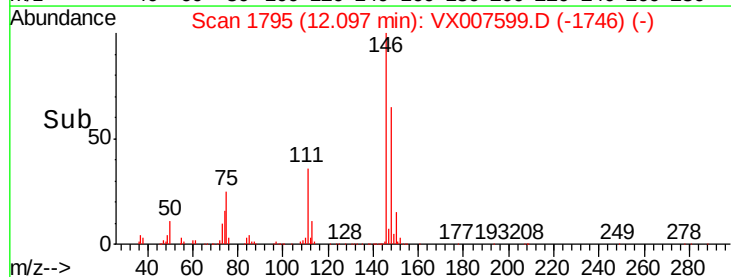
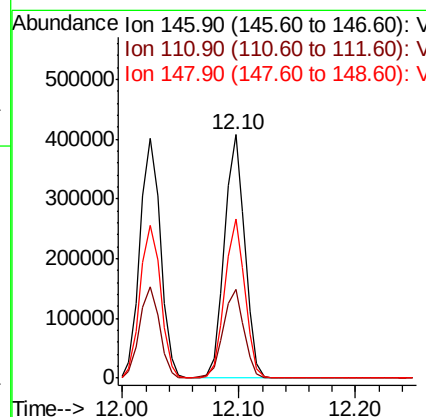
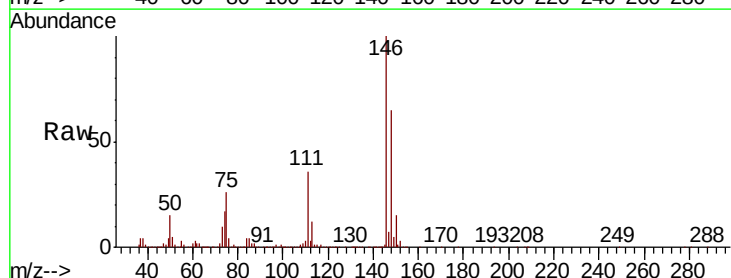
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

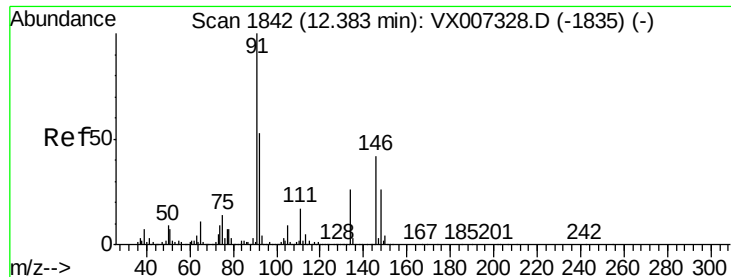
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.867 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.8	32.3	96.9

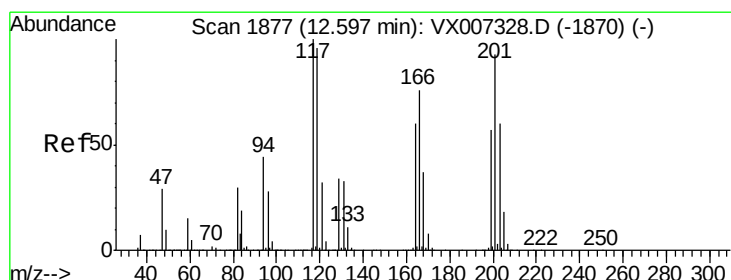
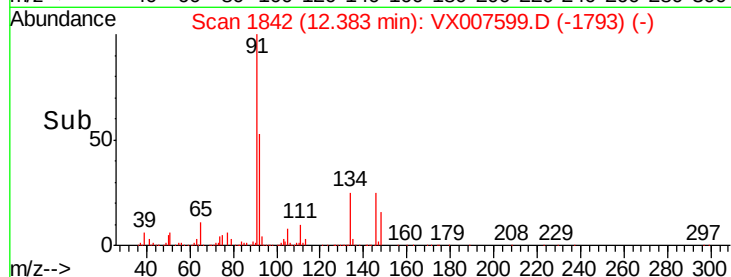
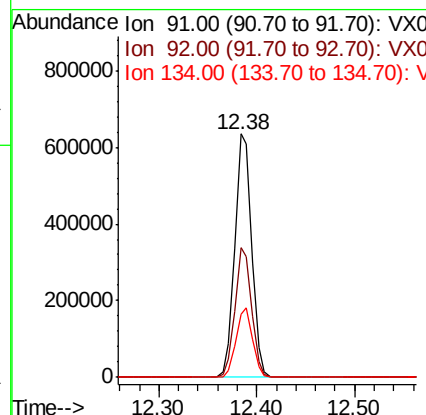
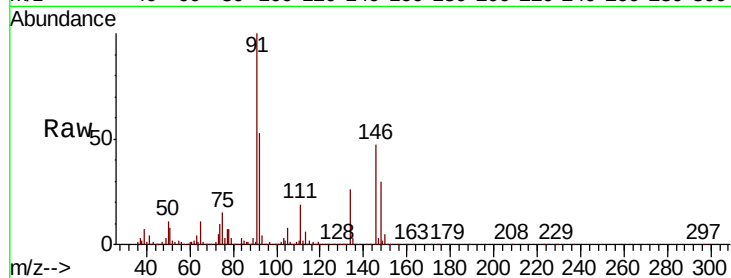




#89
n-Butylbenzene
Concen: 49.280 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

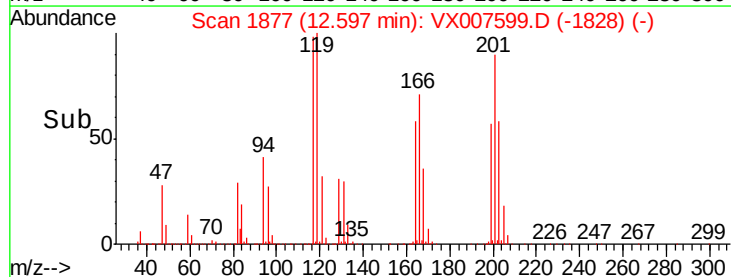
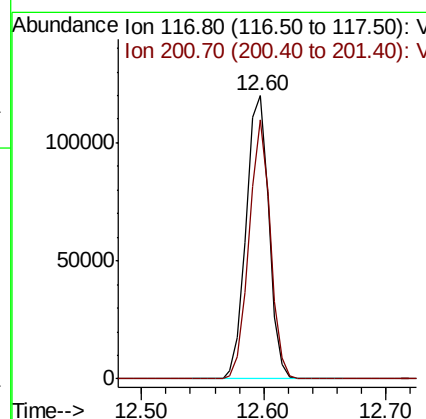
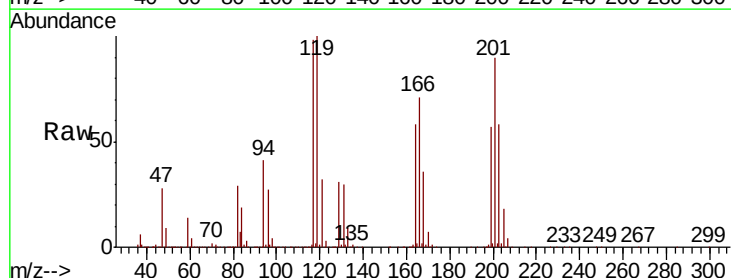
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

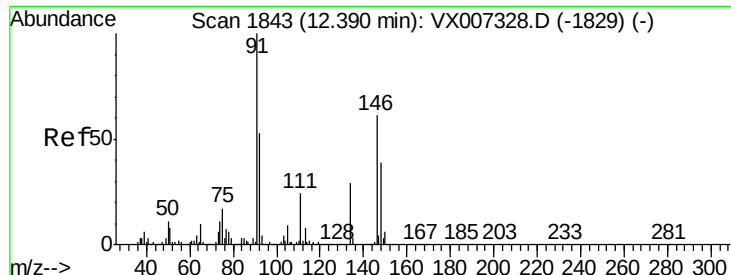
Tgt Ion: 91 Resp: 760621
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 27.9 13.9 41.6



#90
Hexachloroethane
Concen: 57.295 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion: 117 Resp: 153854
Ion Ratio Lower Upper
117 100
201 85.8 44.9 134.7

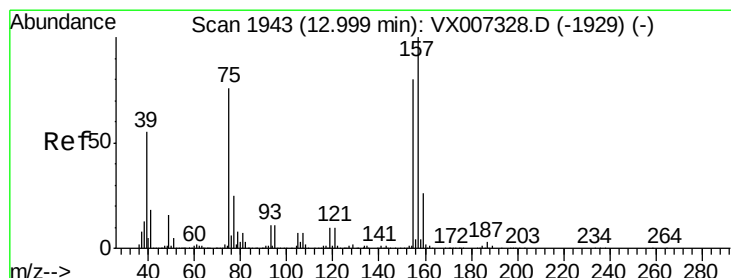
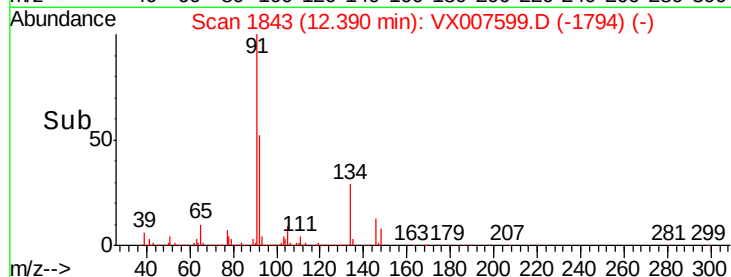
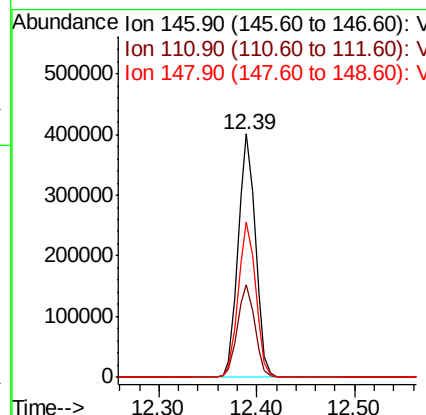
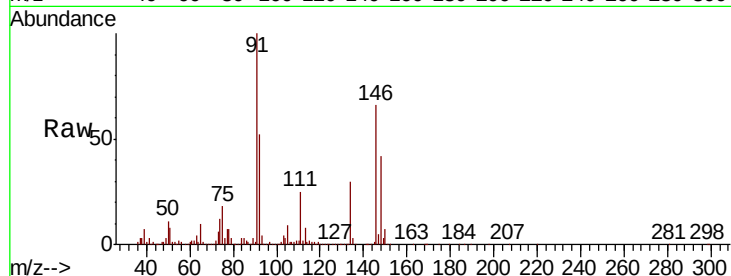




#91
 1,2-Dichlorobenzene
 Concen: 48.426 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

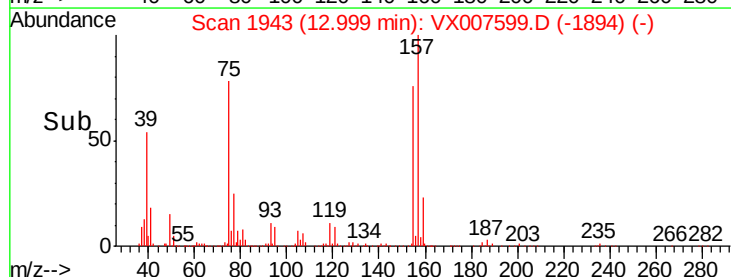
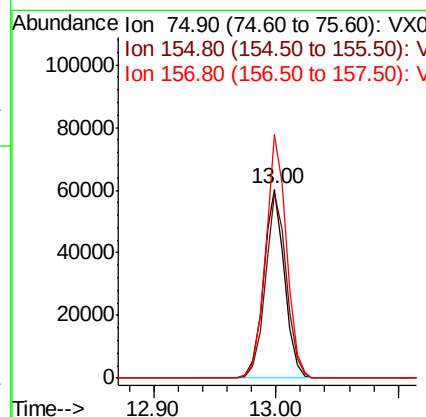
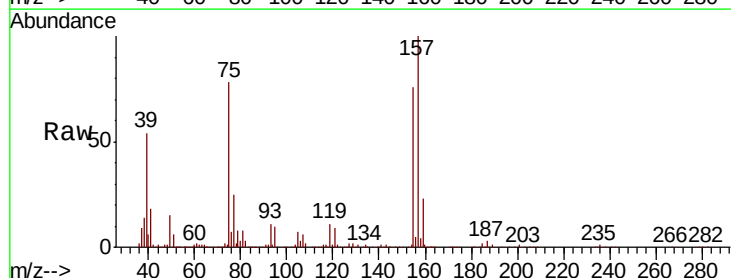
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

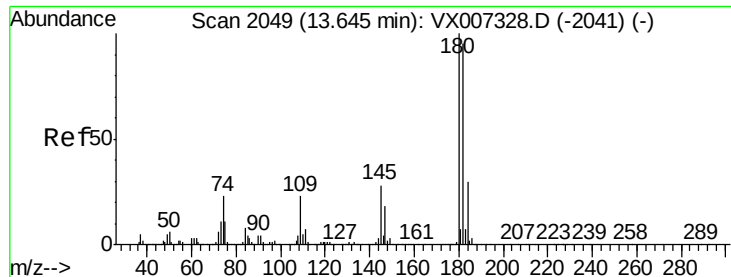
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.241 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	49.6	149.0
157	128.8	65.1	195.3

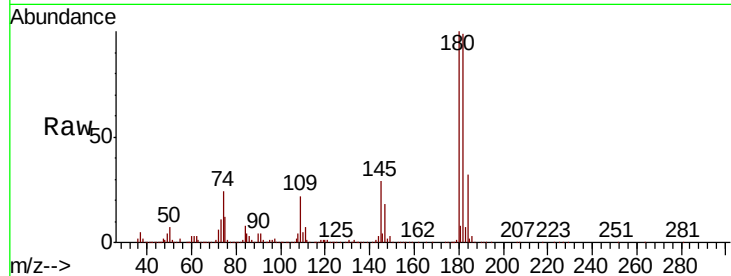




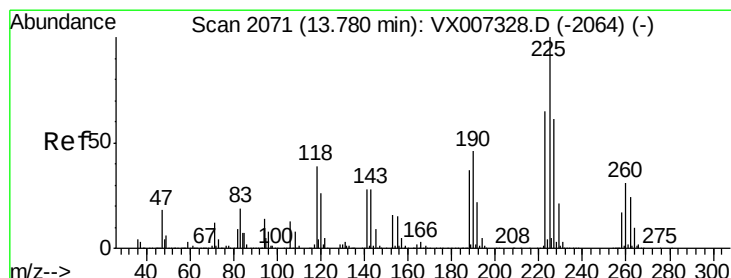
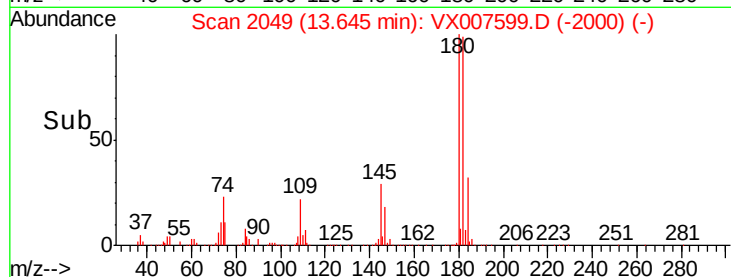
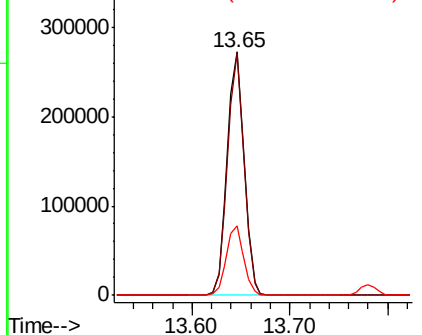
#93
 1,2,4-Trichlorobenzene
 Concen: 48.260 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 332059
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.8 143.3
 145 29.0 14.1 42.2

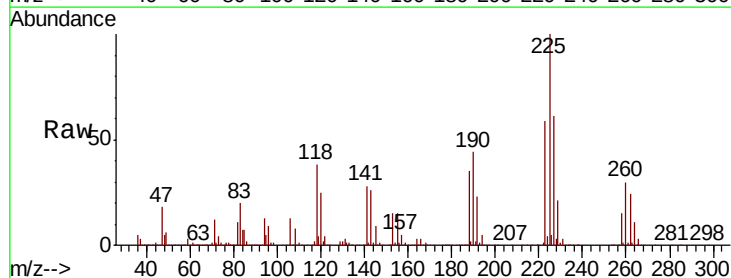


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

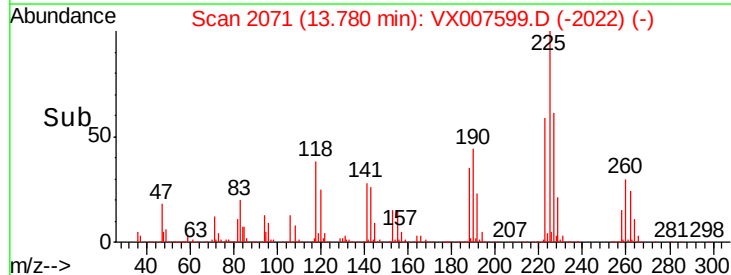
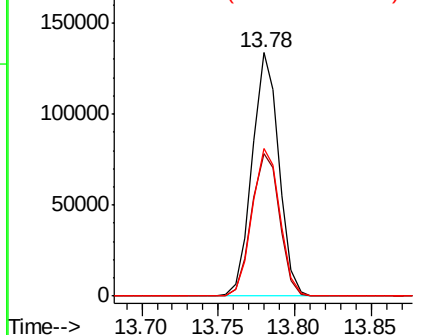


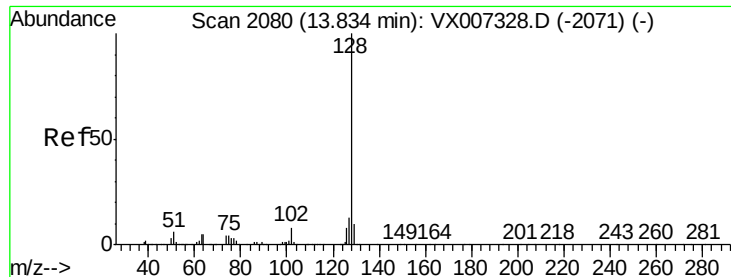
#94
 Hexachlorobutadiene
 Concen: 48.637 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007599.D
 Acq: 18 Feb 2019 19:58

Tgt Ion:225 Resp: 162498
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.6 94.8
 227 62.8 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

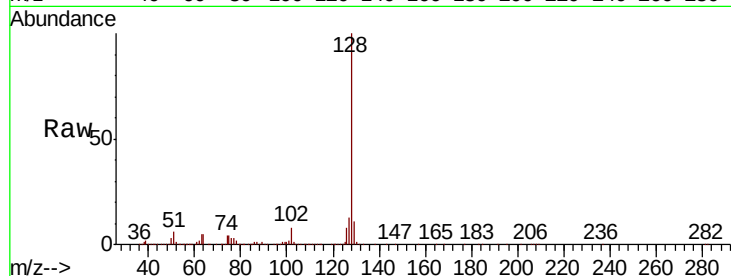




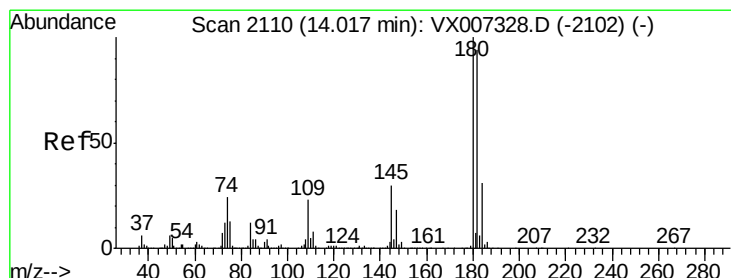
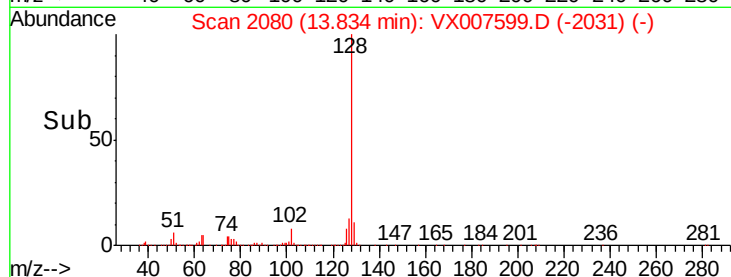
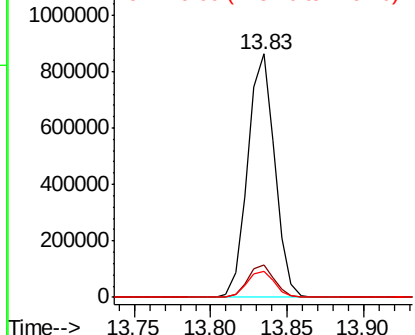
#95
Naphthalene
Concen: 52.415 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1054637
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

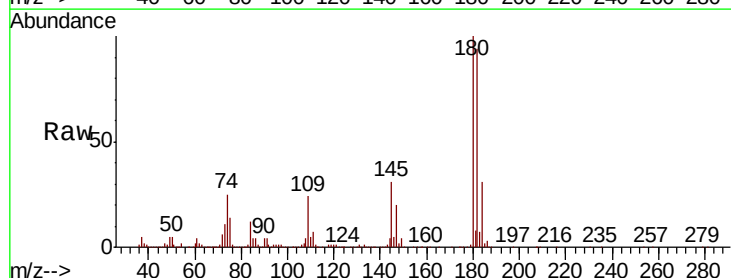


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.844 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007599.D
Acq: 18 Feb 2019 19:58

Tgt Ion:180 Resp: 338292
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 30.6 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

