

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011866.D
 Acq On : 27 Aug 2019 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 28 02:26:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	337051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	486703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	196692	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	
35) Dibromofluoromethane	5.49	113	162787	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	8.71	98	587881	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	11.13	95	228315	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	160088	50.892	ug/l	99
3) Chloromethane	1.32	50	148661	53.889	ug/l	99
4) Vinyl Chloride	1.40	62	143770	52.134	ug/l	99
5) Bromomethane	1.63	94	70256	46.245	ug/l	98
6) Chloroethane	1.71	64	79835	49.514	ug/l	97
7) Trichlorofluoromethane	1.92	101	221673	50.489	ug/l	99
8) Diethyl Ether	2.18	74	75214	50.380	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131787	48.507	ug/l	97
10) Methyl Iodide	2.50	142	175354	52.842	ug/l	98
11) Tert butyl alcohol	3.04	59	232565	347.597	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133003	50.205	ug/l	95
13) Acrolein	2.29	56	61046	236.035	ug/l	98
14) Allyl chloride	2.72	41	269153	65.003	ug/l	97
15) Acrylonitrile	3.14	53	440289	287.707	ug/l	99
16) Acetone	2.43	43	388340	263.661	ug/l	100
17) Carbon Disulfide	2.56	76	364694	54.447	ug/l	100
18) Methyl Acetate	2.76	43	259888	65.027	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	490376	57.706	ug/l	97
20) Methylene Chloride	2.85	84	146562	48.672	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	140623	49.213	ug/l	91
22) Diisopropyl ether	3.85	45	499721	62.238	ug/l	97
23) Vinyl Acetate	3.81	43	2120490	318.973	ug/l	97
24) 1,1-Dichloroethane	3.69	63	264316	55.755	ug/l	100
25) 2-Butanone	4.67	43	639639	302.557	ug/l	96
26) 2,2-Dichloropropane	4.57	77	208947	51.901	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	164866	50.312	ug/l	94
28) Bromochloromethane	5.01	49	140600	65.336	ug/l	86
29) Tetrahydrofuran	5.12	42	415521	306.613	ug/l	94
30) Chloroform	5.20	83	268569	52.218	ug/l	99
31) Cyclohexane	5.57	56	241060	57.900	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	252367	56.447	ug/l	98
36) 1,1-Dichloropropene	5.79	75	197333	51.704	ug/l	98
37) Ethyl Acetate	4.82	43	247070	61.173	ug/l	97
38) Carbon Tetrachloride	5.78	117	229345	53.023	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237602	50.238	ug/l	93
40) Benzene	6.13	78	584795	49.532	ug/l	100
41) Methacrylonitrile	5.03	41	137478	58.527	ug/l	95
42) 1,2-Dichloroethane	6.18	62	218231	50.564	ug/l	100
43) Isopropyl Acetate	6.43	43	409064	62.576	ug/l	97
44) Trichloroethene	7.21	130	169046	46.448	ug/l	96
45) 1,2-Dichloropropane	7.51	63	153704	51.794	ug/l	99
46) Dibromomethane	7.65	93	105882	48.394	ug/l	96
47) Bromodichloromethane	7.89	83	222424	56.474	ug/l	99
48) Methyl methacrylate	7.76	41	199031	61.178	ug/l	92
49) 1,4-Dioxane	7.73	88	85344	946.804	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	1239259	287.700	ug/l	98
52) Toluene	8.78	92	373516	48.888	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	246839	59.701	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	259442	57.519	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	153655	48.272	ug/l	99
56) Ethyl methacrylate	9.17	69	263258	58.154	ug/l	90
57) 1,3-Dichloropropane	9.37	76	258450	50.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	677870	284.659	ug/l	98
59) 2-Hexanone	9.49	43	958605	289.950	ug/l	97
60) Dibromochloromethane	9.58	129	190748	55.424	ug/l	100
61) 1,2-Dibromoethane	9.67	107	168003	49.189	ug/l	99
64) Tetrachloroethene	9.34	164	161984	46.142	ug/l	98
65) Chlorobenzene	10.13	112	408330	47.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	171317	53.223	ug/l	100
67) Ethyl Benzene	10.25	91	723280	50.379	ug/l	100
68) m/p-Xylenes	10.35	106	551309	99.591	ug/l	99
69) o-Xylene	10.69	106	270525	49.774	ug/l	100
70) Styrene	10.71	104	467405	51.408	ug/l	98
71) Bromoform	10.85	173	165259	59.515	ug/l #	99
73) Isopropylbenzene	11.01	105	724005	50.662	ug/l	99
74) N-amyl acetate	10.89	43	360805	65.212	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	241502	51.054	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	294420	70.755	ug/l	83
77) Bromobenzene	11.25	156	202418	48.045	ug/l	94
78) n-propylbenzene	11.35	91	802518	52.517	ug/l	98
79) 2-Chlorotoluene	11.41	91	483153	50.821	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	613868	51.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88801	64.359	ug/l	98
82) 4-Chlorotoluene	11.51	91	565873	51.638	ug/l	97
83) tert-Butylbenzene	11.77	119	629424	53.503	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	625178	51.920	ug/l	98
85) sec-Butylbenzene	11.94	105	710057	52.765	ug/l	100
86) p-Isopropyltoluene	12.06	119	668804	51.654	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	353030	48.659	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	350563	47.759	ug/l	98
89) n-Butylbenzene	12.38	91	562837	52.511	ug/l	98
90) Hexachloroethane	12.59	117	134444	66.837	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	346647	47.371	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	65415	59.493	ug/l	92

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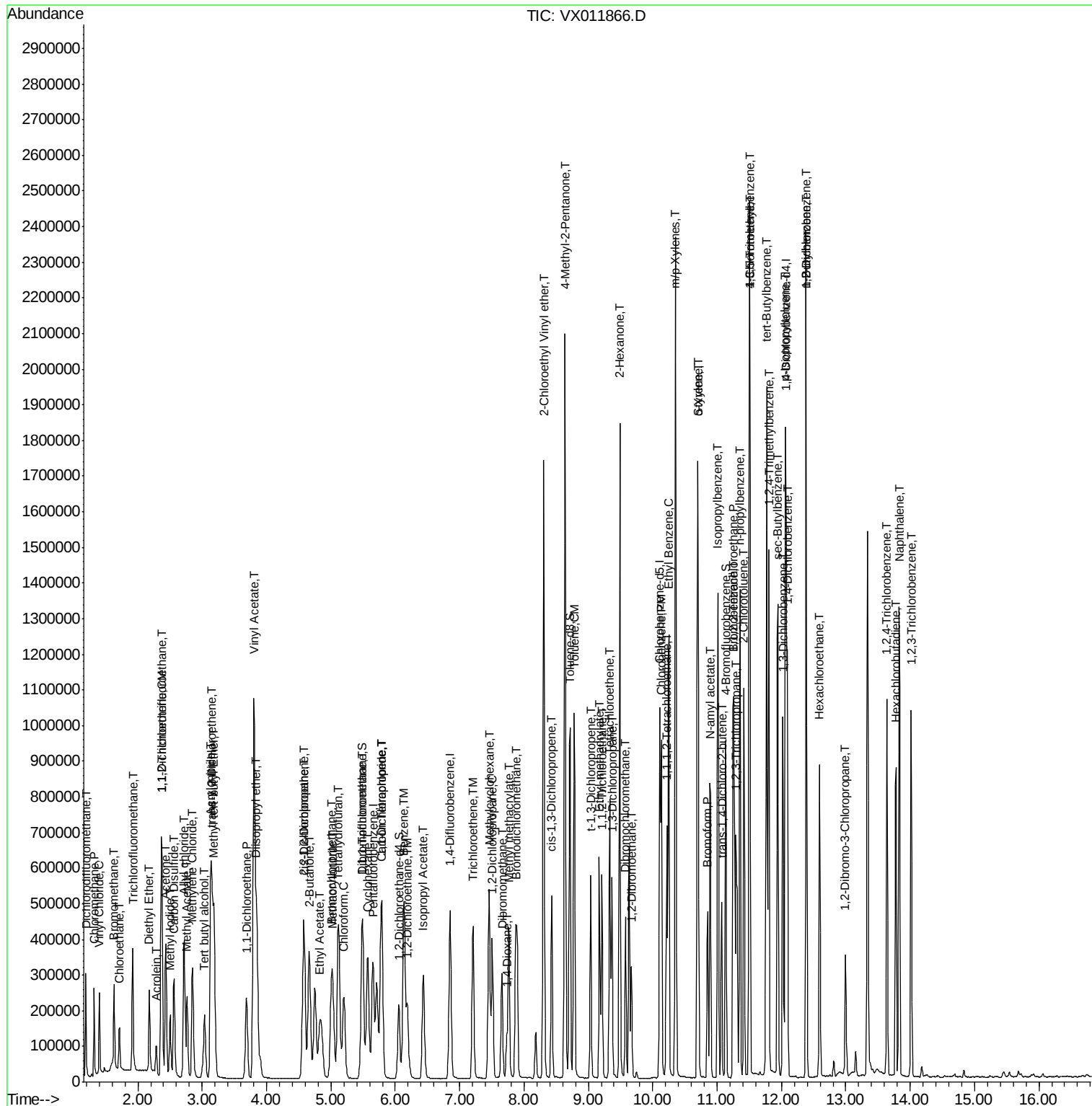
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

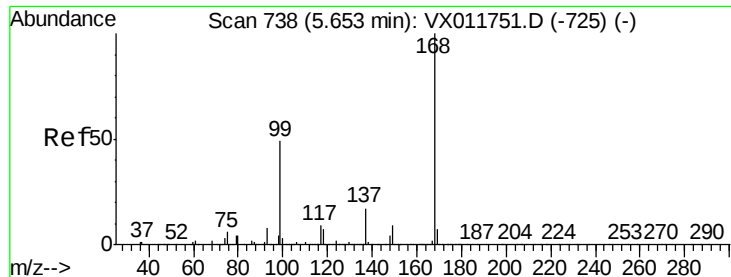
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	268691	49.918	ug/l	98
94) Hexachlorobutadiene	13.78	225	141791	48.073	ug/l	98
95) Naphthalene	13.83	128	809188	54.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273619	50.626	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

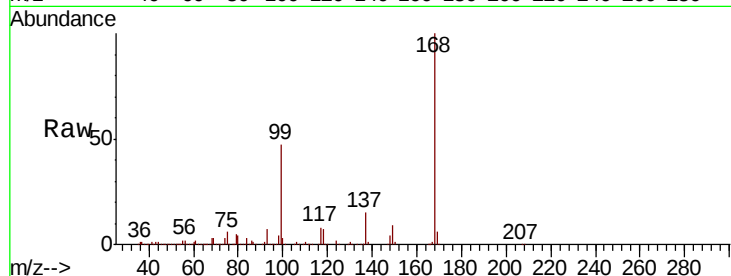
VSTDCCC050EC

Tgt Ion:168 Resp: 337051

Ion Ratio Lower Upper

168 100

99 47.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

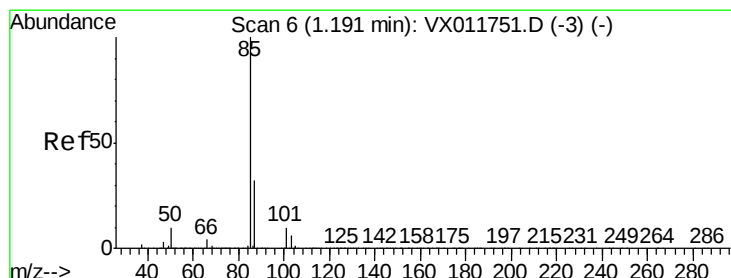
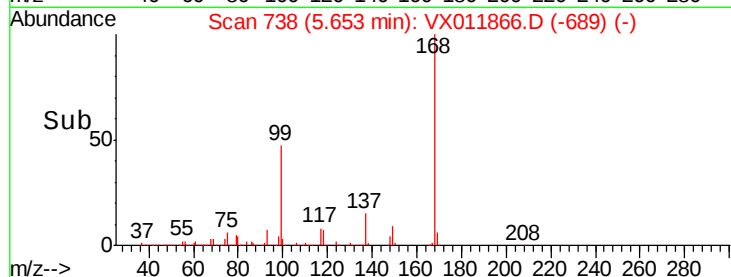
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.892 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011866.D

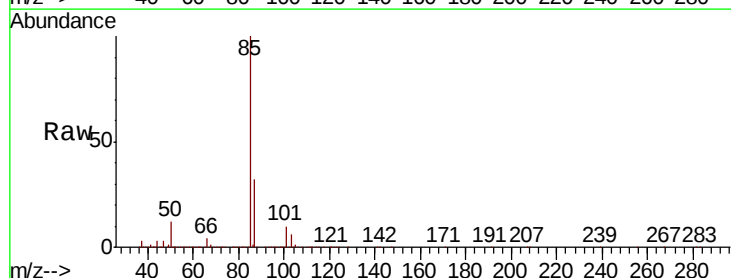
Acq: 27 Aug 2019 21:32

Tgt Ion: 85 Resp: 160088

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

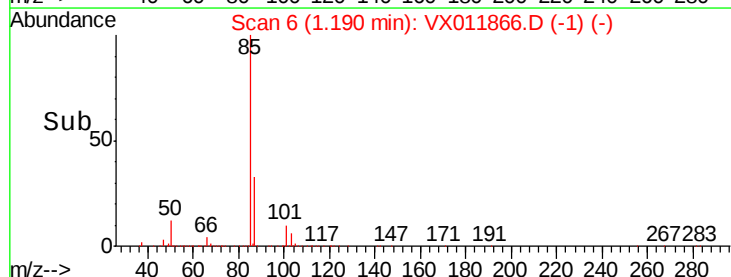
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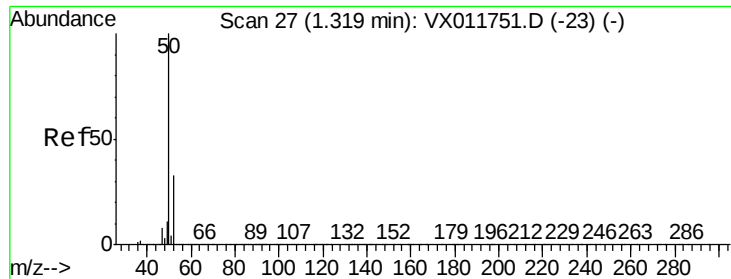
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.889 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

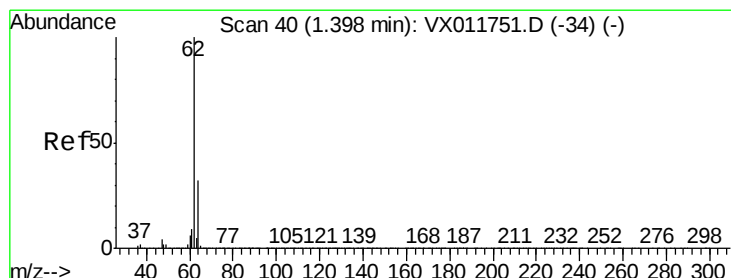
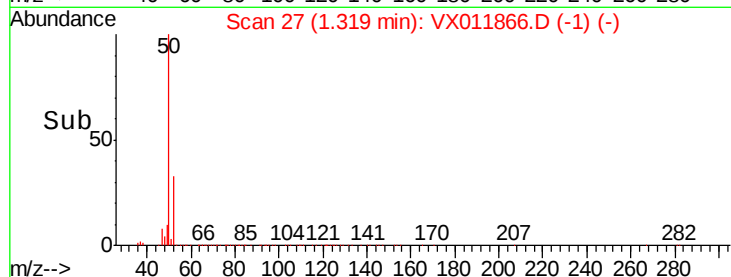
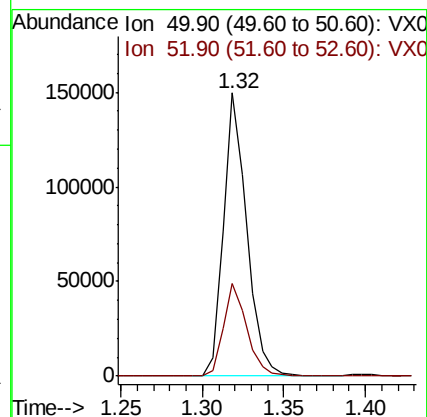
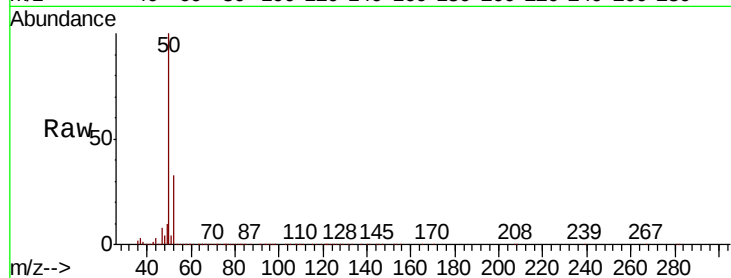
VSTDCCC050EC

Tgt Ion: 50 Resp: 148661

Ion Ratio Lower Upper

50 100

52 32.7 26.6 39.8



#4

Vinyl Chloride

Concen: 52.134 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011866.D

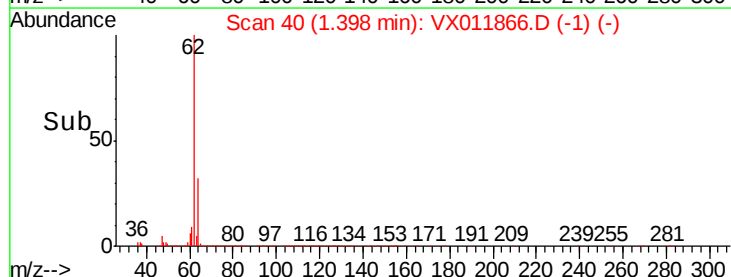
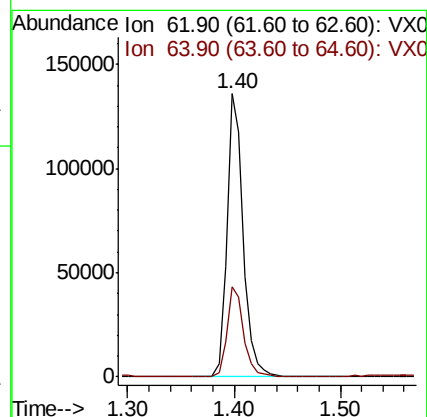
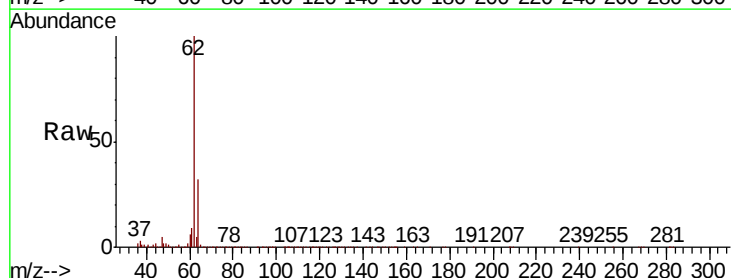
Acq: 27 Aug 2019 21:32

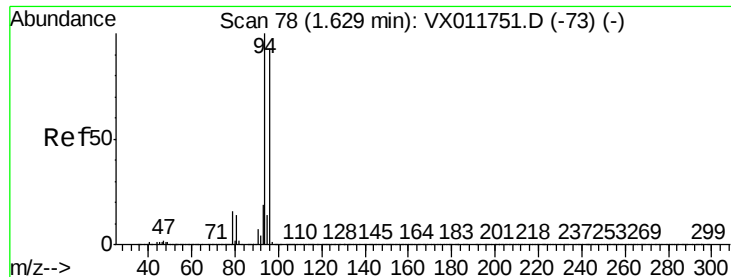
Tgt Ion: 62 Resp: 143770

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 46.245 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

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Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

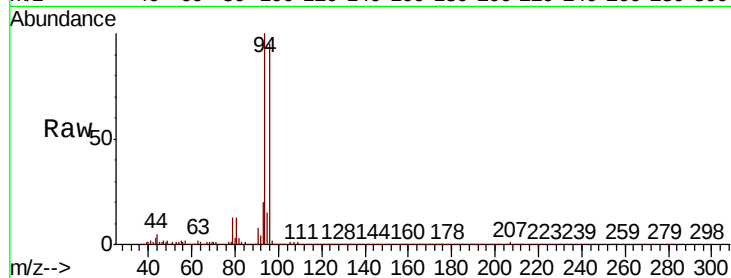
VSTDCCC050EC

Tgt Ion: 94 Resp: 70256

Ion Ratio Lower Upper

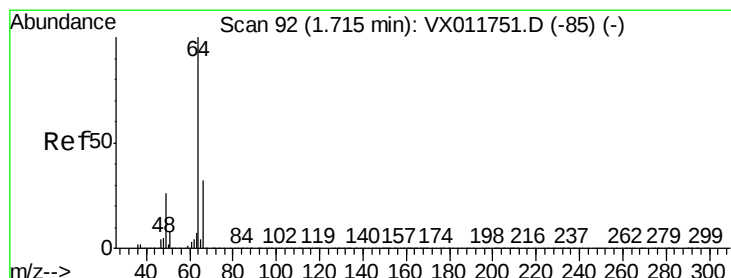
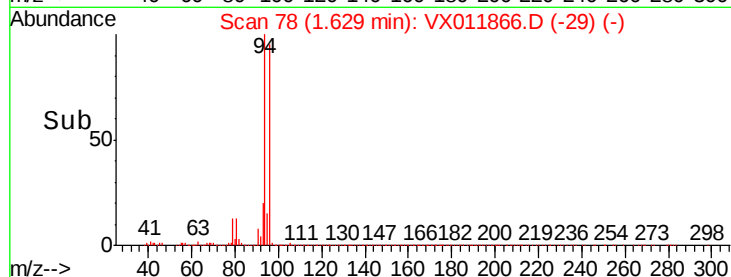
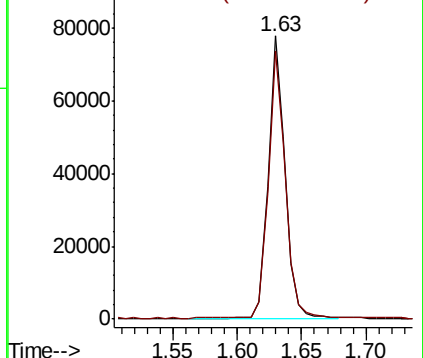
94 100

96 94.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.514 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011866.D

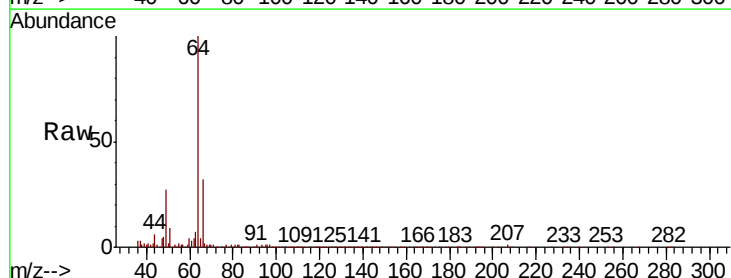
Acq: 27 Aug 2019 21:32

Tgt Ion: 64 Resp: 79835

Ion Ratio Lower Upper

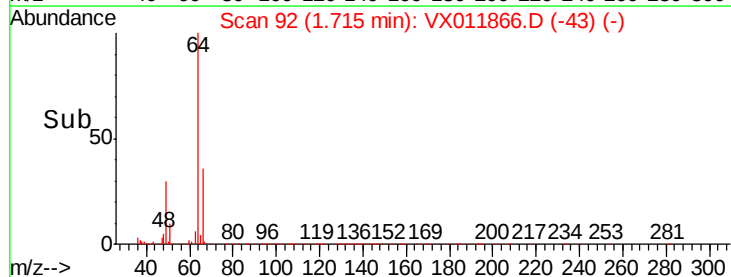
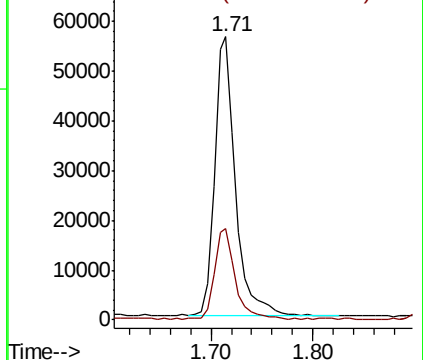
64 100

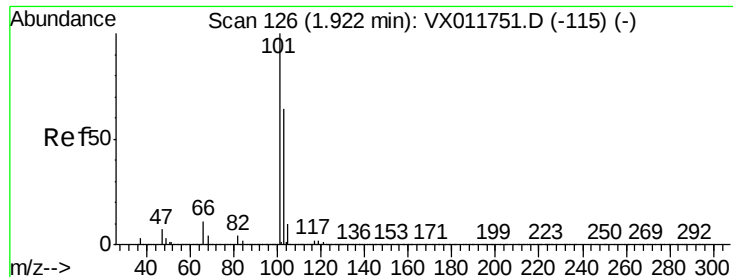
66 32.6 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



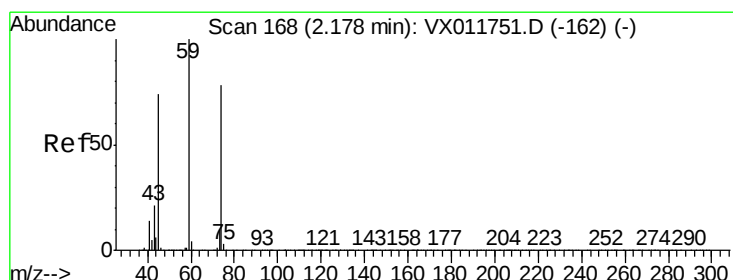
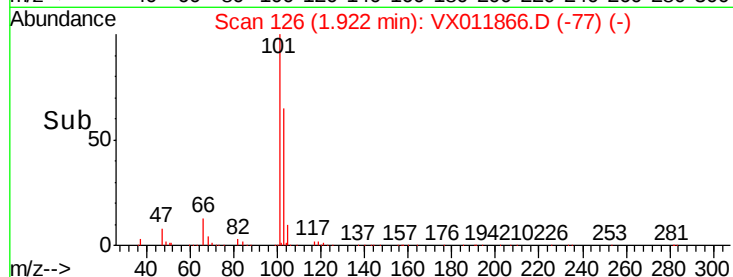
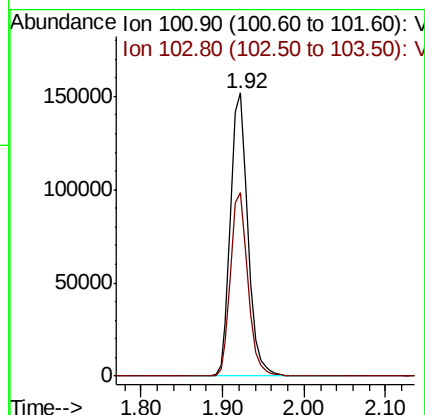
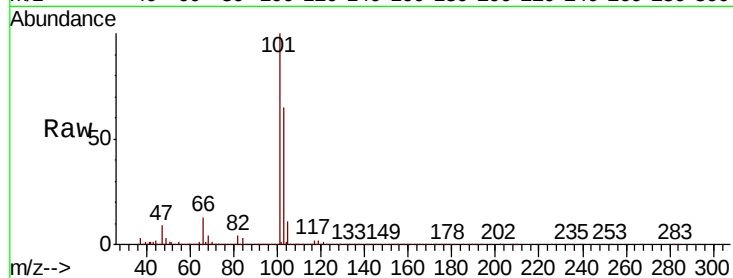


#7

Trichlorofluoromethane
Concen: 50.489 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011866.D
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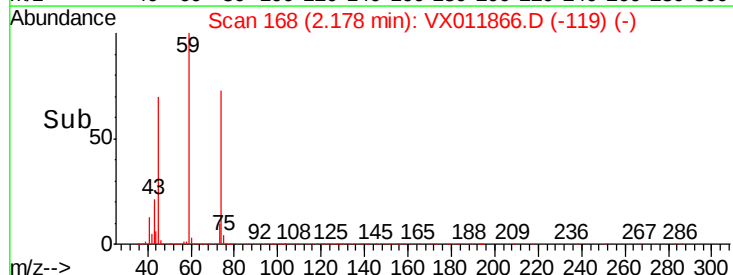
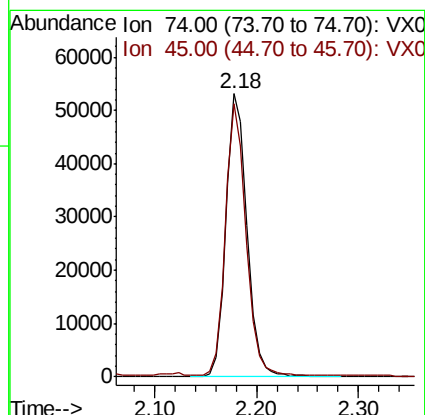
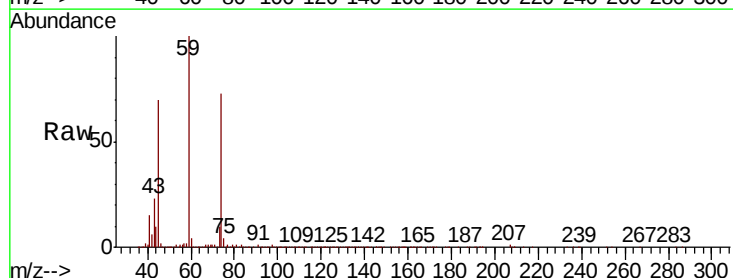
Tgt Ion:101 Resp: 221673
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

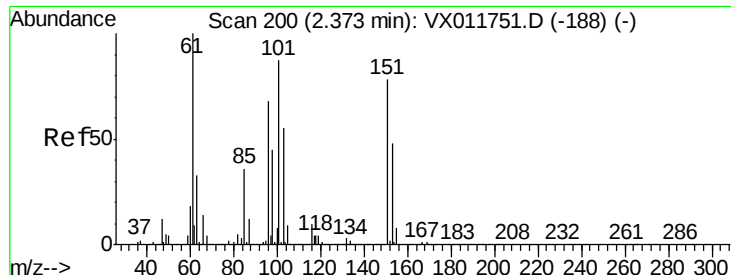


#8

Diethyl Ether
Concen: 50.380 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 74 Resp: 75214
Ion Ratio Lower Upper
74 100
45 95.1 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.507 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

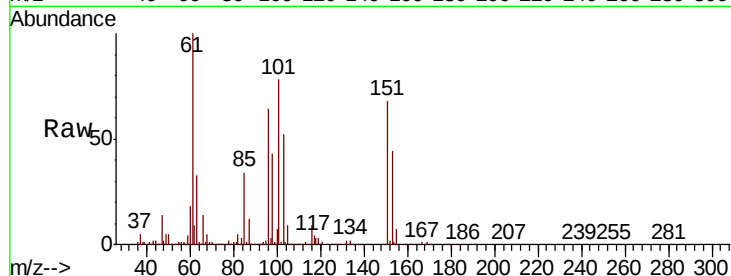
Tgt Ion:101 Resp: 131787

Ion Ratio Lower Upper

101 100

85 43.7 33.7 50.5

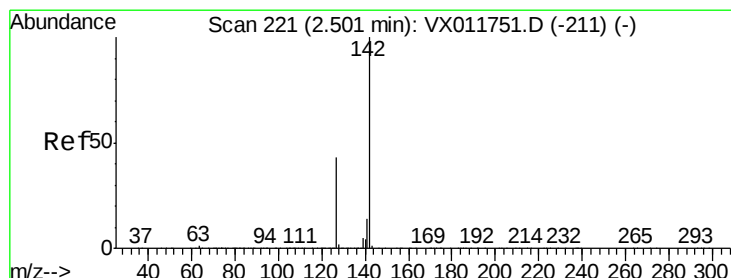
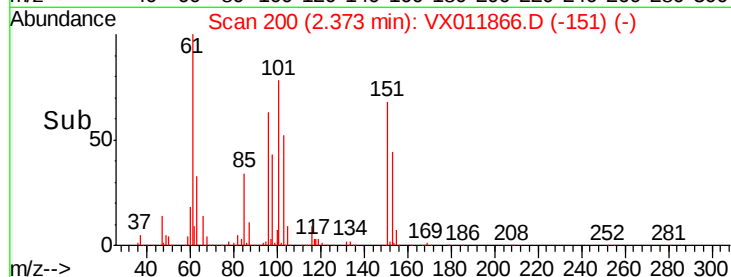
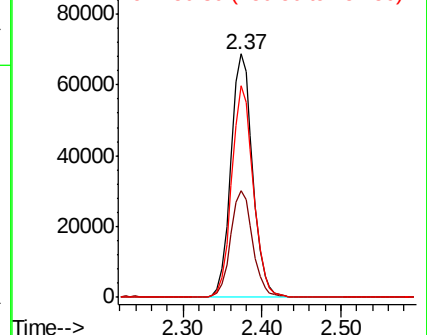
151 86.0 71.4 107.2



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: 52.842 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

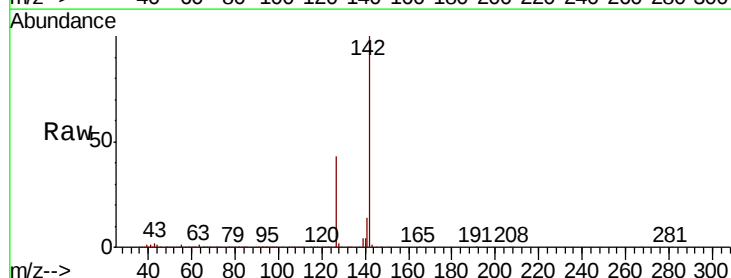
Tgt Ion:142 Resp: 175354

Ion Ratio Lower Upper

142 100

127 43.3 33.5 50.3

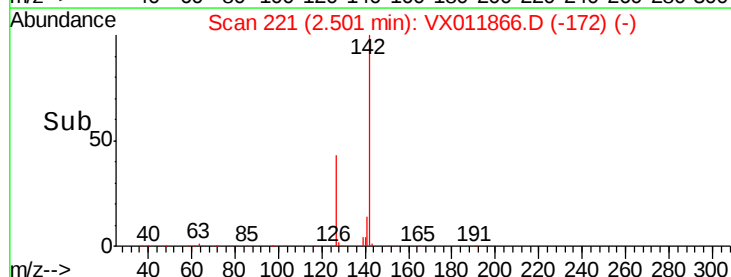
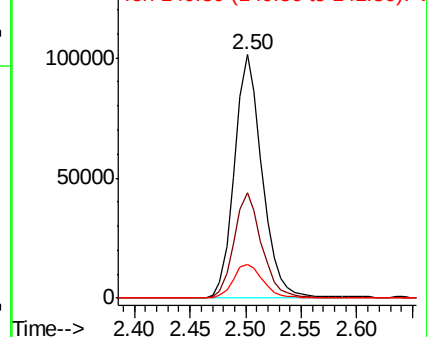
141 14.8 11.4 17.2

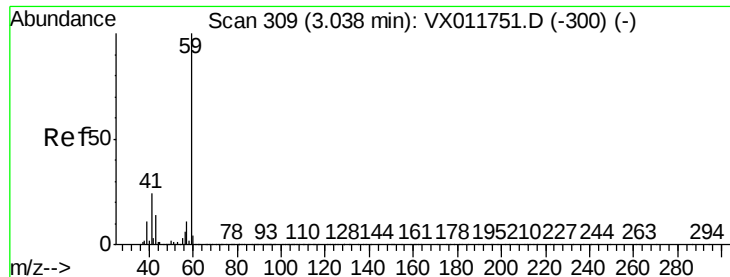


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

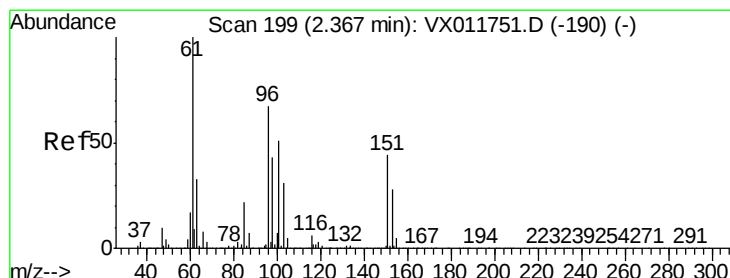
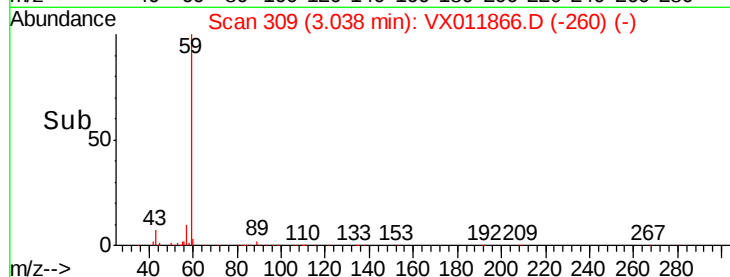
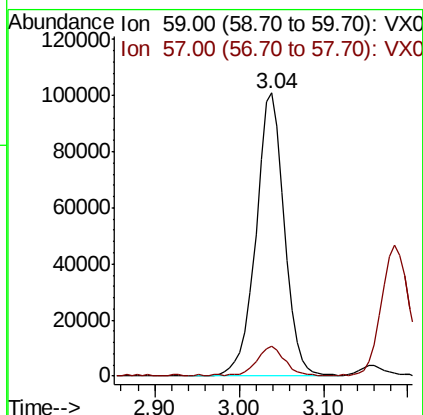
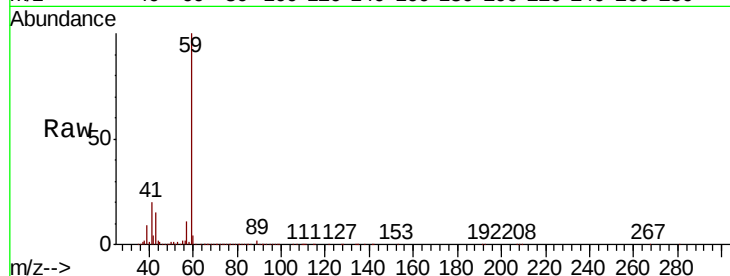




#11
Tert butyl alcohol
Concen: 347.597 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

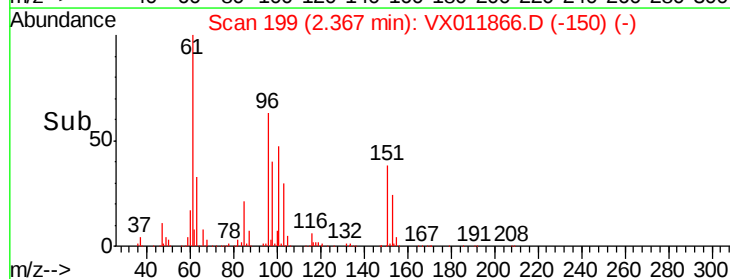
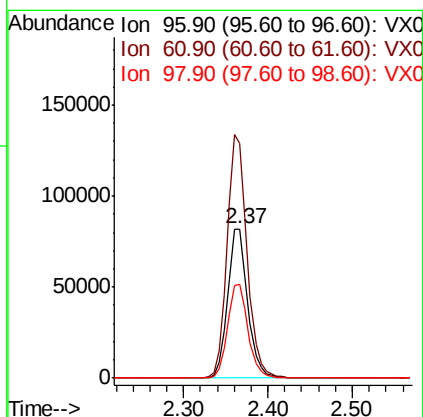
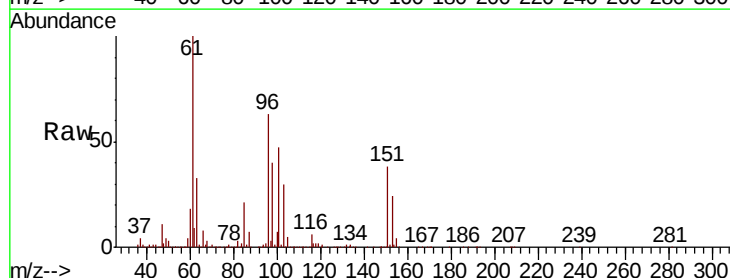
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

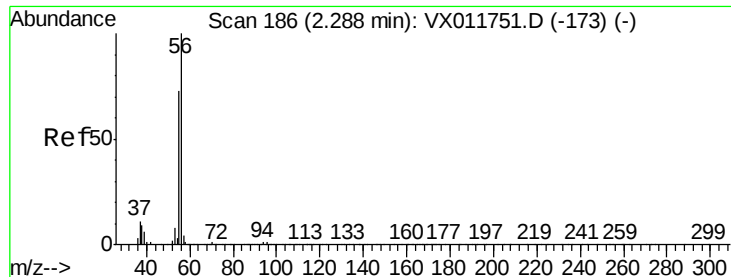
Tgt Ion: 59 Resp: 232565
Ion Ratio Lower Upper
59 100
57 9.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.205 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 96 Resp: 133003
Ion Ratio Lower Upper
96 100
61 157.9 119.4 179.2
98 63.1 51.2 76.8

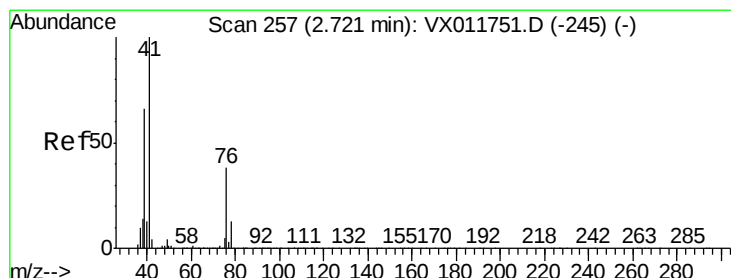
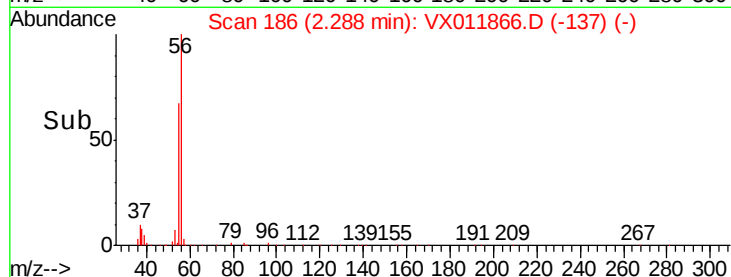
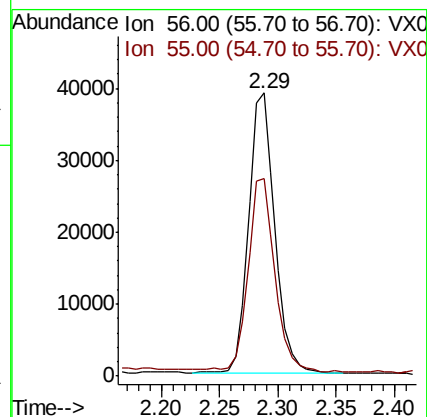
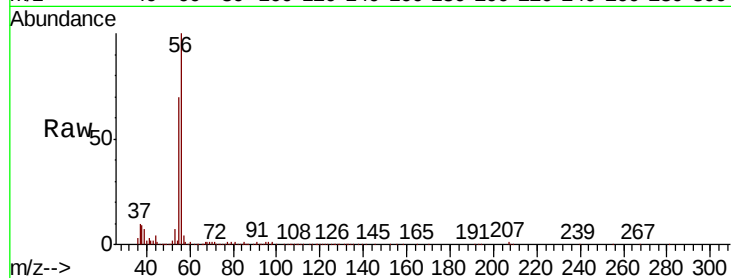




#13
Acrolein
Concen: 236.035 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

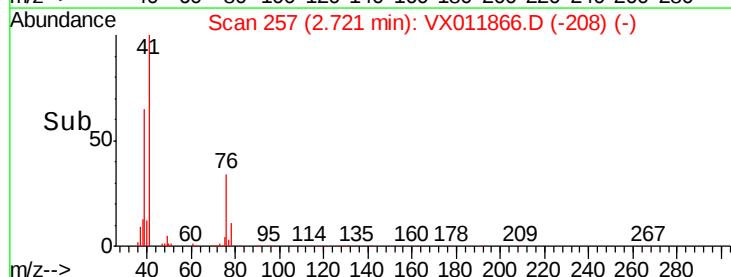
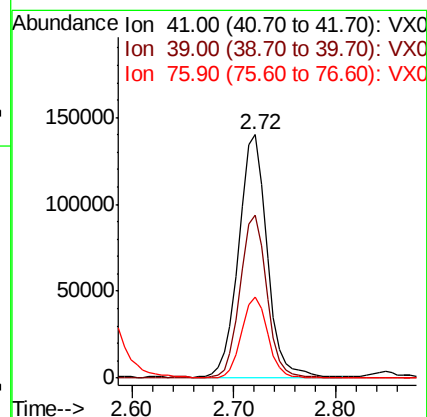
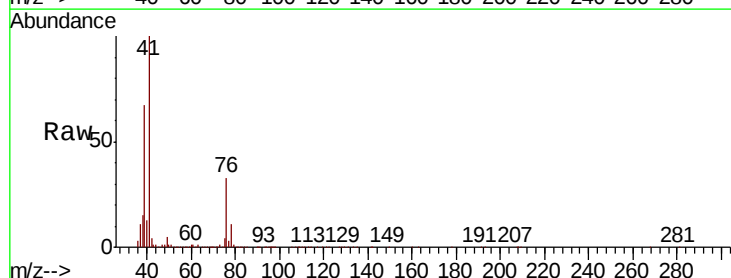
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

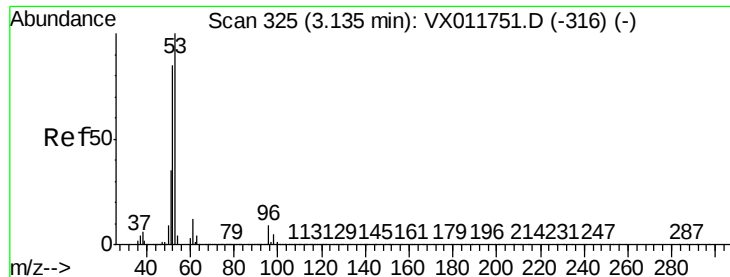
Tgt Ion: 56 Resp: 61046
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2



#14
Allyl chloride
Concen: 65.003 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 41 Resp: 269153
Ion Ratio Lower Upper
41 100
39 62.7 49.3 73.9
76 30.7 26.8 40.2





#15

Acrylonitrile

Concen: 287.707 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

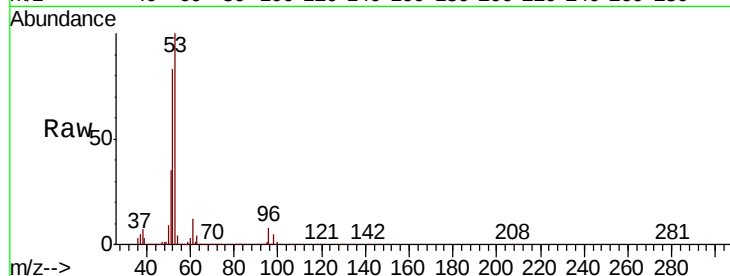
Tgt Ion: 53 Resp: 440289

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

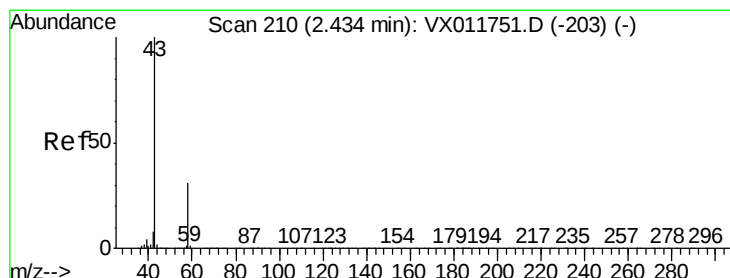
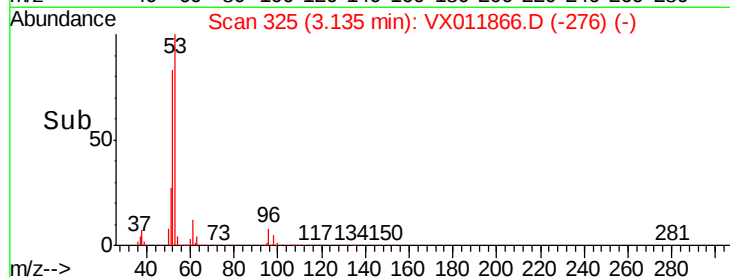
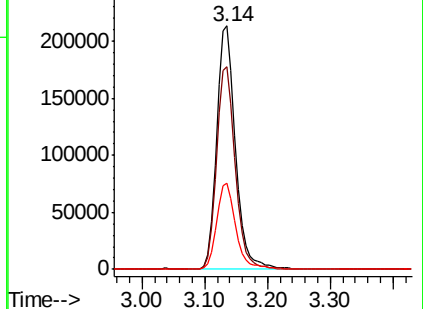
51 35.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 263.661 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011866.D

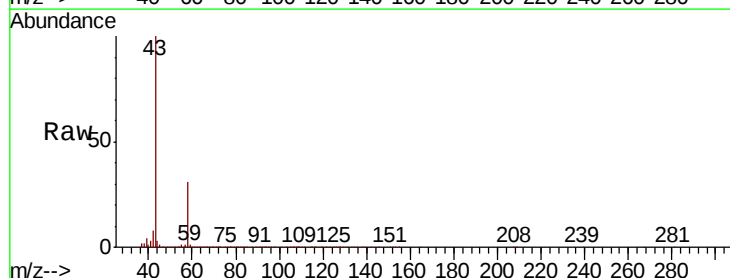
Acq: 27 Aug 2019 21:32

Tgt Ion: 43 Resp: 388340

Ion Ratio Lower Upper

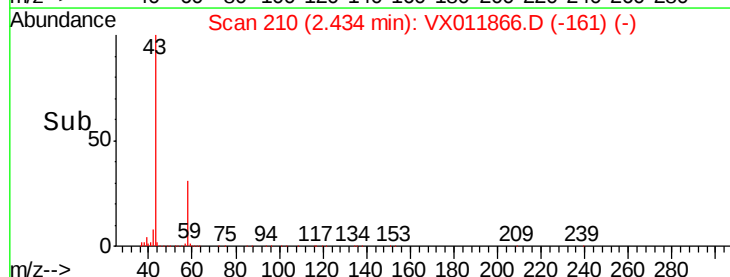
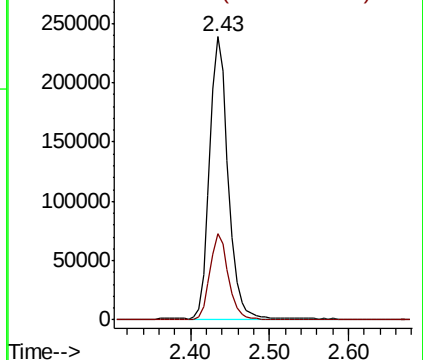
43 100

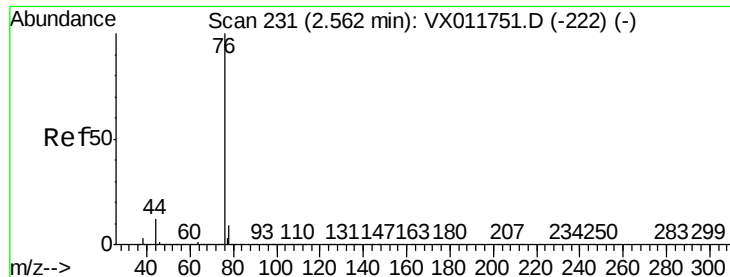
58 30.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 54.447 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

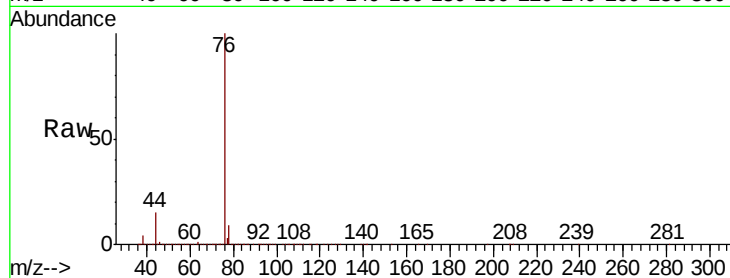
VSTDCCC050EC

Tgt Ion: 76 Resp: 364694

Ion Ratio Lower Upper

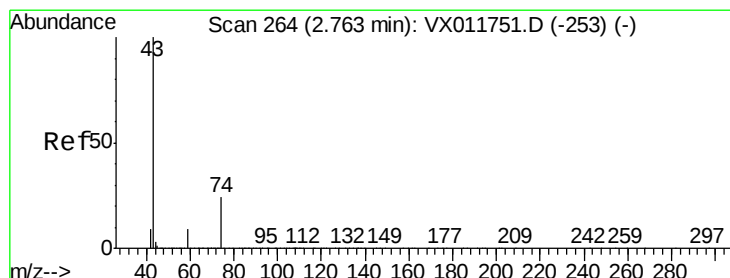
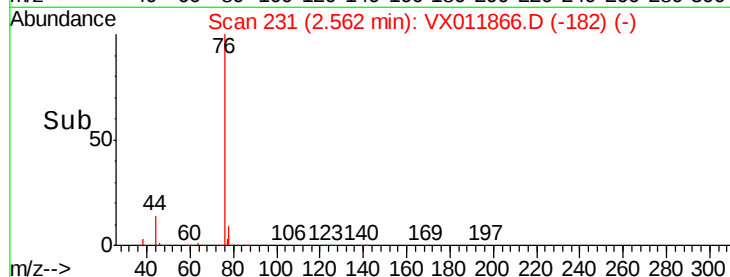
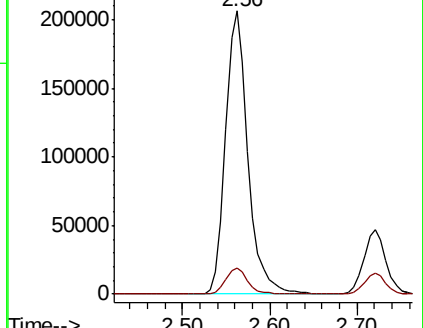
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 65.027 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011866.D

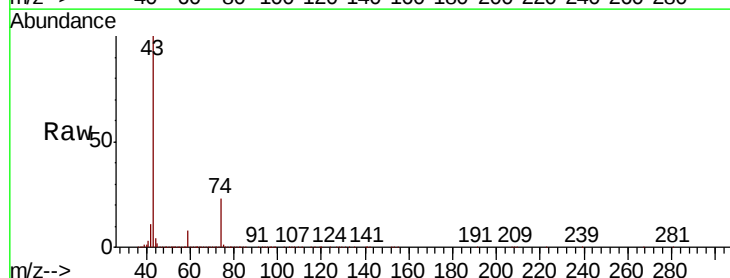
Acq: 27 Aug 2019 21:32

Tgt Ion: 43 Resp: 259888

Ion Ratio Lower Upper

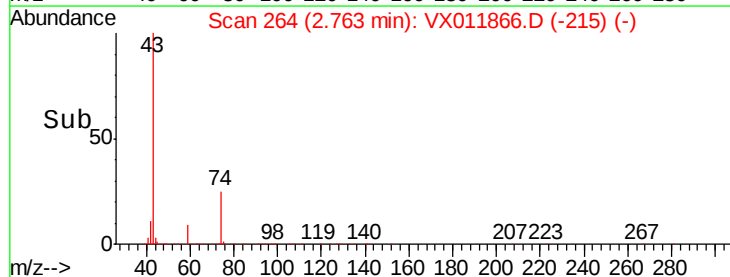
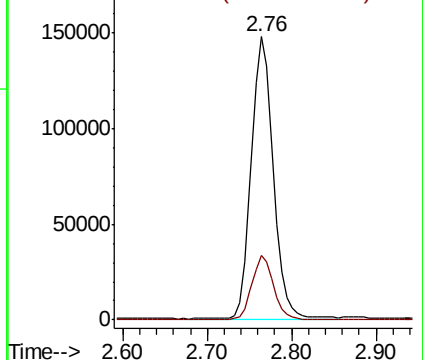
43 100

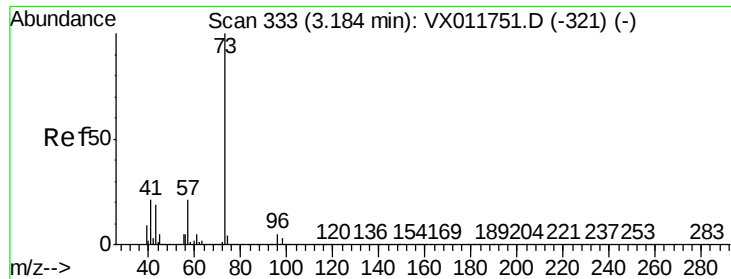
74 23.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



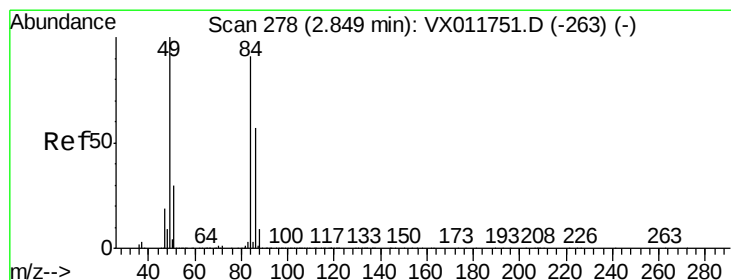
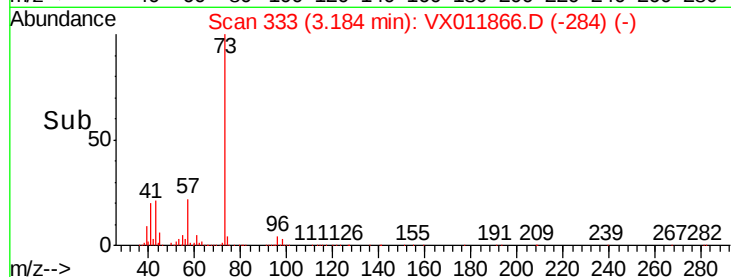
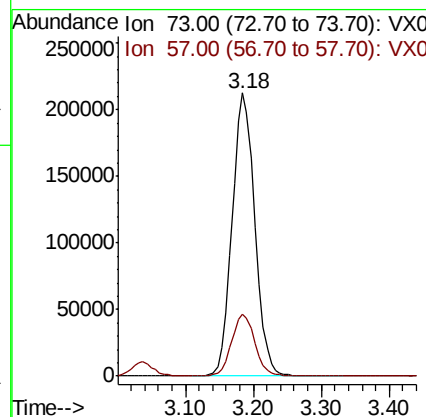
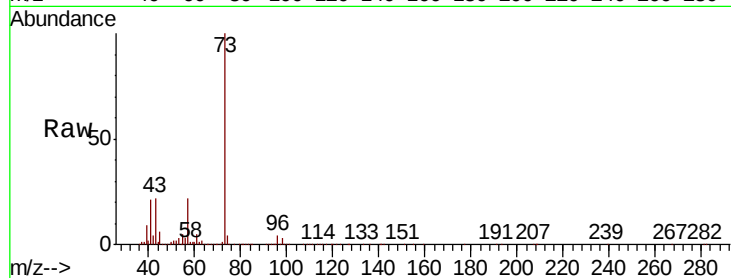


#19

Methyl tert-butyl Ether
 Concen: 57.706 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

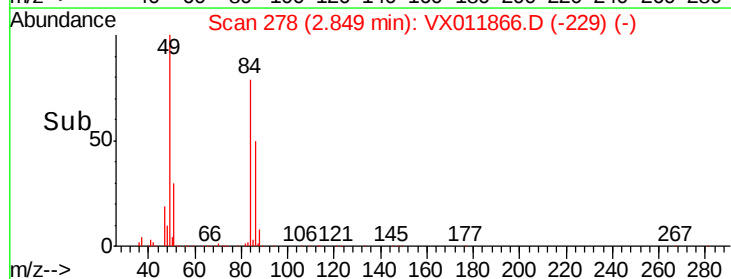
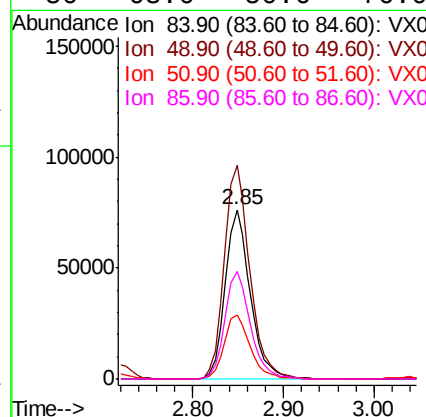
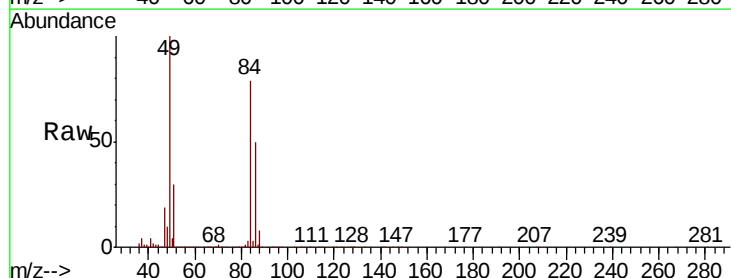
Tgt Ion: 73 Resp: 490376
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.4 24.6

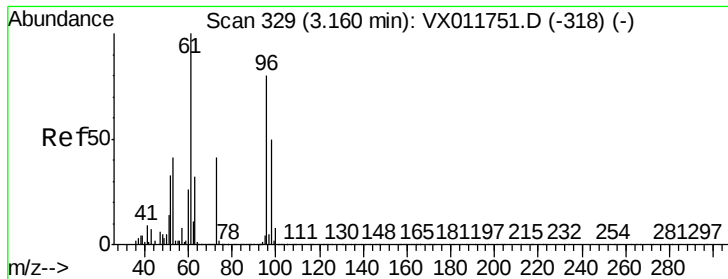


#20

Methylene Chloride
 Concen: 48.672 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion: 84 Resp: 146562
 Ion Ratio Lower Upper
 84 100
 49 126.1 88.3 132.5
 51 37.3 26.2 39.2
 86 63.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 49.213 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

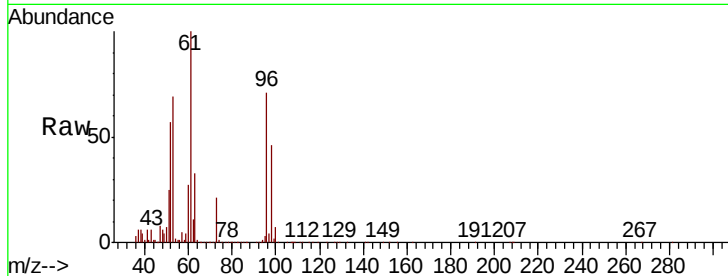
Tgt Ion: 96 Resp: 140623

Ion Ratio Lower Upper

96 100

61 140.0 99.8 149.8

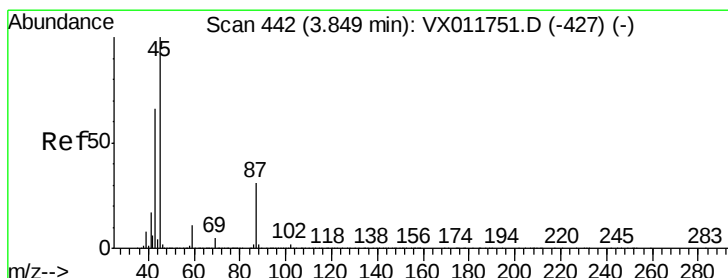
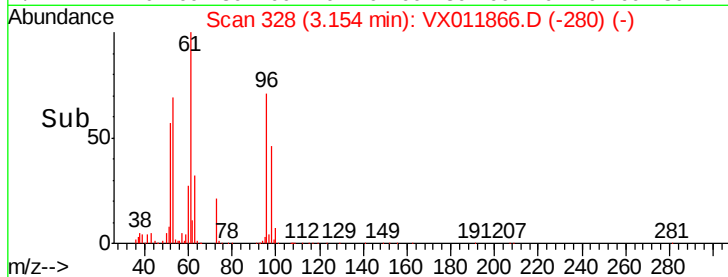
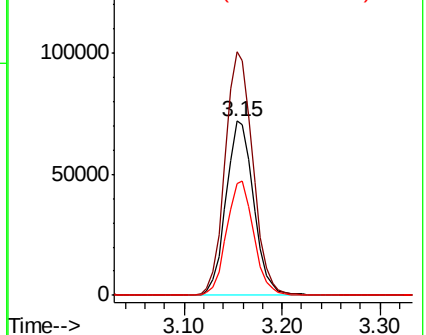
98 64.3 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 62.238 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion: 45 Resp: 499721

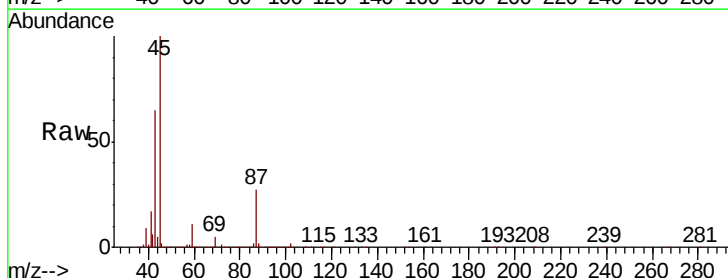
Ion Ratio Lower Upper

45 100

43 64.4 53.0 79.6

87 27.3 24.7 37.1

59 10.9 9.1 13.7

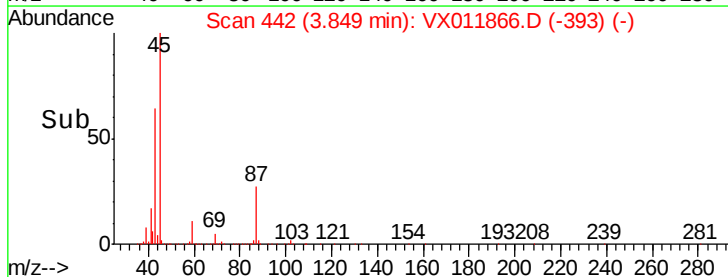
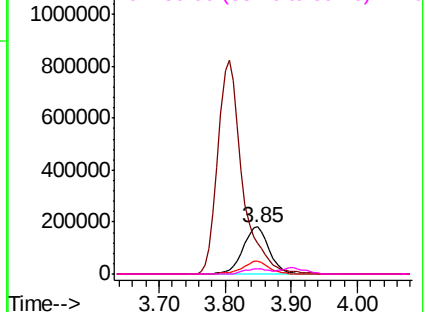


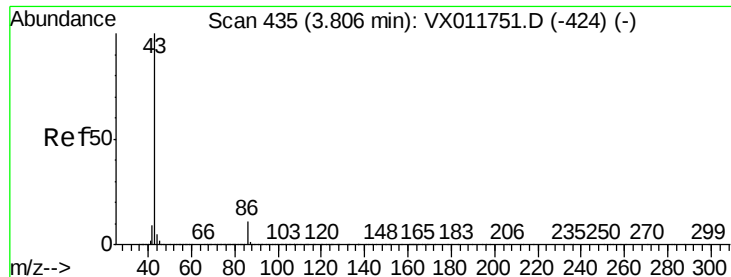
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 318.973 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

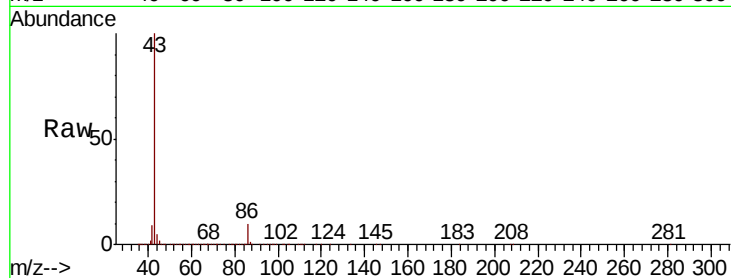
VSTDCCC050EC

Tgt Ion: 43 Resp: 2120490

Ion Ratio Lower Upper

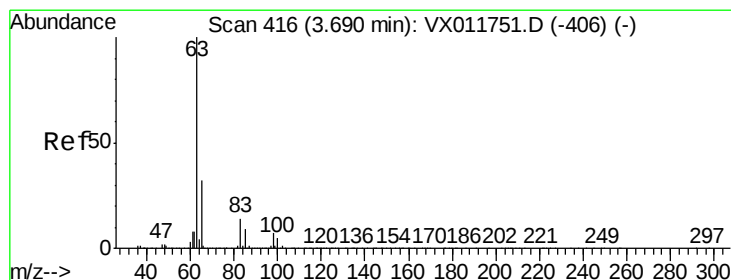
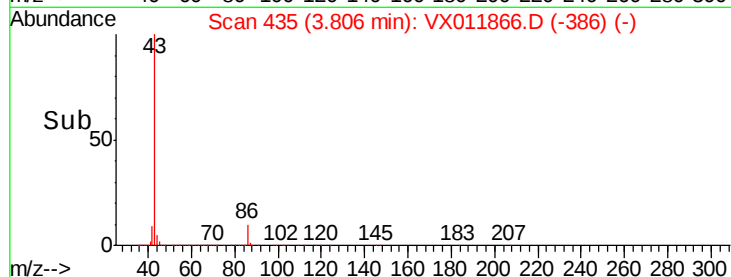
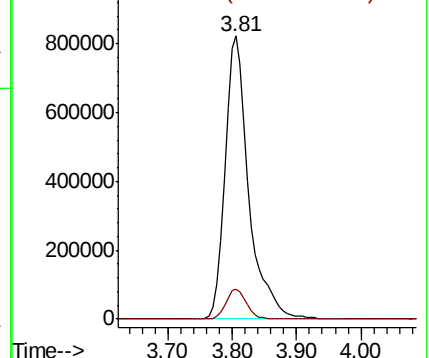
43 100

86 10.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.755 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

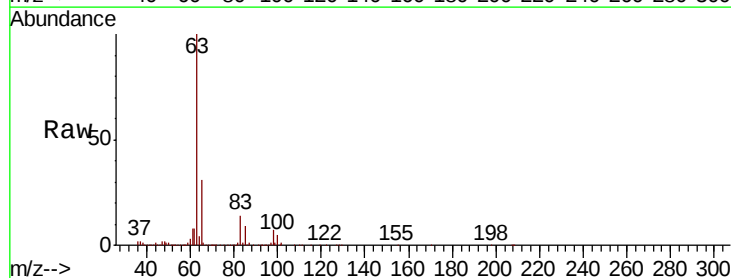
Tgt Ion: 63 Resp: 264316

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

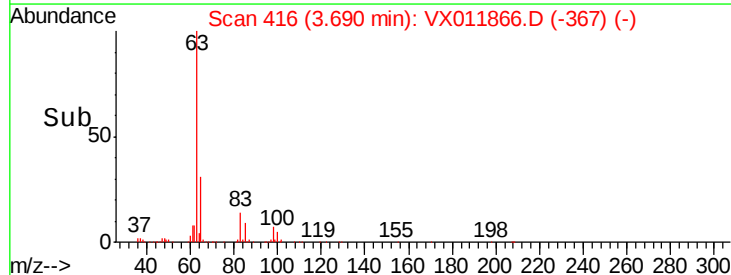
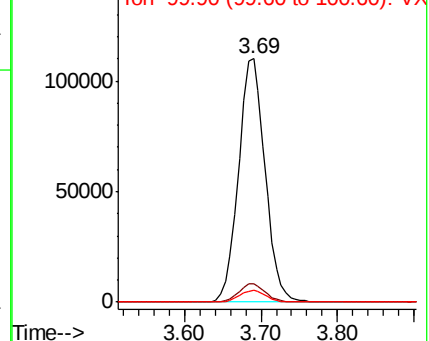
100 4.7 2.3 6.9

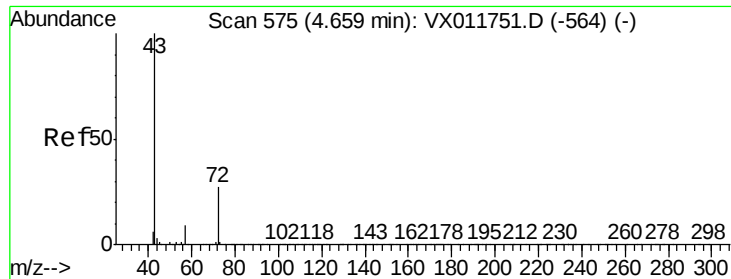


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 302.557 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

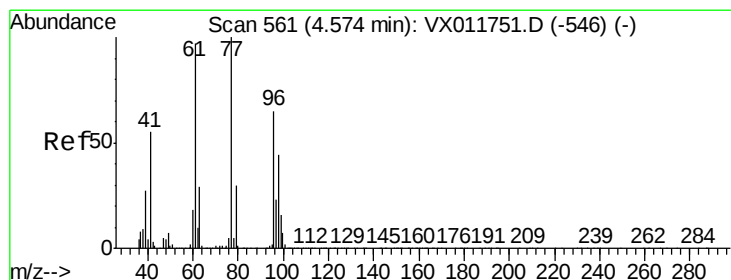
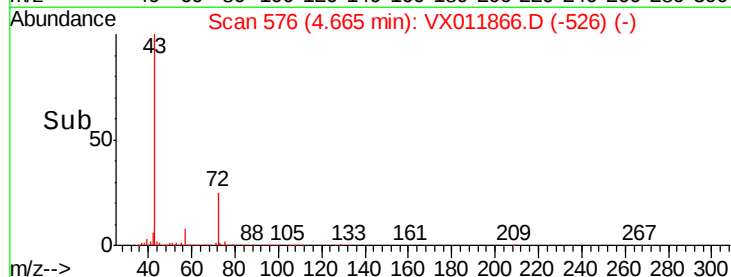
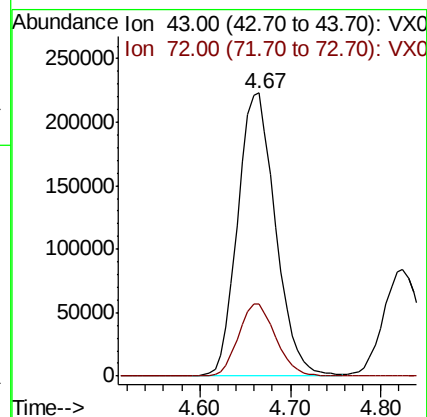
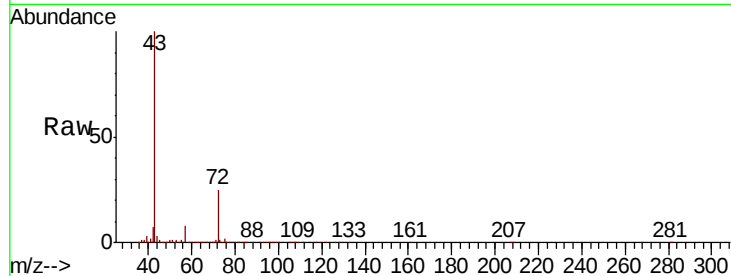
VSTDCCC050EC

Tgt Ion: 43 Resp: 639639

Ion Ratio Lower Upper

43 100

72 25.3 21.8 32.6



#26

2,2-Dichloropropane

Concen: 51.901 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011866.D

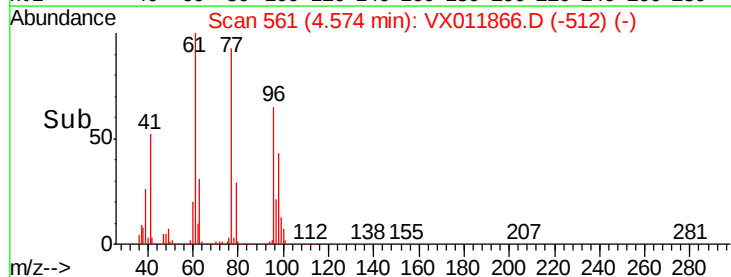
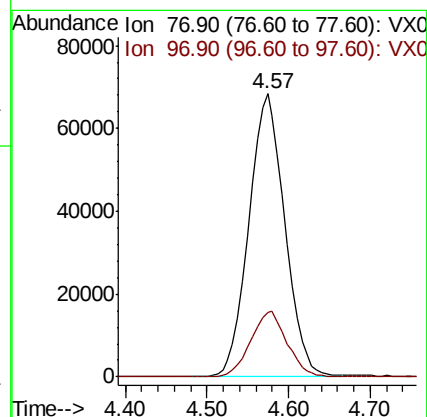
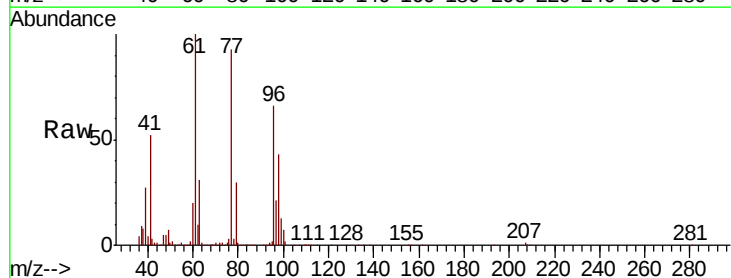
Acq: 27 Aug 2019 21:32

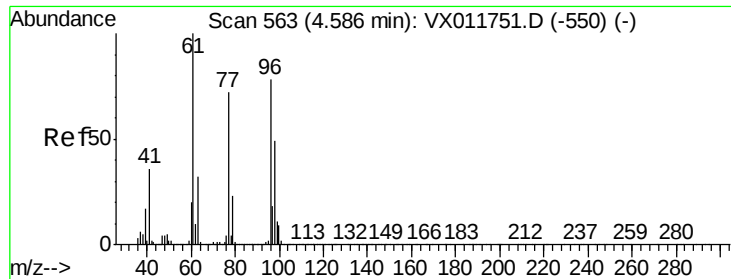
Tgt Ion: 77 Resp: 208947

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.6



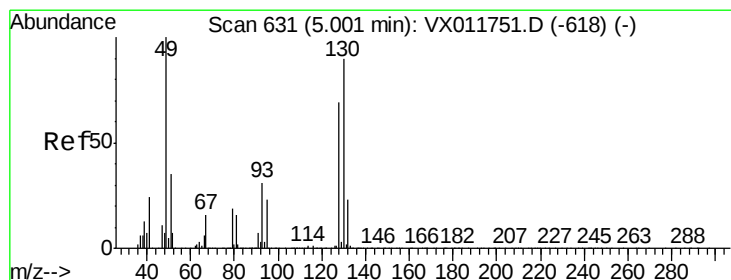
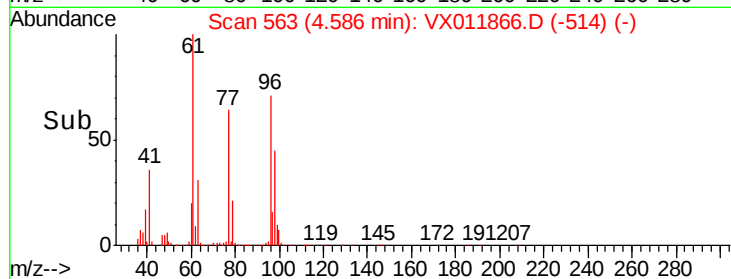
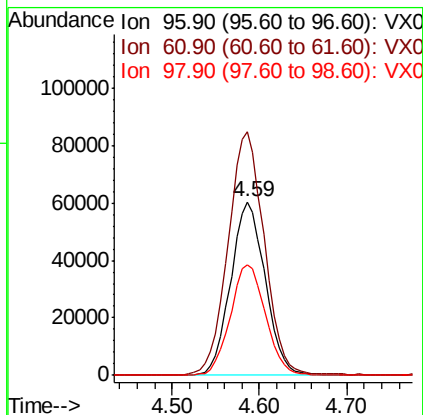
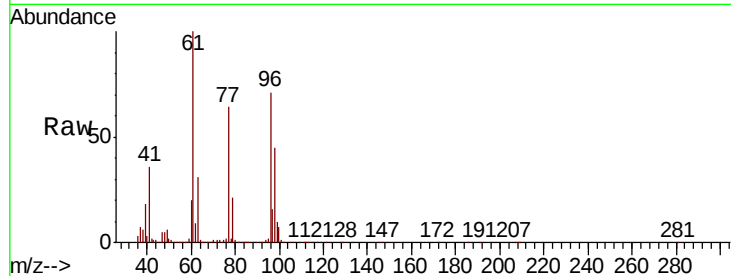


#27

cis-1,2-Dichloroethene
 Concen: 50.312 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

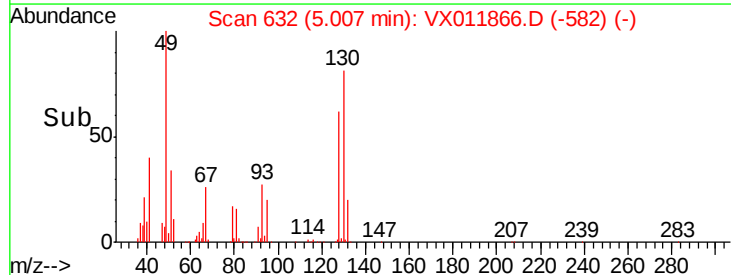
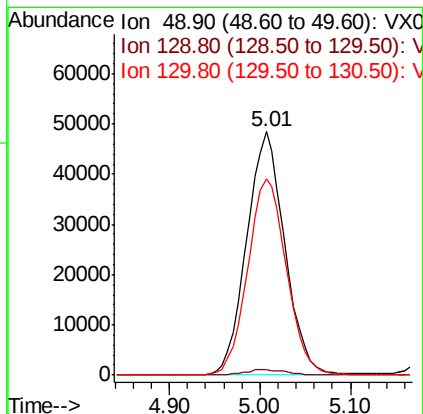
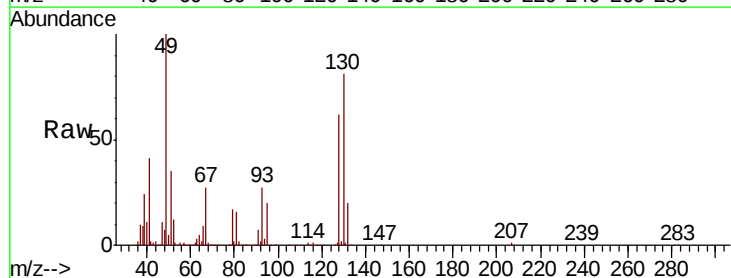
Tgt Ion: 96 Resp: 164866
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 275.8
 98 64.9 0.0 128.2

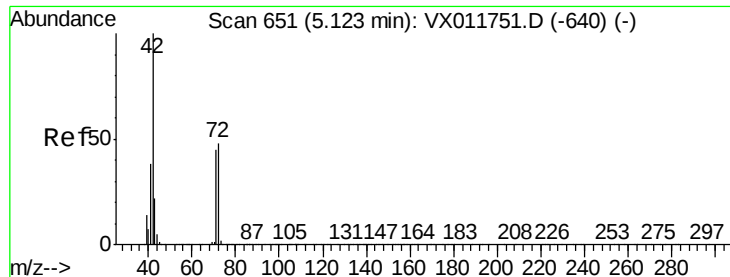


#28

Bromochloromethane
 Concen: 65.336 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion: 49 Resp: 140600
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.8
 130 82.4 76.8 115.2





#29

Tetrahydrofuran

Concen: 306.613 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

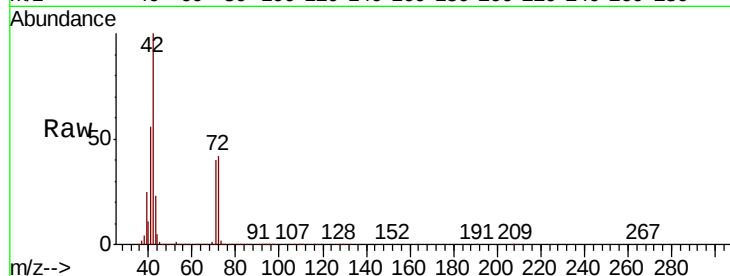
Tgt Ion: 42 Resp: 415521

Ion Ratio Lower Upper

42 100

72 43.2 37.6 56.4

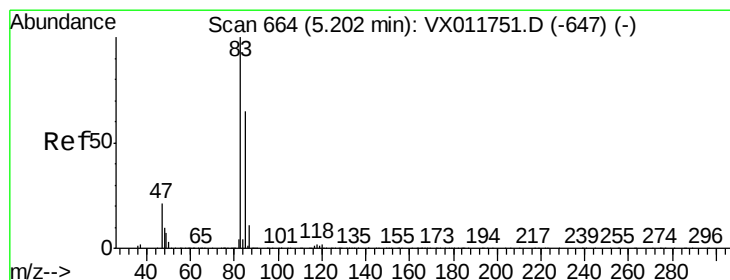
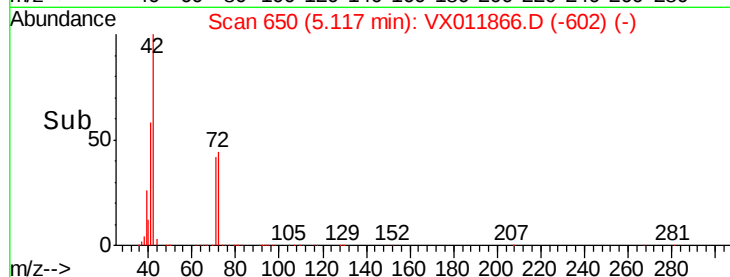
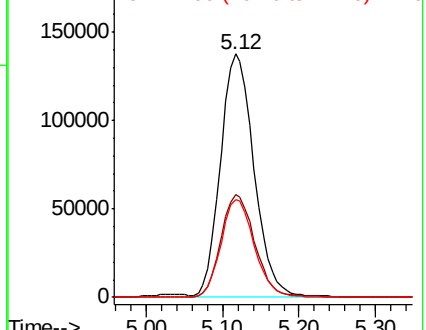
71 39.8 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.218 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011866.D

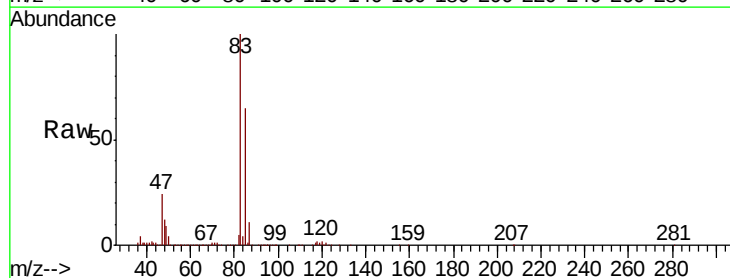
Acq: 27 Aug 2019 21:32

Tgt Ion: 83 Resp: 268569

Ion Ratio Lower Upper

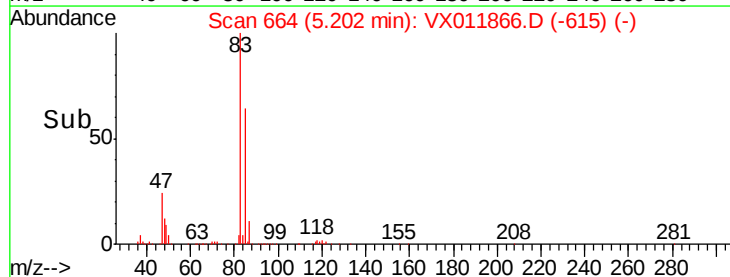
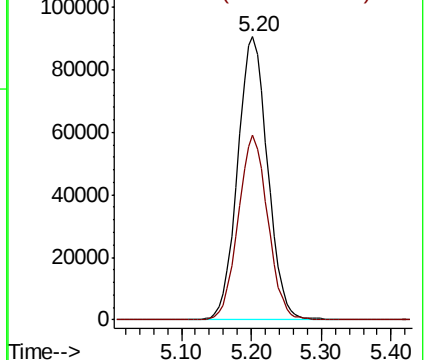
83 100

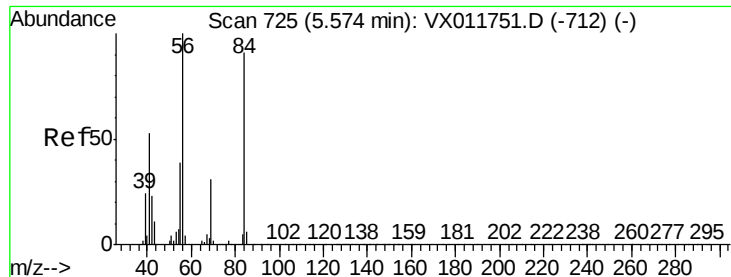
85 65.2 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

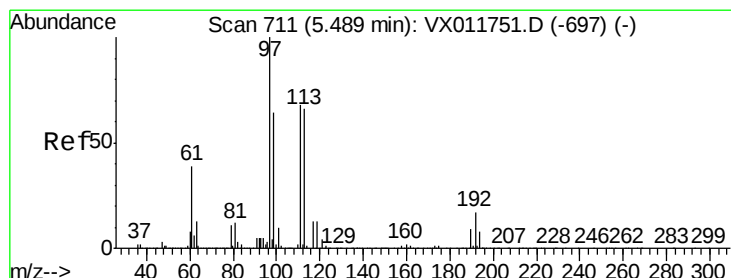
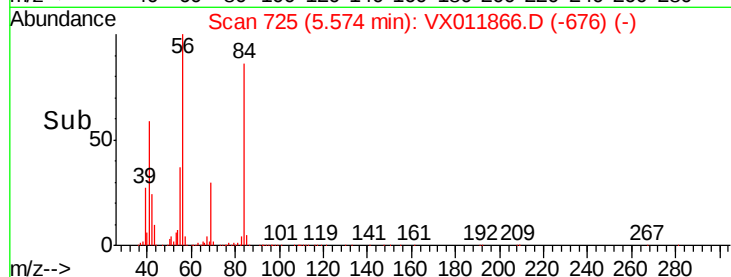
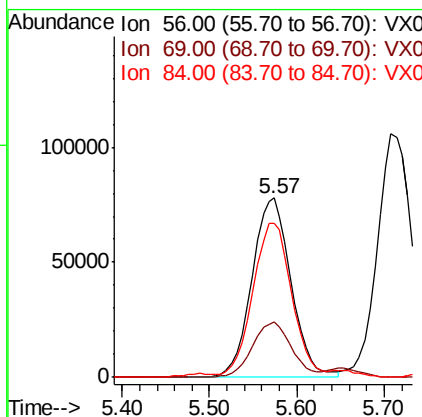
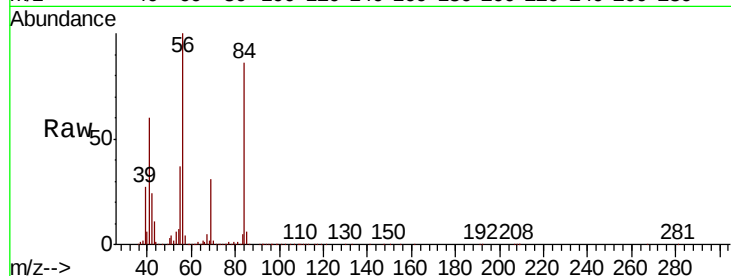




#31
Cyclohexane
Concen: 57.900 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

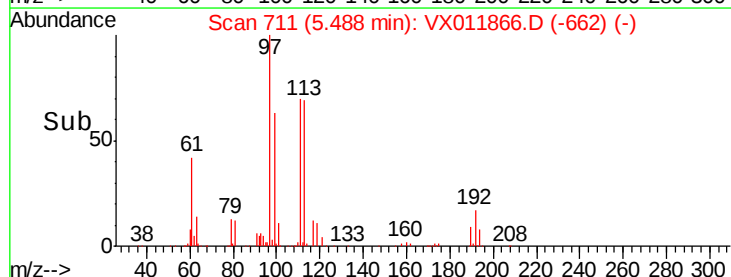
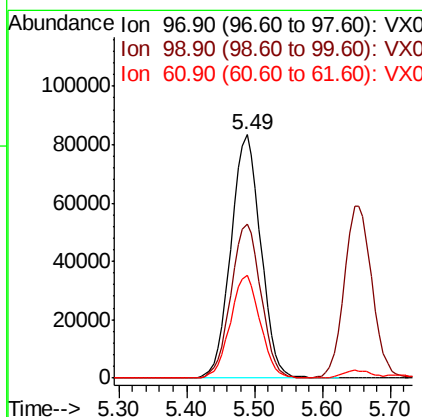
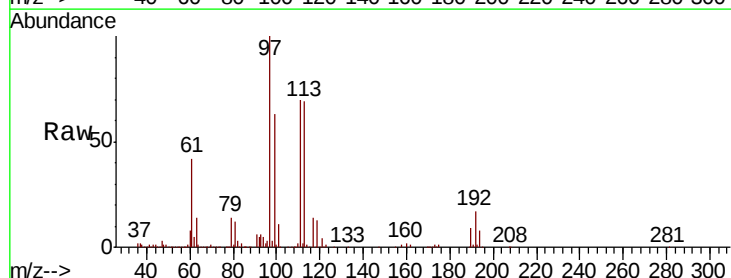
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

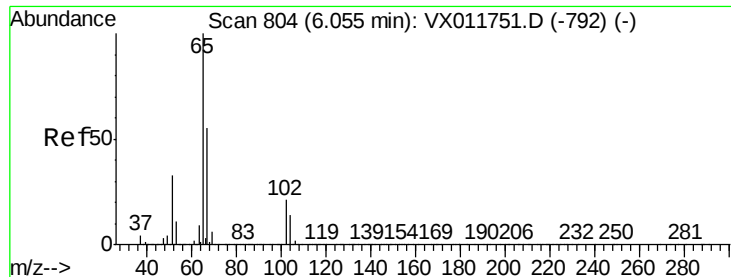
Tgt Ion: 56 Resp: 241060
Ion Ratio Lower Upper
56 100
69 30.5 24.5 36.7
84 84.3 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 56.447 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 97 Resp: 252367
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 42.6 31.6 47.4

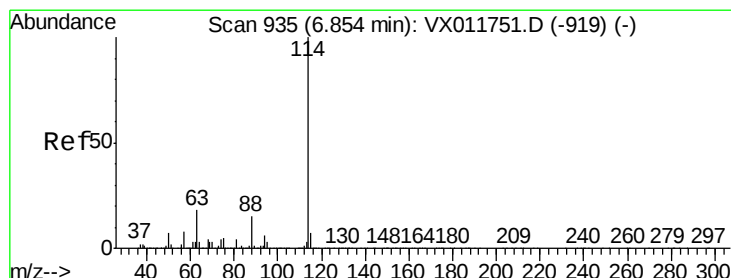
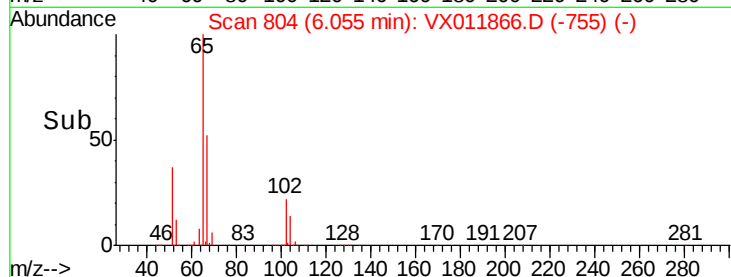
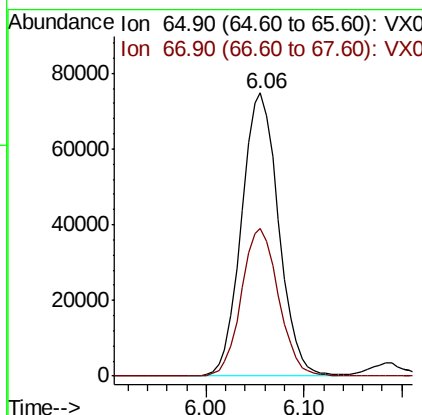
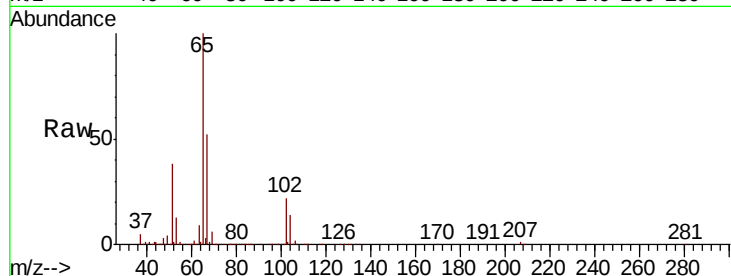




#33
 1,2-Dichloroethane-d4
 Concen: 58.092 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

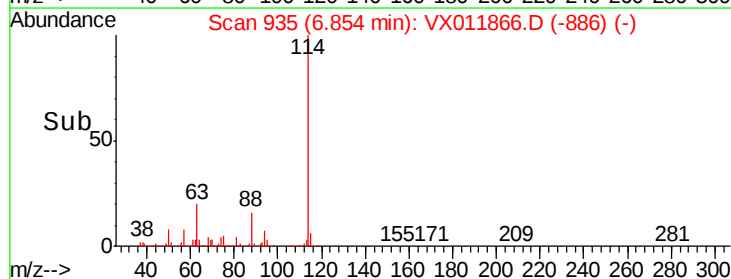
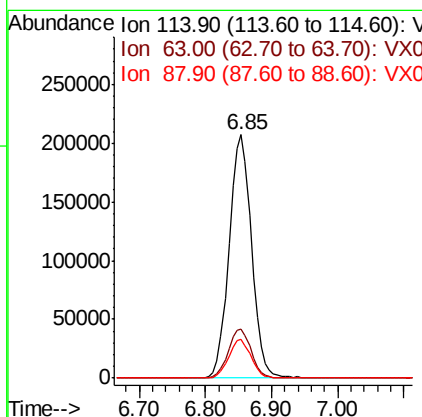
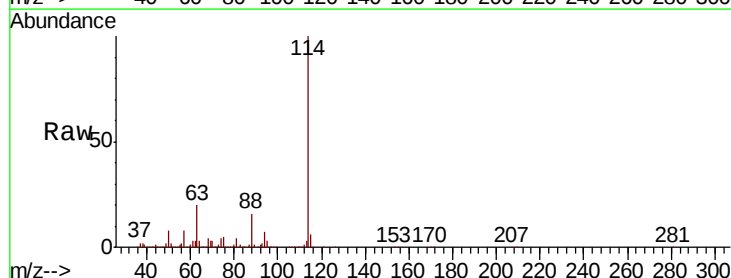
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

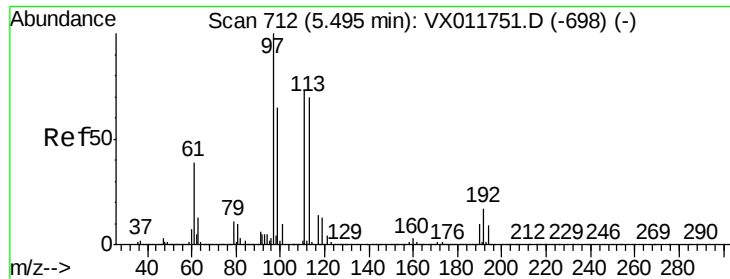
Tgt Ion: 65 Resp: 196692
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion: 114 Resp: 486703
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.8
 88 15.7 0.0 30.2

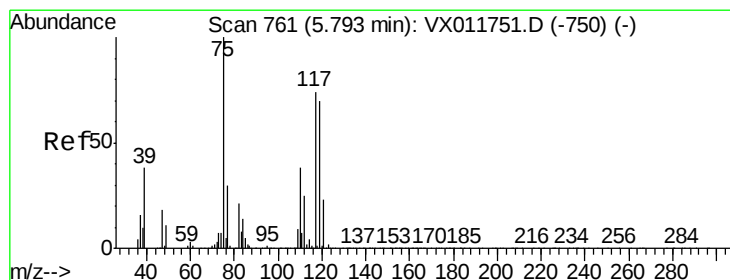
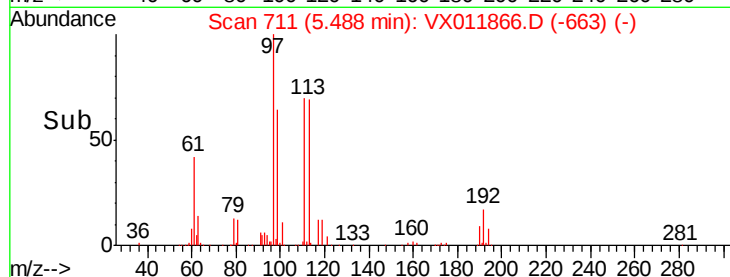
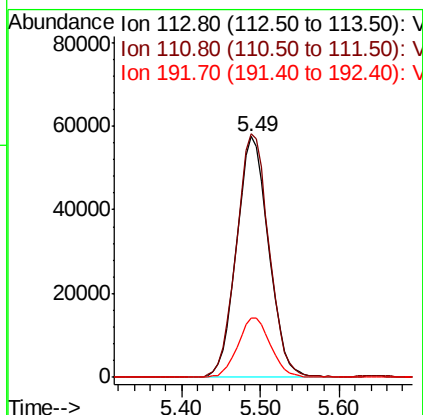
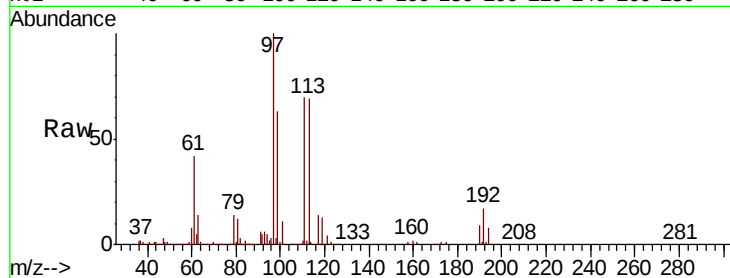




#35
 Dibromofluoromethane
 Concen: 51.724 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

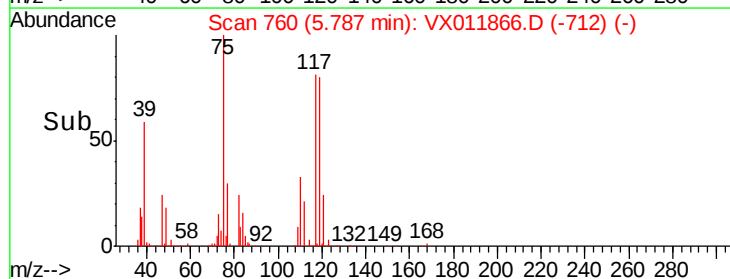
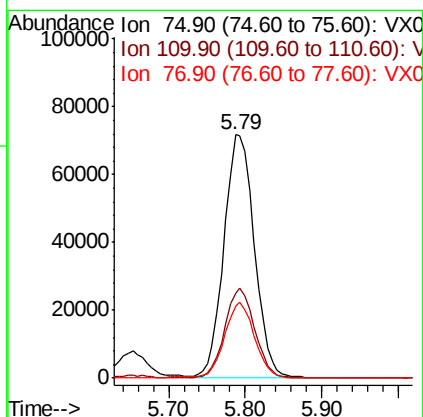
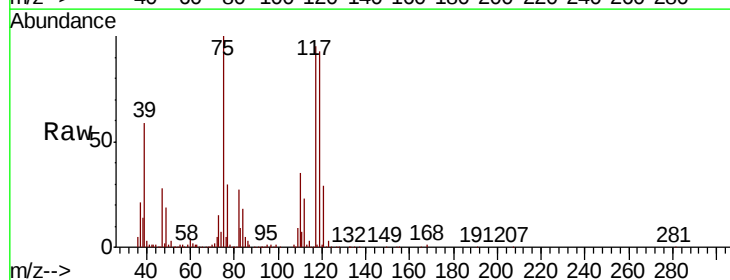
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

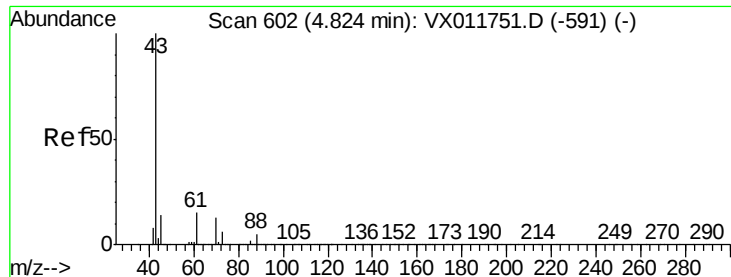
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	25.3	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 51.704 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	19.0	57.0
77	30.4	24.6	36.8

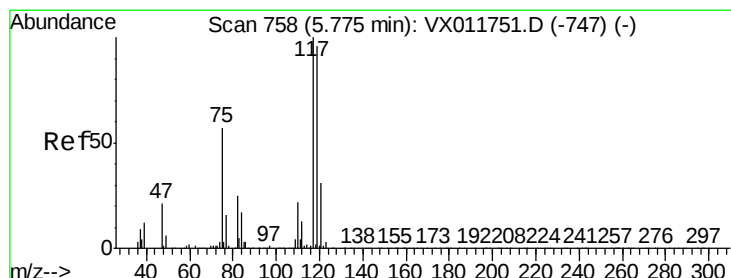
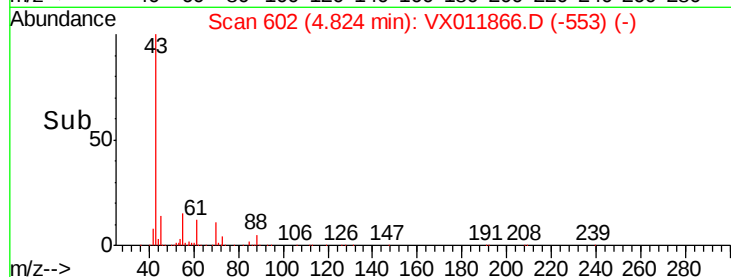
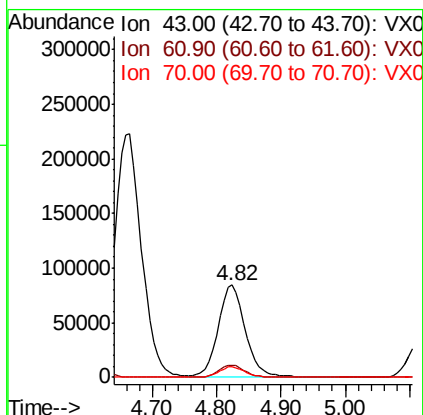
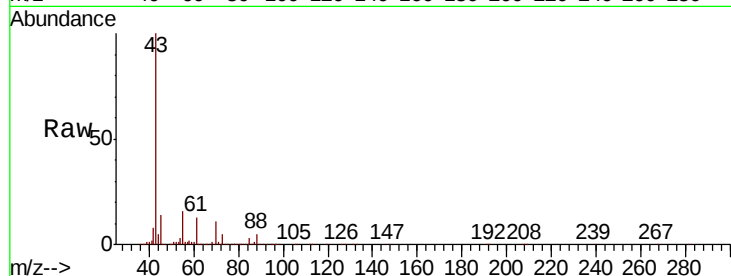




#37
 Ethyl Acetate
 Concen: 61.173 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

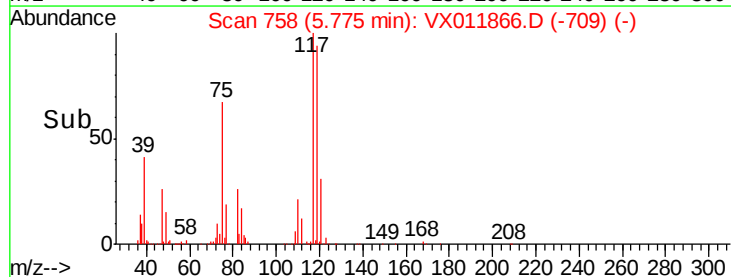
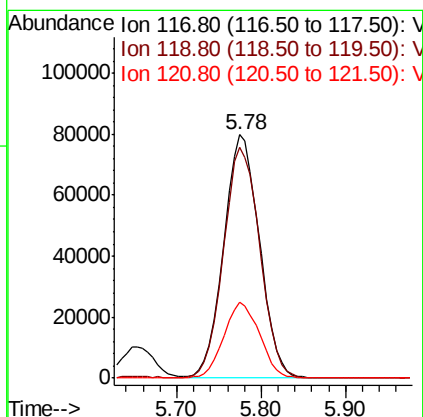
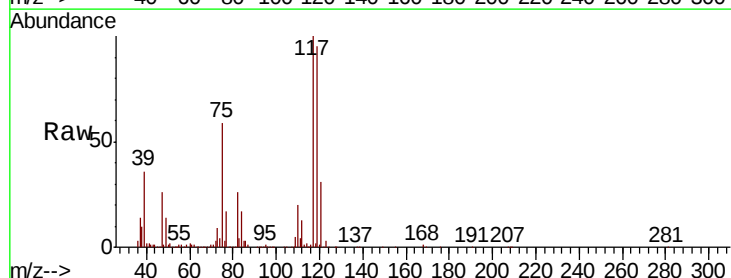
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

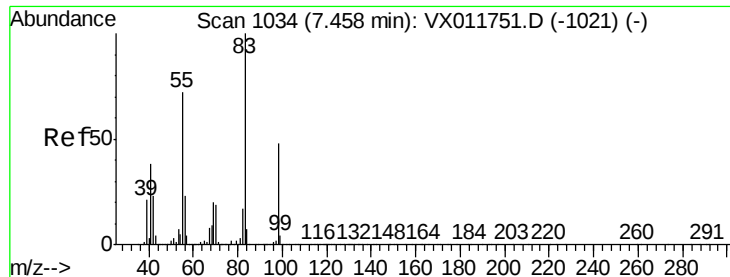
Tgt Ion: 43 Resp: 247070
 Ion Ratio Lower Upper
 43 100
 61 13.0 11.5 17.3
 70 10.8 9.5 14.3



#38
 Carbon Tetrachloride
 Concen: 53.023 ug/l
 RT: 5.78 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion: 117 Resp: 229345
 Ion Ratio Lower Upper
 117 100
 119 94.5 76.6 114.8
 121 31.1 25.2 37.8

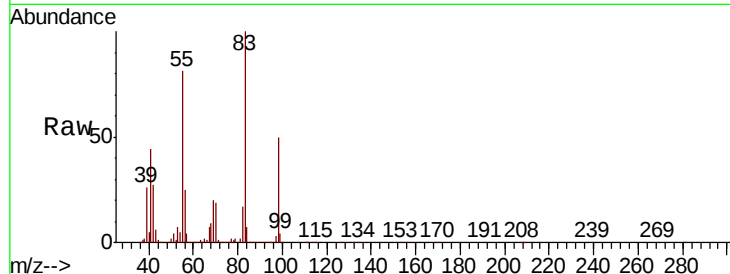




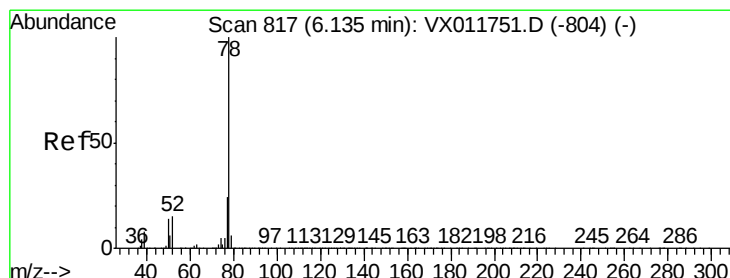
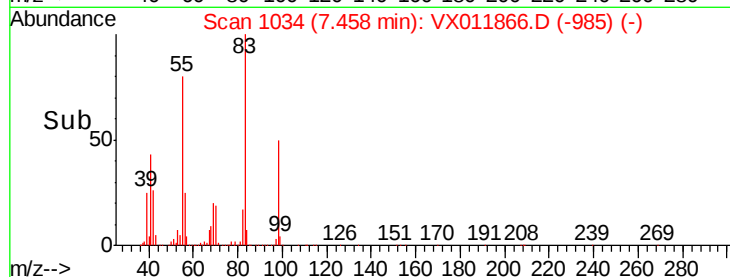
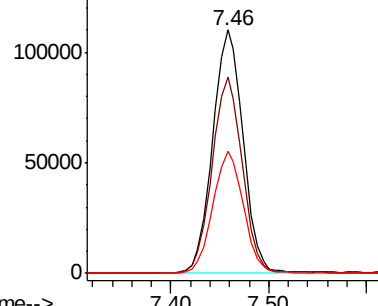
#39
Methylcyclohexane
Concen: 50.238 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.2	57.8	86.6
98	49.9	38.6	58.0

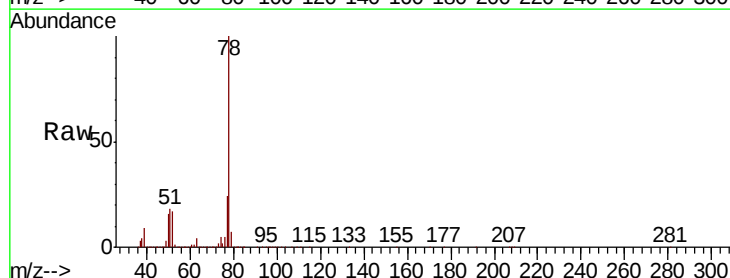


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

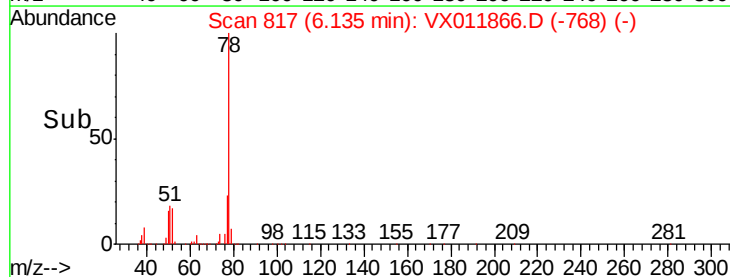
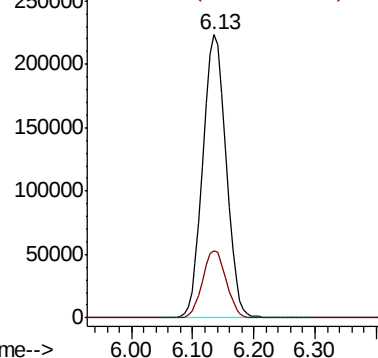


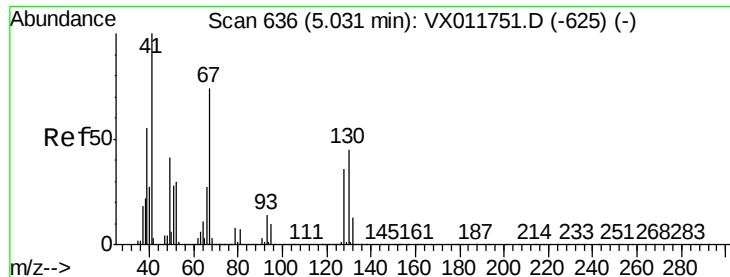
#40
Benzene
Concen: 49.532 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7



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

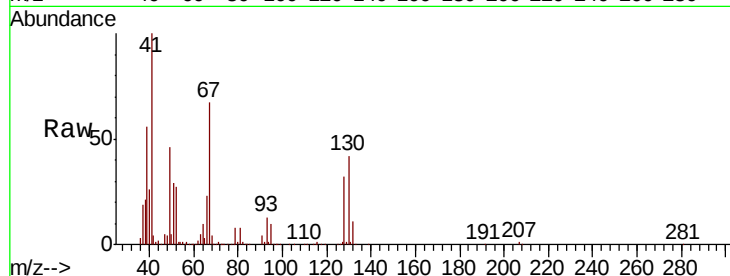




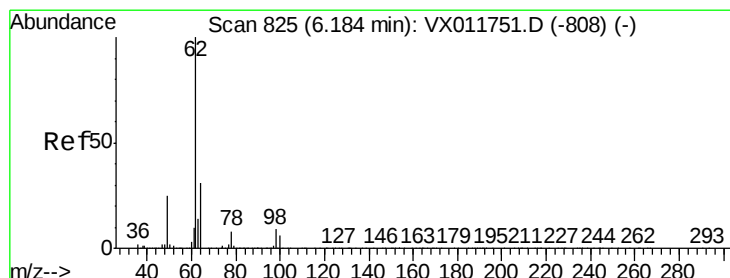
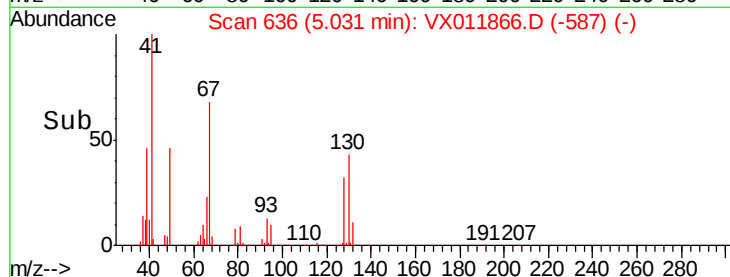
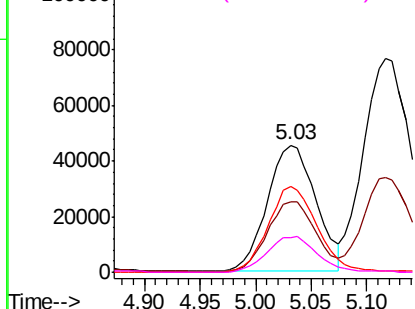
#41
Methacrylonitrile
Concen: 58.527 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	137478
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.3	66.5
67	67.3	60.3	90.5
52	28.8	24.0	36.0

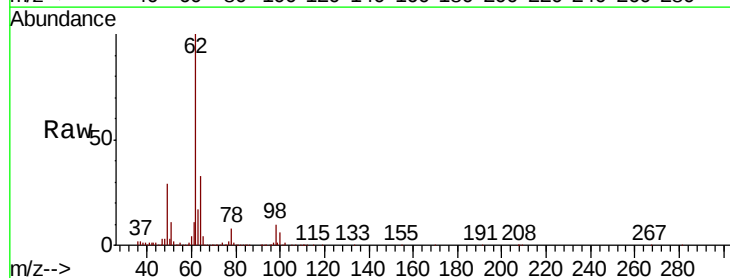


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

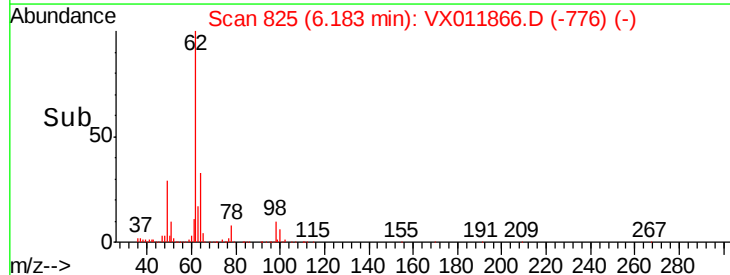
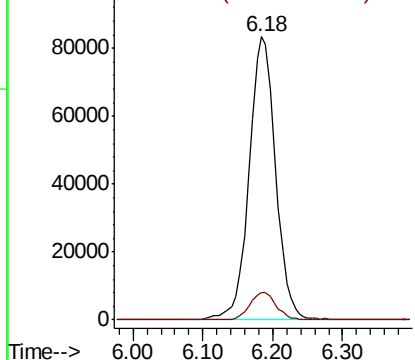


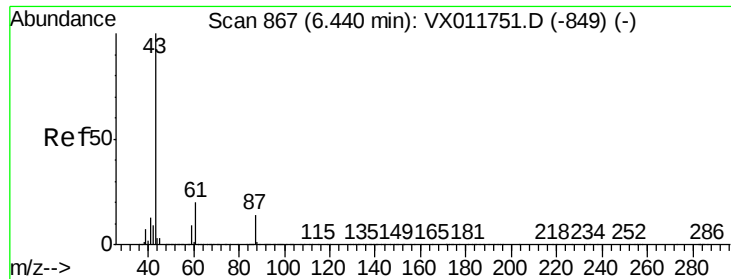
#42
1,2-Dichloroethane
Concen: 50.564 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:	62	Resp:	218231
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8



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





#43

Isopropyl Acetate

Concen: 62.576 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

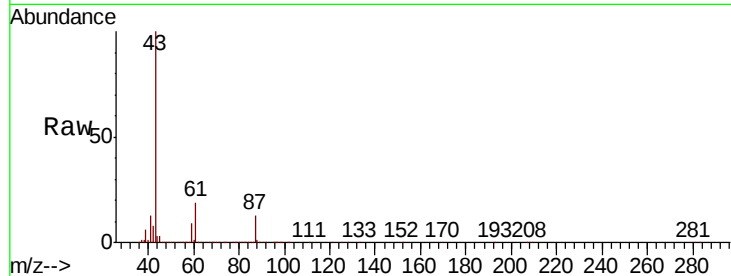
Tgt Ion: 43 Resp: 409064

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.2

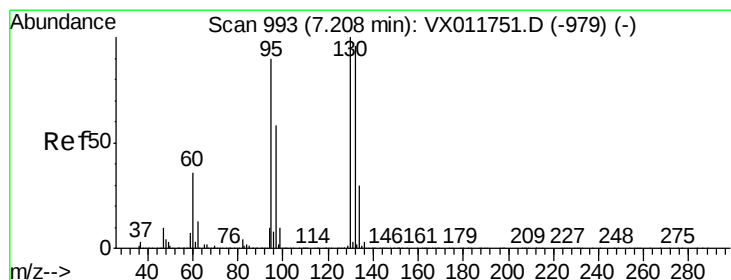
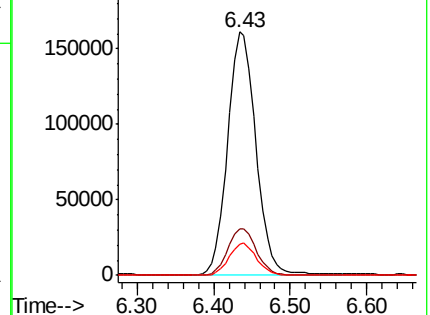
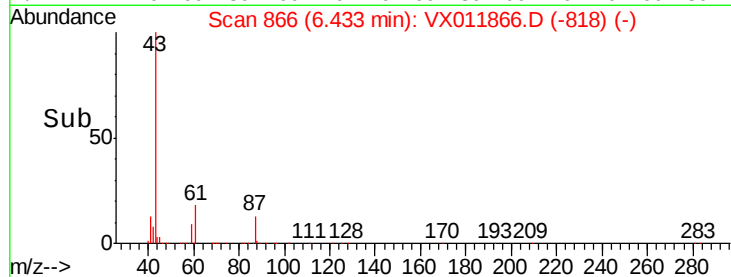
87 12.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.448 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011866.D

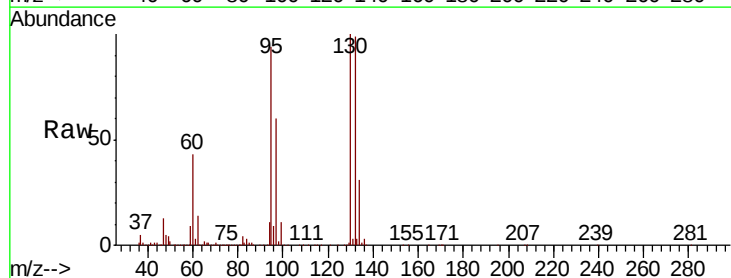
Acq: 27 Aug 2019 21:32

Tgt Ion: 130 Resp: 169046

Ion Ratio Lower Upper

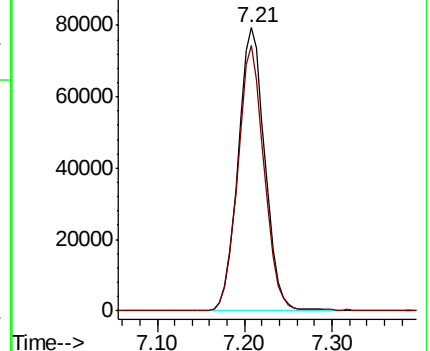
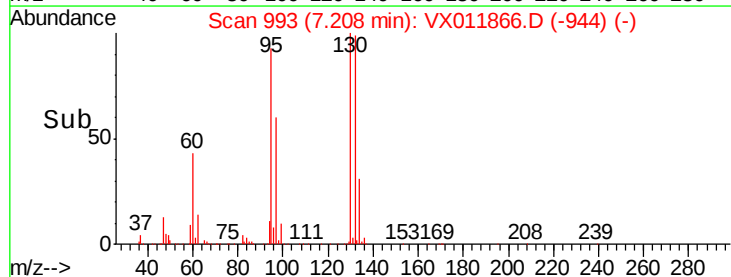
130 100

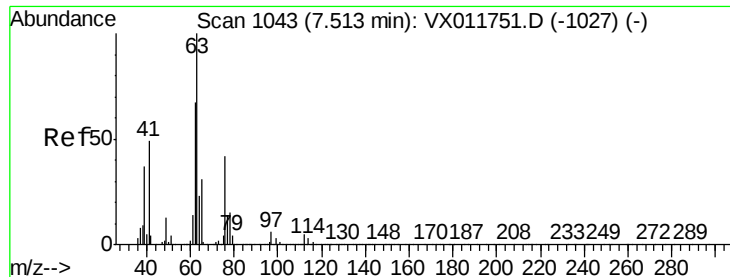
95 93.5 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

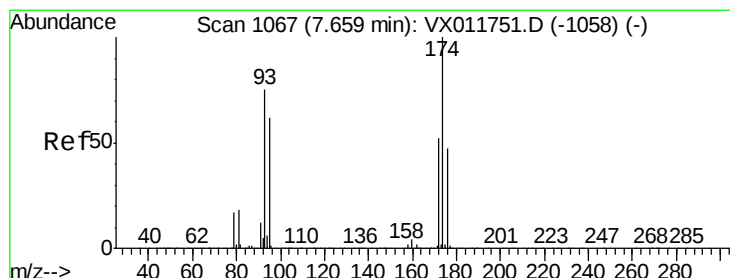
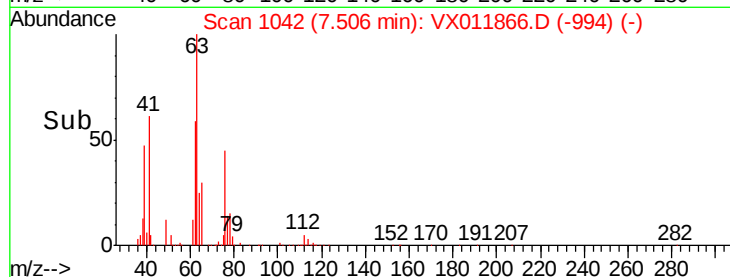
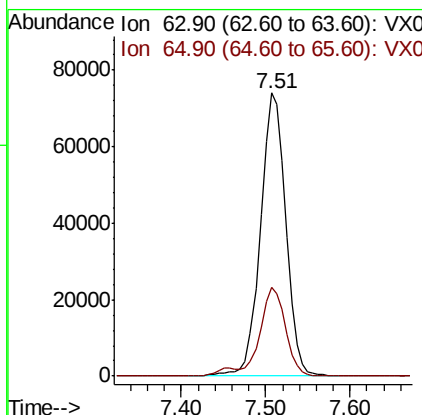
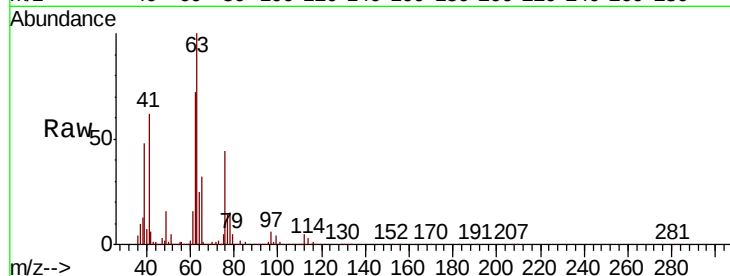




#45
 1,2-Dichloropropane
 Concen: 51.794 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

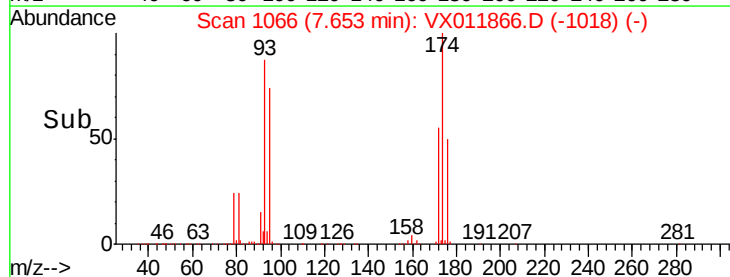
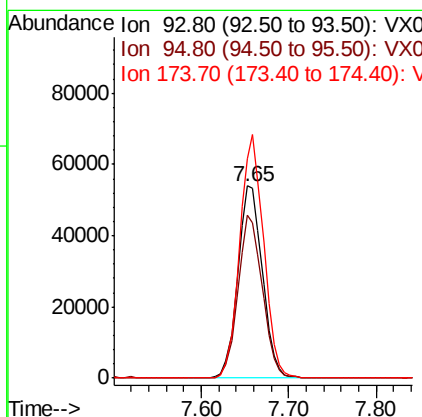
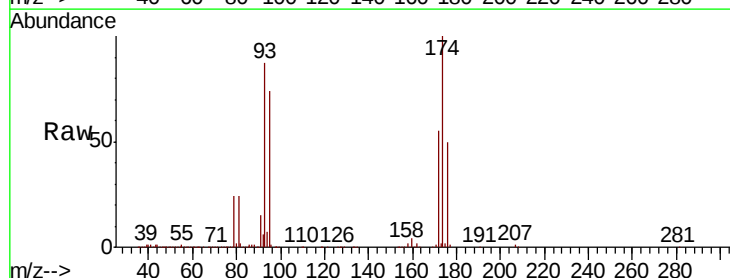
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

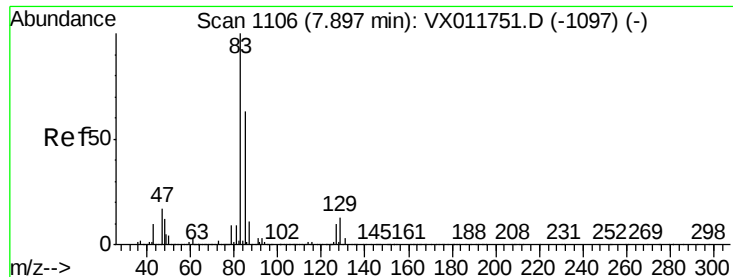
Tgt Ion: 63 Resp: 153704
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 48.394 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion: 93 Resp: 105882
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.2 99.2
 174 122.8 104.2 156.4





#47

Bromodichloromethane

Concen: 56.474 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

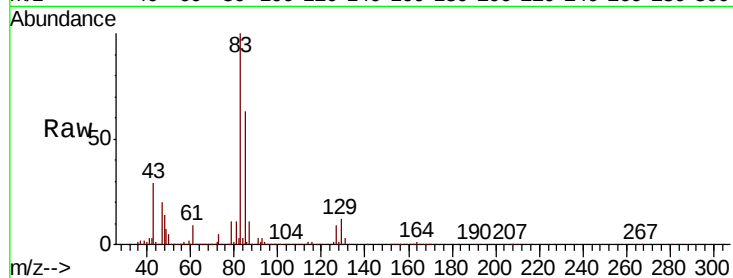
Tgt Ion: 83 Resp: 222424

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

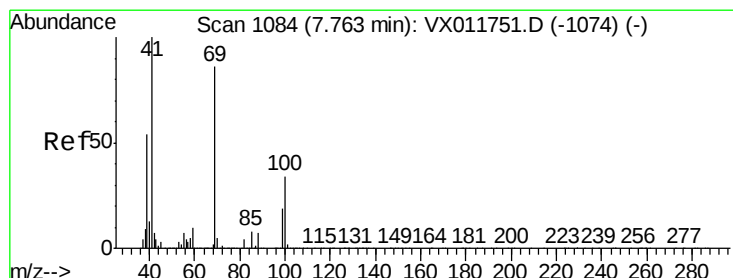
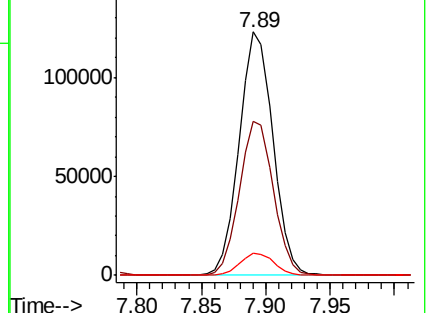
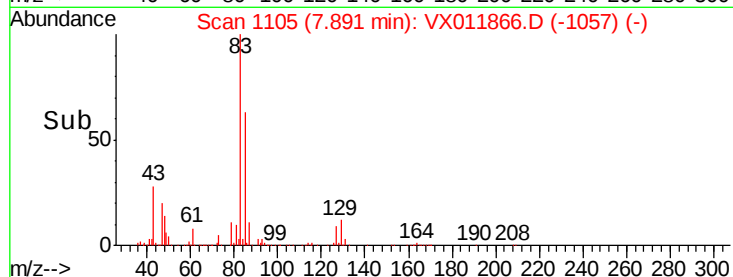
127 9.0 8.4 12.6



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: 61.178 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

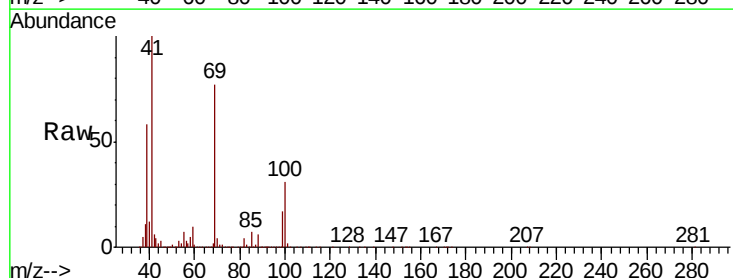
Tgt Ion: 41 Resp: 199031

Ion Ratio Lower Upper

41 100

69 78.4 69.4 104.2

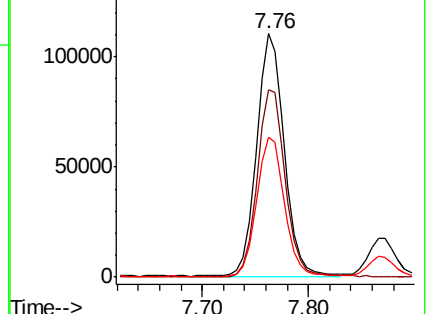
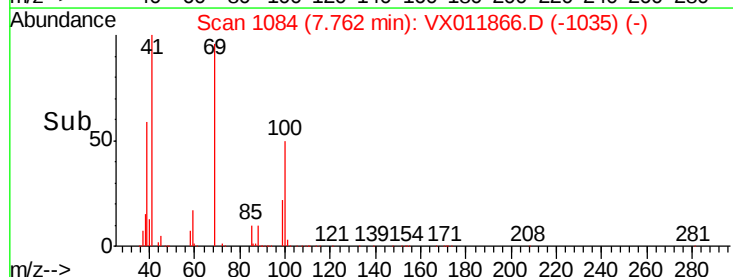
39 58.3 43.6 65.4

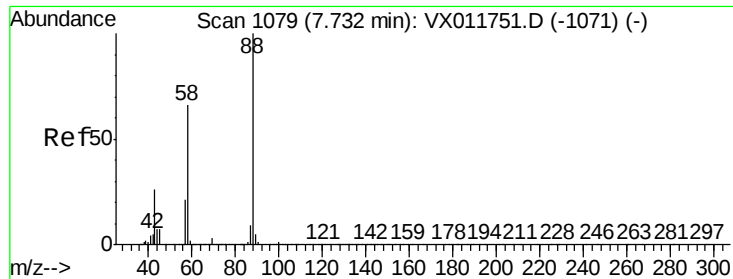


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

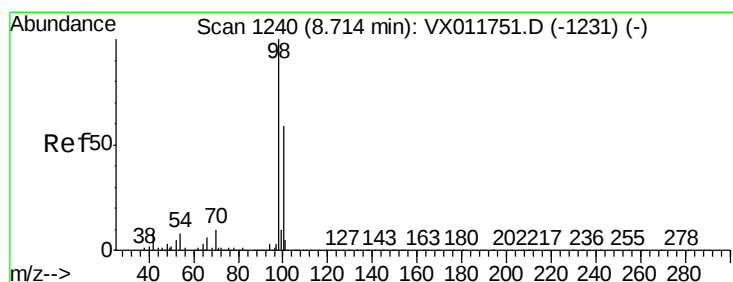
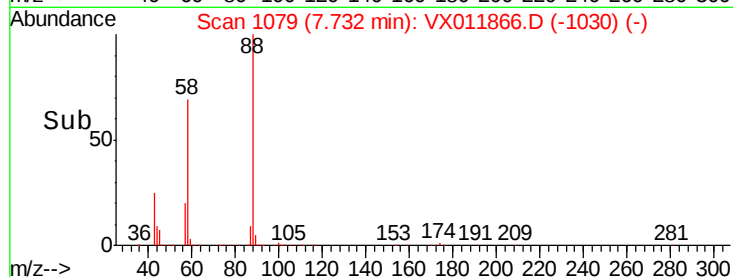
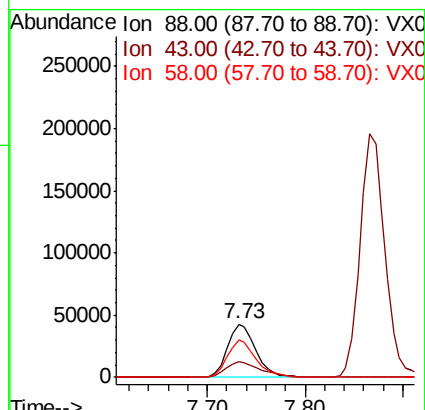
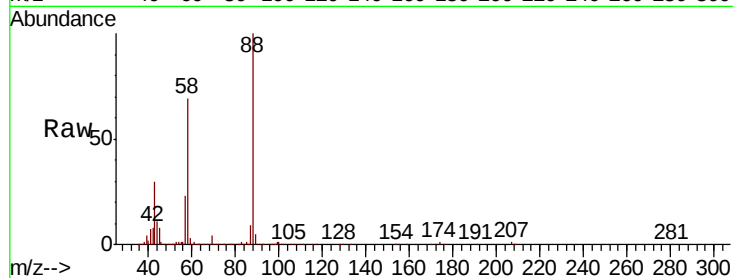




#49
1,4-Dioxane
Concen: 946.804 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

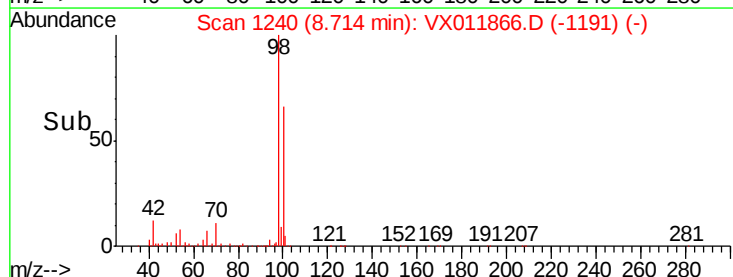
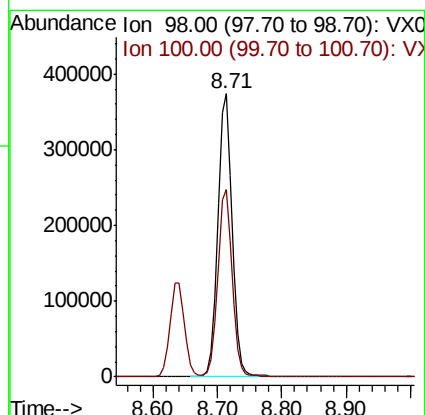
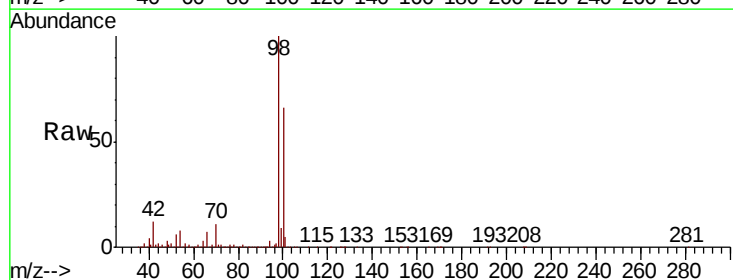
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

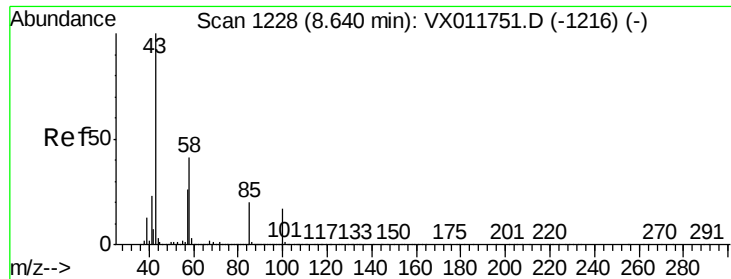
Tgt Ion: 88 Resp: 85344
Ion Ratio Lower Upper
88 100
43 34.0 24.6 37.0
58 70.5 51.4 77.2



#50
Toluene-d8
Concen: 53.553 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 98 Resp: 587881
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1

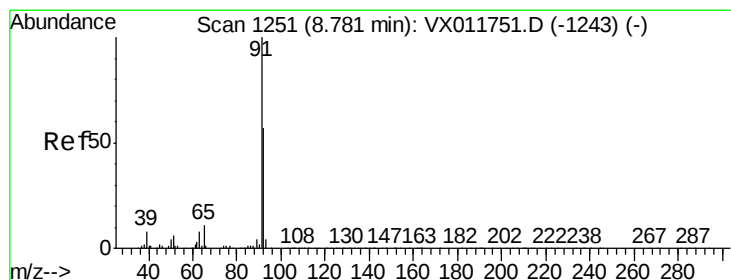
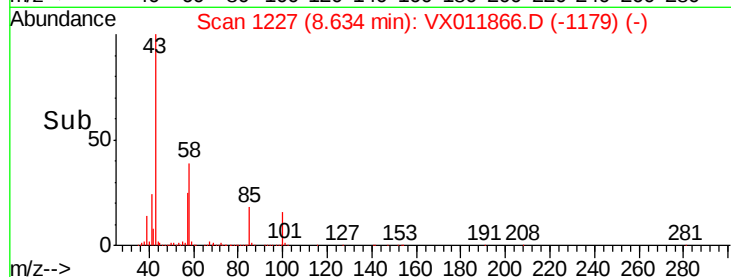
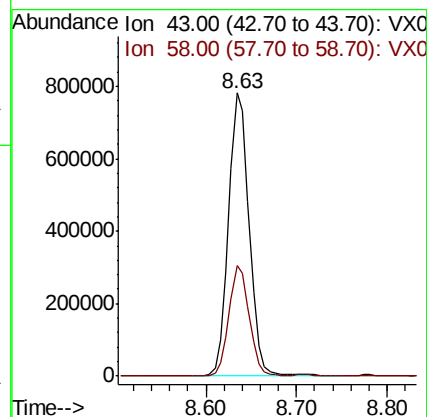
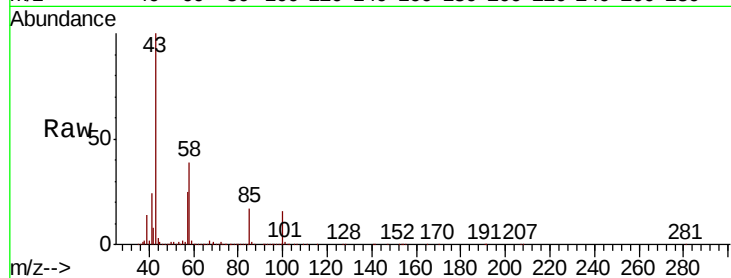




#51
 4-Methyl-2-Pentanone
 Concen: 287.700 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

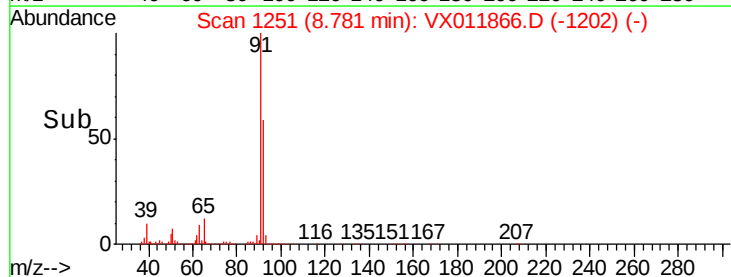
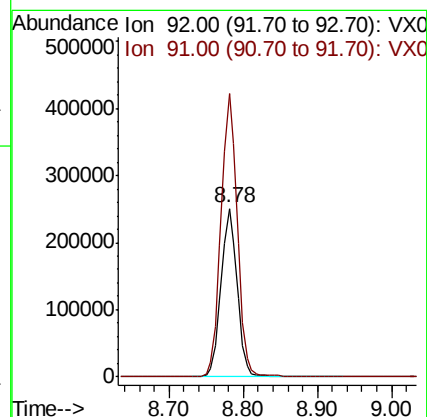
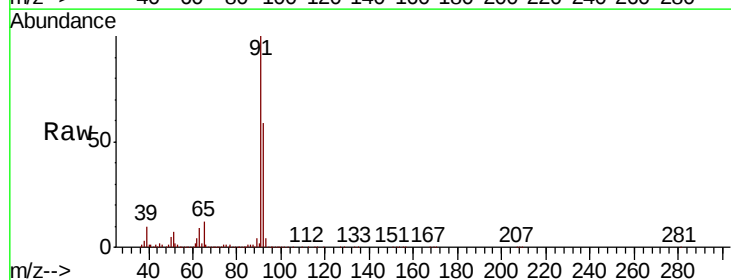
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

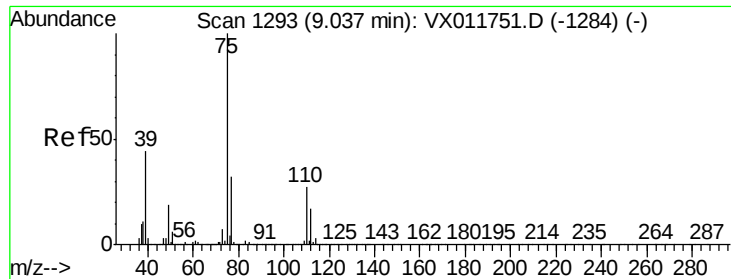
Tgt Ion: 43 Resp: 1239259
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.8 47.6



#52
 Toluene
 Concen: 48.888 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion: 92 Resp: 373516
 Ion Ratio Lower Upper
 92 100
 91 170.6 138.6 207.8

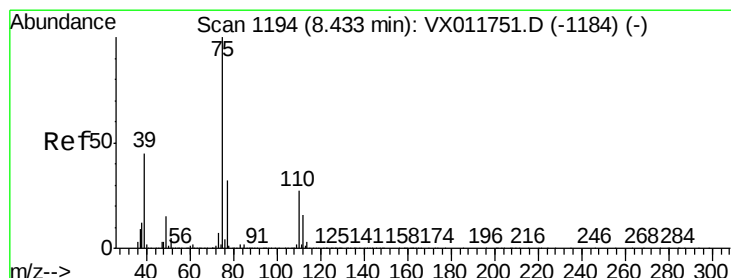
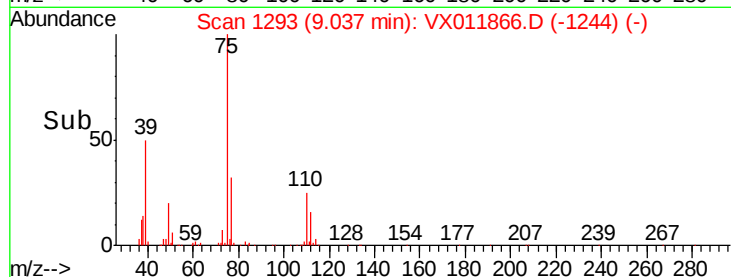
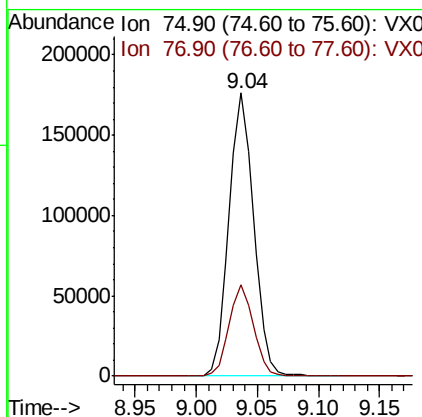
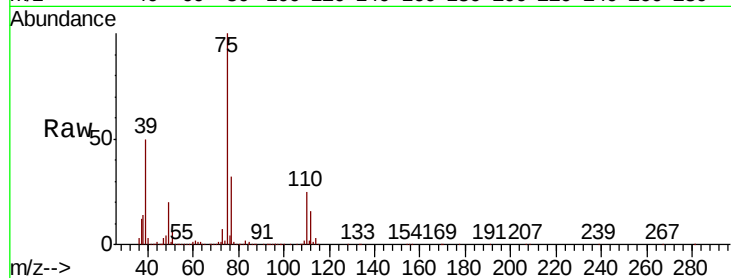




#53
t-1,3-Dichloropropene
Concen: 59.701 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

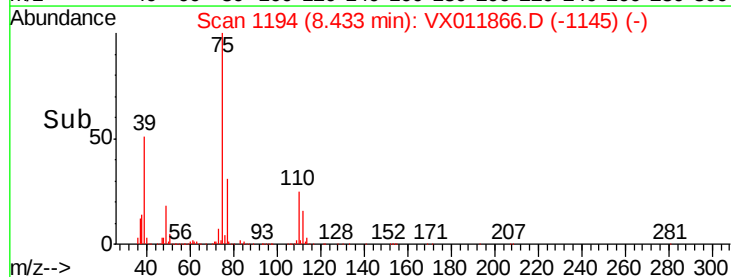
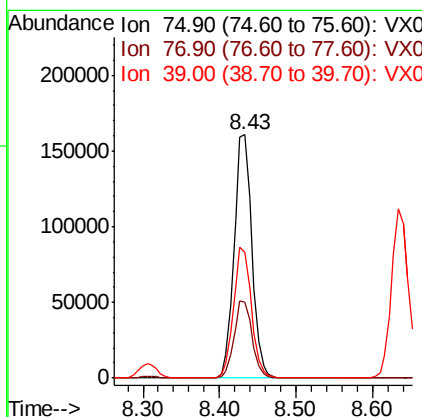
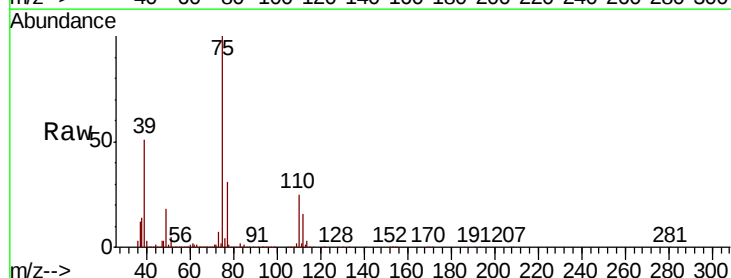
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

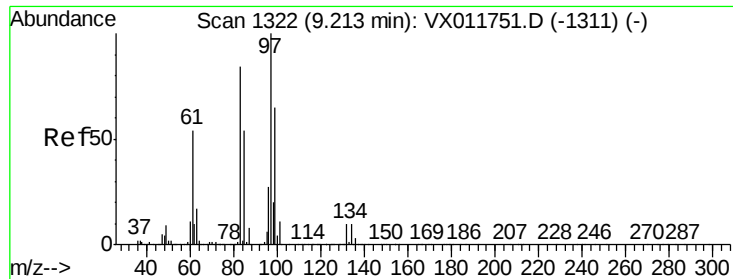
Tgt Ion: 75 Resp: 246839
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.519 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 75 Resp: 259442
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 51.3 36.2 54.4

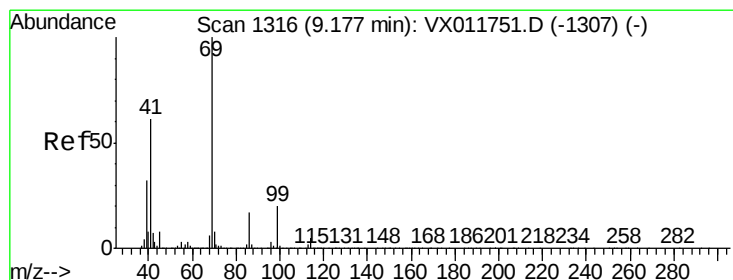
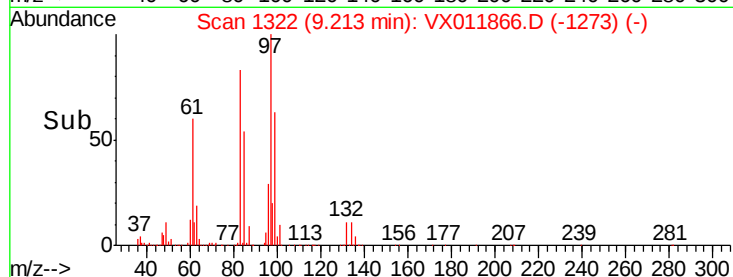
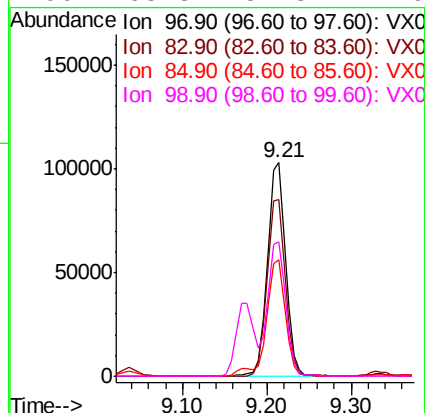
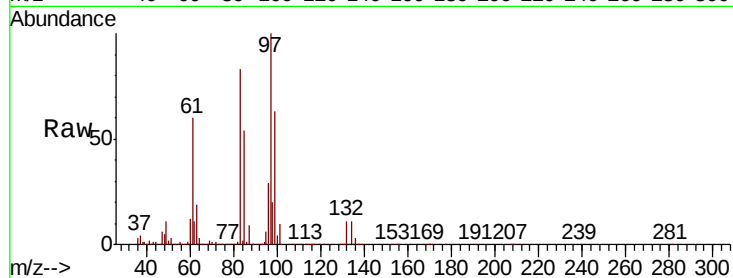




#55
 1,1,2-Trichloroethane
 Concen: 48.272 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

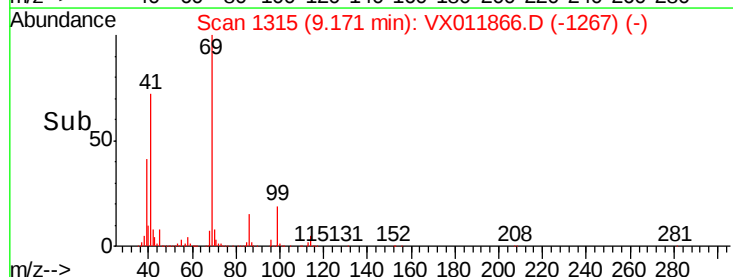
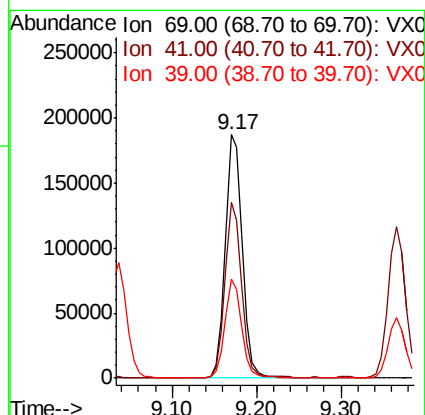
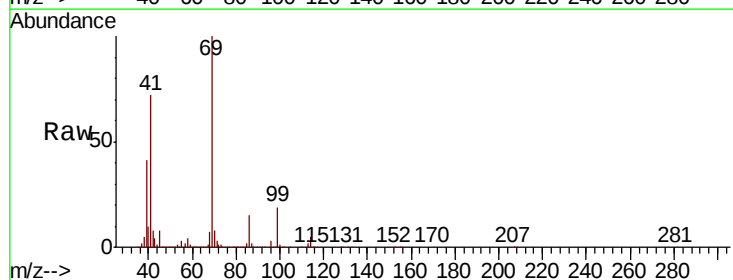
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

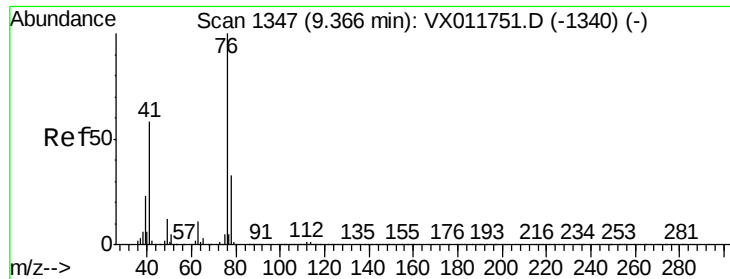
Tgt Ion:	97	Resp:	153655
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	54.2	43.4	65.2
99	63.3	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 58.154 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion:	69	Resp:	263258
Ion	Ratio	Lower	Upper
69	100		
41	70.2	50.7	76.1
39	39.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 50.284 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

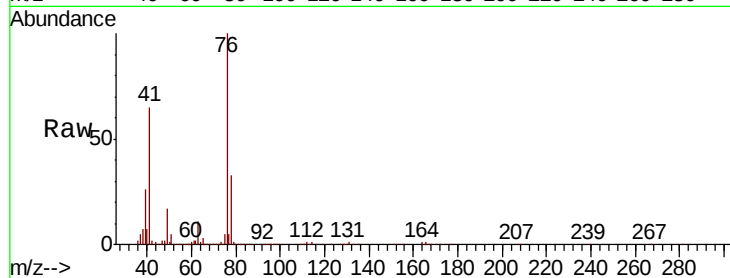
VSTDCCC050EC

Tgt Ion: 76 Resp: 258450

Ion Ratio Lower Upper

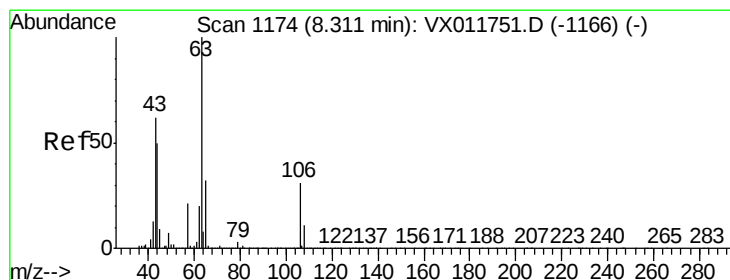
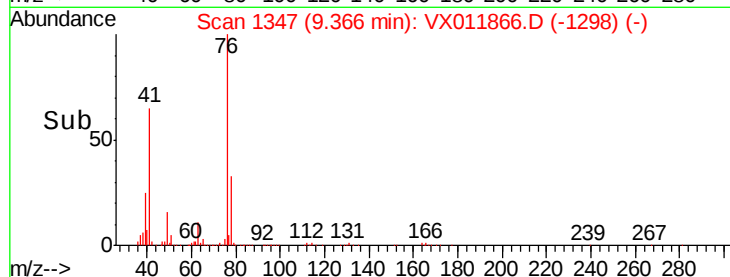
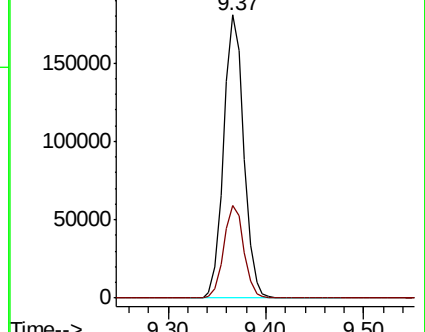
76 100

78 32.7 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 284.659 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011866.D

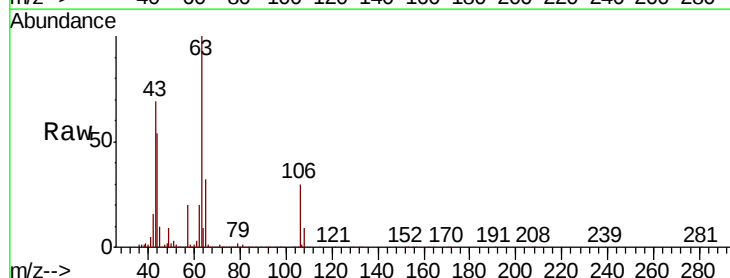
Acq: 27 Aug 2019 21:32

Tgt Ion: 63 Resp: 677870

Ion Ratio Lower Upper

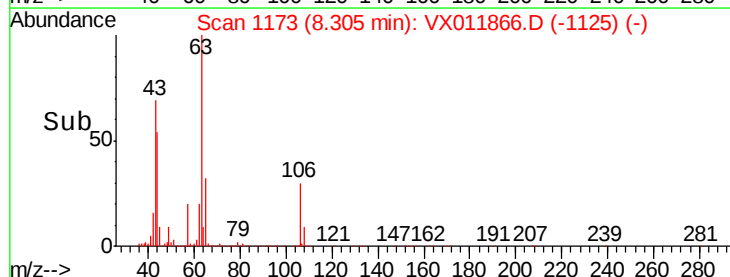
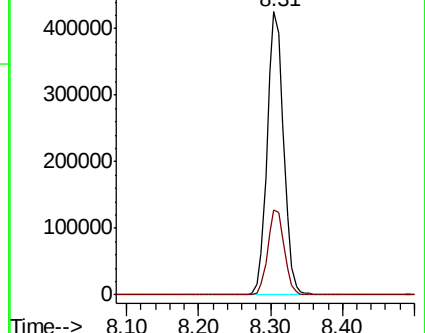
63 100

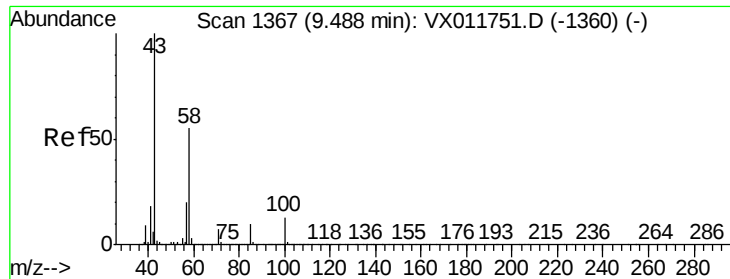
106 30.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

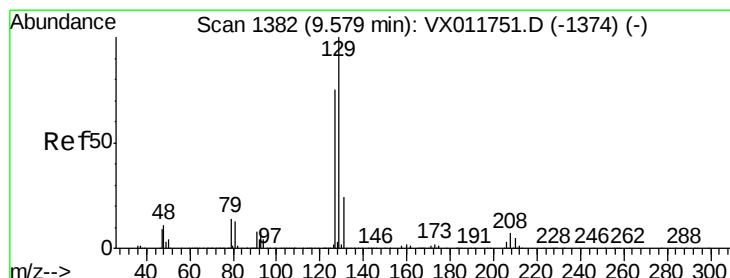
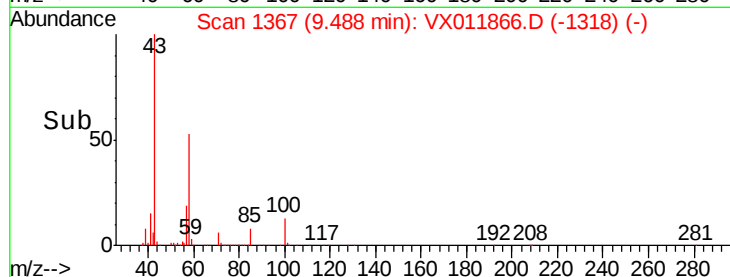
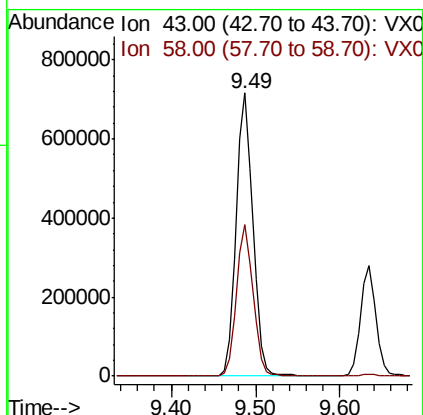
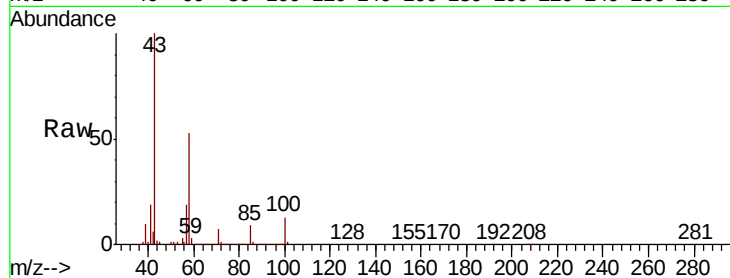




#59
2-Hexanone
Concen: 289.950 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

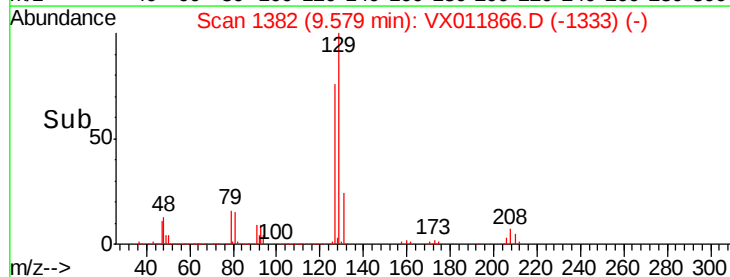
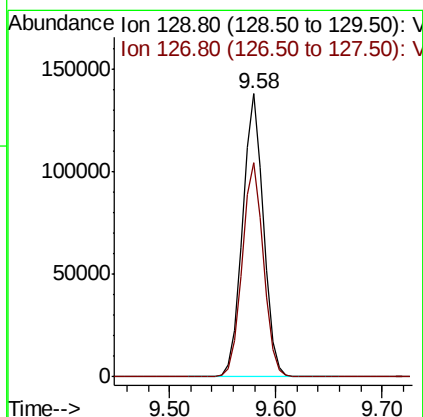
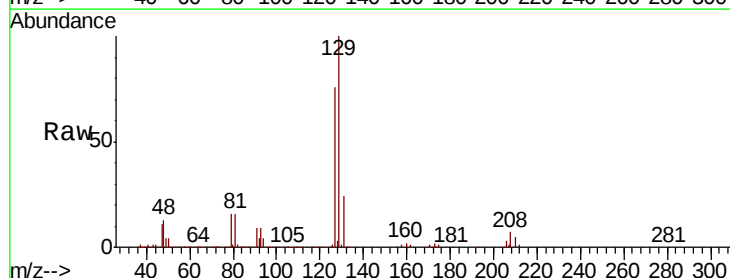
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

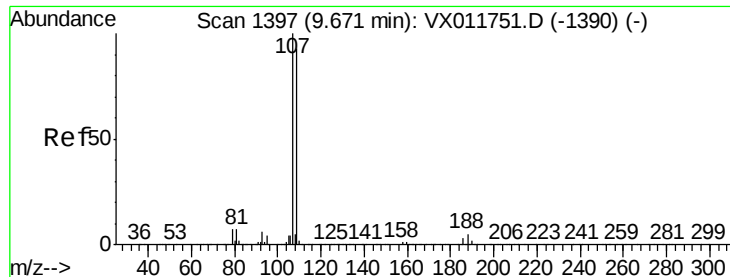
Tgt Ion: 43 Resp: 958605
Ion Ratio Lower Upper
43 100
58 53.1 27.7 83.1



#60
Dibromochloromethane
Concen: 55.424 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 129 Resp: 190748
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.189 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

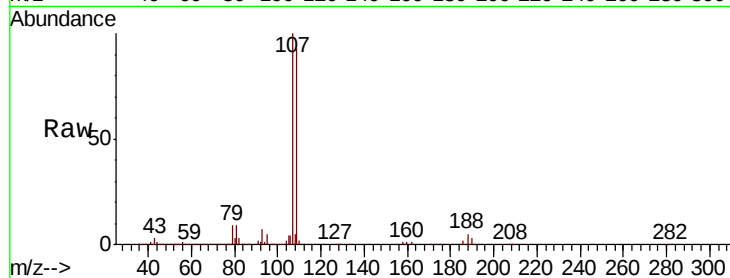
VSTDCCC050EC

Tgt Ion: 107 Resp: 168003

Ion Ratio Lower Upper

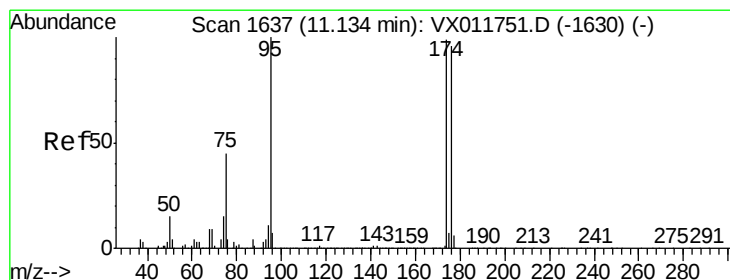
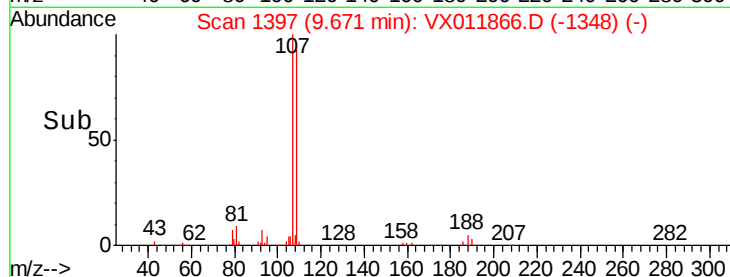
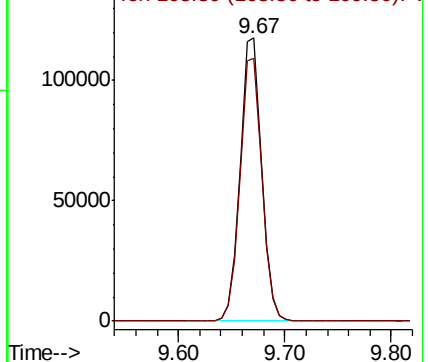
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.619 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

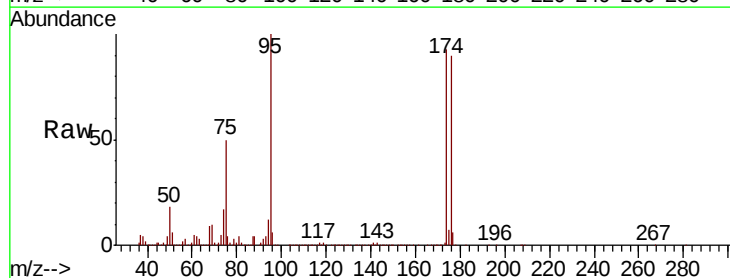
Tgt Ion: 95 Resp: 228315

Ion Ratio Lower Upper

95 100

174 93.0 0.0 197.4

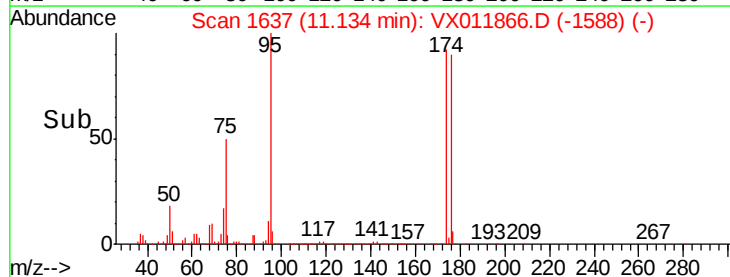
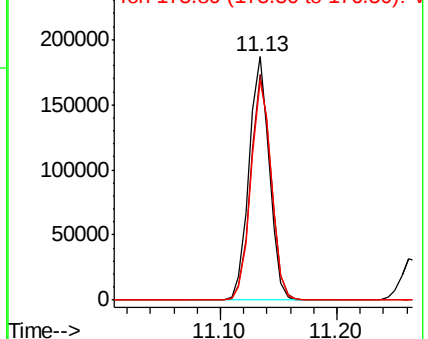
176 90.6 0.0 194.4

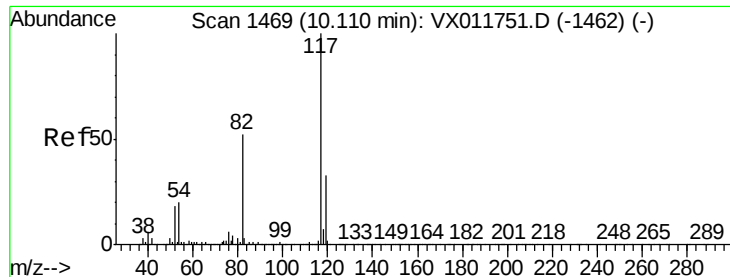


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

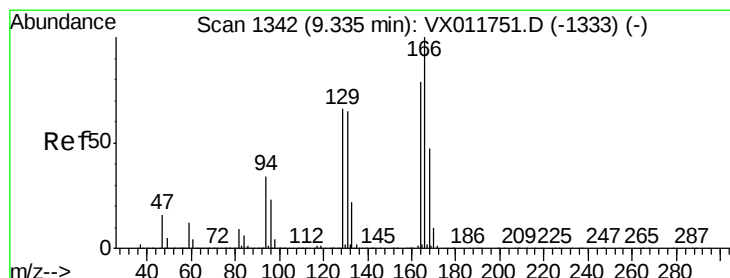
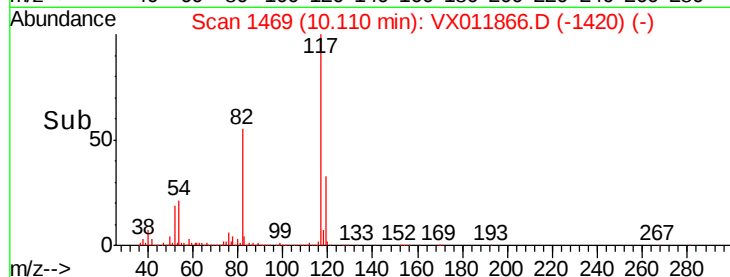
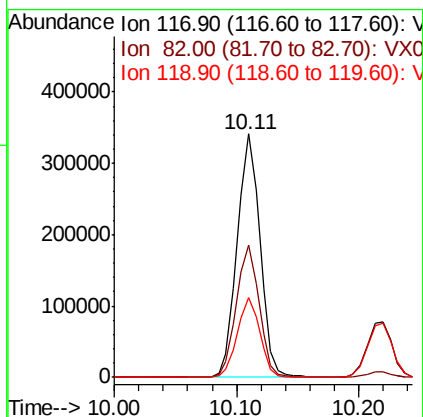
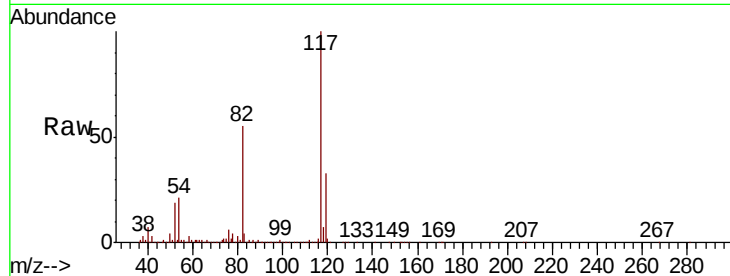




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

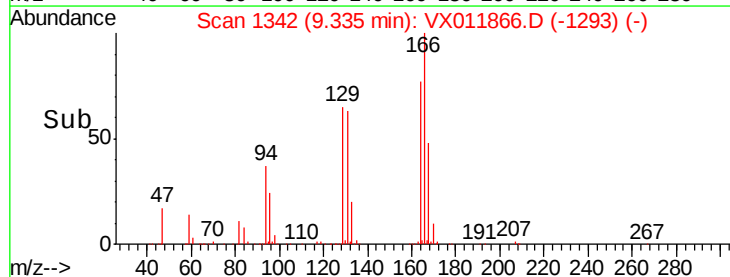
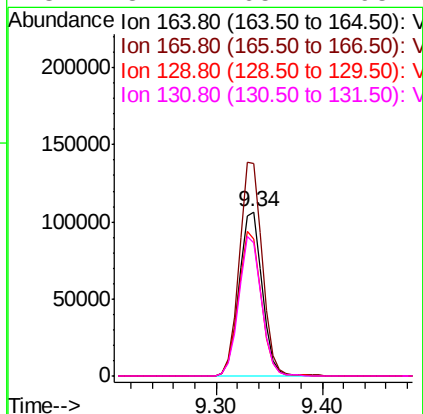
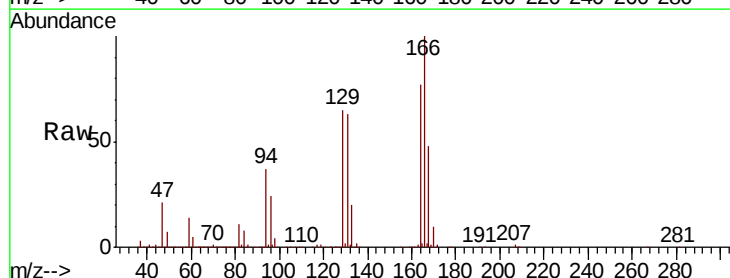
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

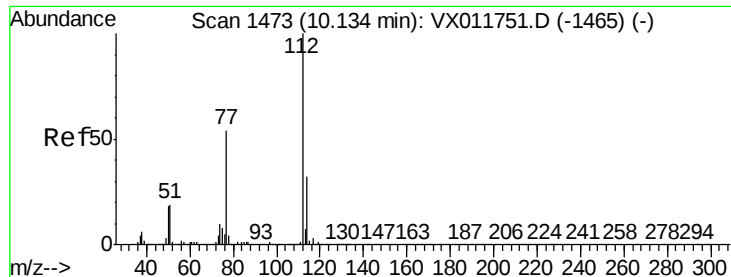
Tgt Ion:117 Resp: 440043
Ion Ratio Lower Upper
117 100
82 54.5 41.7 62.5
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 46.142 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:164 Resp: 161984
Ion Ratio Lower Upper
164 100
166 129.6 100.7 151.1
129 84.0 66.8 100.2
131 81.4 65.4 98.2

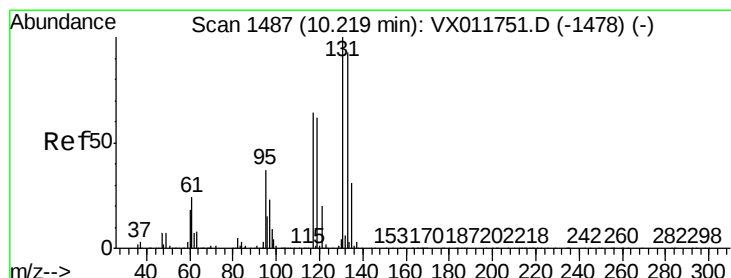
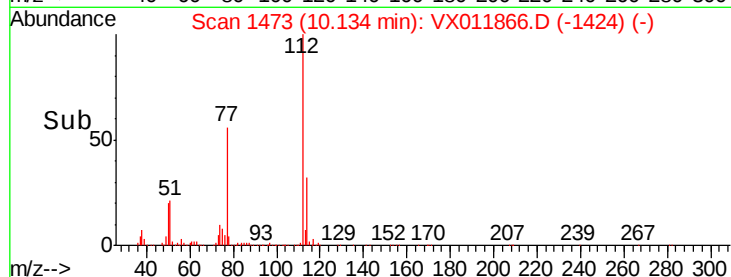
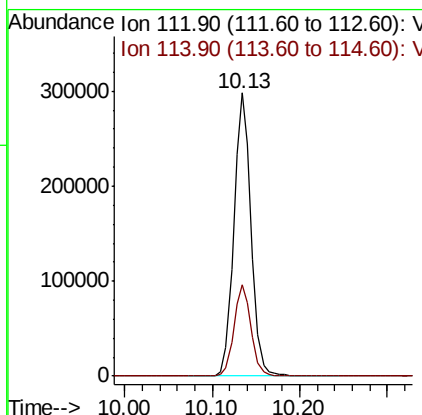
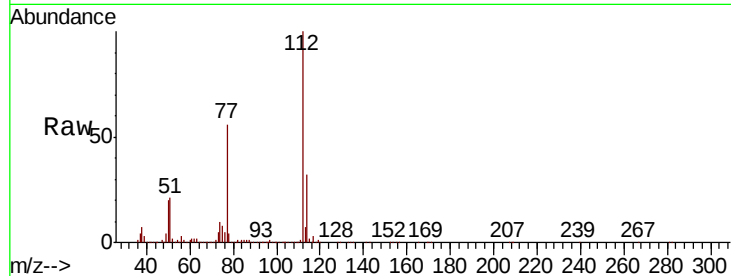




#65
Chlorobenzene
Concen: 47.529 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

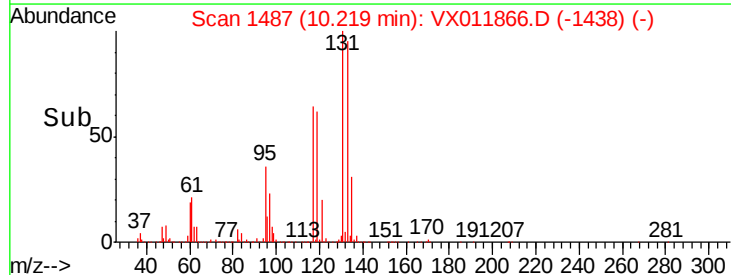
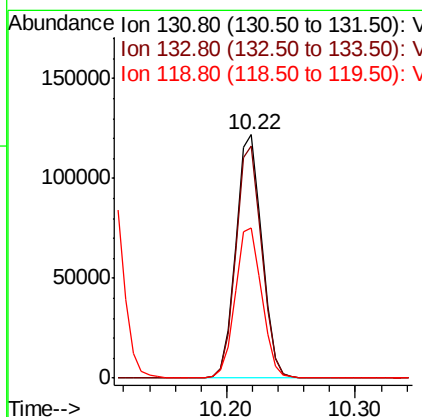
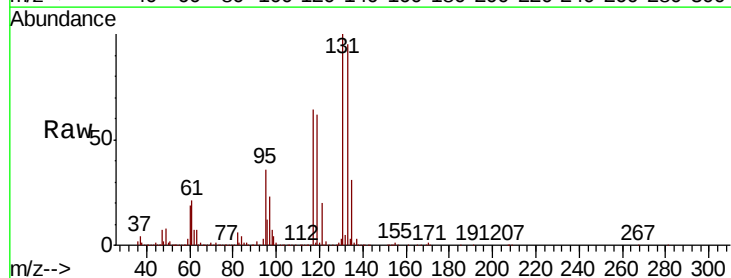
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

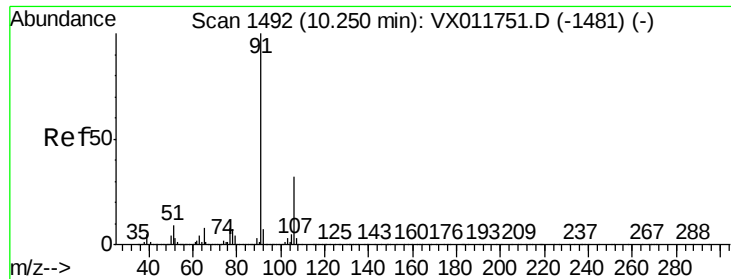
Tgt Ion:112 Resp: 408330
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.223 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:131 Resp: 171317
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 62.7 31.3 93.8

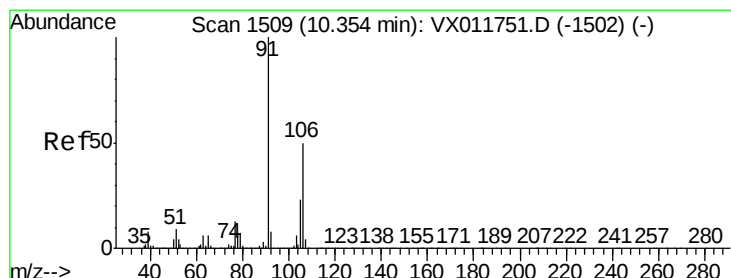
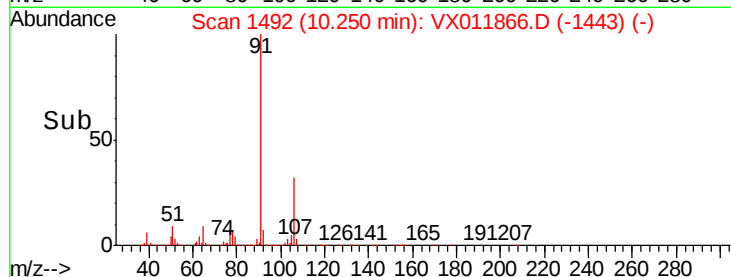
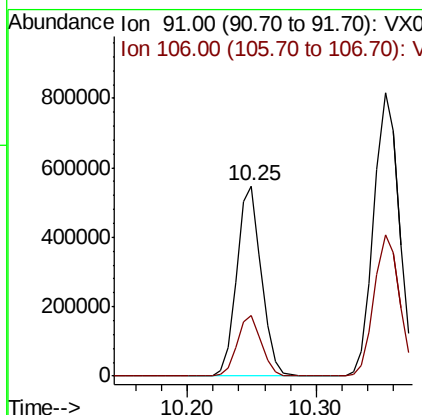
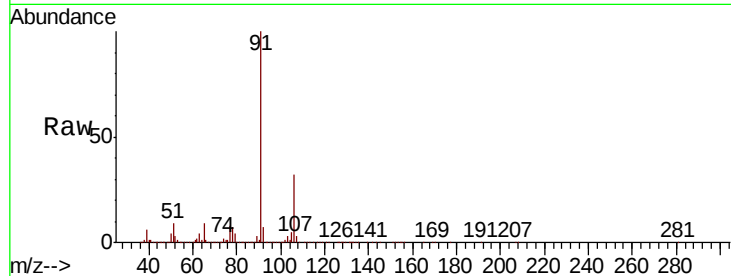




#67
Ethyl Benzene
Concen: 50.379 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

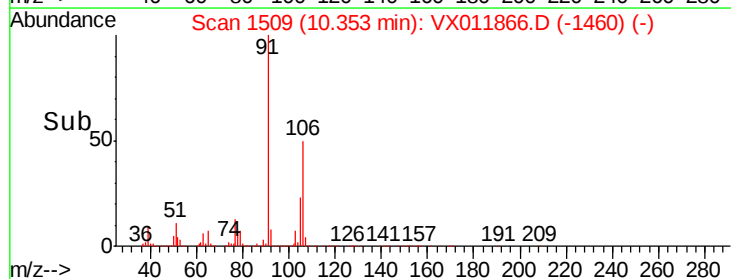
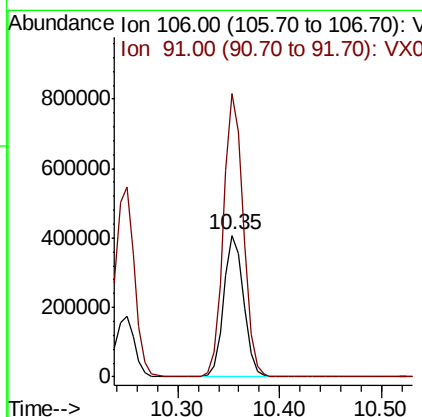
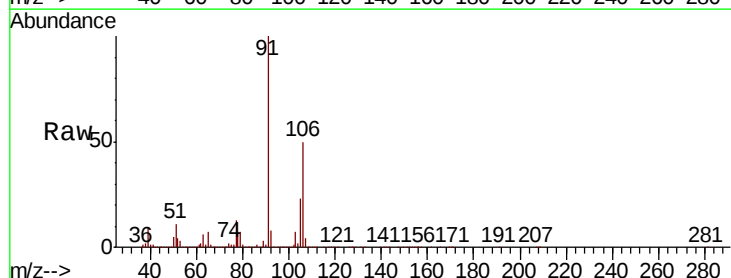
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

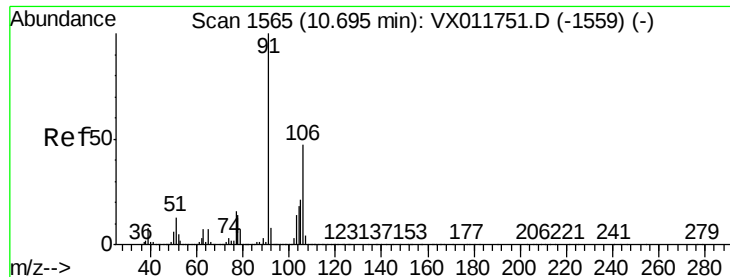
Tgt Ion: 91 Resp: 723280
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 99.591 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 106 Resp: 551309
Ion Ratio Lower Upper
106 100
91 199.7 158.3 237.5

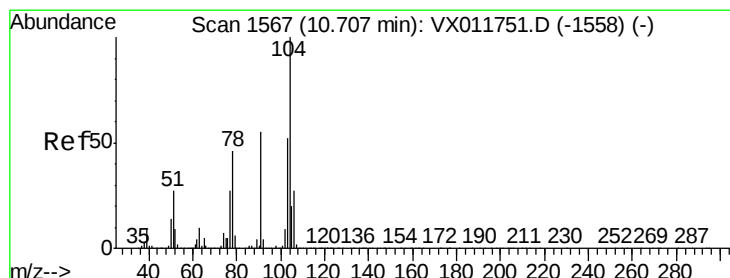
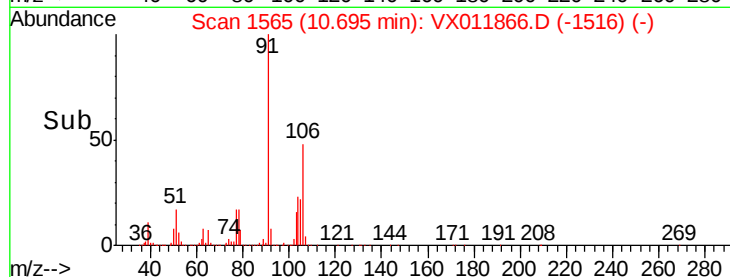
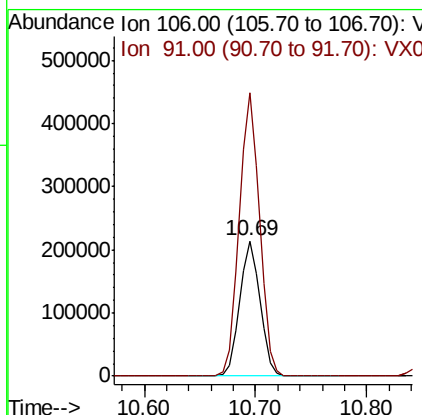
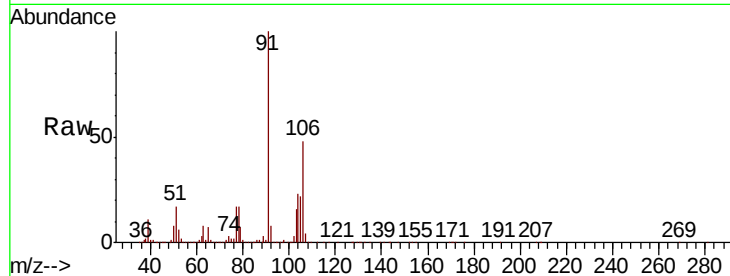




#69
o-Xylene
Concen: 49.774 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

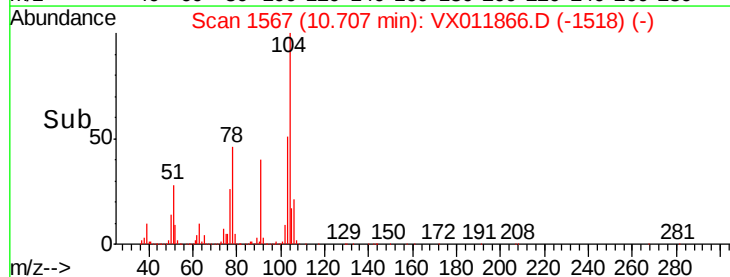
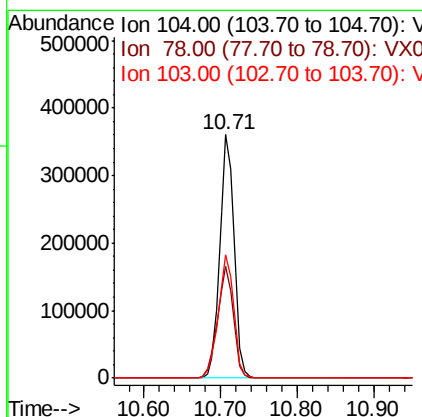
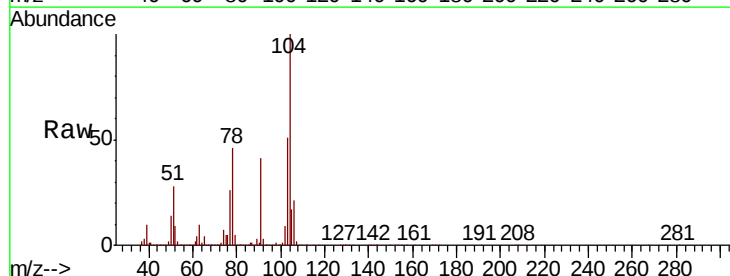
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

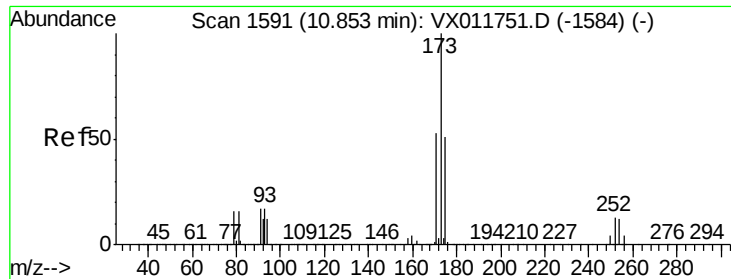
Tgt Ion:106 Resp: 270525
Ion Ratio Lower Upper
106 100
91 210.1 105.0 314.9



#70
Styrene
Concen: 51.408 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:104 Resp: 467405
Ion Ratio Lower Upper
104 100
78 50.4 39.2 58.8
103 54.5 44.5 66.7

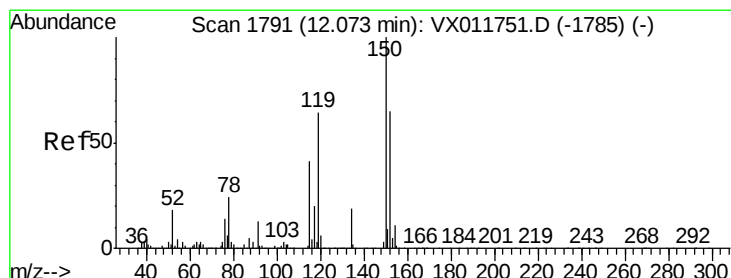
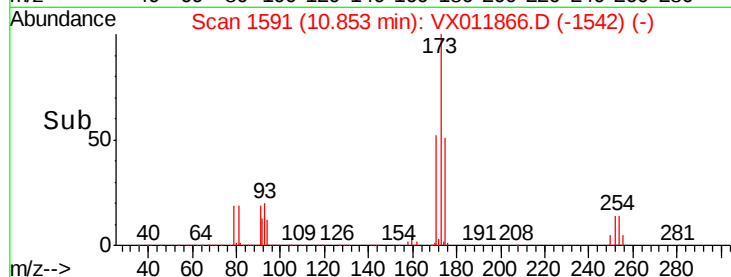
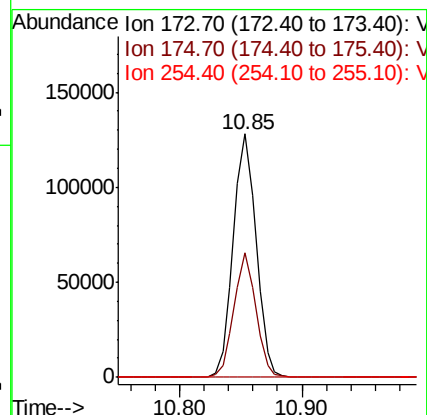
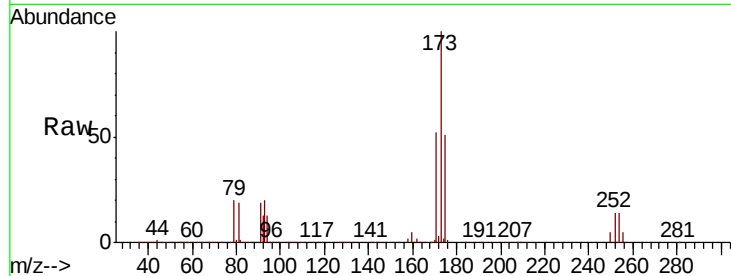




#71
Bromoform
Concen: 59.515 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

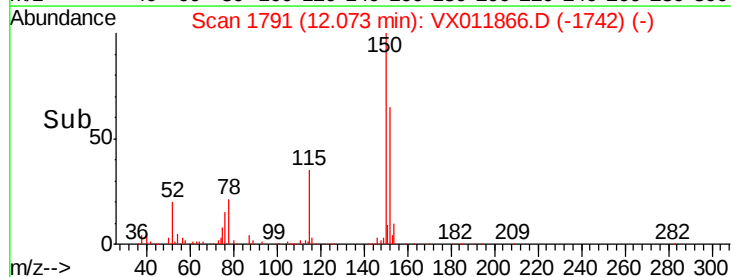
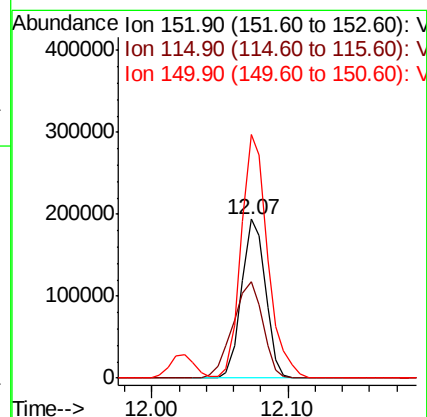
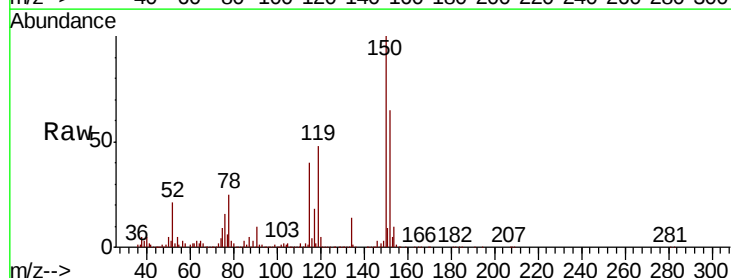
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

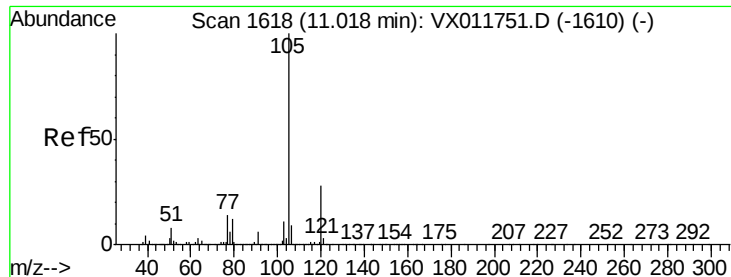
Tgt Ion:173 Resp: 165259
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.3
254 0.2 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:152 Resp: 237142
Ion Ratio Lower Upper
152 100
115 75.3 37.3 111.8
150 169.6 0.0 343.0





#73

Isopropylbenzene

Concen: 50.662 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

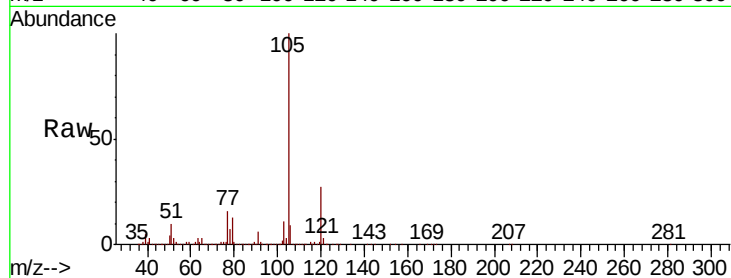
VSTDCCC050EC

Tgt Ion: 105 Resp: 724005

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

500000

400000

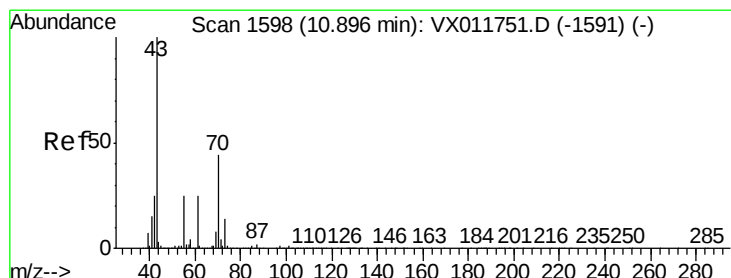
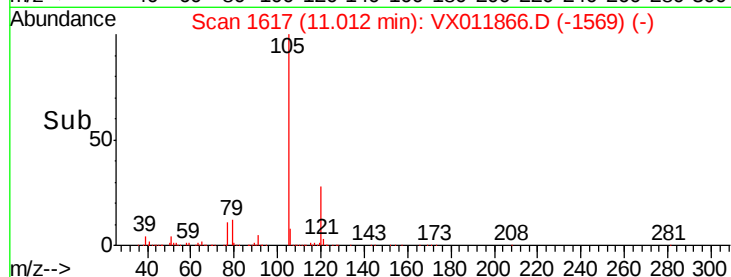
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 65.212 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion: 43 Resp: 360805

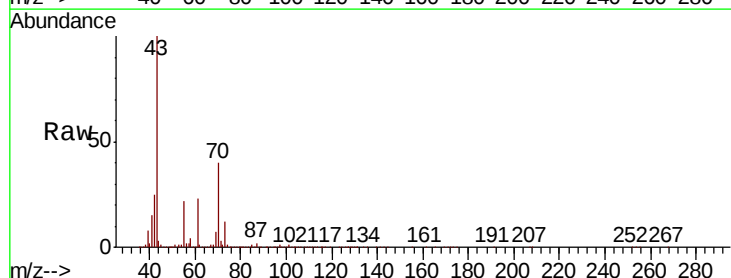
Ion Ratio Lower Upper

43 100

70 41.0 34.8 52.2

55 22.1 19.5 29.3

61 23.9 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

400000

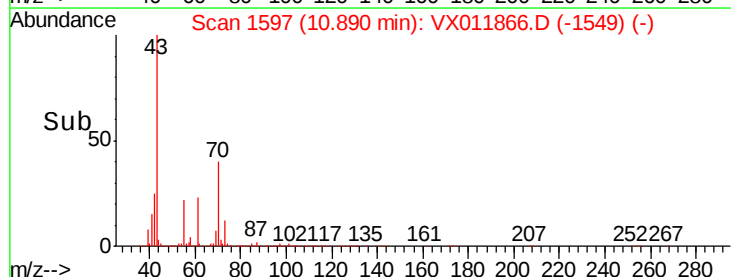
300000

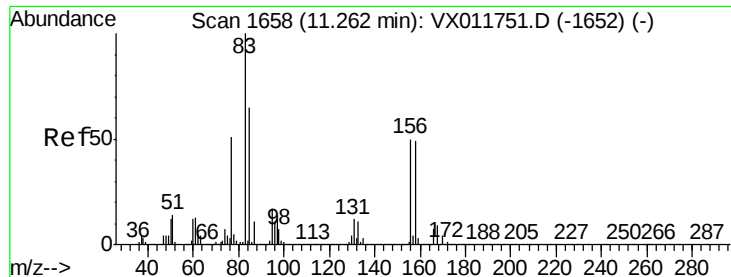
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.054 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

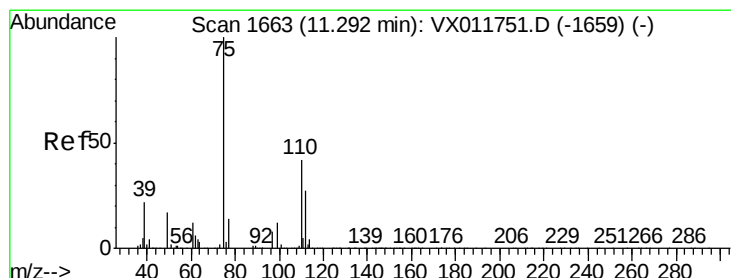
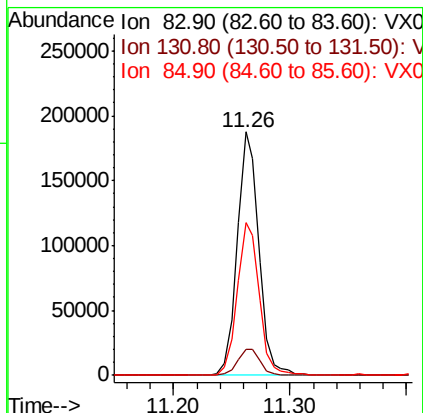
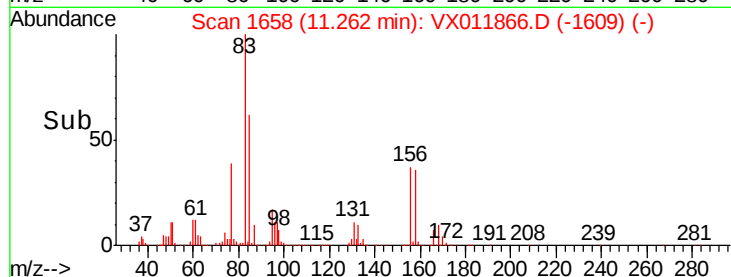
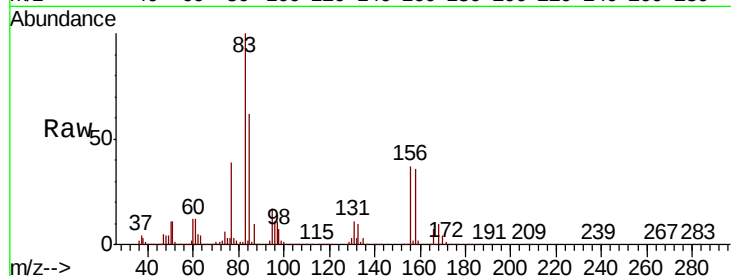
Tgt Ion: 83 Resp: 241502

Ion Ratio Lower Upper

83 100

131 11.3 6.1 18.3

85 63.9 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 70.755 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011866.D

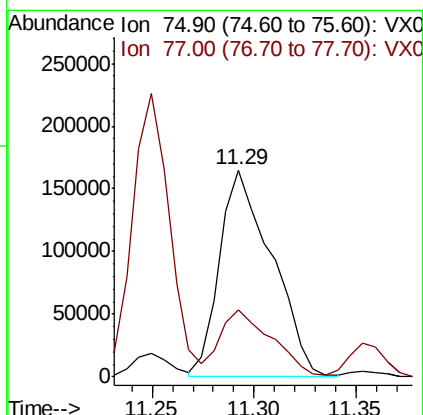
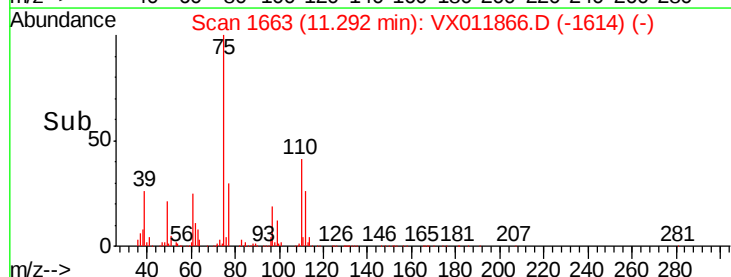
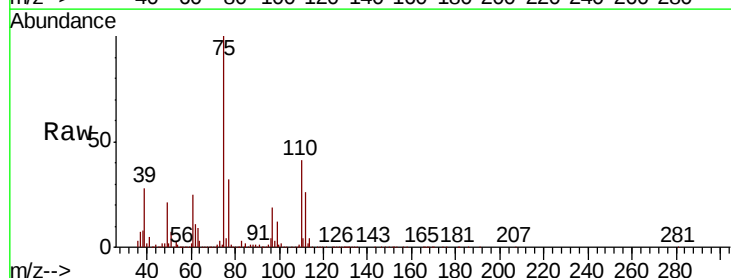
Acq: 27 Aug 2019 21:32

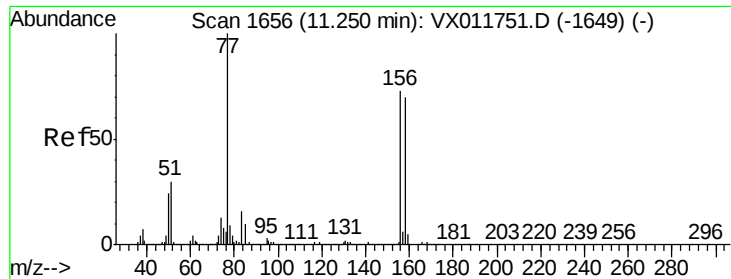
Tgt Ion: 75 Resp: 294420

Ion Ratio Lower Upper

75 100

77 31.6 21.1 63.3





#77

Bromobenzene

Concen: 48.045 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

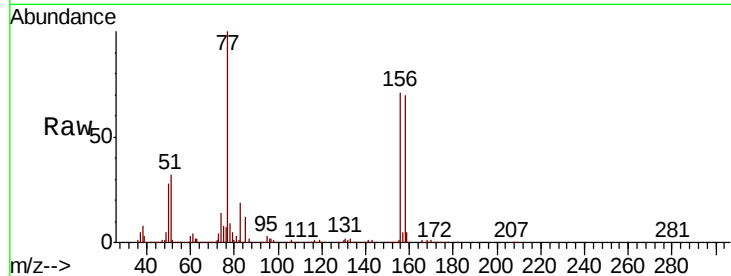
Tgt Ion: 156 Resp: 202418

Ion Ratio Lower Upper

156 100

77 141.4 65.3 196.0

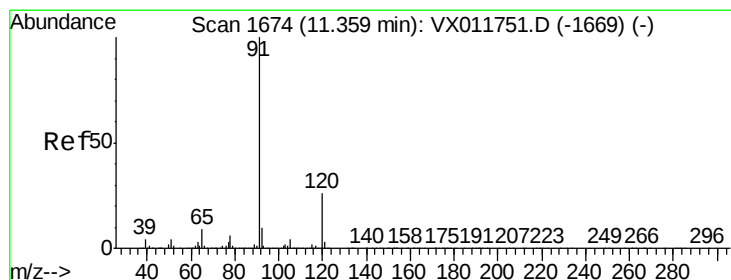
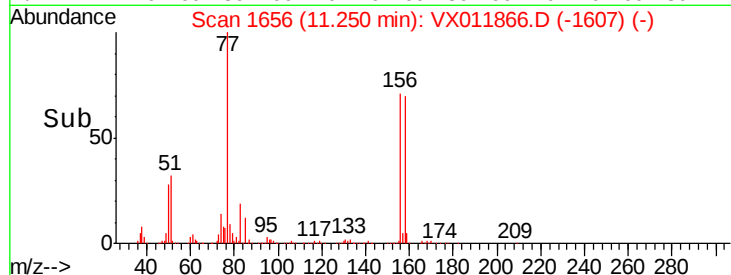
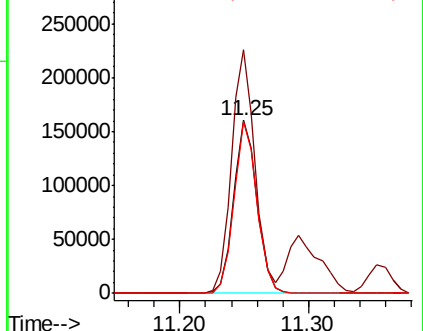
158 97.5 48.4 145.0



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: 52.517 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011866.D

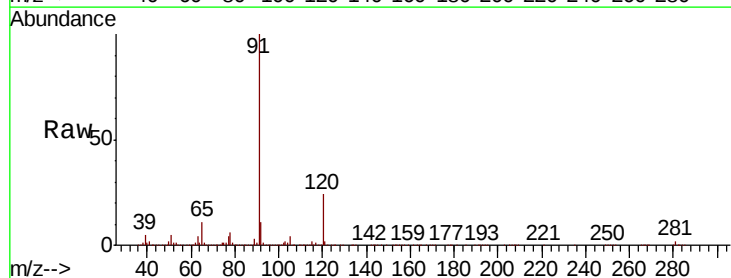
Acq: 27 Aug 2019 21:32

Tgt Ion: 91 Resp: 802518

Ion Ratio Lower Upper

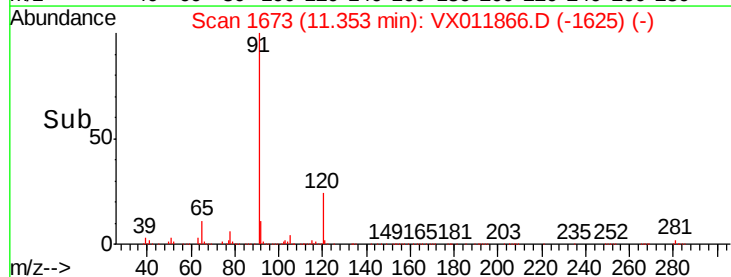
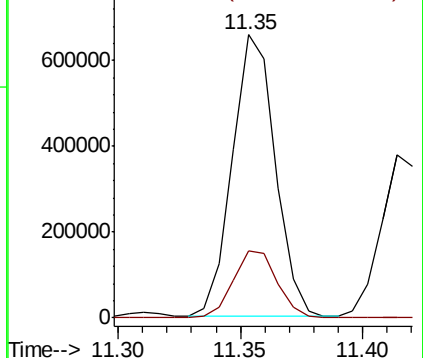
91 100

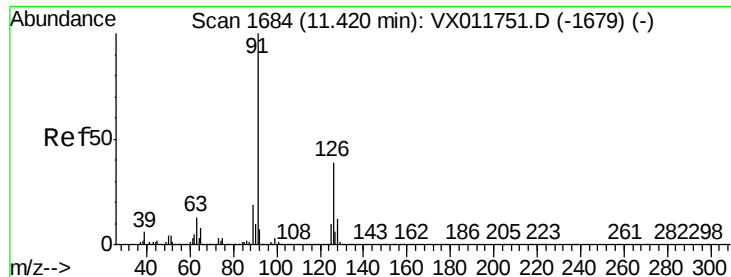
120 24.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.821 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

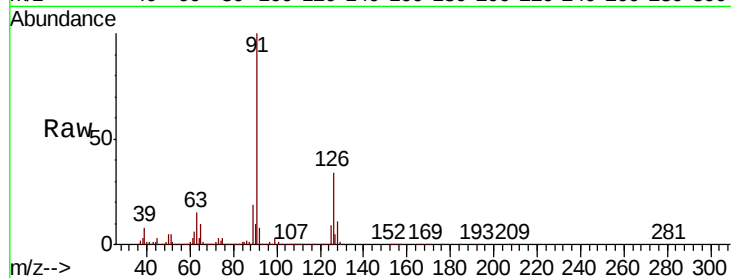
VSTDCCC050EC

Tgt Ion: 91 Resp: 483153

Ion Ratio Lower Upper

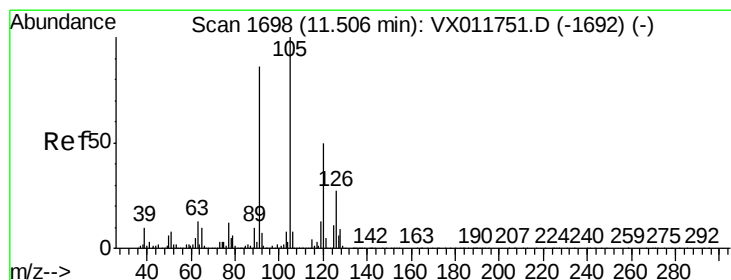
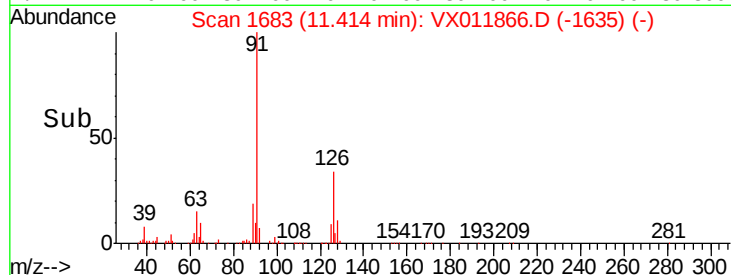
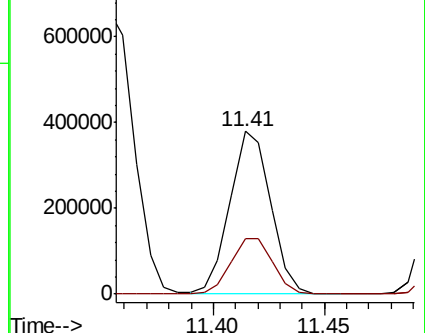
91 100

126 35.5 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.483 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011866.D

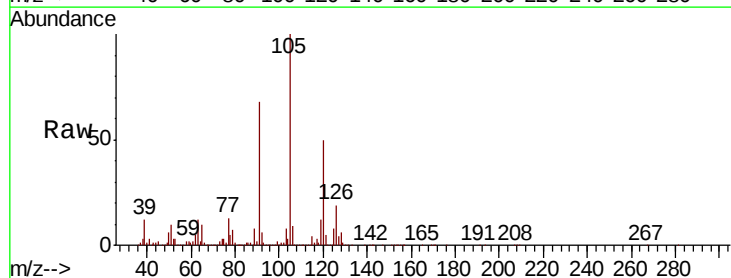
Acq: 27 Aug 2019 21:32

Tgt Ion: 105 Resp: 613868

Ion Ratio Lower Upper

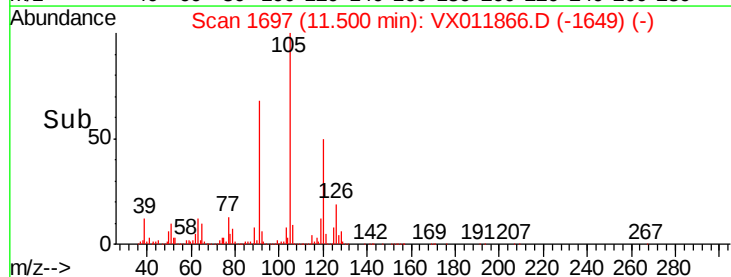
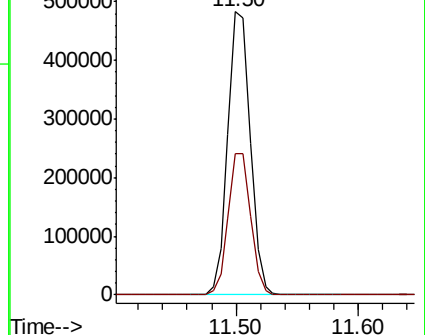
105 100

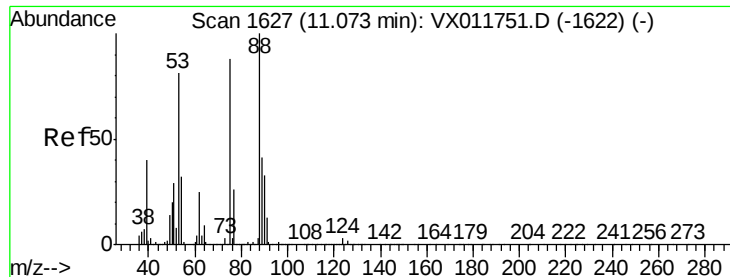
120 50.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.359 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

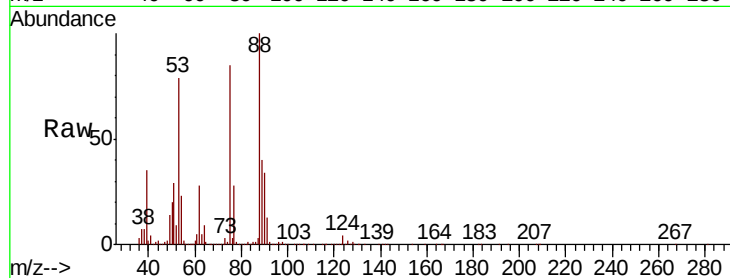
Tgt Ion: 75 Resp: 88801

Ion Ratio Lower Upper

75 100

53 94.6 77.1 115.7

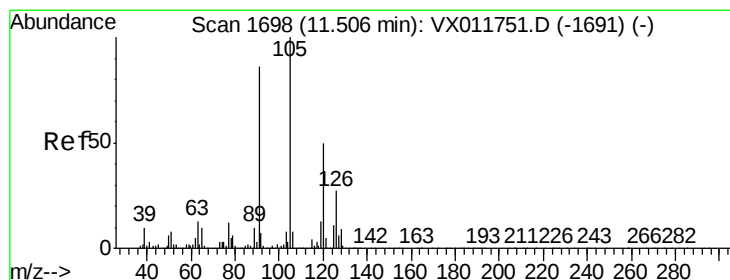
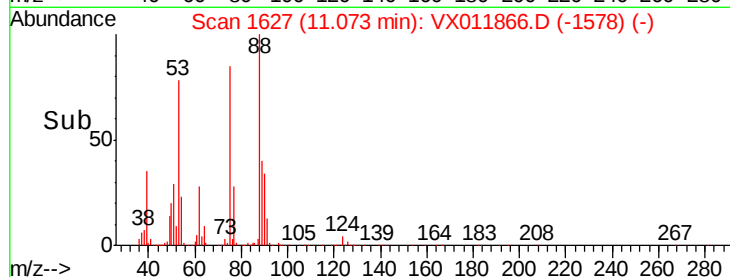
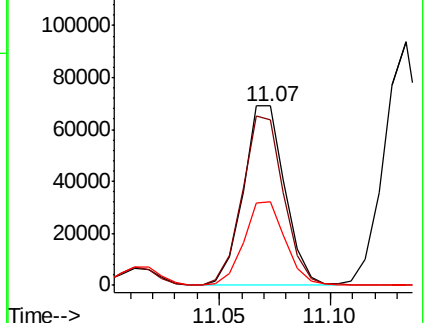
89 47.0 38.5 57.7



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: 51.638 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011866.D

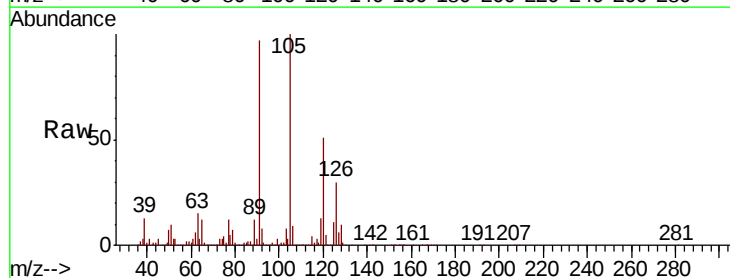
Acq: 27 Aug 2019 21:32

Tgt Ion: 91 Resp: 565873

Ion Ratio Lower Upper

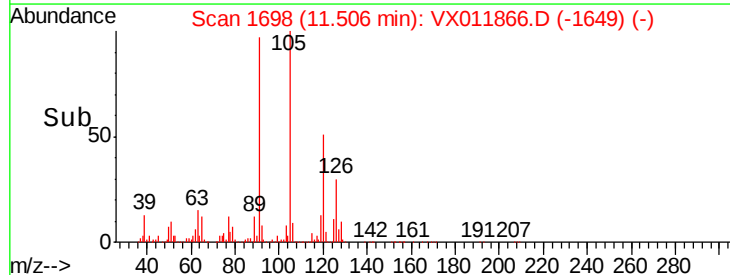
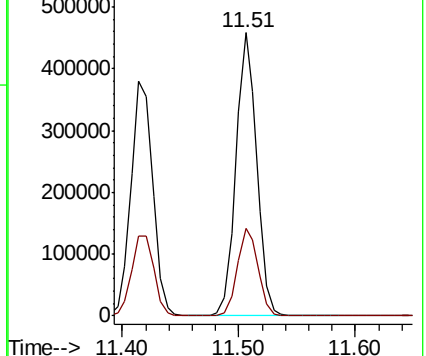
91 100

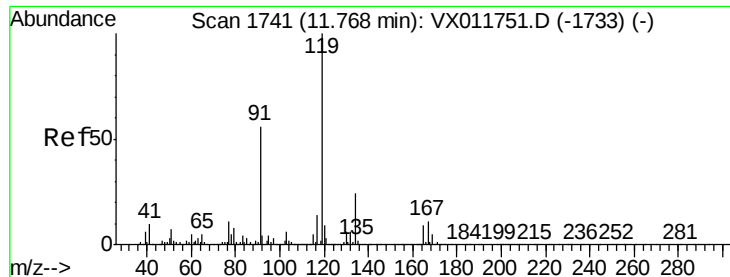
126 31.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.503 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

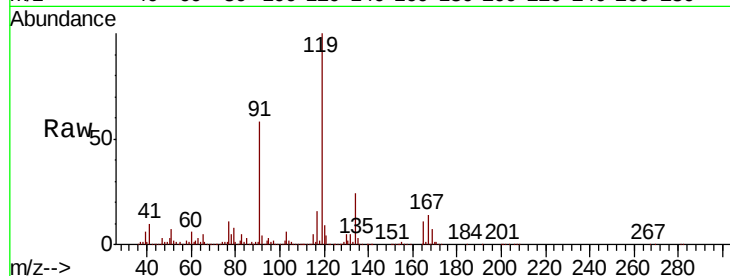
Tgt Ion:119 Resp: 629424

Ion Ratio Lower Upper

119 100

91 56.3 27.7 83.1

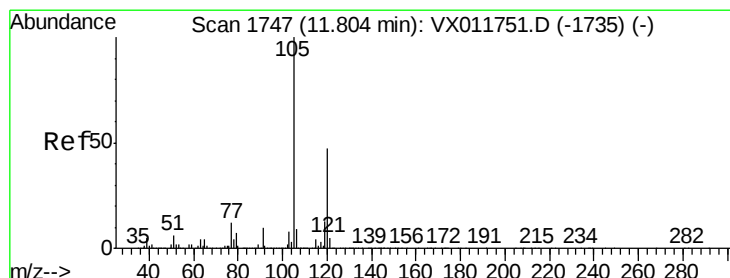
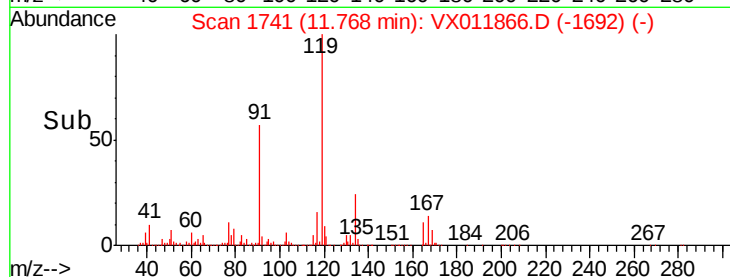
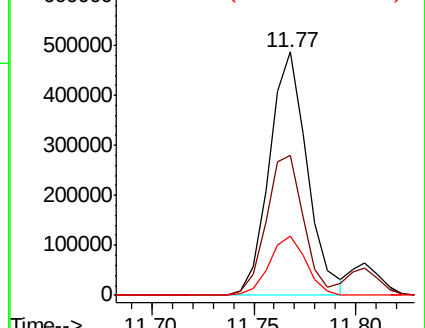
134 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.920 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011866.D

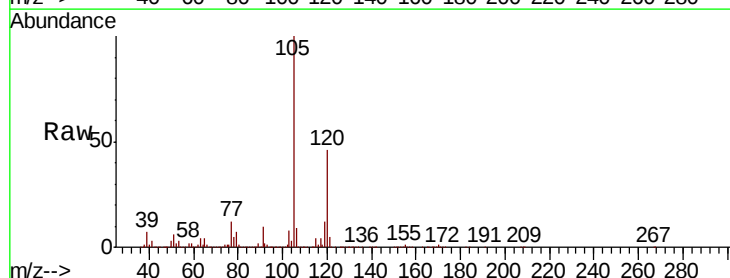
Acq: 27 Aug 2019 21:32

Tgt Ion:105 Resp: 625178

Ion Ratio Lower Upper

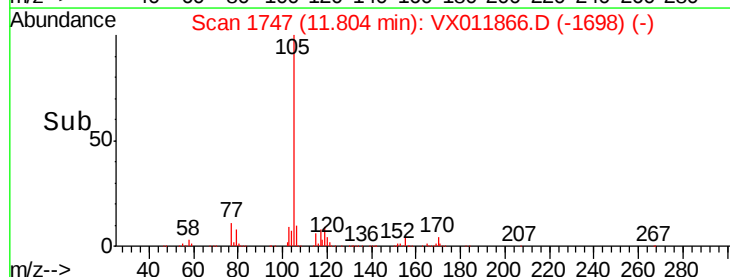
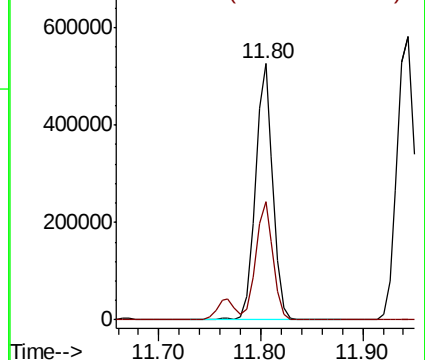
105 100

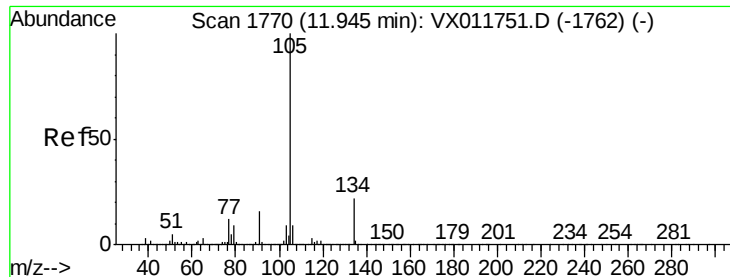
120 46.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.765 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

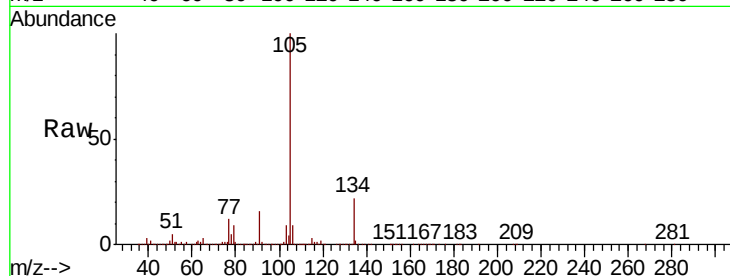
VSTDCCC050EC

Tgt Ion:105 Resp: 710057

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

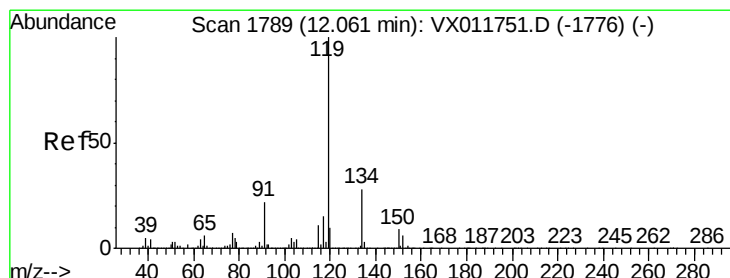
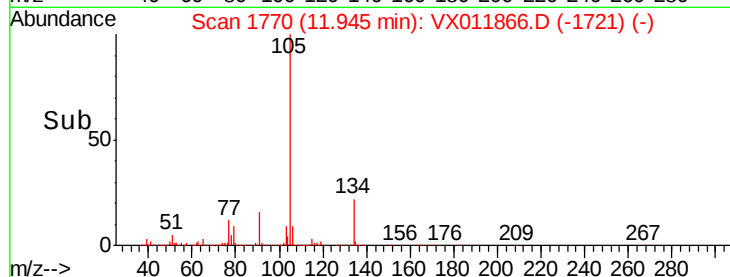
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.654 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

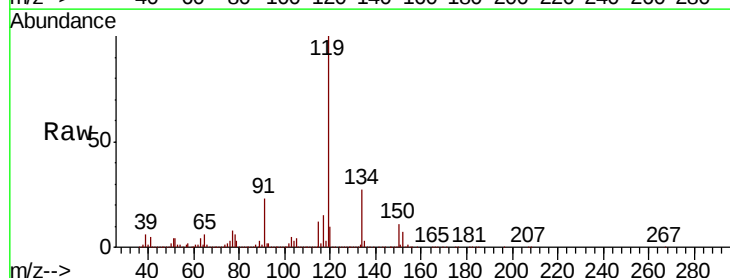
Tgt Ion:119 Resp: 668804

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

91 23.5 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

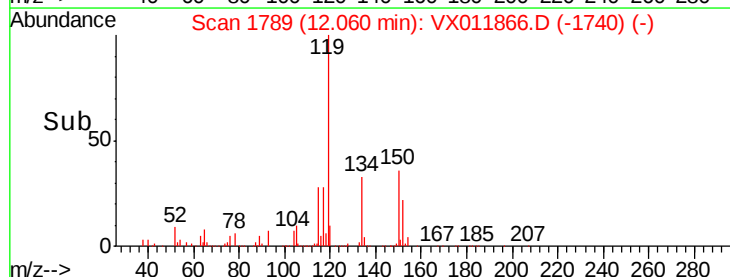
600000

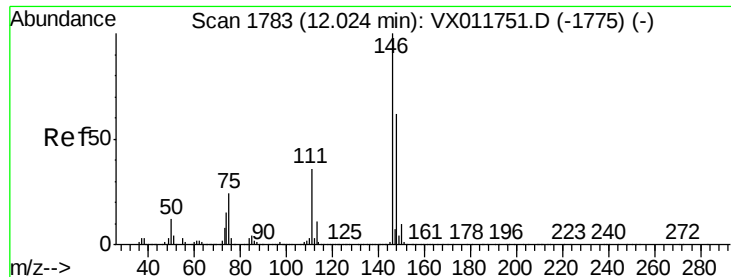
400000

200000

0

Time-->

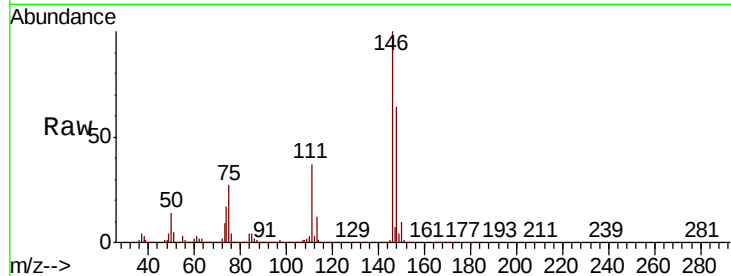




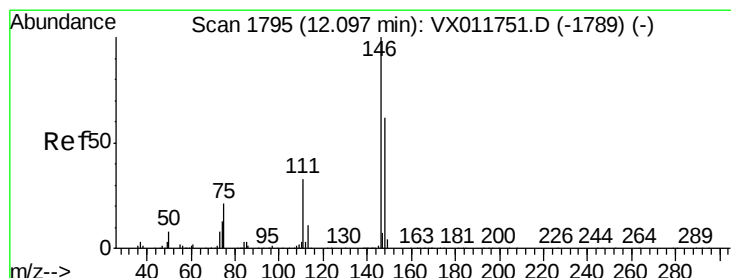
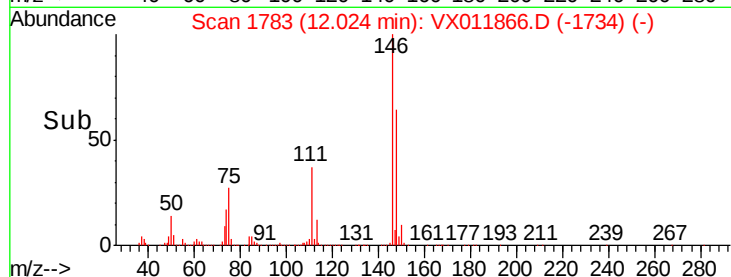
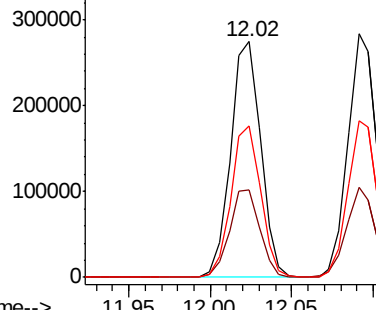
#87
 1,3-Dichlorobenzene
 Concen: 48.659 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.4
148	63.6	31.6	94.7

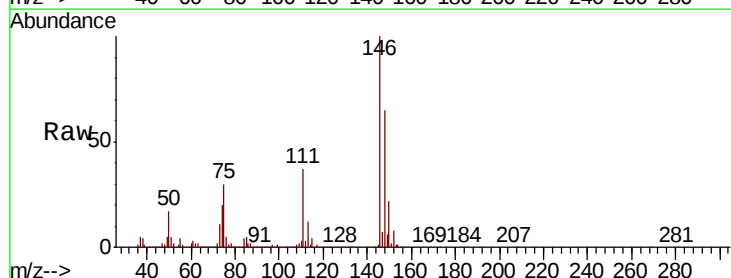


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

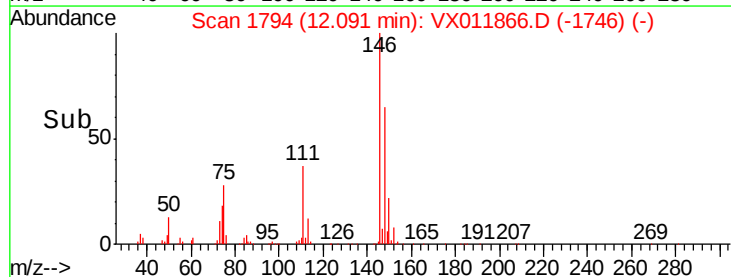
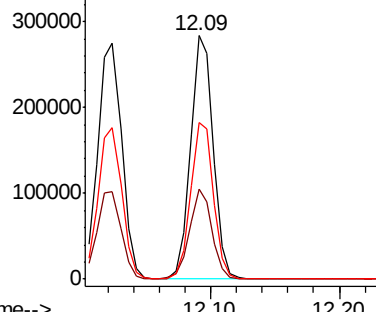


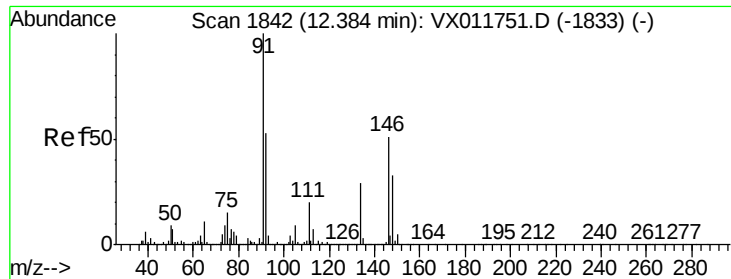
#88
 1,4-Dichlorobenzene
 Concen: 47.759 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.8	53.4
148	65.4	31.9	95.7



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

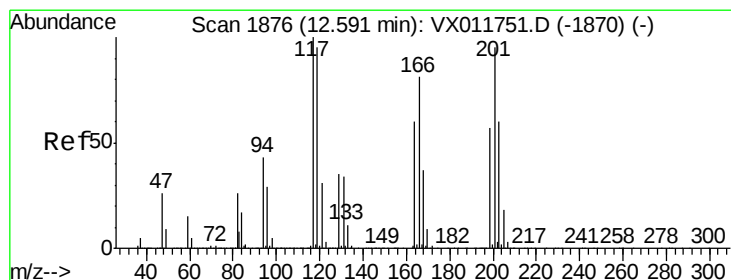
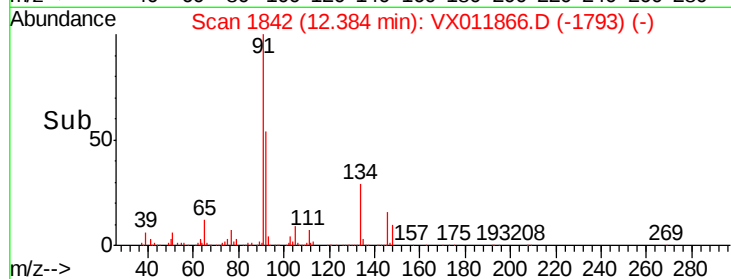
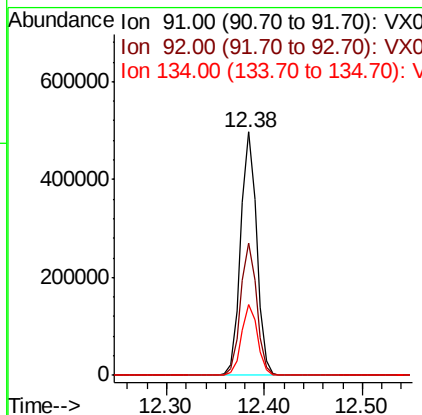
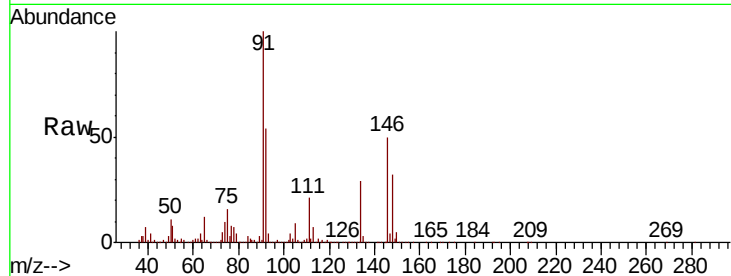




#89
n-Butylbenzene
Concen: 52.511 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

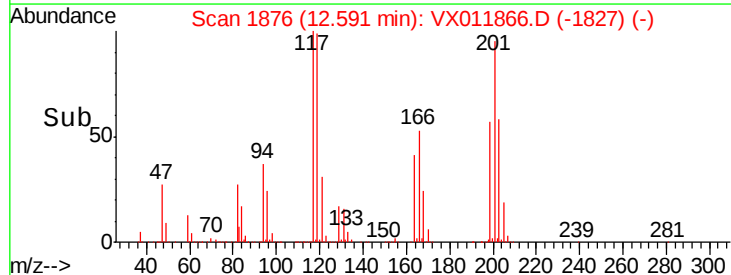
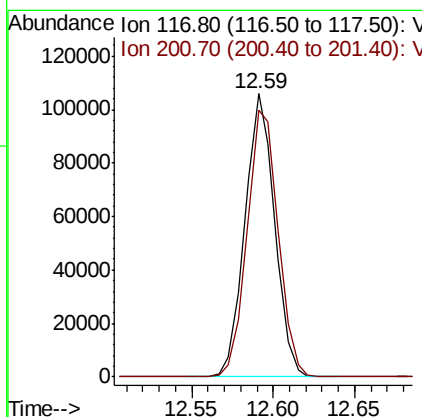
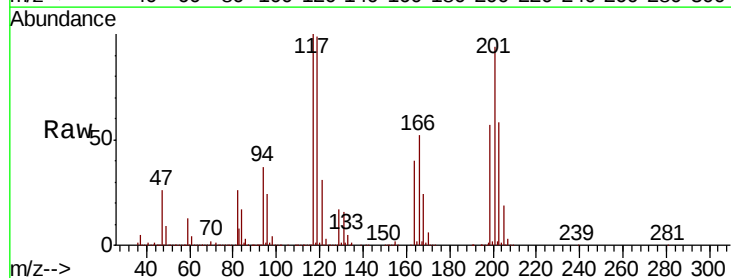
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

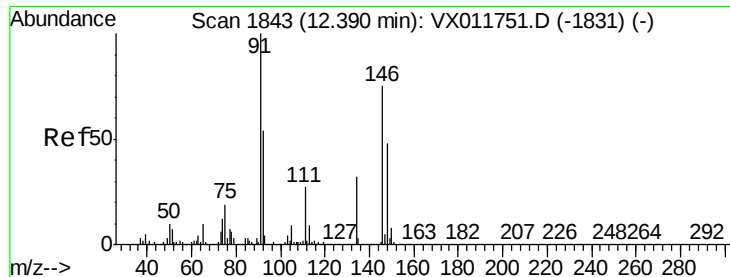
Tgt Ion: 91 Resp: 562837
Ion Ratio Lower Upper
91 100
92 54.9 26.7 80.0
134 28.8 14.6 43.8



#90
Hexachloroethane
Concen: 66.837 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 117 Resp: 134444
Ion Ratio Lower Upper
117 100
201 98.5 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 47.371 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

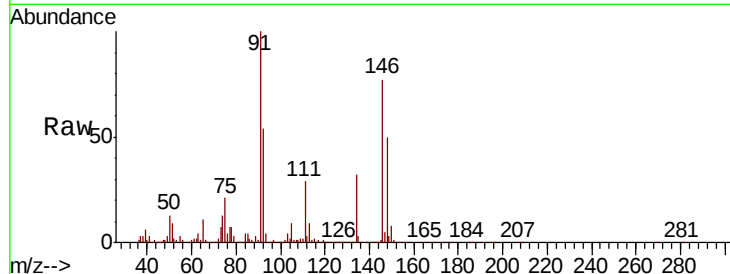
Tgt Ion:146 Resp: 346647

Ion Ratio Lower Upper

146 100

111 39.4 18.8 56.4

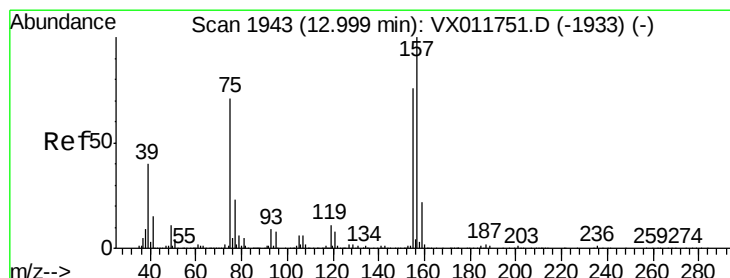
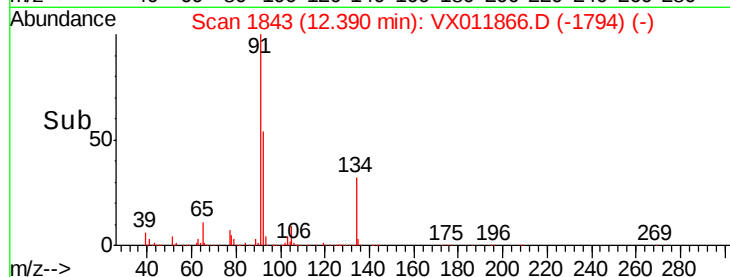
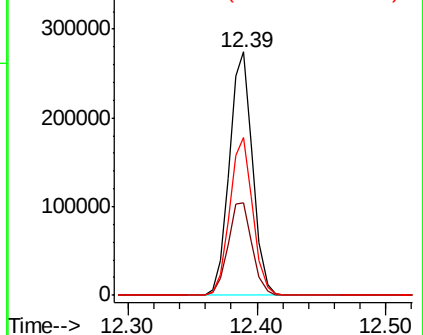
148 64.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.493 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

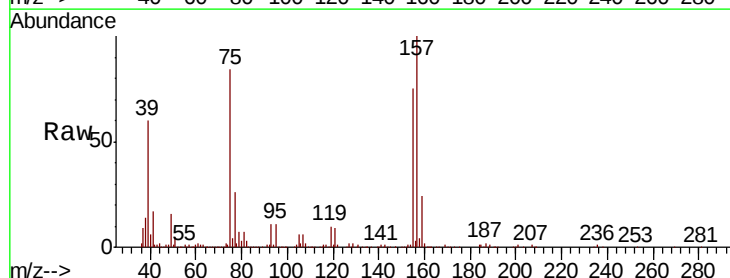
Tgt Ion: 75 Resp: 65415

Ion Ratio Lower Upper

75 100

155 98.5 52.6 157.9

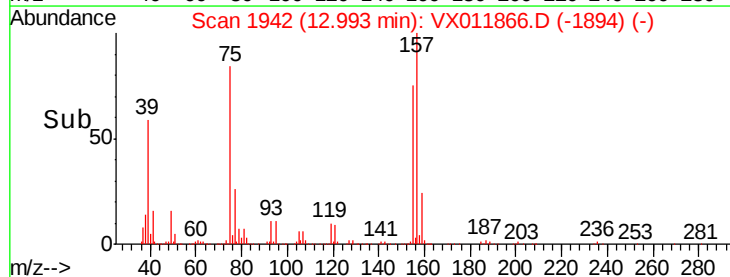
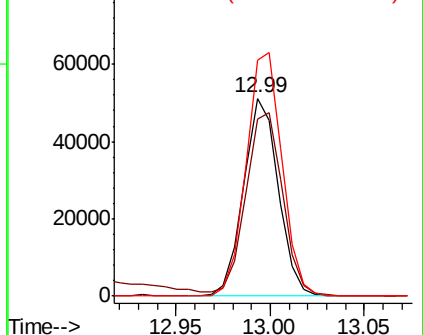
157 126.6 68.3 204.9

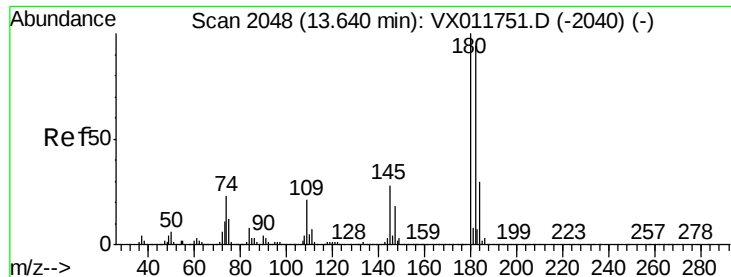


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

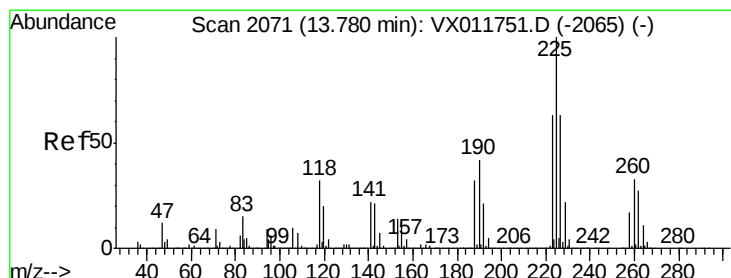
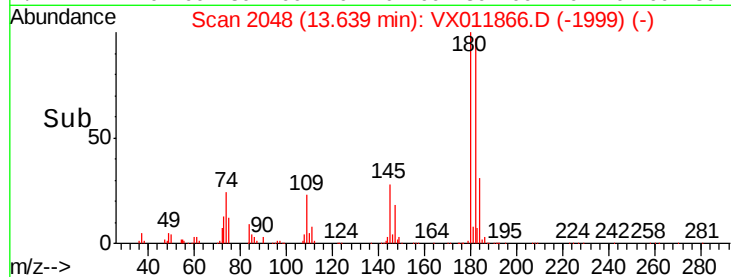
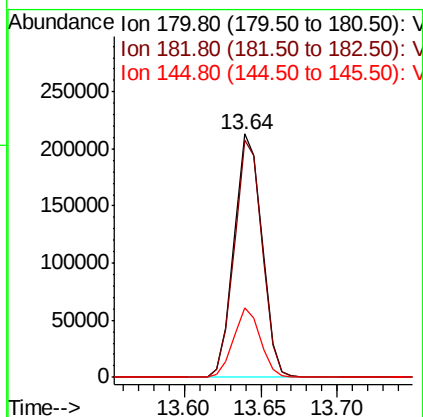
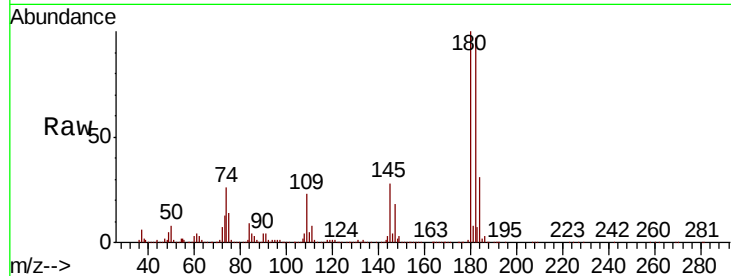




#93
1,2,4-Trichlorobenzene
Concen: 49.918 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

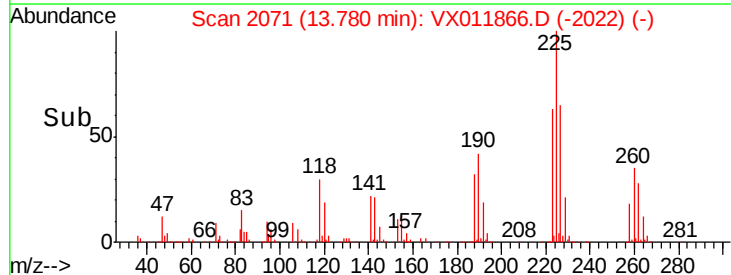
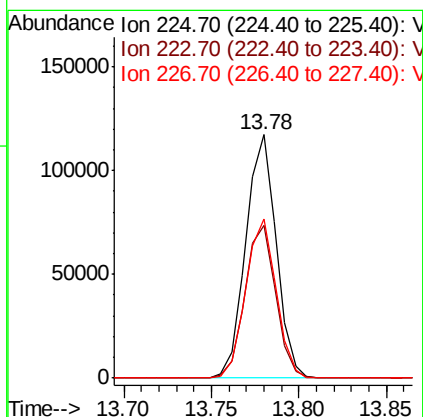
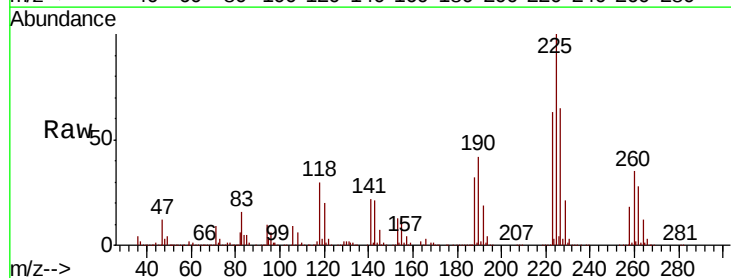
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

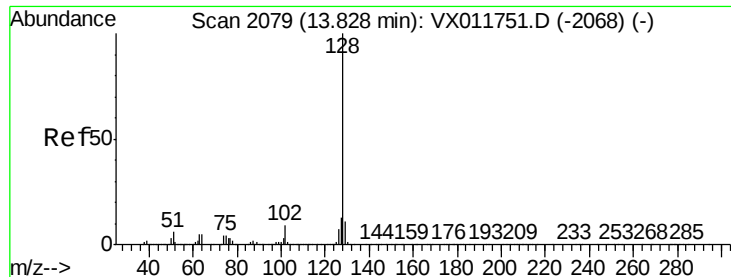
Tgt Ion:180 Resp: 268691
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.4
145 27.8 14.1 42.3



#94
Hexachlorobutadiene
Concen: 48.073 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:225 Resp: 141791
Ion Ratio Lower Upper
225 100
223 63.6 31.0 93.0
227 65.2 31.8 95.3





#95

Naphthalene

Concen: 54.583 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

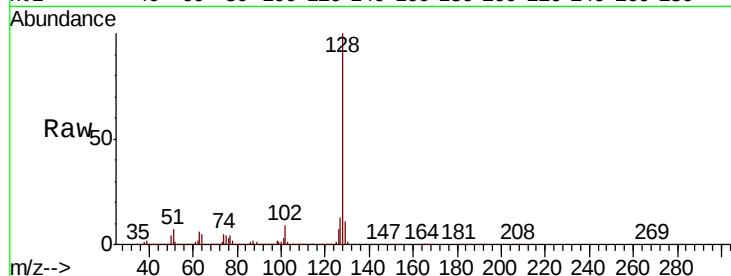
Tgt Ion:128 Resp: 809188

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

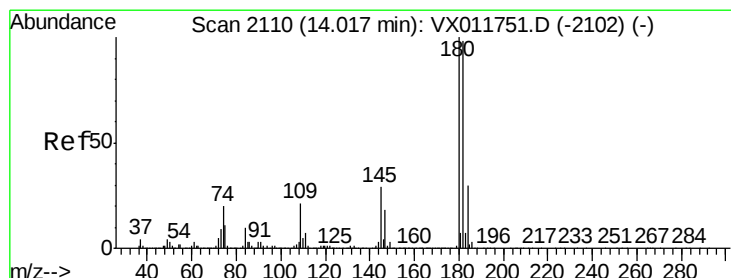
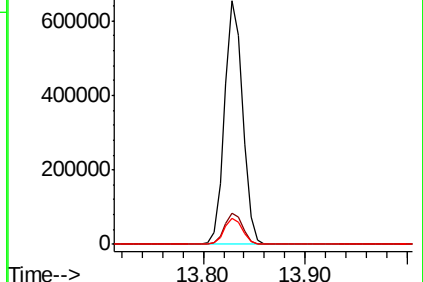
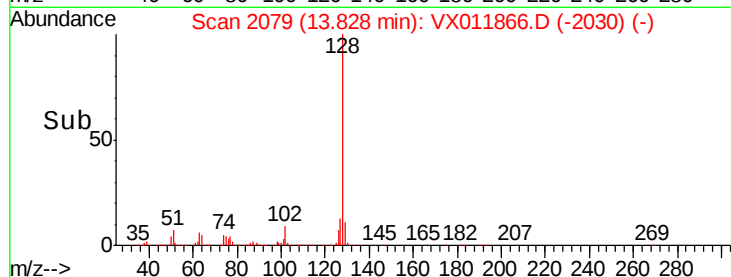
129 10.9 8.7 13.1



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: 50.626 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

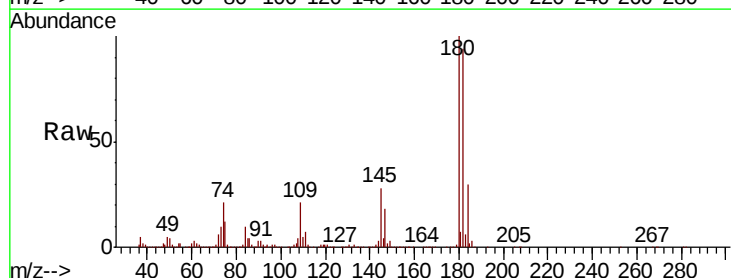
Tgt Ion:180 Resp: 273619

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.5

145 29.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

