

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012515.D
 Acq On : 19 Sep 2019 08:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 08:44:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140239	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	5.48	113	104221	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	8.71	98	382681	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	11.14	95	156339	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	59251	48.562	ug/l	96
3) Chloromethane	1.32	50	49918	49.638	ug/l	99
4) Vinyl Chloride	1.40	62	55387	50.958	ug/l	96
5) Bromomethane	1.63	94	20043	46.937	ug/l	97
6) Chloroethane	1.71	64	40722	47.877	ug/l	98
7) Trichlorofluoromethane	1.92	101	104824	52.610	ug/l	94
8) Diethyl Ether	2.18	74	44638	49.601	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73702	51.125	ug/l	97
10) Methyl Iodide	2.50	142	59745	48.445	ug/l	97
11) Tert butyl alcohol	3.03	59	164498	247.372	ug/l	99
12) 1,1-Dichloroethene	2.36	96	61528	53.502	ug/l	97
13) Acrolein	2.28	56	48741	211.473	ug/l	98
14) Allyl chloride	2.72	41	134185	50.117	ug/l	99
15) Acrylonitrile	3.13	53	290103	255.364	ug/l	100
16) Acetone	2.44	43	267728	222.632	ug/l	100
17) Carbon Disulfide	2.56	76	75929	46.805	ug/l	97
18) Methyl Acetate	2.76	43	148218	54.257	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	327753	52.270	ug/l	100
20) Methylene Chloride	2.84	84	81588	51.424	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	63122	52.856	ug/l	99
22) Diisopropyl ether	3.84	45	324447	51.754	ug/l	98
23) Vinyl Acetate	3.80	43	1318114	255.602	ug/l	99
24) 1,1-Dichloroethane	3.69	63	158995	53.008	ug/l	99
25) 2-Butanone	4.66	43	424404	233.381	ug/l	100
26) 2,2-Dichloropropane	4.57	77	90871	30.805	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	95521	53.544	ug/l	91
28) Bromochloromethane	5.01	49	81511	52.712	ug/l	97
29) Tetrahydrofuran	5.12	42	260322	259.127	ug/l	99
30) Chloroform	5.20	83	175755	51.021	ug/l	97
31) Cyclohexane	5.57	56	93479	51.627	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	149900	52.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94442	48.448	ug/l	95
37) Ethyl Acetate	4.82	43	153765	51.388	ug/l	99
38) Carbon Tetrachloride	5.77	117	121555	50.137	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	95459	50.374	ug/l	96
40) Benzene	6.13	78	319273	51.505	ug/l	98
41) Methacrylonitrile	5.03	41	90897	47.178	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141177	49.103	ug/l	99
43) Isopropyl Acetate	6.43	43	263031	48.977	ug/l	99
44) Trichloroethene	7.21	130	87414	53.608	ug/l	97
45) 1,2-Dichloropropane	7.51	63	95189	49.983	ug/l	97
46) Dibromomethane	7.65	93	62665	50.848	ug/l	100
47) Bromodichloromethane	7.89	83	140378	51.157	ug/l	98
48) Methyl methacrylate	7.76	41	126121	49.819	ug/l	98
49) 1,4-Dioxane	7.73	88	58219	944.886	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	863438	245.160	ug/l	99
52) Toluene	8.78	92	206252	51.636	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136407	47.821	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143018	48.430	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	103525	50.307	ug/l	99
56) Ethyl methacrylate	9.17	69	164936	51.263	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165820	50.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	440291	264.363	ug/l	99
59) 2-Hexanone	9.49	43	657102	239.146	ug/l	98
60) Dibromochloromethane	9.58	129	112840	53.832	ug/l	97
61) 1,2-Dibromoethane	9.67	107	99471	52.926	ug/l	100
64) Tetrachloroethene	9.33	164	76807	57.425	ug/l	92
65) Chlorobenzene	10.14	112	244563	50.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103992	52.012	ug/l	99
67) Ethyl Benzene	10.25	91	421966	50.982	ug/l	99
68) m/p-Xylenes	10.35	106	311418	103.409	ug/l	98
69) o-Xylene	10.70	106	160933	51.963	ug/l	100
70) Styrene	10.71	104	287520	52.470	ug/l	99
71) Bromoform	10.85	173	79873	46.604	ug/l #	100
73) Isopropylbenzene	11.01	105	448516	50.614	ug/l	99
74) N-amyl acetate	10.89	43	236880	49.652	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172469	49.615	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189031	58.268	ug/l	88
77) Bromobenzene	11.25	156	111738	51.703	ug/l	98
78) n-propylbenzene	11.35	91	492846	49.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	314018	48.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	383899	50.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44522	38.439	ug/l	95
82) 4-Chlorotoluene	11.51	91	367576	49.847	ug/l	100
83) tert-Butylbenzene	11.77	119	390079	48.169	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	390752	50.357	ug/l	99
85) sec-Butylbenzene	11.94	105	442482	49.586	ug/l	98
86) p-Isopropyltoluene	12.06	119	406747	49.640	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205008	50.429	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	210571	50.425	ug/l	99
89) n-Butylbenzene	12.38	91	346385	47.379	ug/l	99
90) Hexachloroethane	12.59	117	75937	50.543	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	217612	51.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45297	50.263	ug/l	98

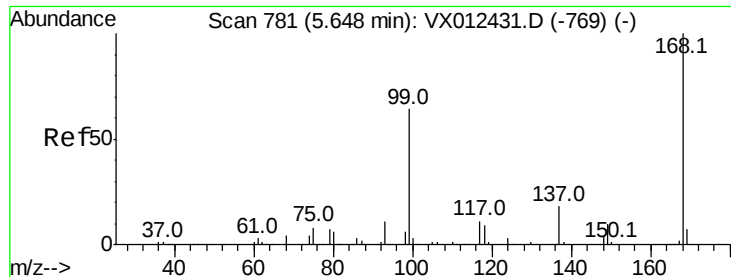
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140930	51.494	ug/l	99
94) Hexachlorobutadiene	13.77	225	60180	46.654	ug/l	98
95) Naphthalene	13.83	128	528620	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148089	53.099	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

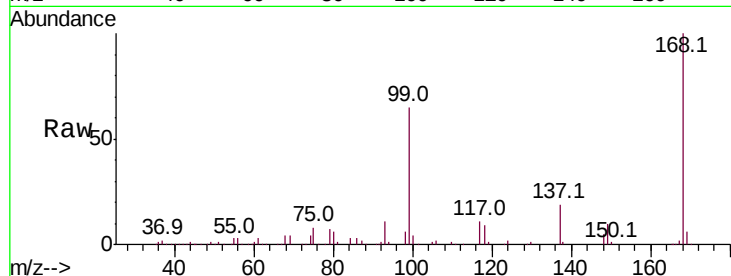
VSTDCCC050EC

Tot Ion:168 Resp: 182919

Ion Ratio Lower Upper

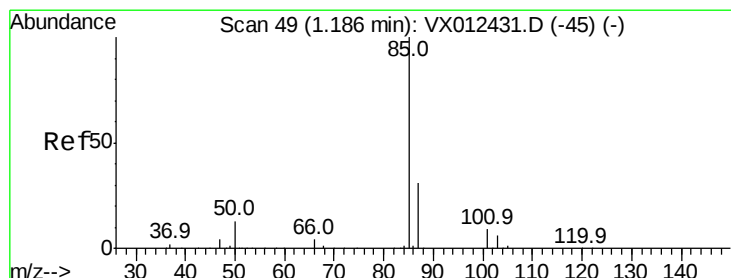
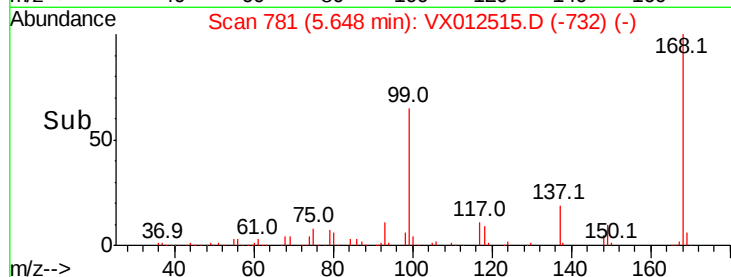
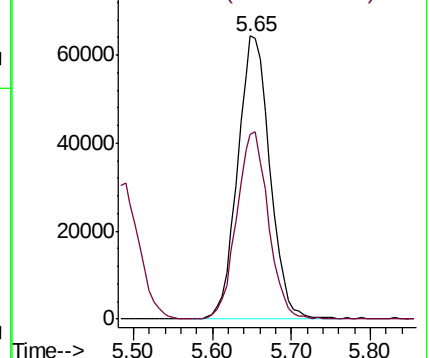
168 100

99 65.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.562 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012515.D

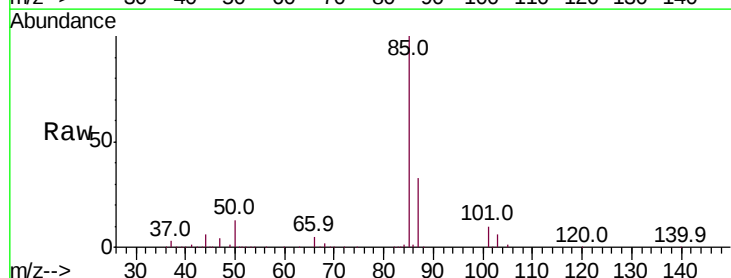
Acq: 19 Sep 2019 08:07

Tgt Ion: 85 Resp: 59251

Ion Ratio Lower Upper

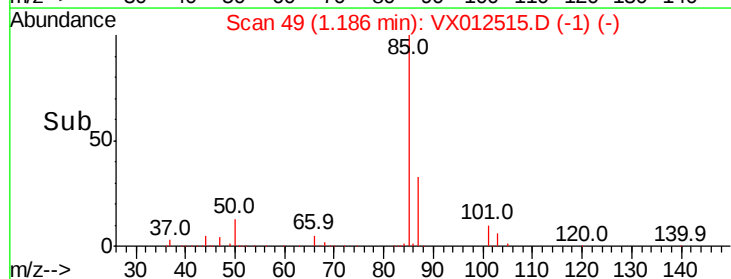
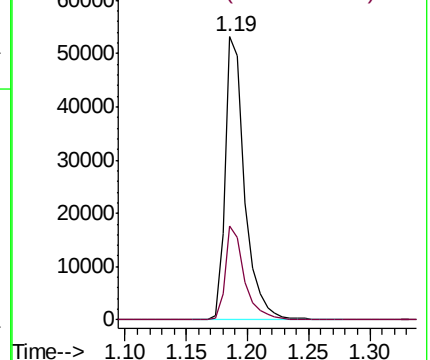
85 100

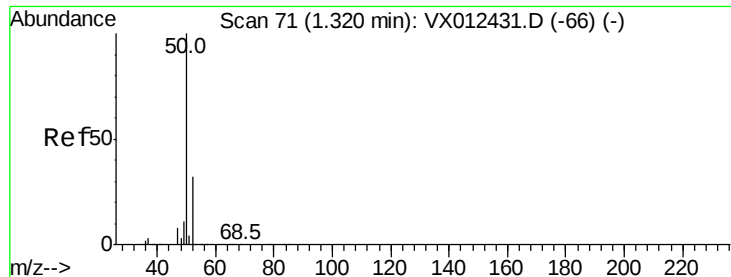
87 33.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.638 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

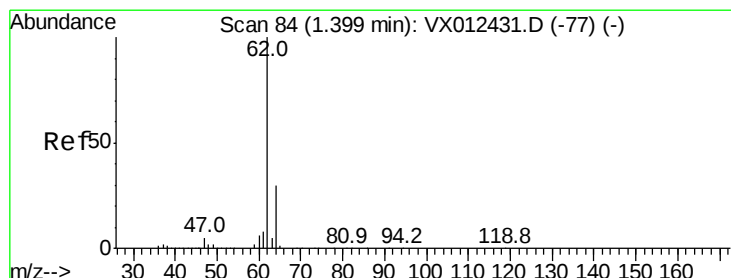
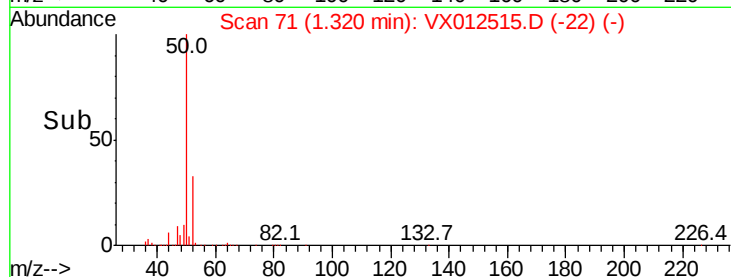
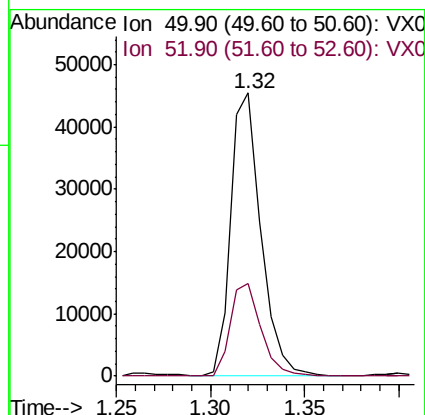
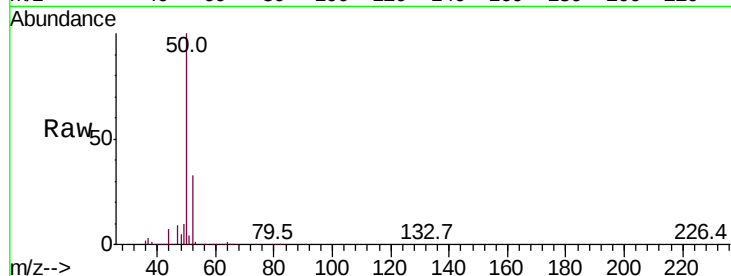
VSTDCCC050EC

Tot Ion: 50 Resp: 49918

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 50.958 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012515.D

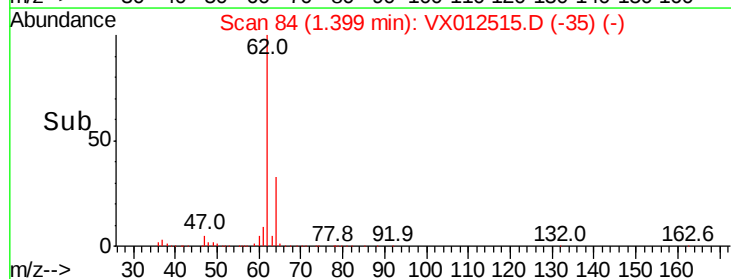
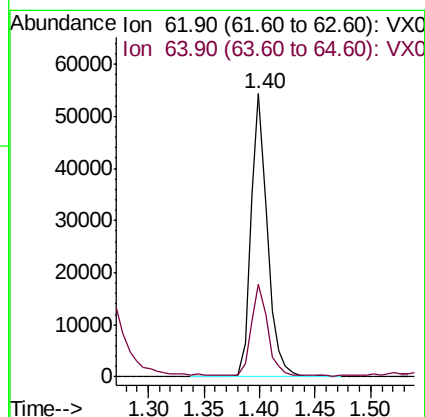
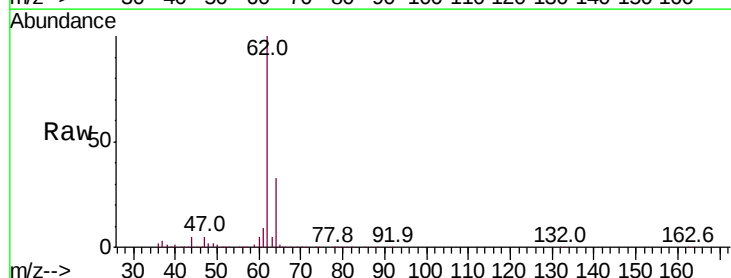
Acq: 19 Sep 2019 08:07

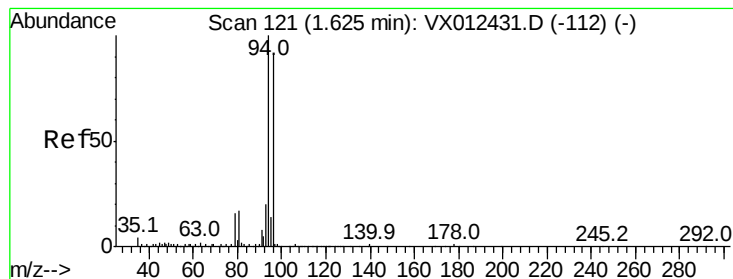
Tgt Ion: 62 Resp: 55387

Ion Ratio Lower Upper

62 100

64 32.4 24.2 36.2





#5

Bromomethane

Concen: 46.937 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

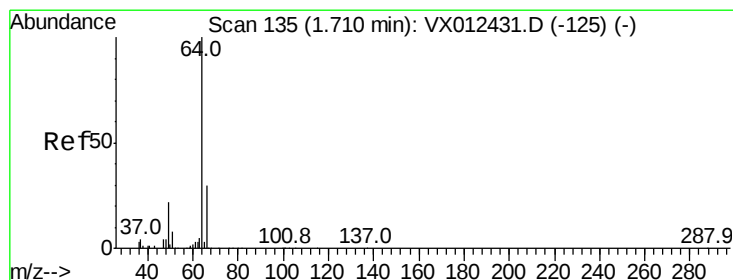
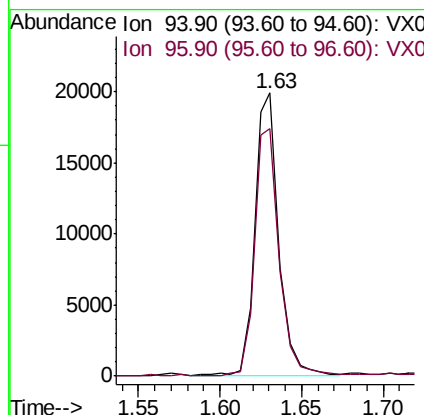
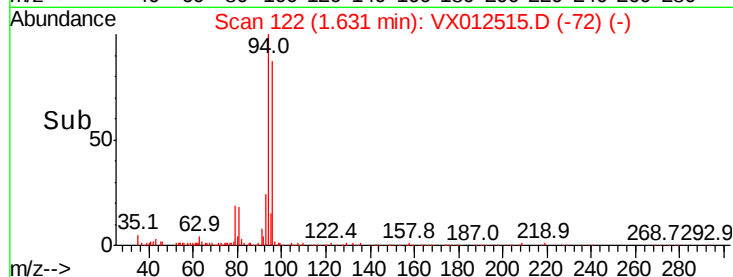
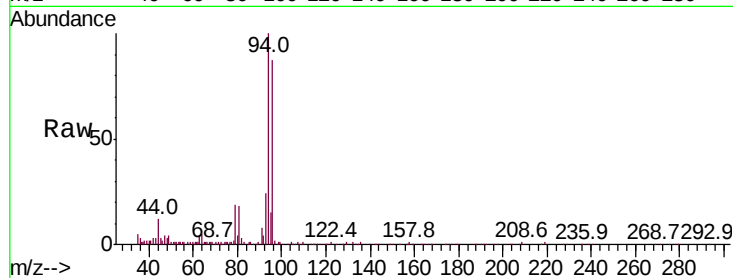
VSTDCCC050EC

Tot Ion: 94 Resp: 20043

Ion Ratio Lower Upper

94 100

96 87.7 72.8 109.2



#6

Chloroethane

Concen: 47.877 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012515.D

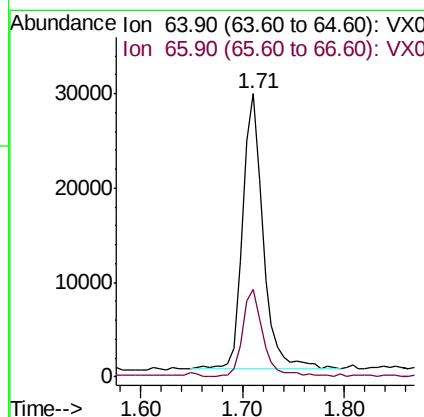
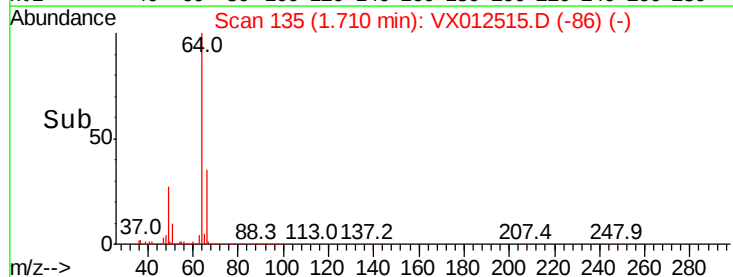
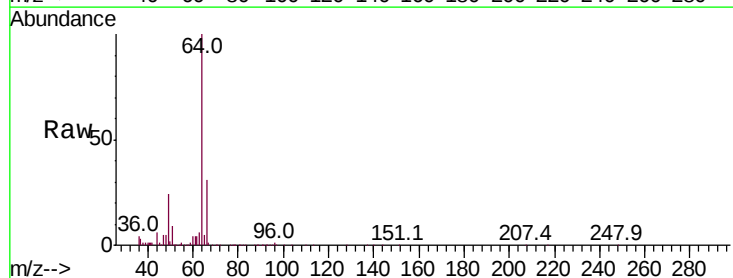
Acq: 19 Sep 2019 08:07

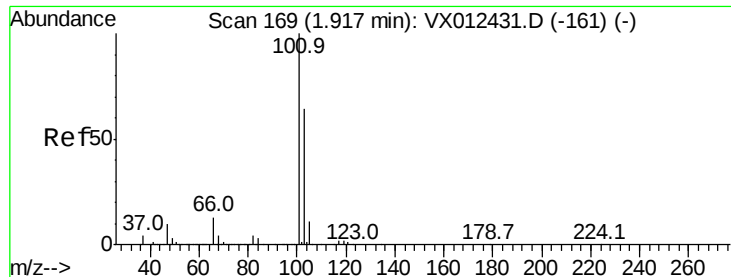
Tgt Ion: 64 Resp: 40722

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0



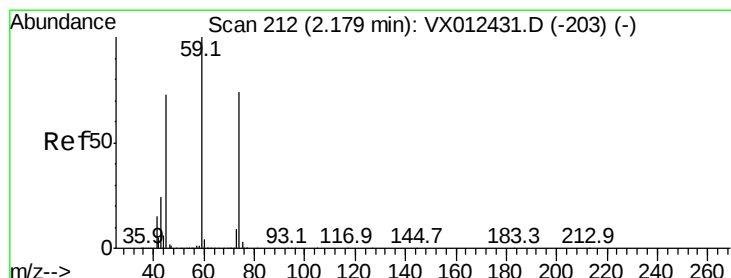
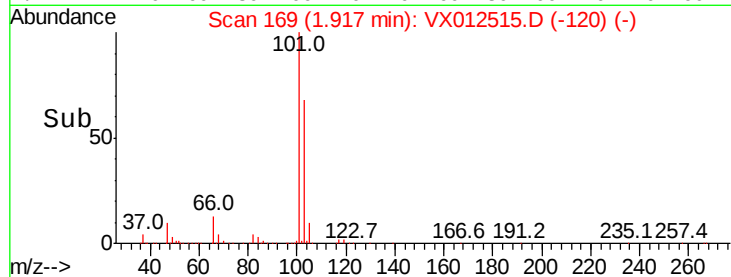
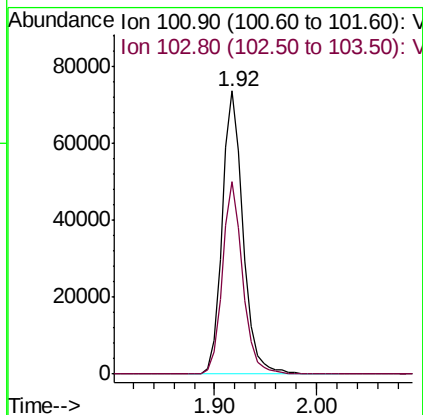
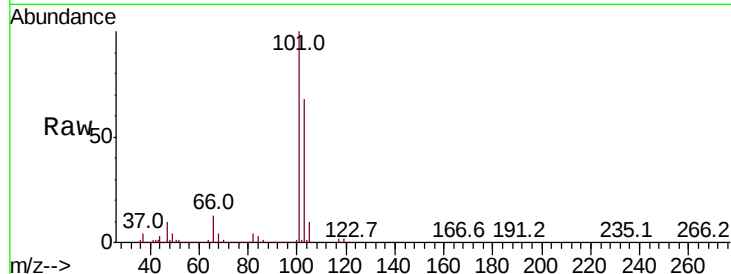


#7

Trichlorofluoromethane
 Concen: 52.610 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

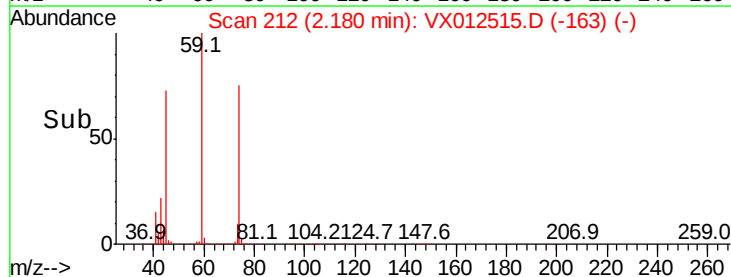
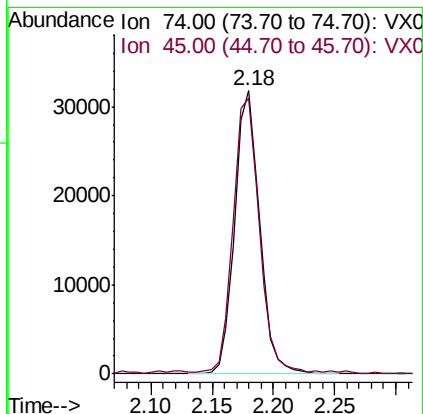
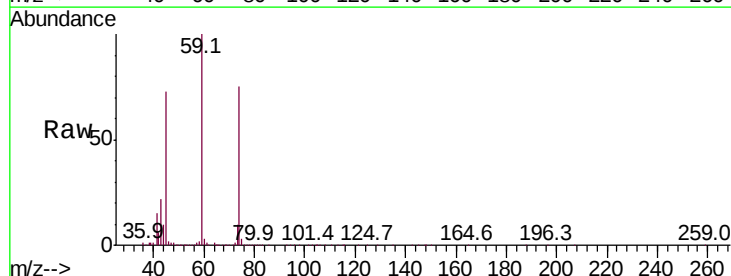
Tot Ion:101 Resp: 104824
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.0 76.4

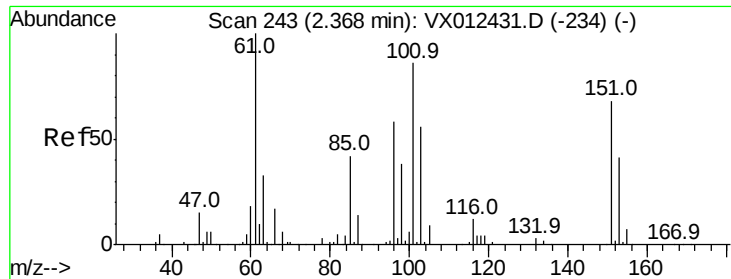


#8

Diethyl Ether
 Concen: 49.601 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 74 Resp: 44638
 Ion Ratio Lower Upper
 74 100
 45 102.6 49.9 149.7

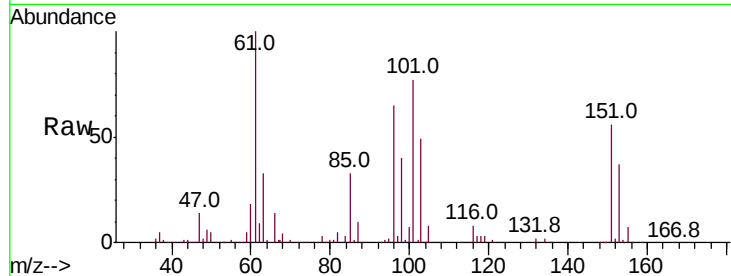




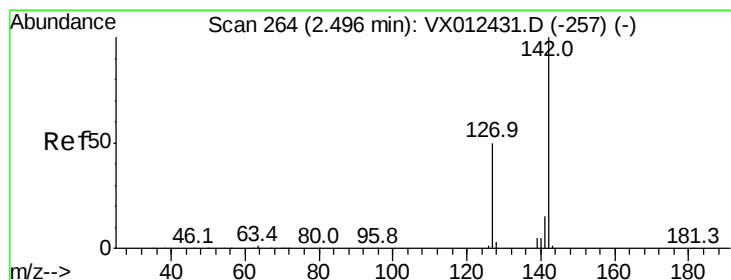
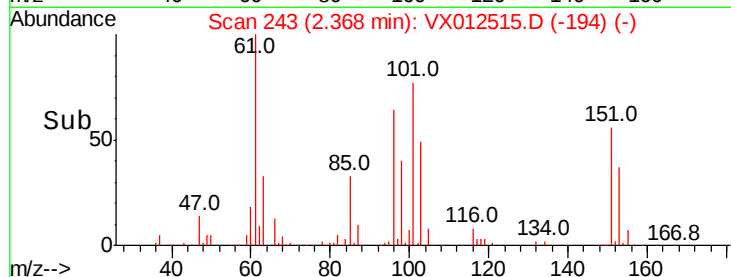
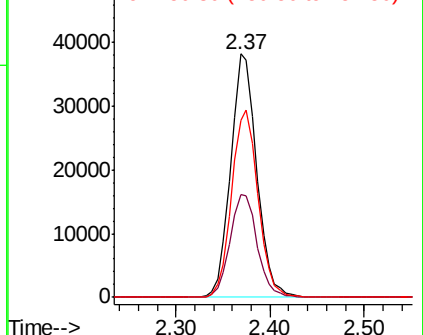
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.125 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 73702
 Ion Ratio Lower Upper
 101 100
 85 43.9 37.3 55.9
 151 78.0 61.0 91.4

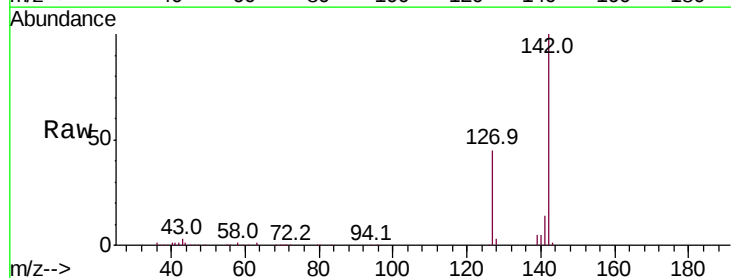


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

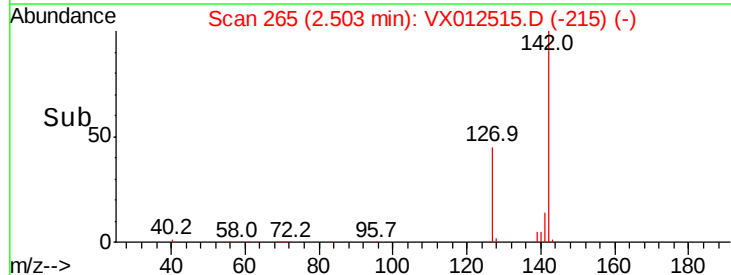
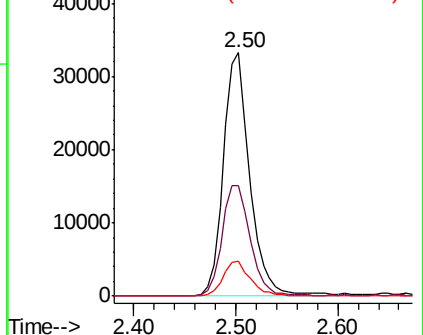


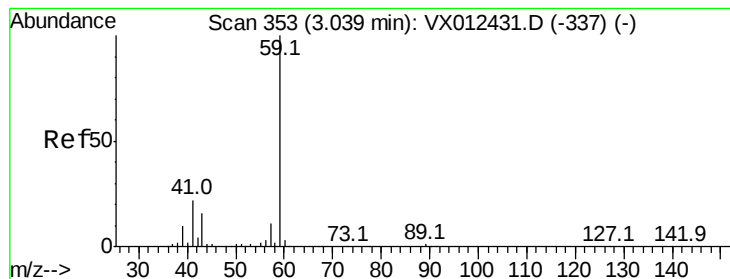
#10
 Methyl Iodide
 Concen: 48.445 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. 0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion:142 Resp: 59745
 Ion Ratio Lower Upper
 142 100
 127 48.9 40.8 61.2
 141 14.6 12.1 18.1



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



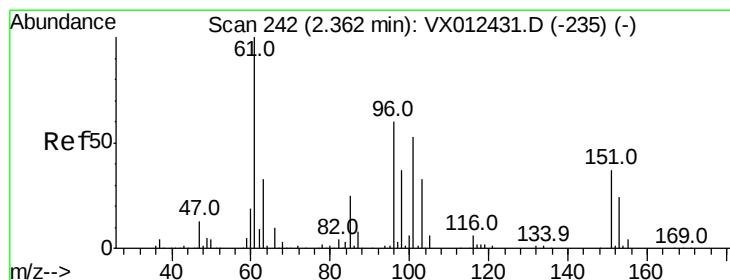
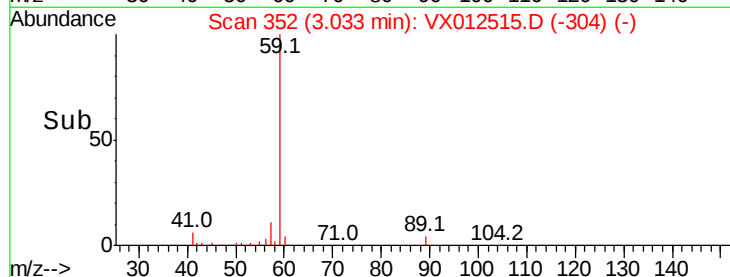
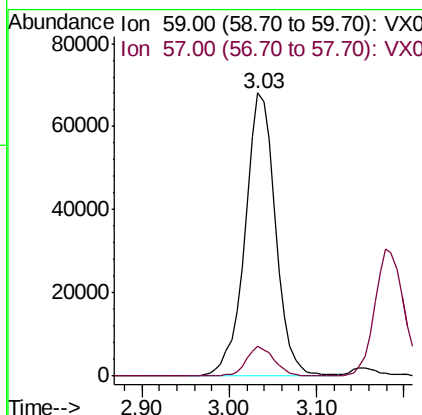
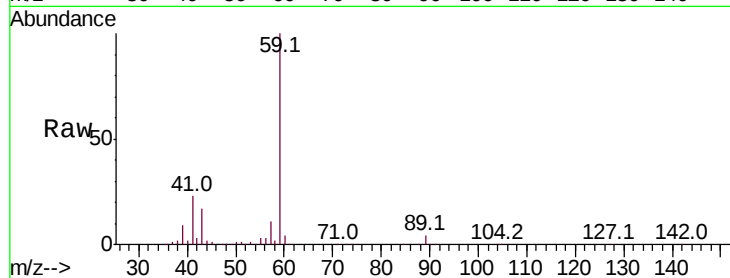


#11

Tert butyl alcohol
 Concen: 247.372 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

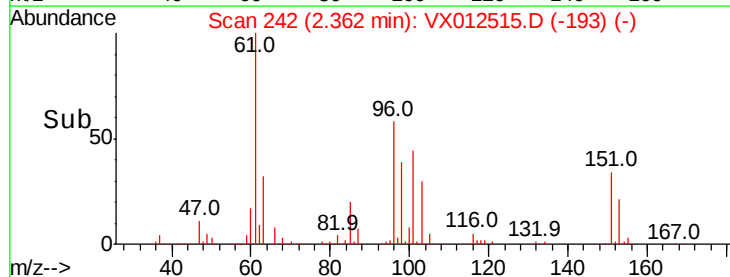
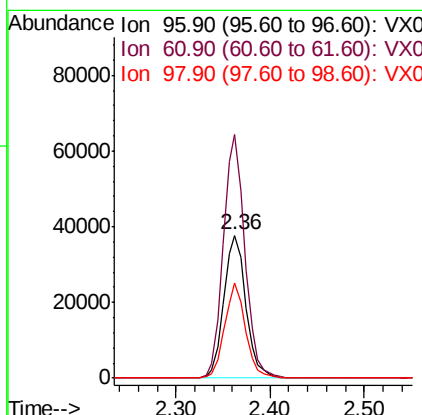
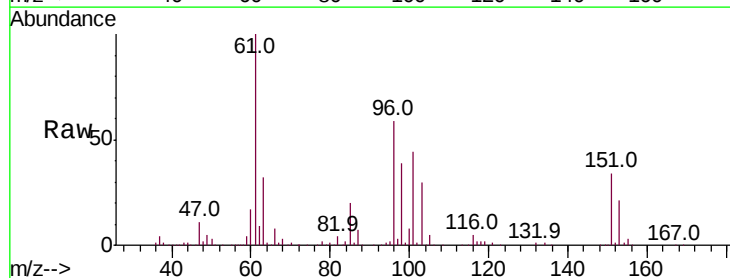
Tot Ion: 59 Resp: 164498
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

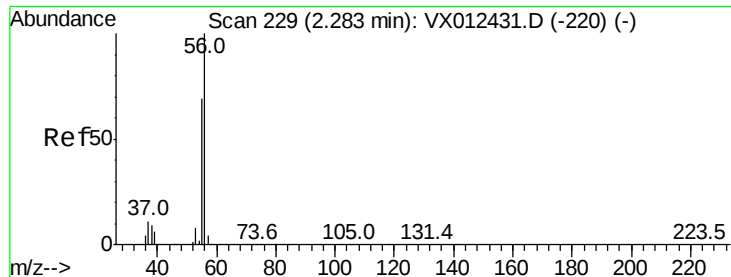


#12

1,1-Dichloroethene
 Concen: 53.502 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 96 Resp: 61528
 Ion Ratio Lower Upper
 96 100
 61 170.4 133.8 200.6
 98 66.5 49.9 74.9

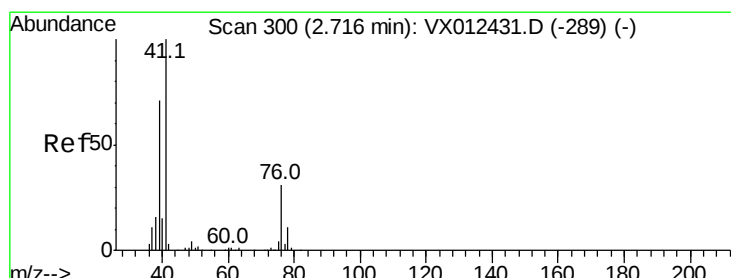
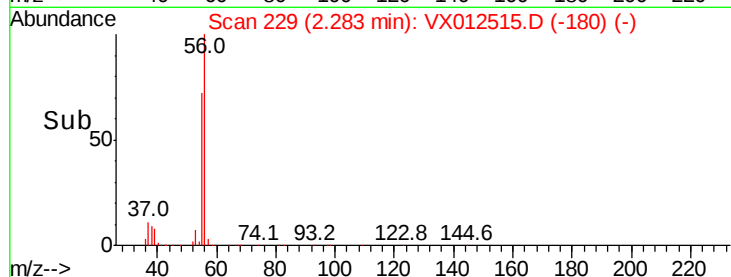
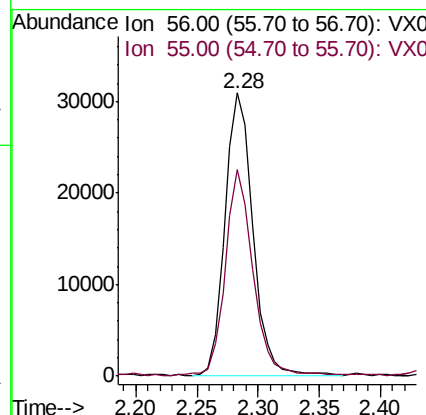
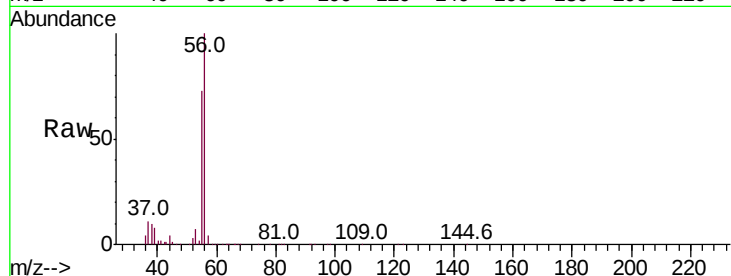




#13
Acrolein
Concen: 211.473 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

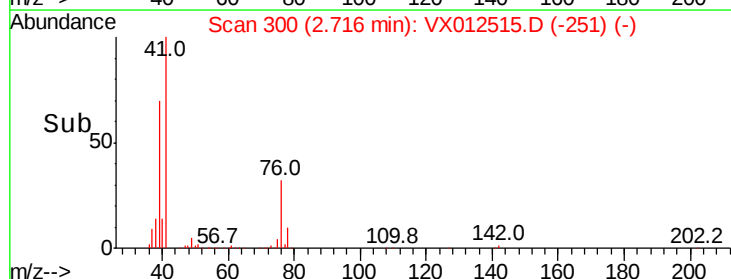
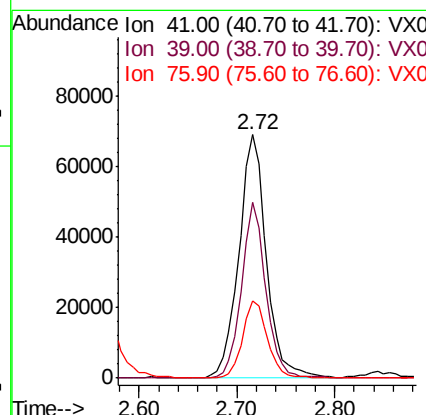
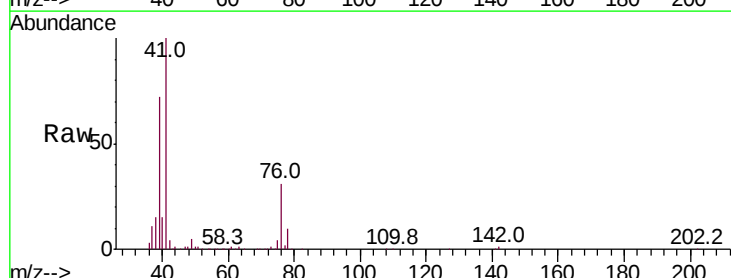
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

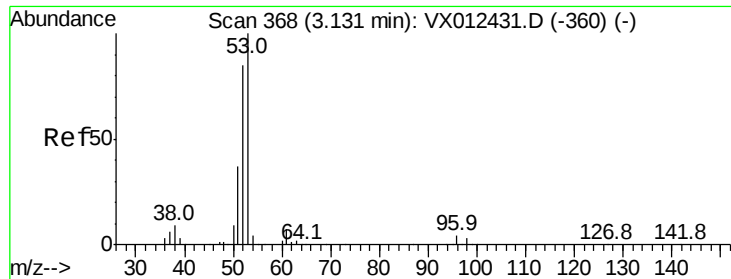
Tot Ion: 56 Resp: 48741
Ion Ratio Lower Upper
56 100
55 71.8 55.8 83.8



#14
Allyl chloride
Concen: 50.117 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 41 Resp: 134185
Ion Ratio Lower Upper
41 100
39 63.5 51.3 76.9
76 28.8 22.6 33.8

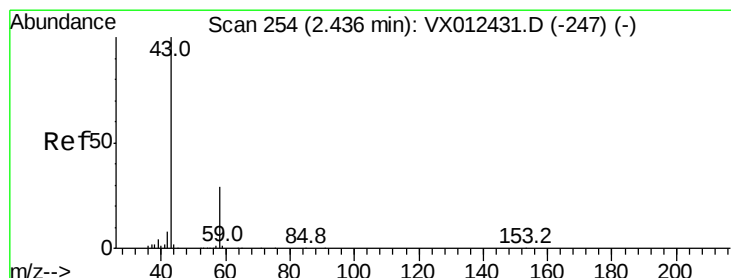
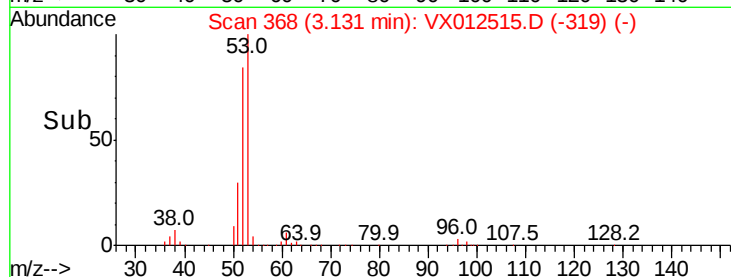
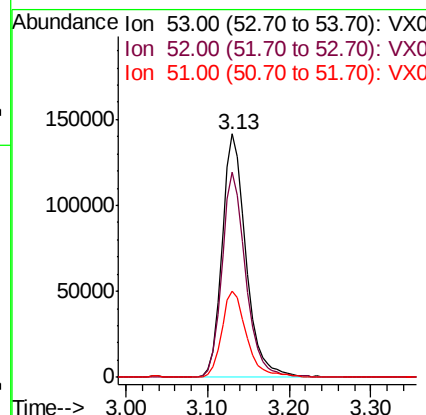
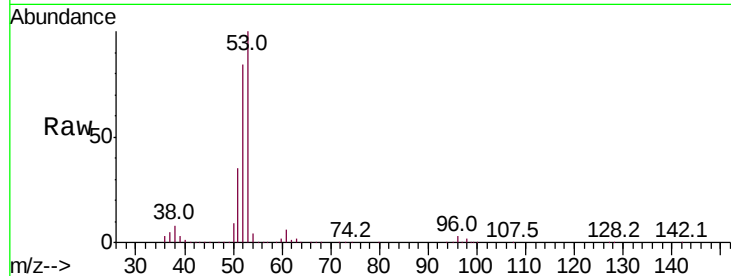




#15
 Acrylonitrile
 Concen: 255.364 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

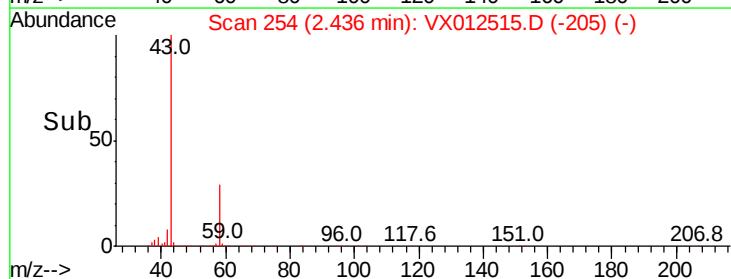
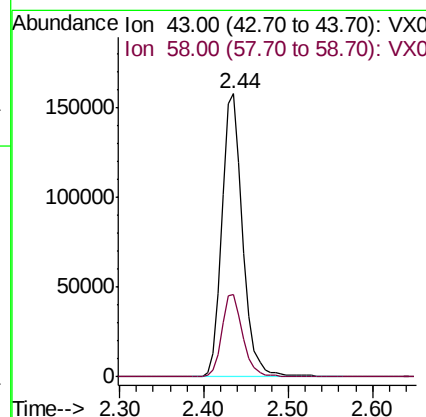
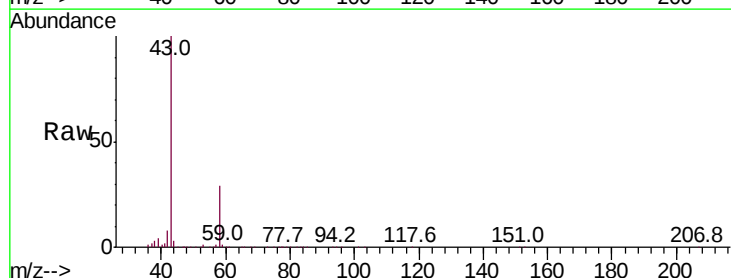
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

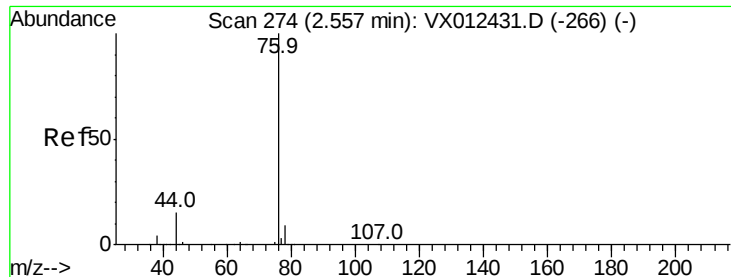
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	36.8	29.6	44.4



#16
 Acetone
 Concen: 222.632 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.3	34.9





#17

Carbon Disulfide

Concen: 46.805 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

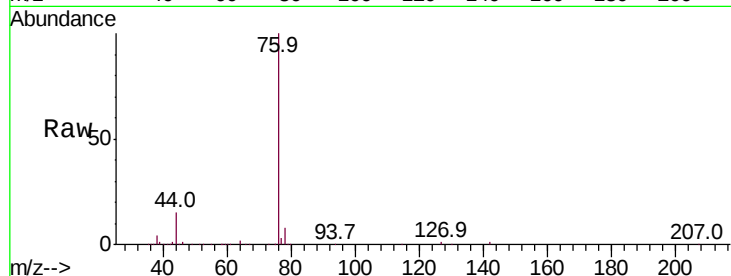
VSTDCCC050EC

Tot Ion: 76 Resp: 75929

Ion Ratio Lower Upper

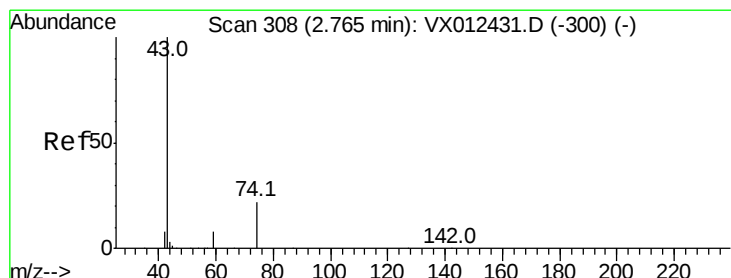
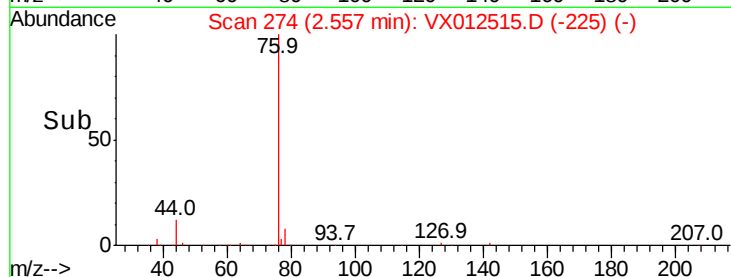
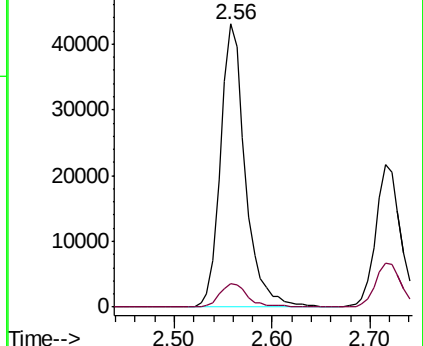
76 100

78 8.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.257 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012515.D

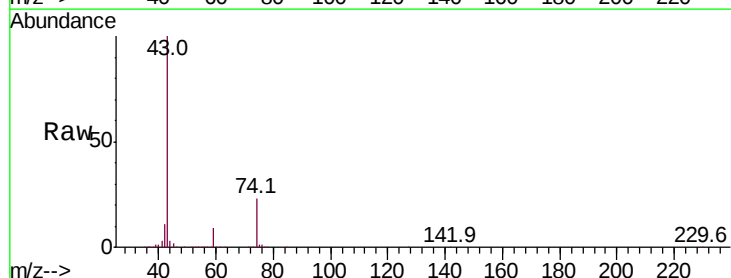
Acq: 19 Sep 2019 08:07

Tgt Ion: 43 Resp: 148218

Ion Ratio Lower Upper

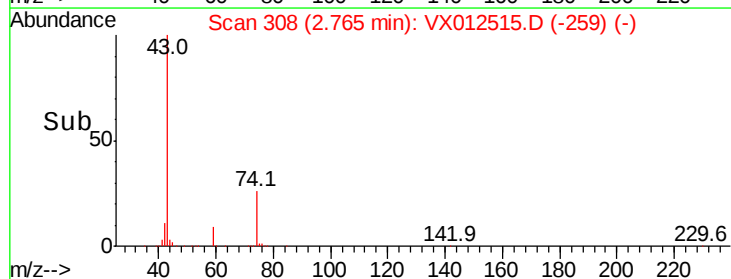
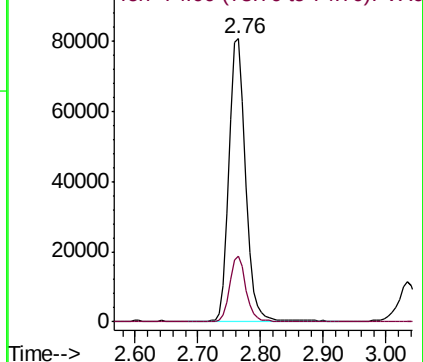
43 100

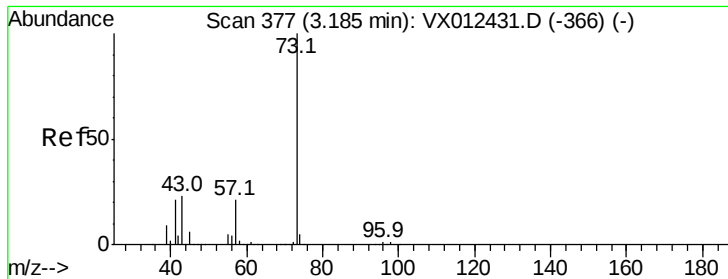
74 22.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

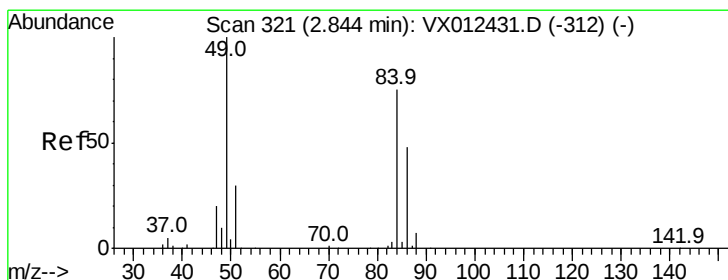
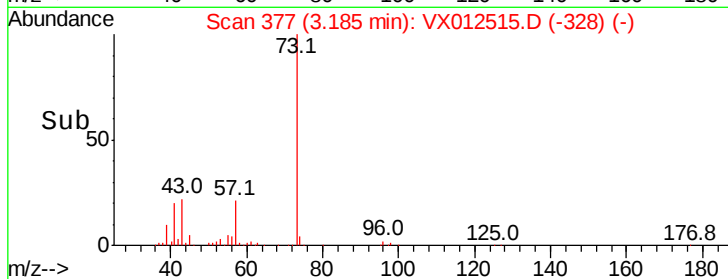
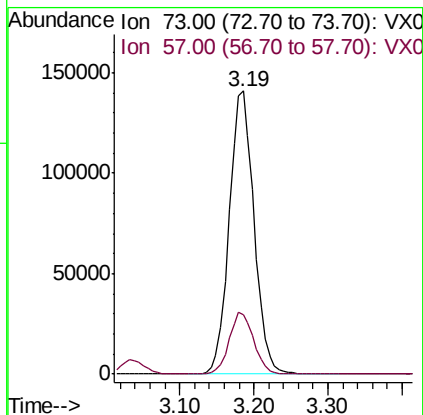
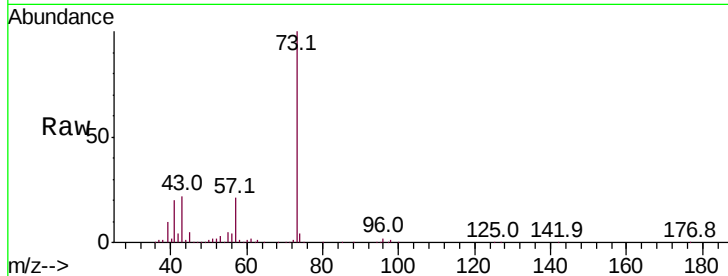




#19
Methvl tert-butvl Ether
Concen: 52.270 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

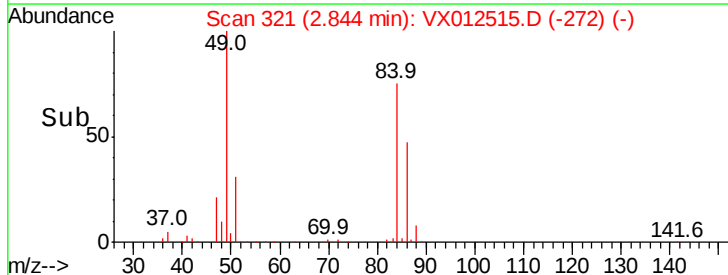
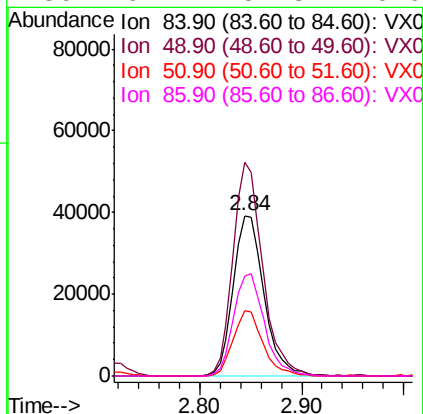
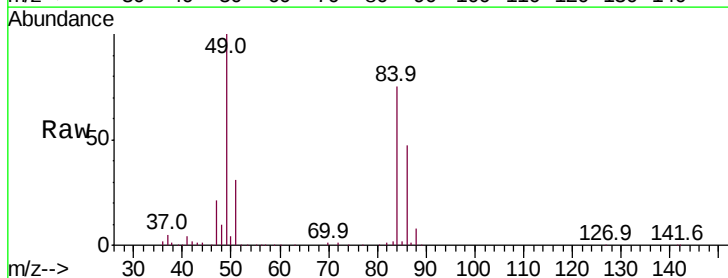
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

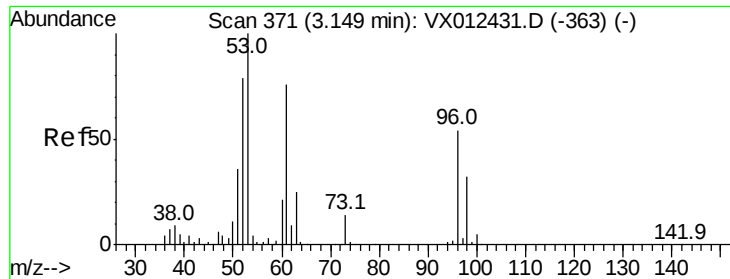
Tot Ion: 73 Resp: 327753
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 51.424 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 84 Resp: 81588
Ion Ratio Lower Upper
84 100
49 133.4 106.8 160.2
51 41.1 32.3 48.5
86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.856 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

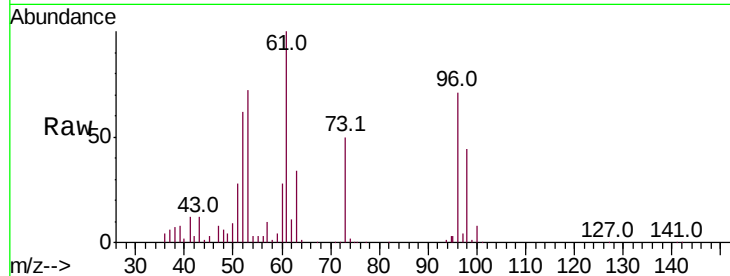
Tot Ion: 96 Resp: 63122

Ion Ratio Lower Upper

96 100

61 140.5 112.0 168.0

98 62.3 47.8 71.8

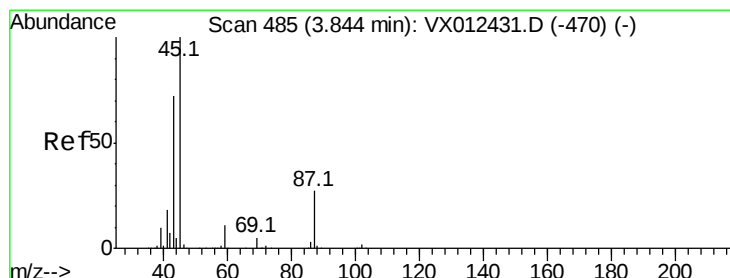
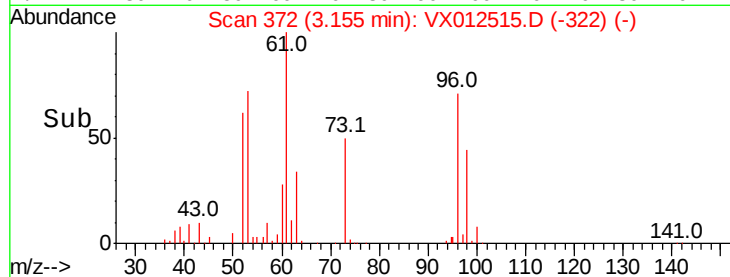
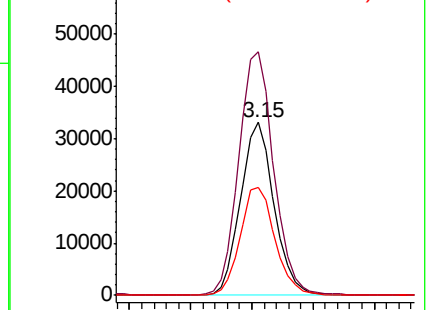


Abundance

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: 51.754 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion: 45 Resp: 324447

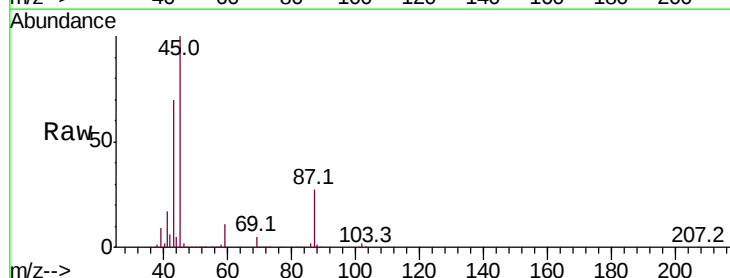
Ion Ratio Lower Upper

45 100

43 70.3 57.8 86.8

87 27.5 21.3 31.9

59 10.9 8.5 12.7



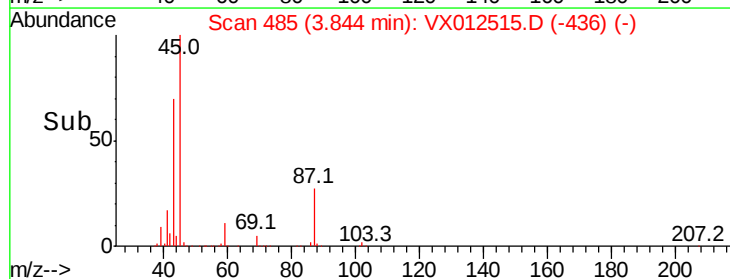
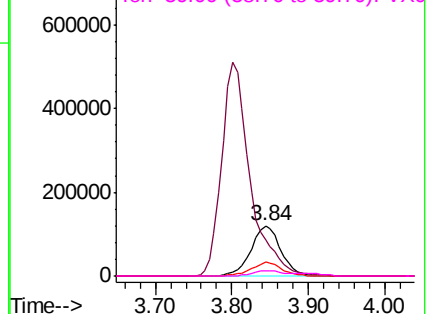
Abundance

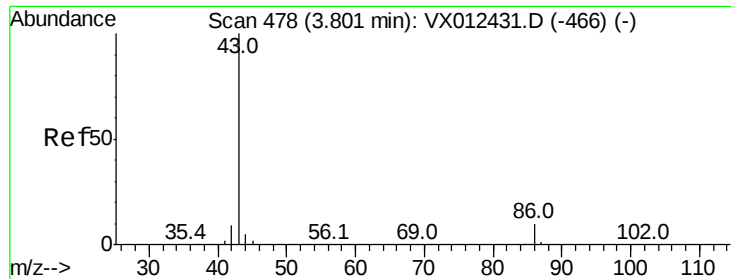
Ion 45.00 (44.70 to 45.70): VX0

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

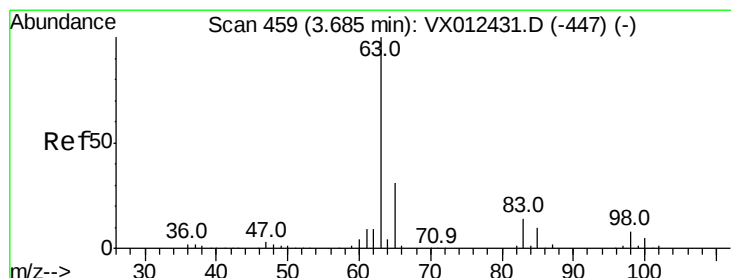
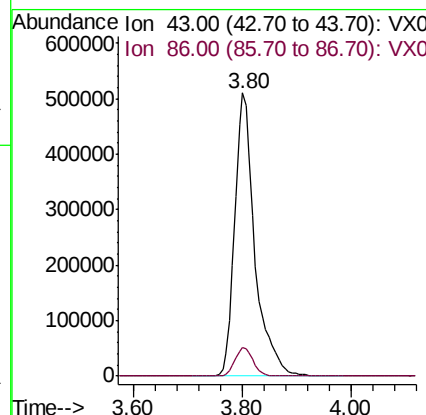
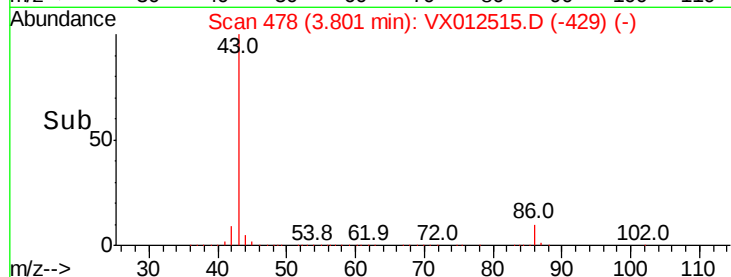
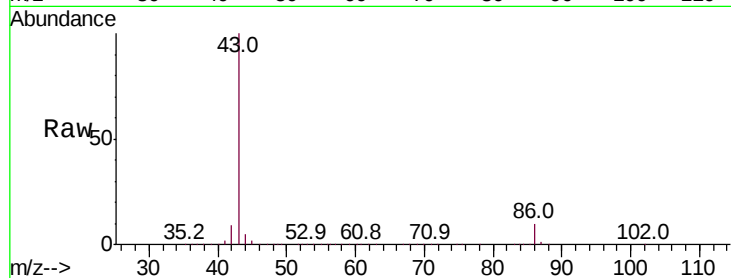




#23
 Vinyl Acetate
 Concen: 255.602 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

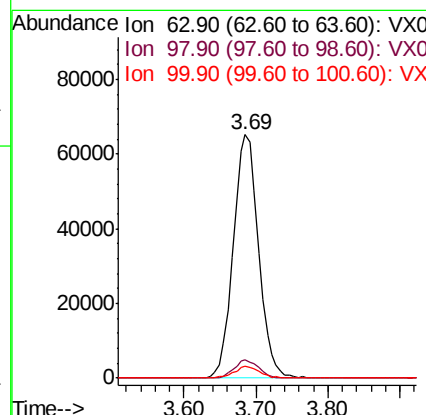
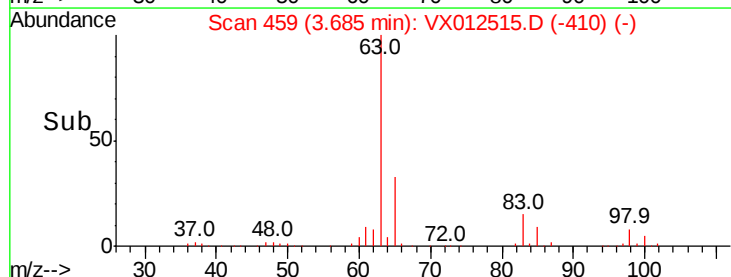
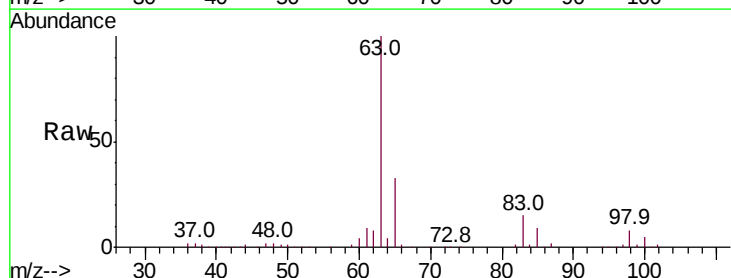
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

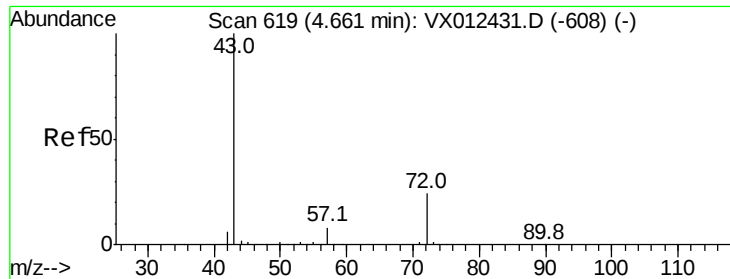
Tot Ion: 43 Resp: 1318114
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.008 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 63 Resp: 158995
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 233.381 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

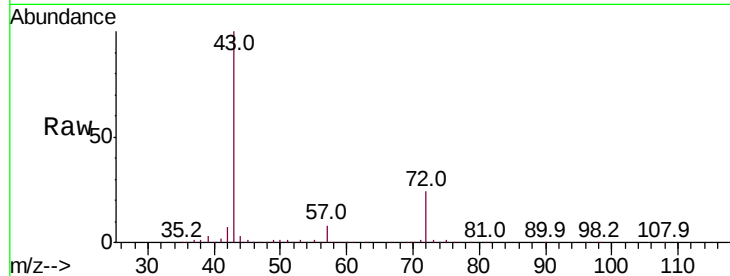
VSTDCCC050EC

Tot Ion: 43 Resp: 424404

Ion Ratio Lower Upper

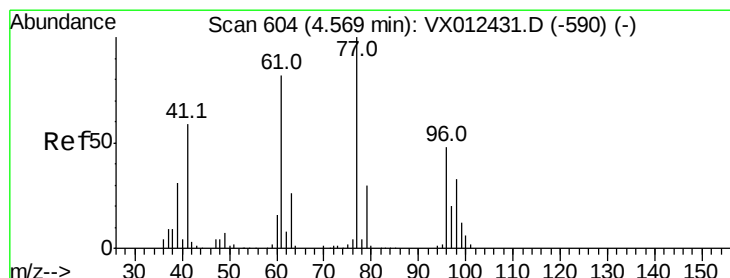
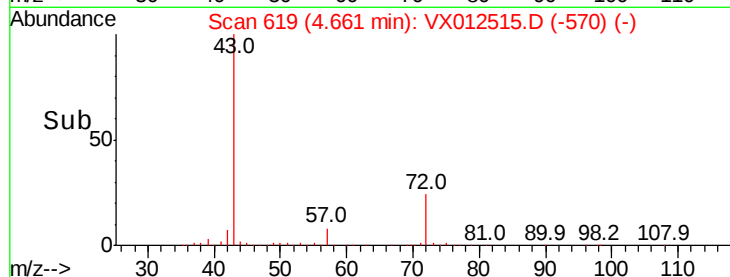
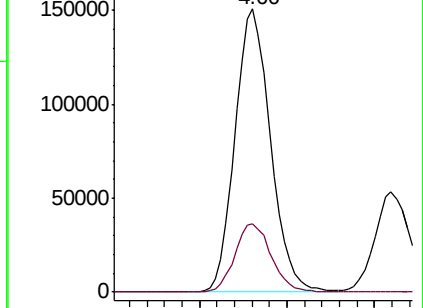
43 100

72 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.805 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012515.D

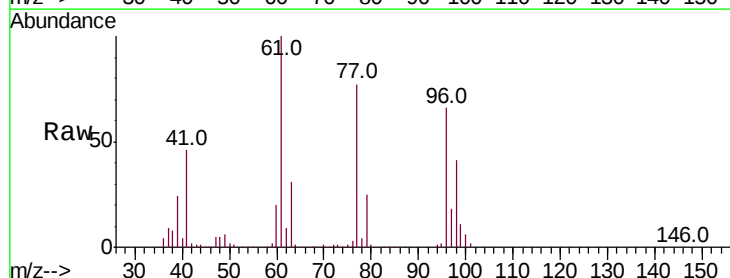
Acq: 19 Sep 2019 08:07

Tgt Ion: 77 Resp: 90871

Ion Ratio Lower Upper

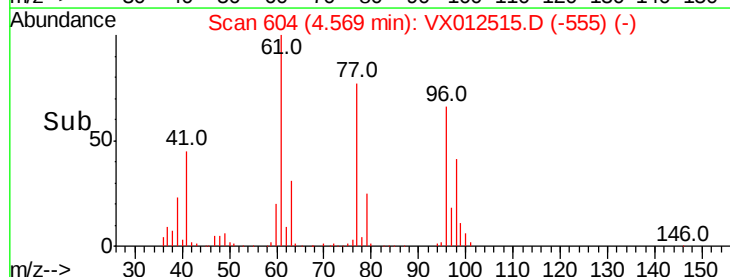
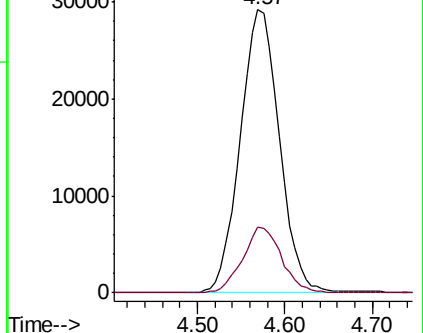
77 100

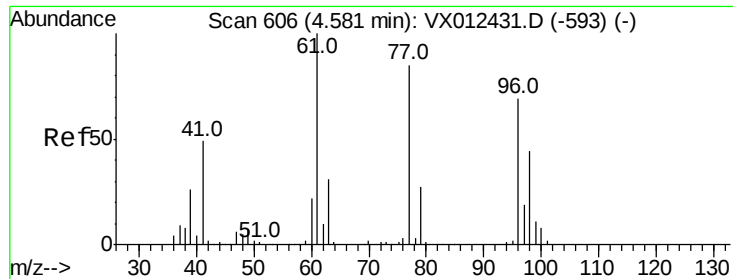
97 23.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



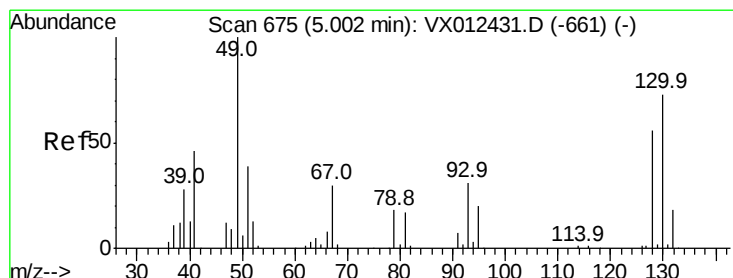
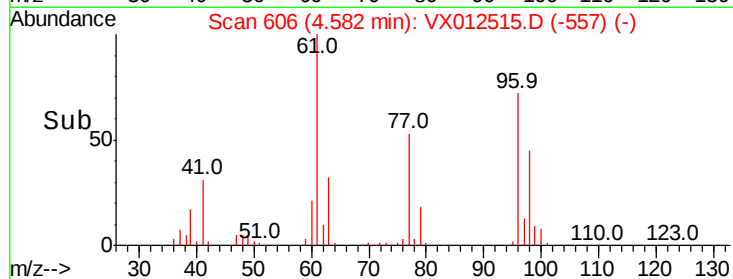
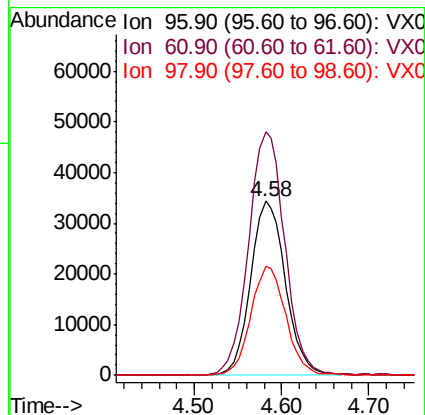
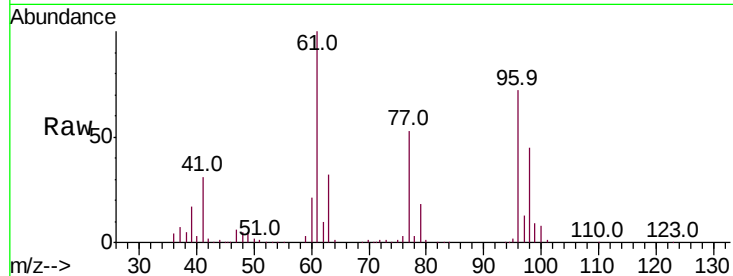


#27

cis-1,2-Dichloroethene
 Concen: 53.544 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

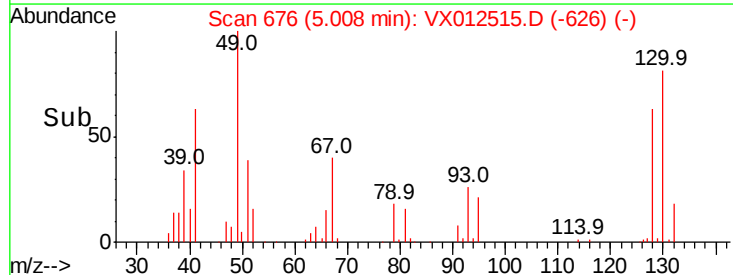
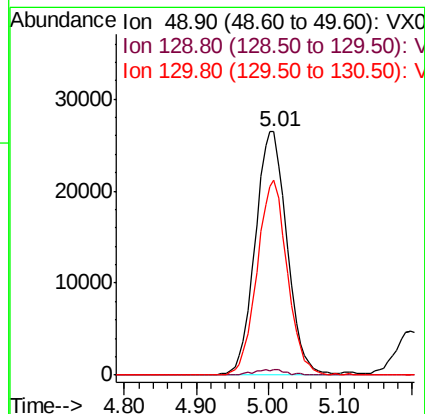
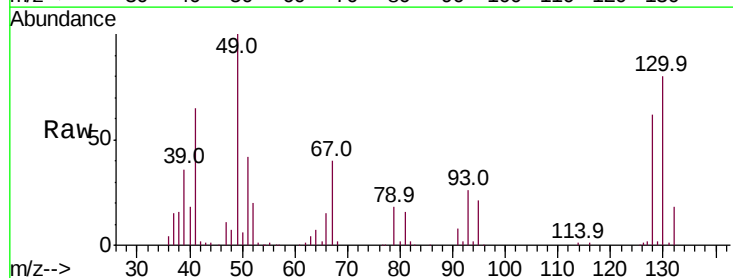
Tot Ion: 96 Resp: 95521
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 319.4
 98 63.0 0.0 130.6

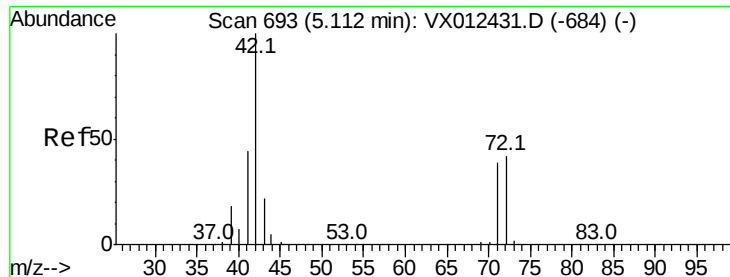


#28

Bromochloromethane
 Concen: 52.712 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 49 Resp: 81511
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 75.7 58.2 87.4





#29

Tetrahydrofuran

Concen: 259.127 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

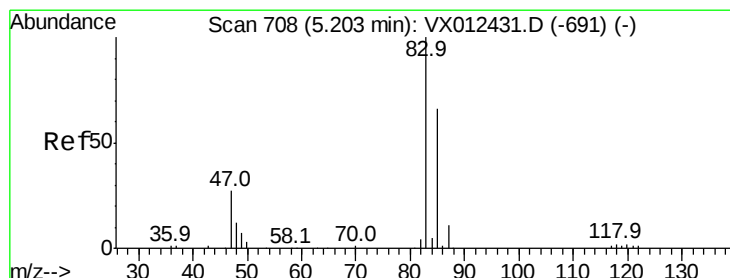
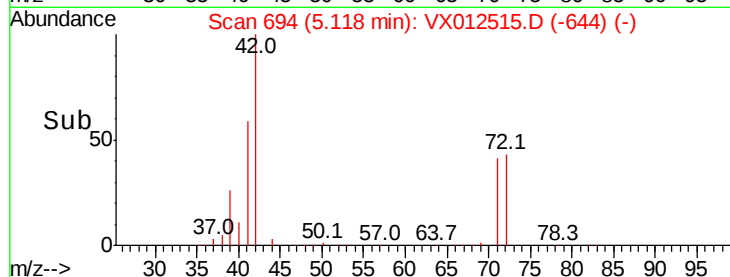
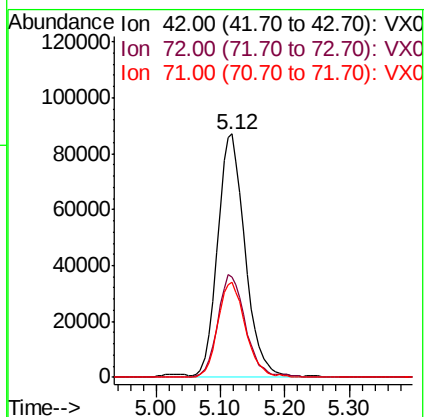
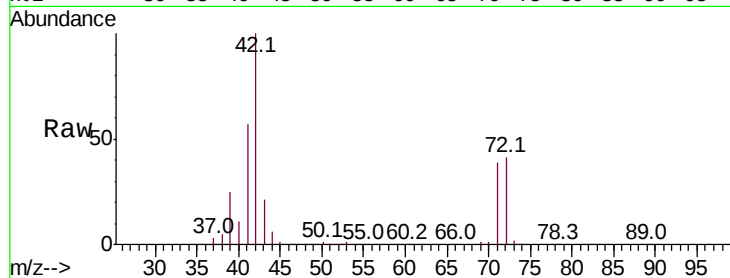
Tot Ion: 42 Resp: 260322

Ion Ratio Lower Upper

42 100

72 43.1 34.0 51.0

71 39.7 31.5 47.3



#30

Chloroform

Concen: 51.021 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012515.D

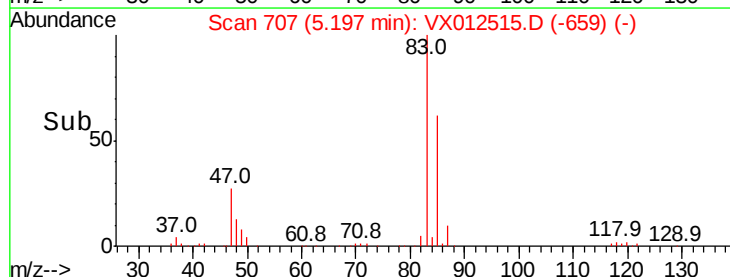
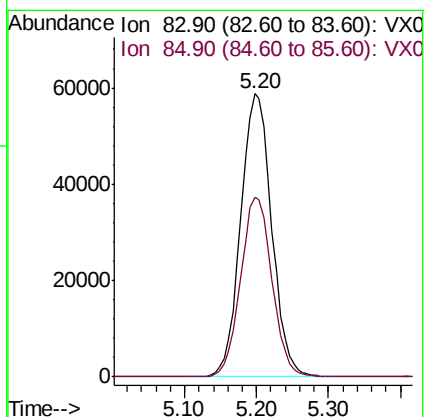
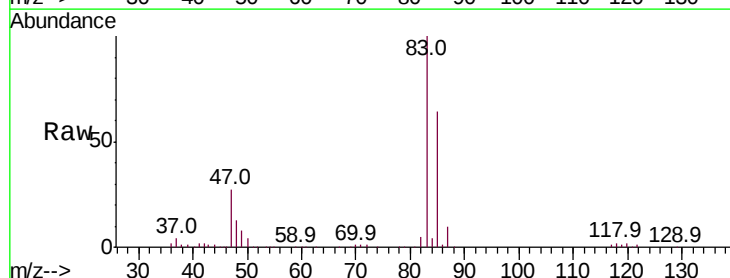
Acq: 19 Sep 2019 08:07

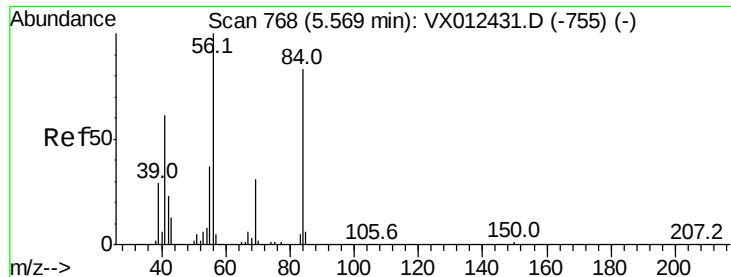
Tgt Ion: 83 Resp: 175755

Ion Ratio Lower Upper

83 100

85 63.7 53.0 79.4

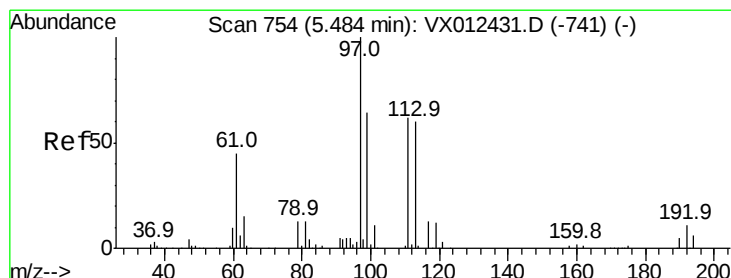
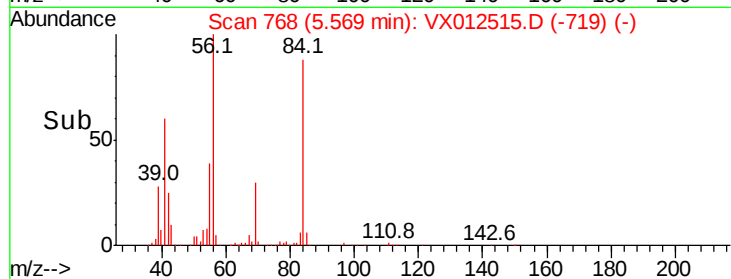
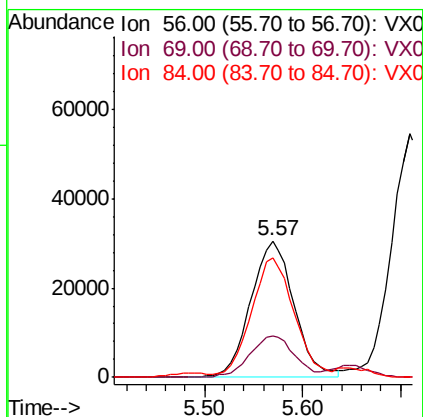
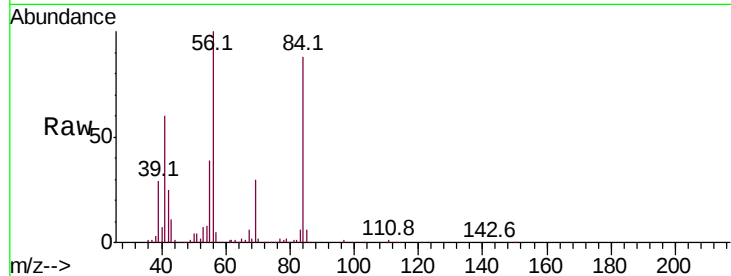




#31
Cyclohexane
Concen: 51.627 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

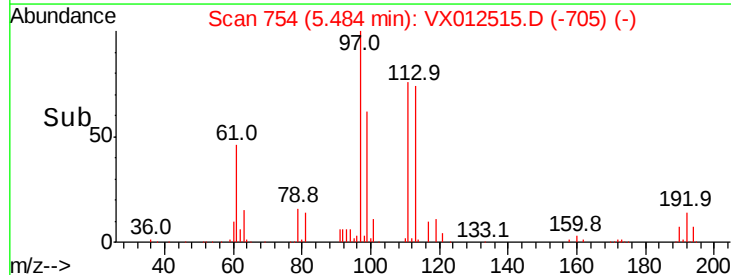
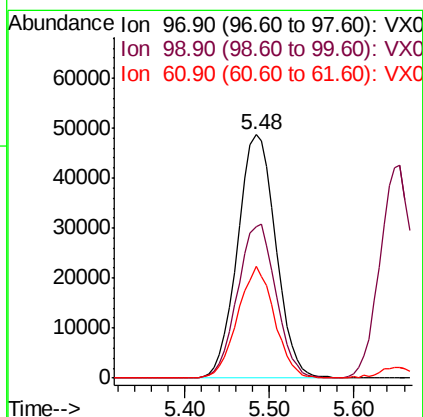
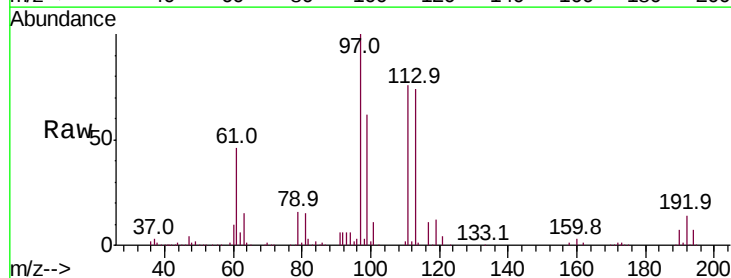
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

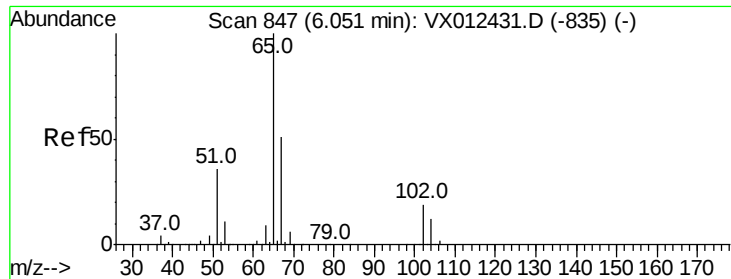
Tot Ion: 56 Resp: 93479
Ion Ratio Lower Upper
56 100
69 29.7 25.0 37.6
84 84.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.064 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 97 Resp: 149900
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 44.3 36.1 54.1

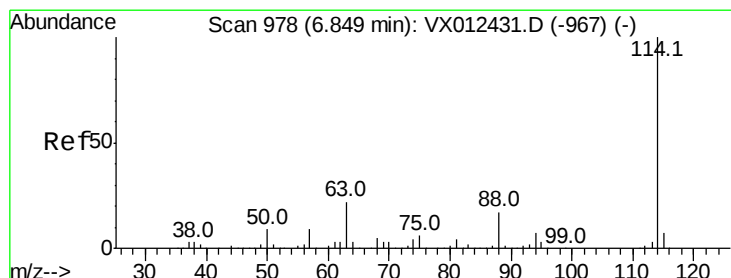
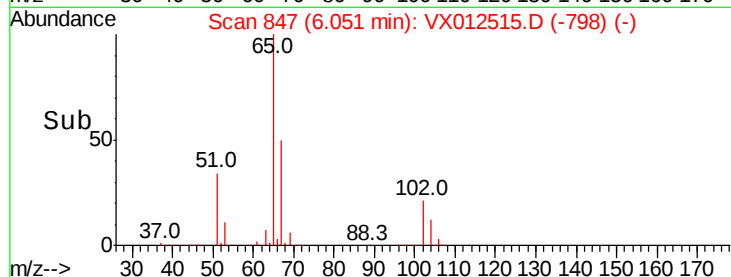
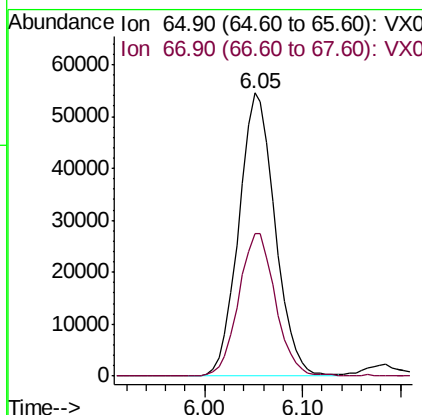
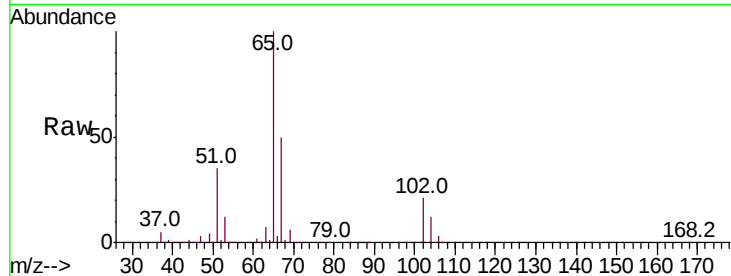




#33
 1,2-Dichloroethane-d4
 Concen: 53.494 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

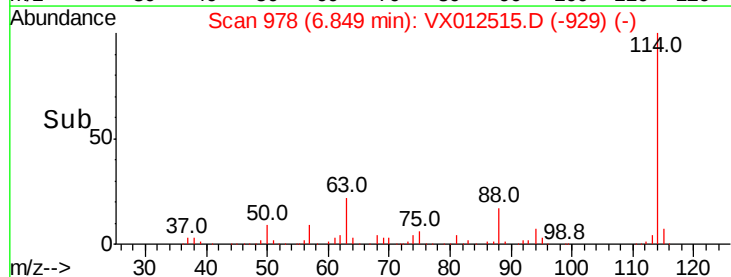
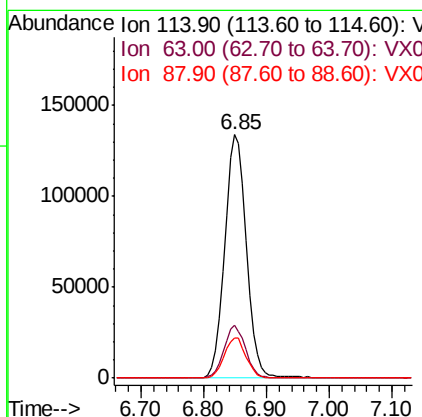
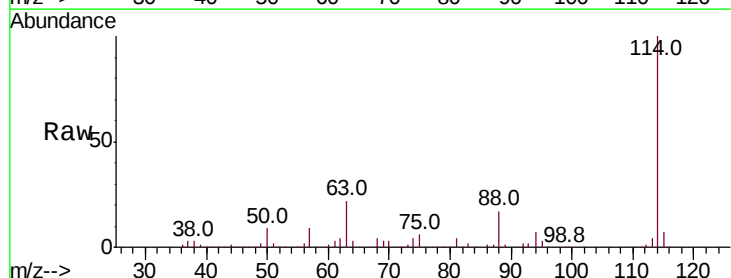
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

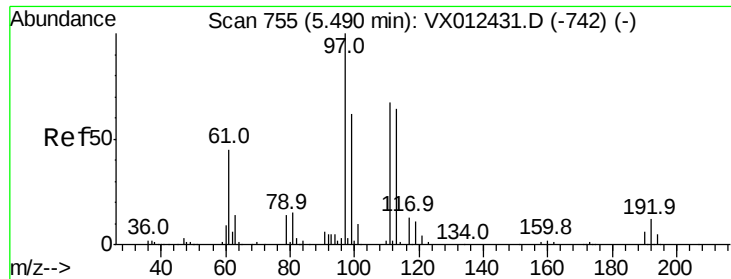
Tot Ion: 65 Resp: 140239
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 114 Resp: 320746
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.685 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

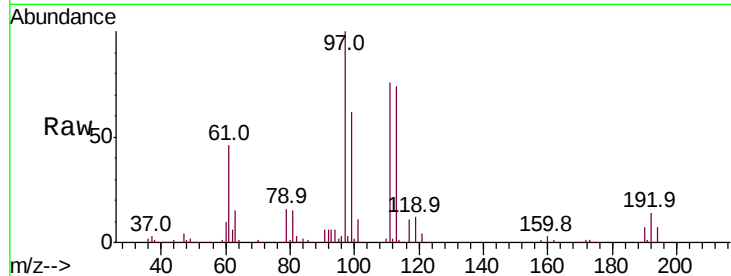
Tot Ion:113 Resp: 104221

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

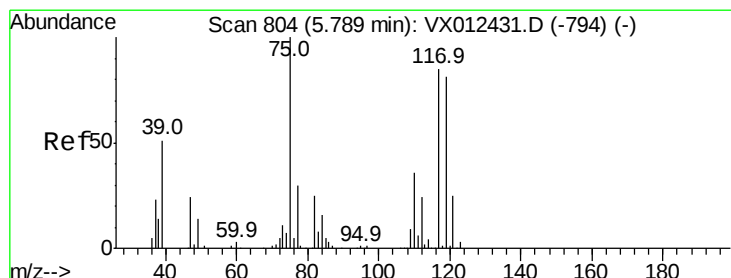
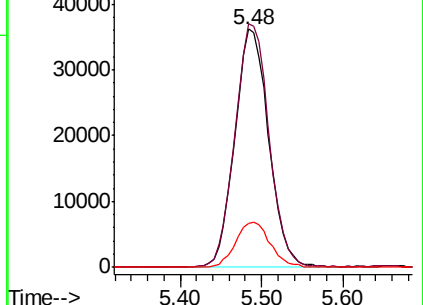
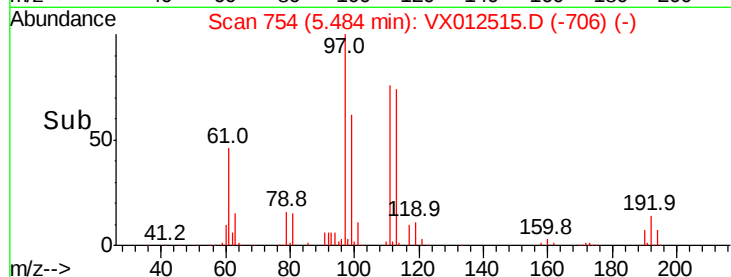
192 19.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.448 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

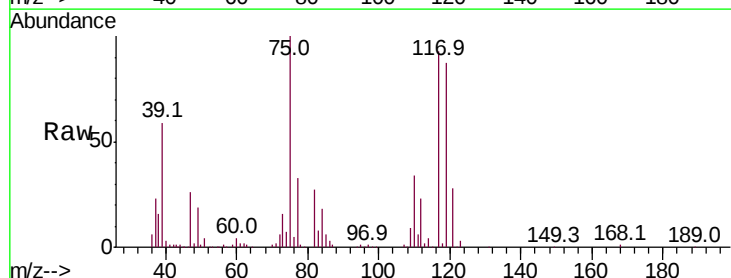
Tgt Ion: 75 Resp: 94442

Ion Ratio Lower Upper

75 100

110 36.4 16.7 50.0

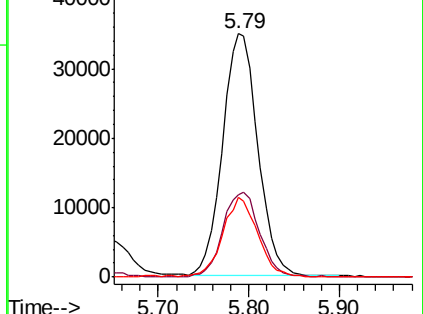
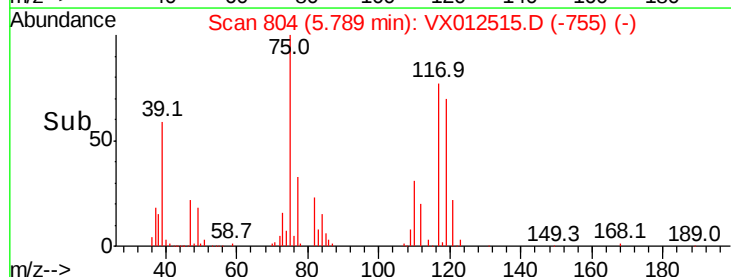
77 32.4 24.2 36.2

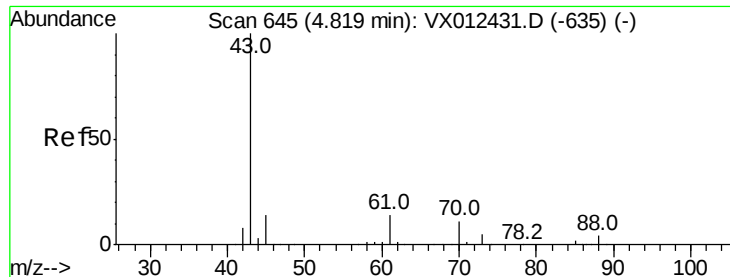


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.388 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

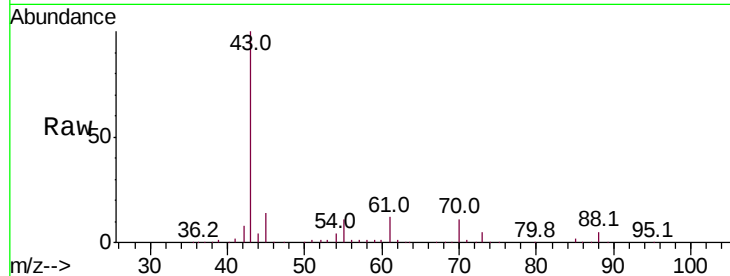
Tot Ion: 43 Resp: 153765

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.4

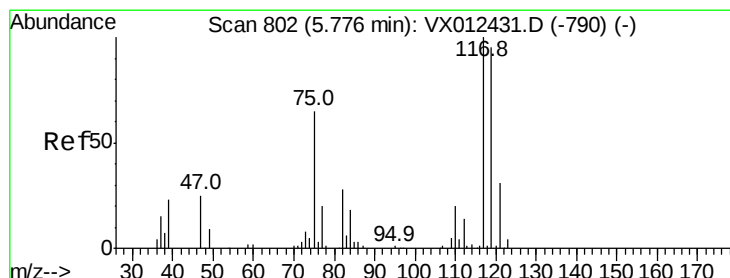
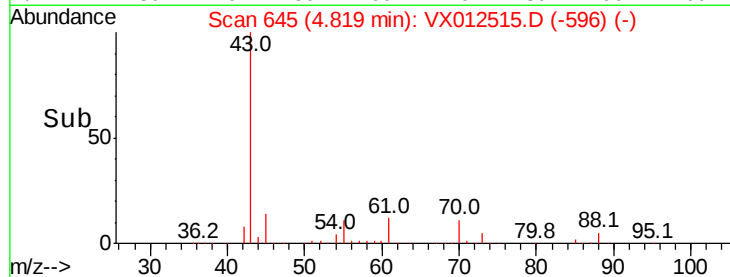
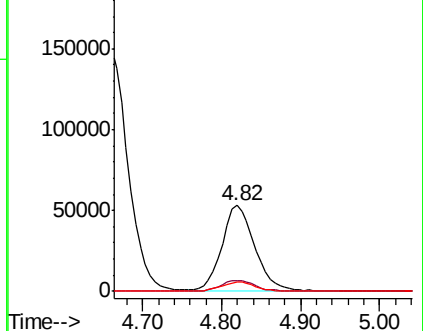
70 11.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.137 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

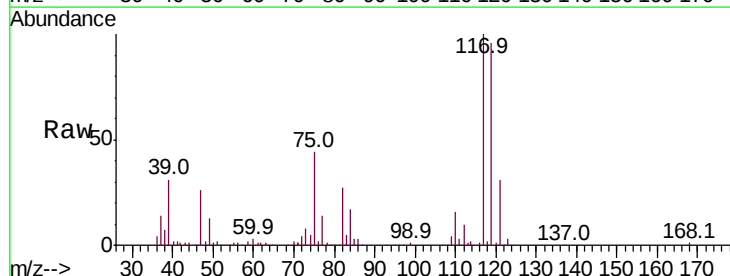
Tgt Ion: 117 Resp: 121555

Ion Ratio Lower Upper

117 100

119 95.9 75.7 113.5

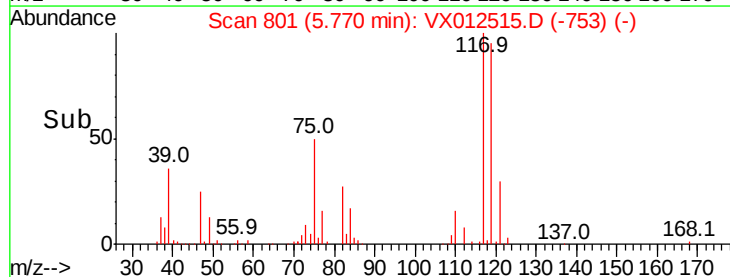
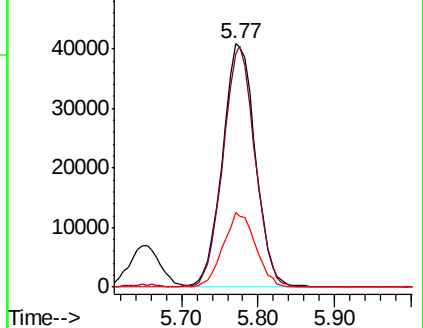
121 30.8 24.2 36.4

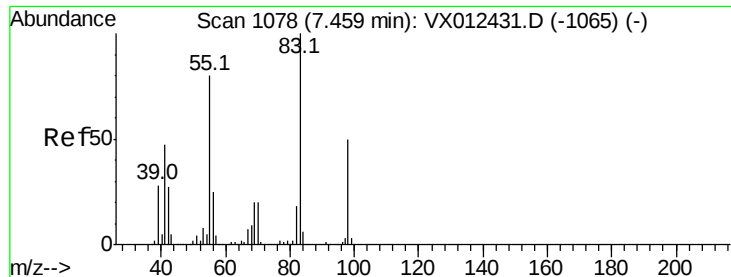


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

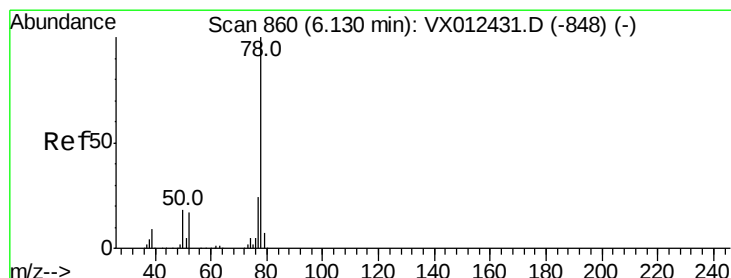
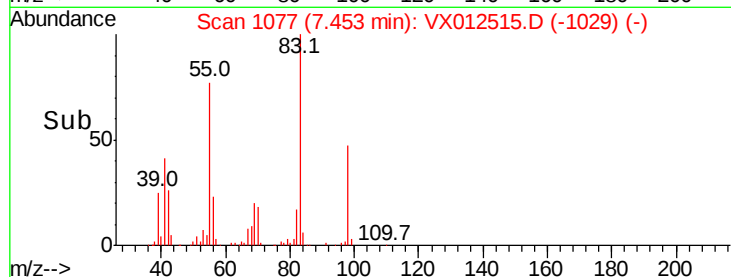
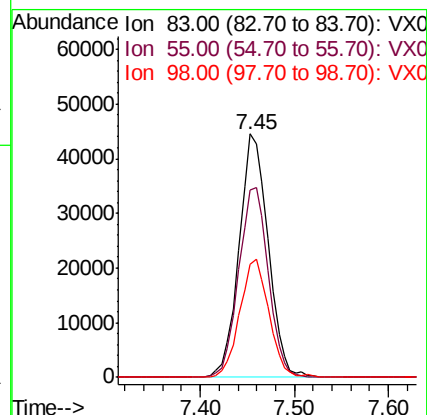
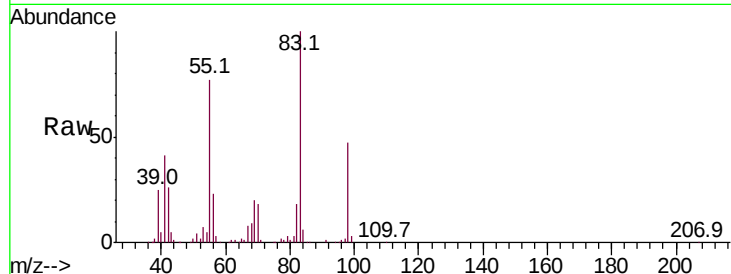




#39
Methvlcvclohexane
Concen: 50.374 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

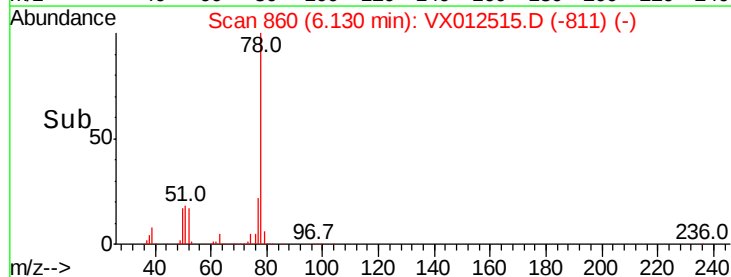
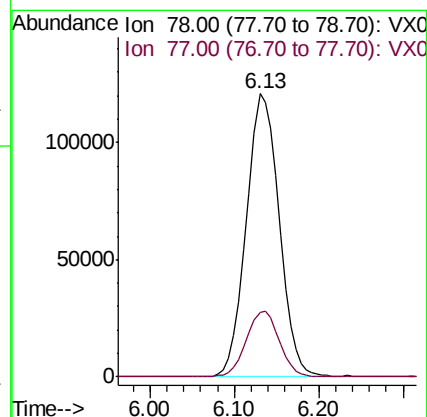
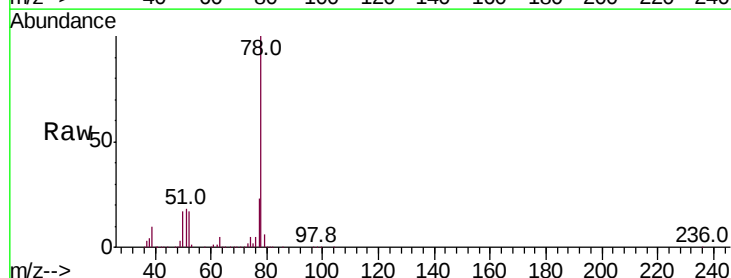
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

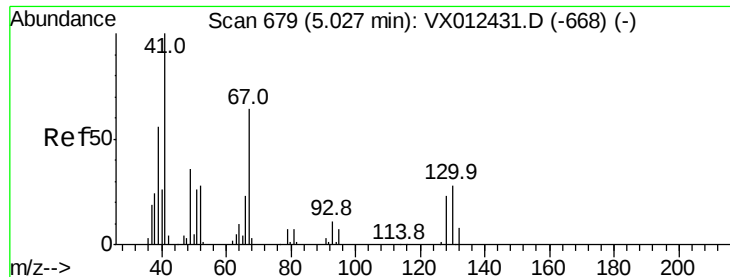
Tot Ion: 83 Resp: 95459
Ion Ratio Lower Upper
83 100
55 76.9 64.4 96.6
98 46.7 40.1 60.1



#40
Benzene
Concen: 51.505 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 78 Resp: 319273
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8





#41

Methacrylonitrile

Concen: 47.178 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 90897

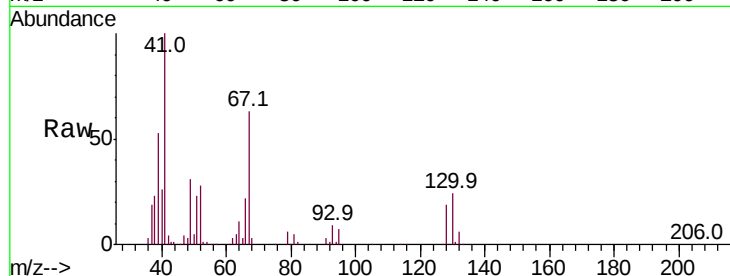
Ion Ratio Lower Upper

41 100

39 55.3 46.0 69.0

67 67.3 52.2 78.2

52 29.3 22.7 34.1

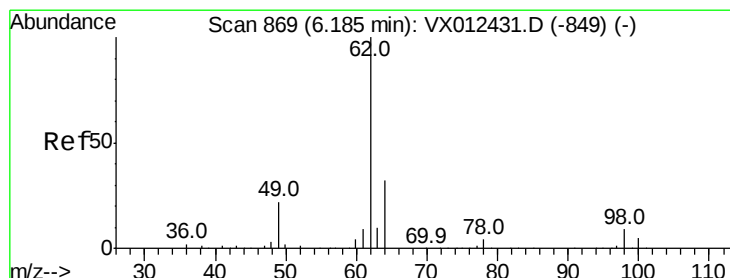
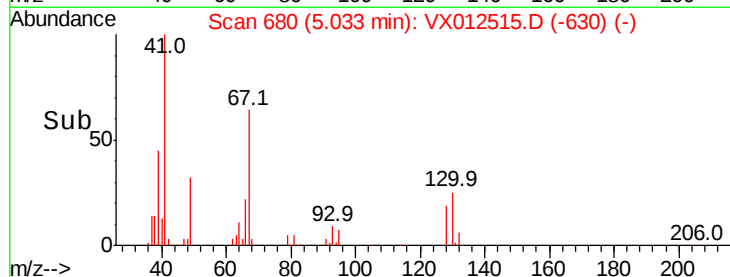
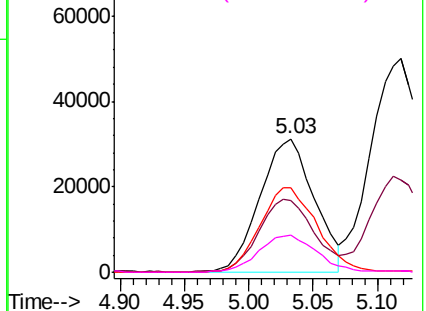


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.103 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012515.D

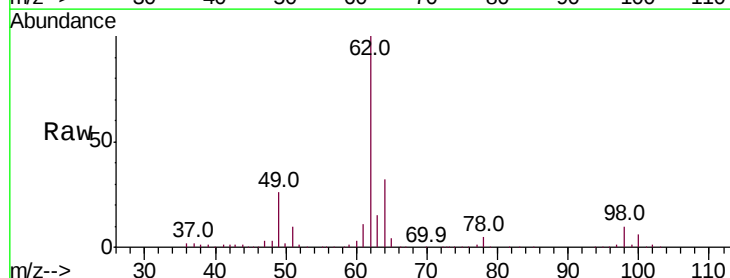
Acq: 19 Sep 2019 08:07

Tgt Ion: 62 Resp: 141177

Ion Ratio Lower Upper

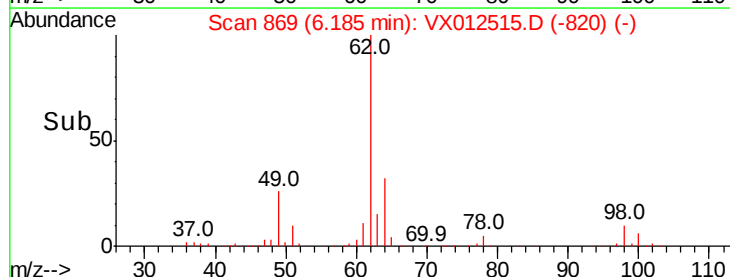
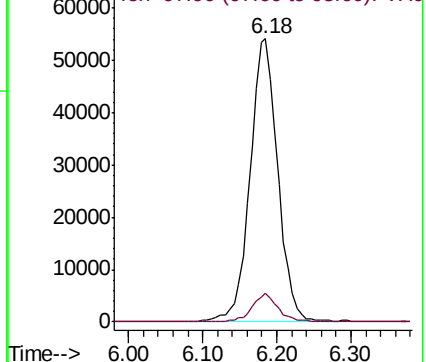
62 100

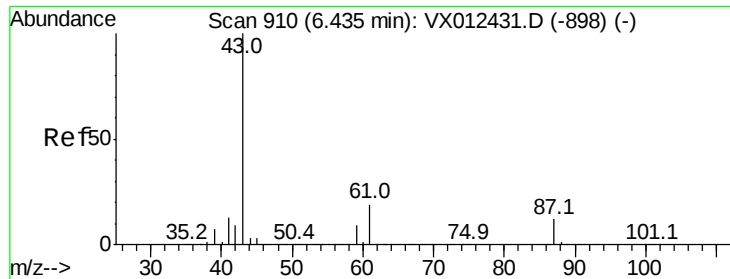
98 9.3 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



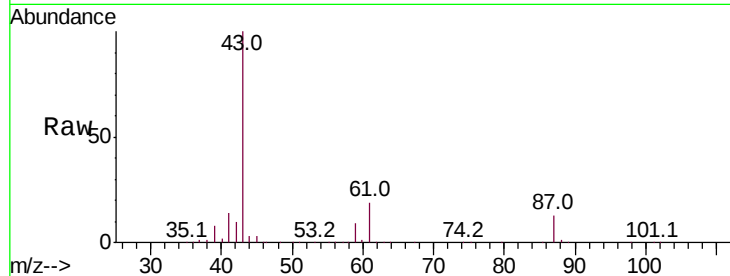


#43

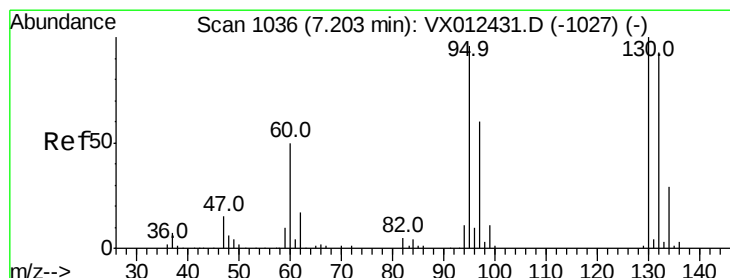
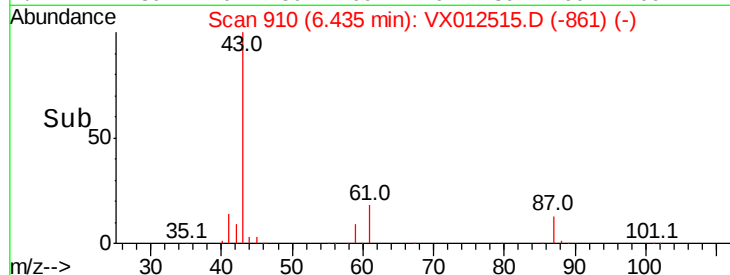
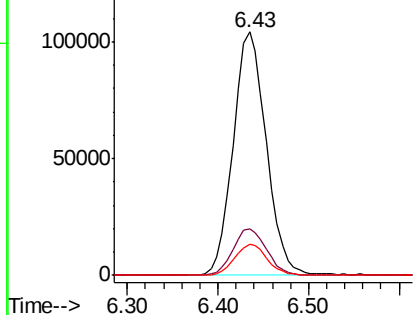
Isopropyl Acetate
 Concen: 48.977 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 263031
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.4 23.0
 87 12.6 9.8 14.8



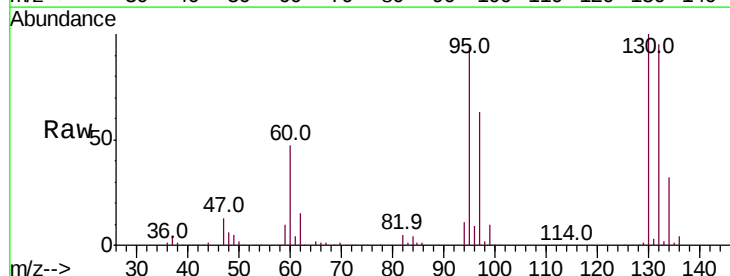
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



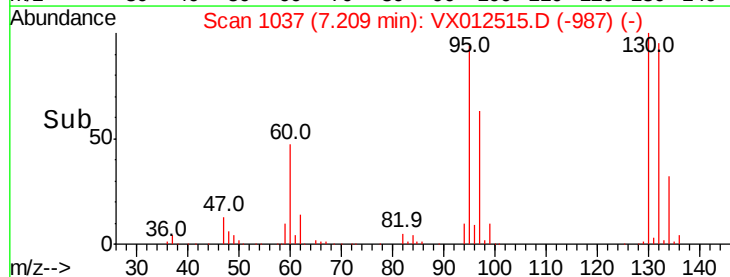
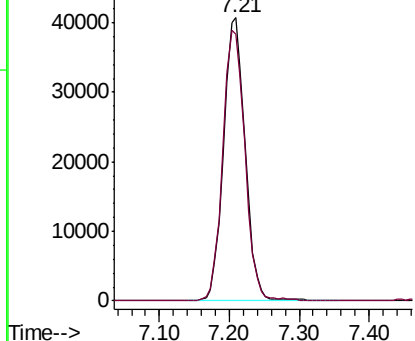
#44

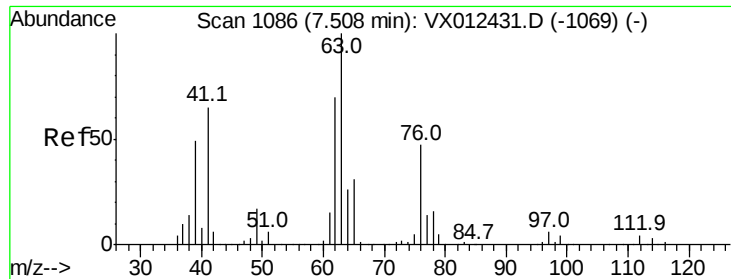
Trichloroethene
 Concen: 53.608 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion:130 Resp: 87414
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

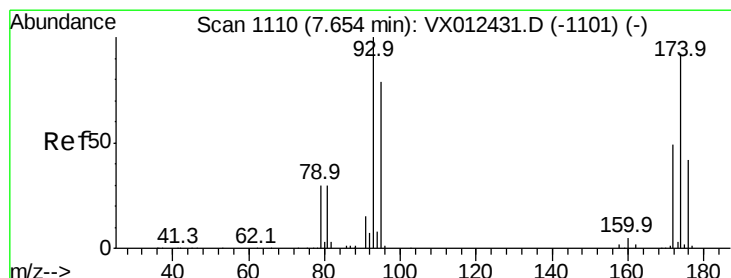
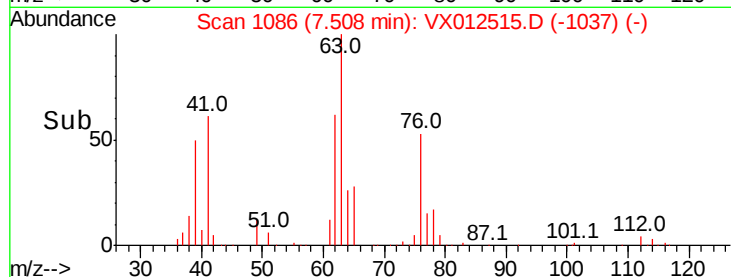
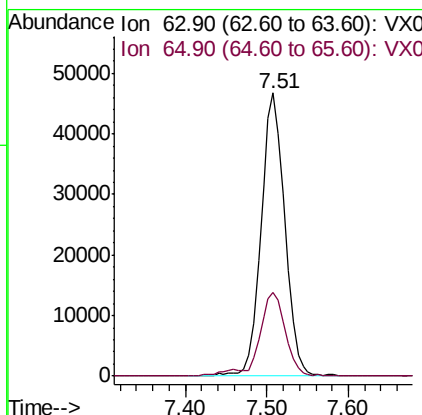
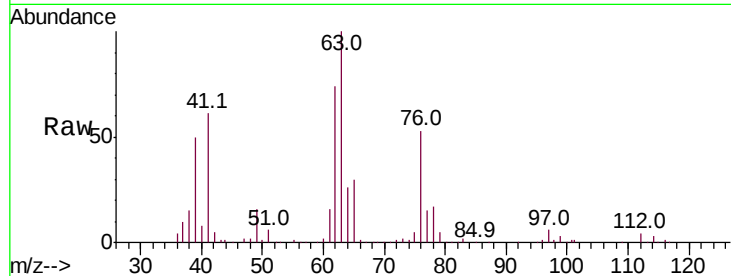




#45
 1,2-Dichloropropane
 Concen: 49.983 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

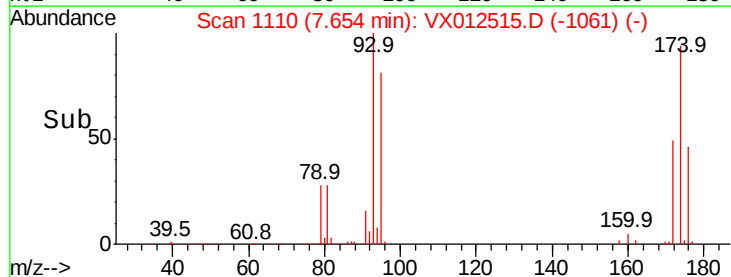
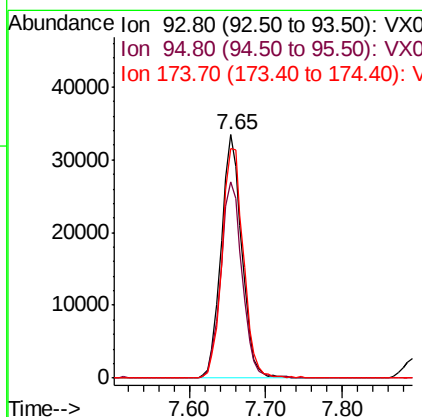
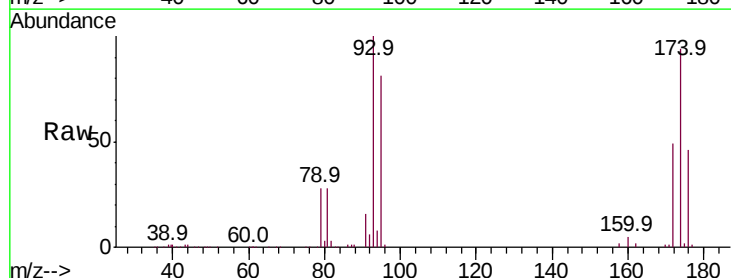
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

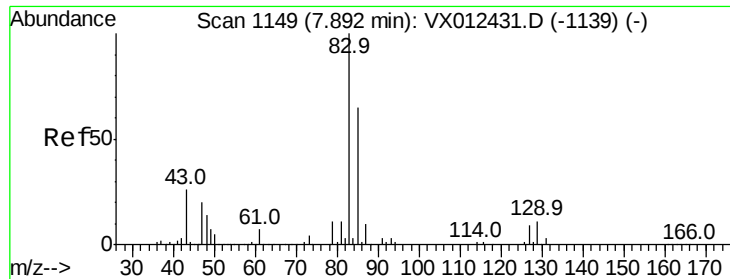
Tot Ion: 63 Resp: 95189
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.6



#46
 Dibromomethane
 Concen: 50.848 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 93 Resp: 62665
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 100.0
 174 97.1 77.4 116.0





#47

Bromodichloromethane

Concen: 51.157 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

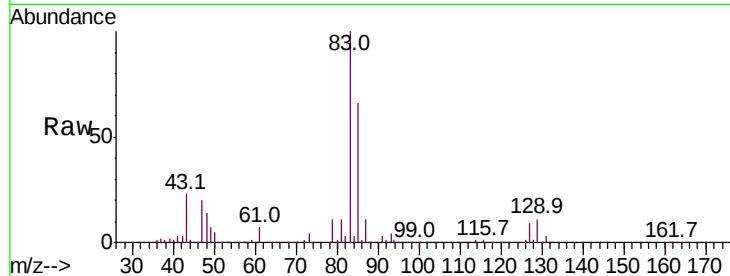
Tot Ion: 83 Resp: 140378

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.6

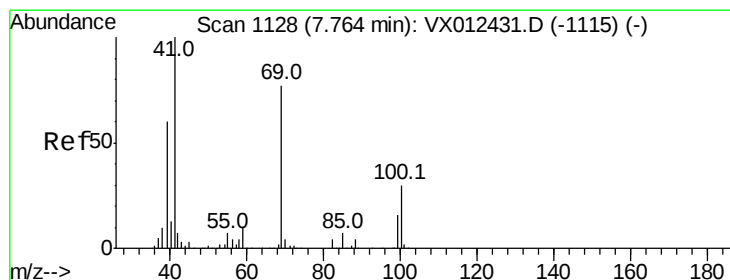
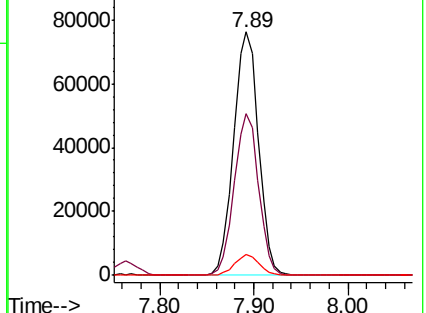
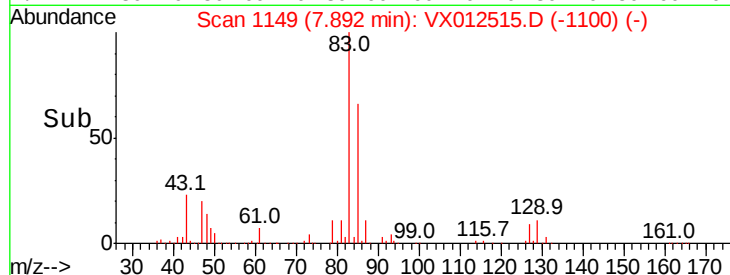
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.819 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

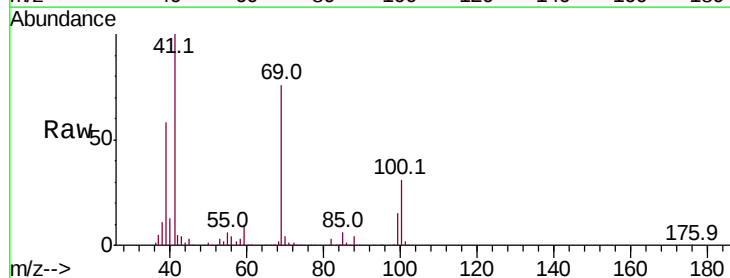
Tgt Ion: 41 Resp: 126121

Ion Ratio Lower Upper

41 100

69 77.0 59.9 89.9

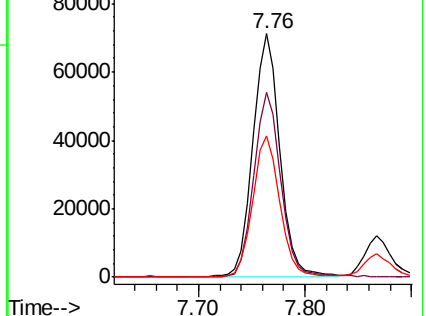
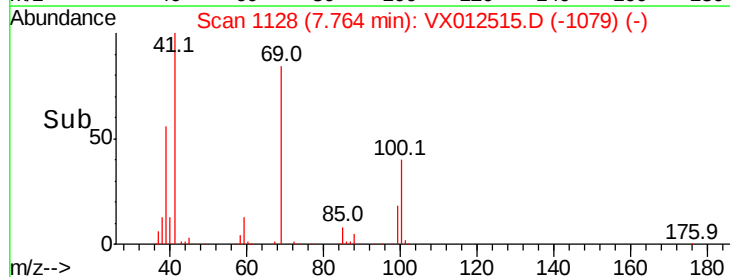
39 58.4 47.8 71.6

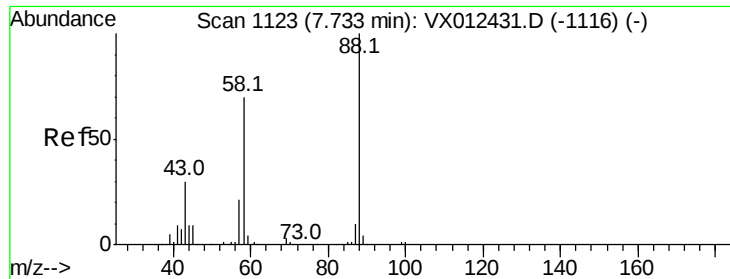


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



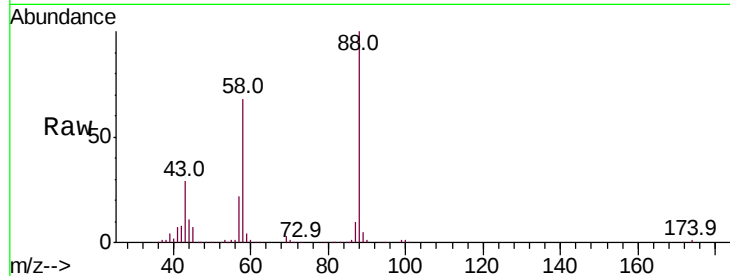


#49
 1,4-Dioxane
 Concen: 944.886 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

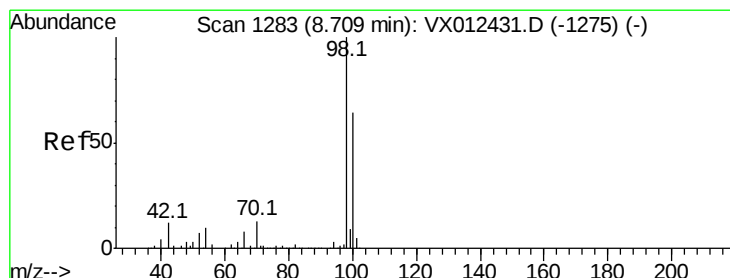
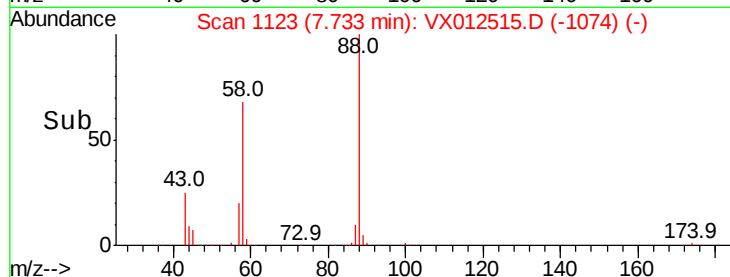
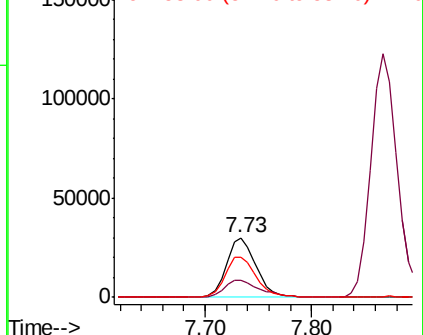
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 58219

Ion	Ratio	Lower	Upper
88	100		
43	33.6	29.4	44.0
58	72.2	57.5	86.3



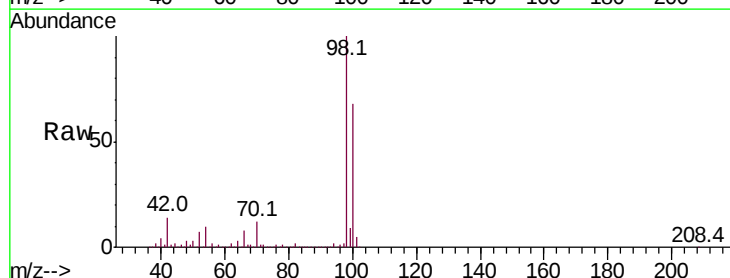
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



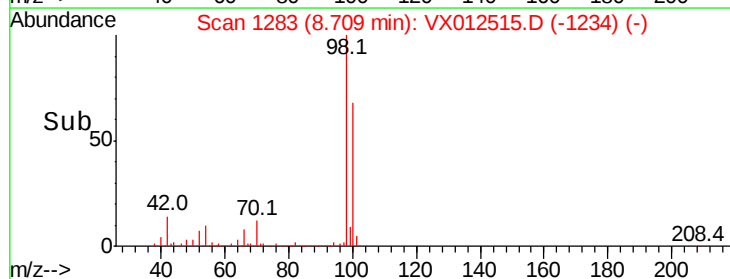
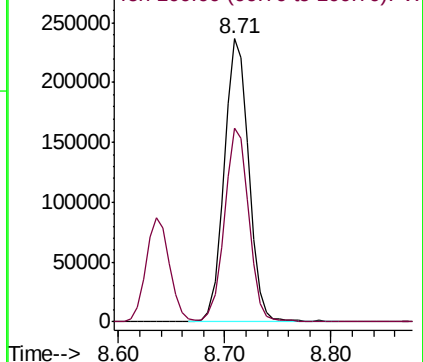
#50
 Toluene-d8
 Concen: 53.255 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

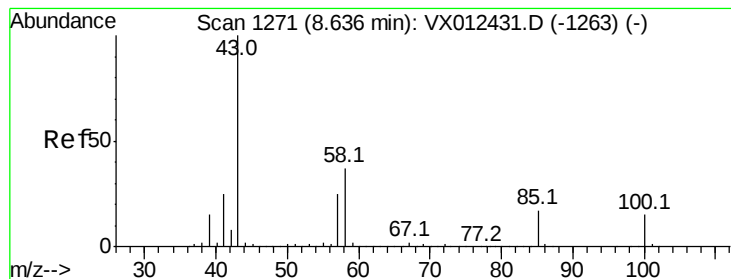
Tgt Ion: 98 Resp: 382681

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 245.160 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

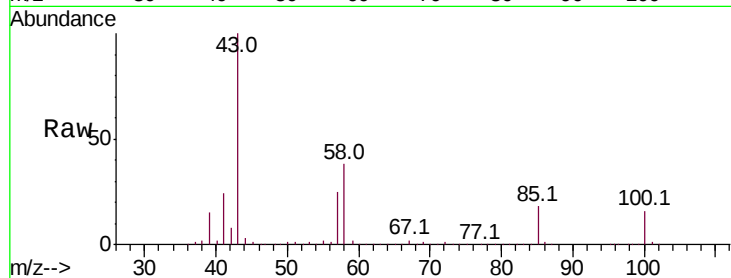
VSTDCCC050EC

Tot Ion: 43 Resp: 863438

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

300000

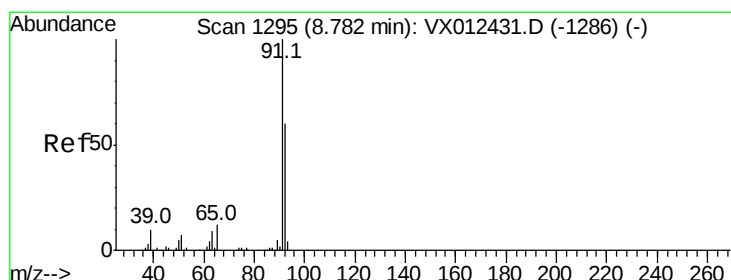
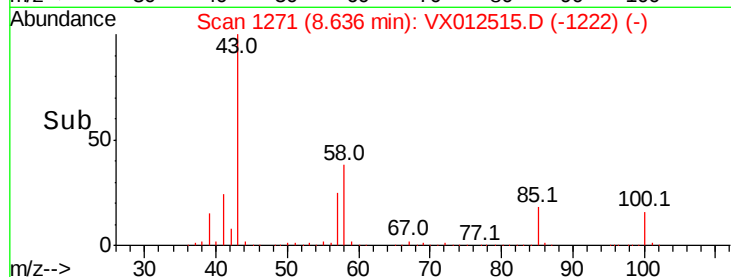
200000

100000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 51.636 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012515.D

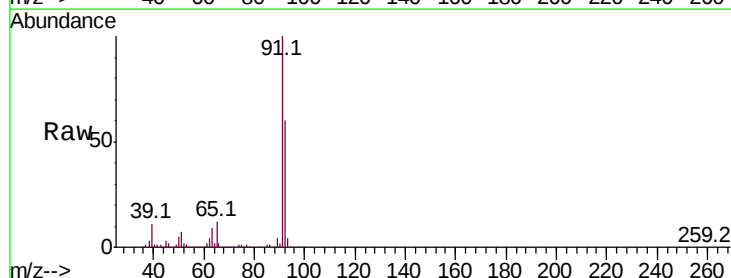
Acq: 19 Sep 2019 08:07

Tgt Ion: 92 Resp: 206252

Ion Ratio Lower Upper

92 100

91 168.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

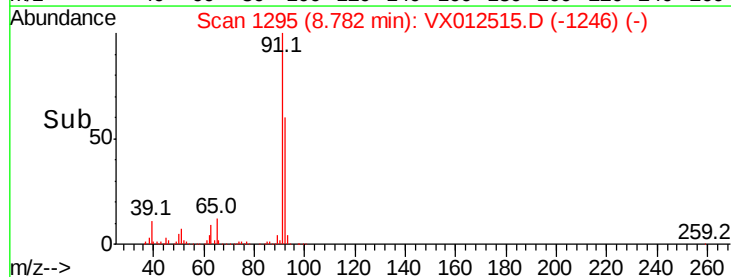
100000

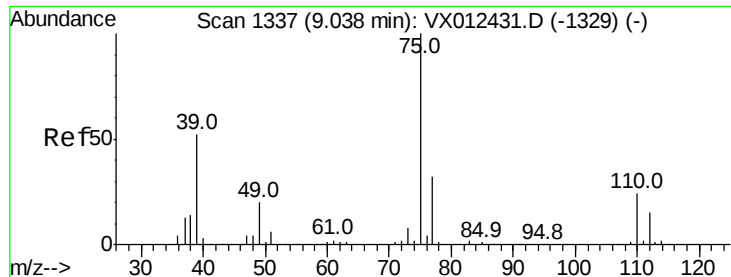
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.821 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

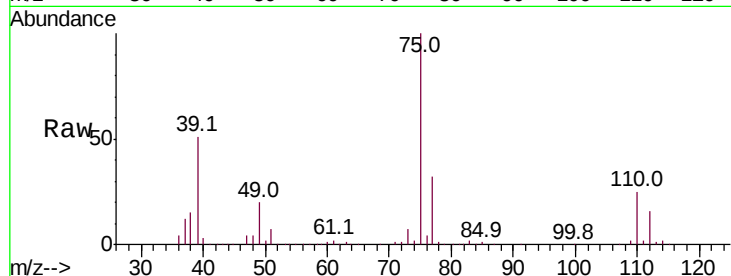
VSTDCCC050EC

Tot Ion: 75 Resp: 136407

Ion Ratio Lower Upper

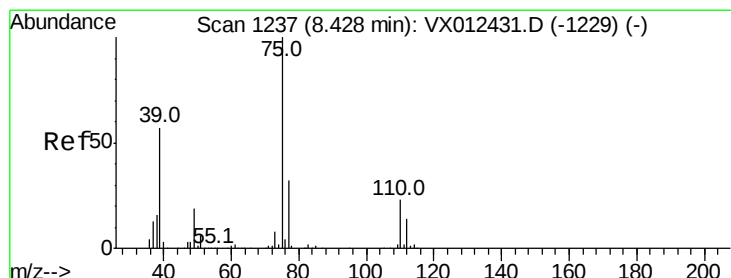
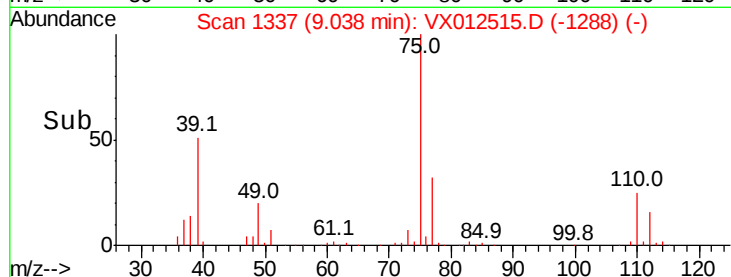
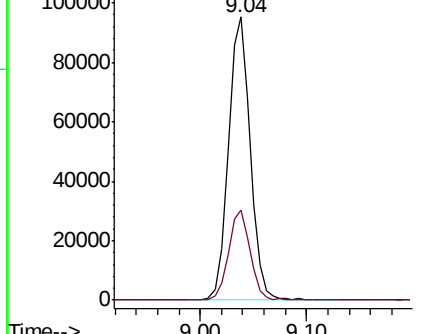
75 100

77 31.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.430 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

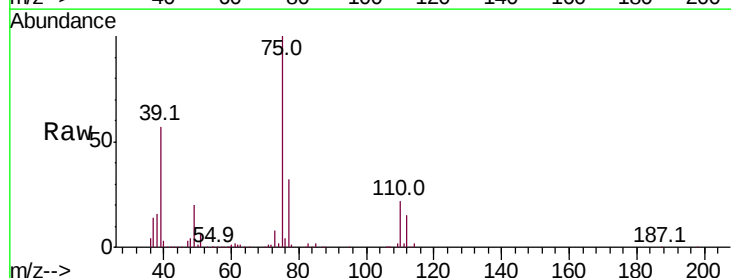
Tgt Ion: 75 Resp: 143018

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

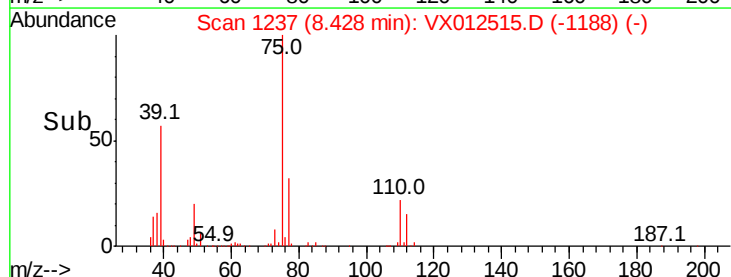
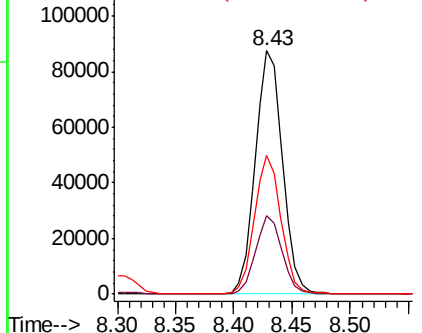
39 56.8 45.5 68.3

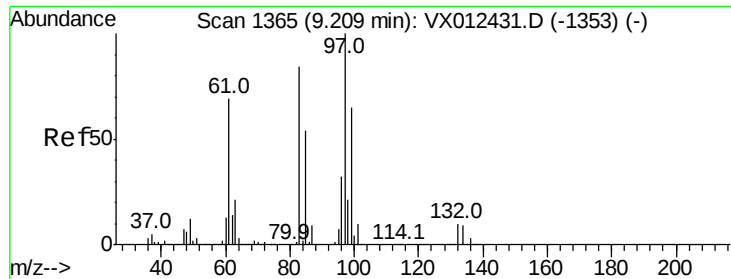


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

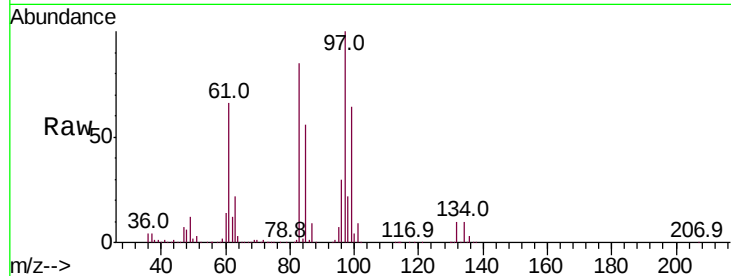




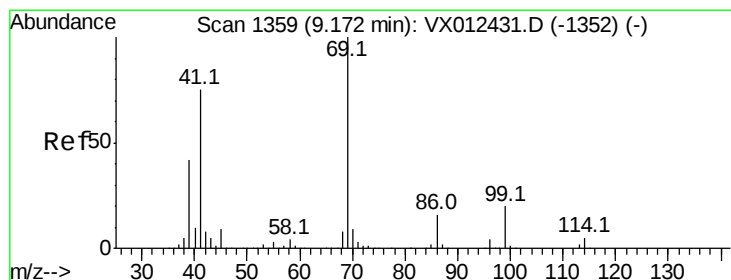
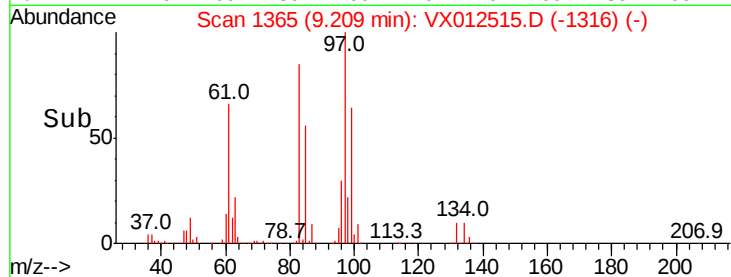
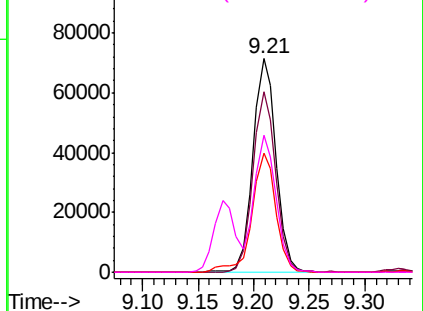
#55
 1,1,2-Trichloroethane
 Concen: 50.307 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 103525
 Ion Ratio Lower Upper
 97 100
 83 84.6 67.4 101.2
 85 55.7 43.5 65.3
 99 64.0 51.8 77.8

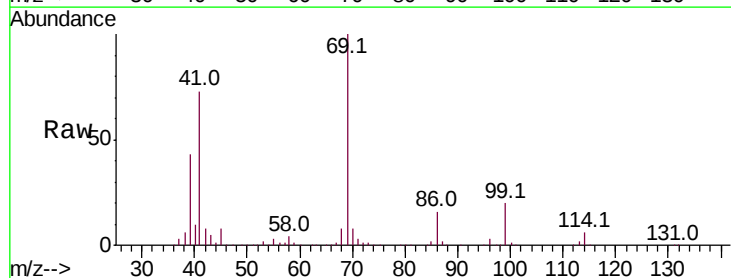


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

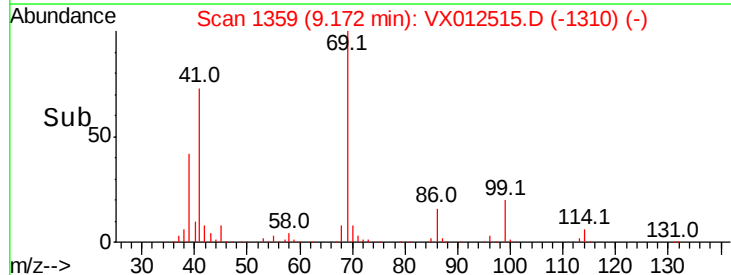
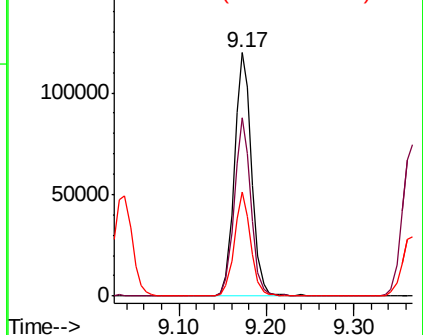


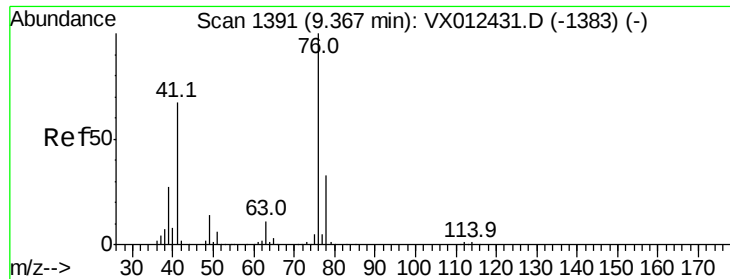
#56
 Ethyl methacrylate
 Concen: 51.263 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 69 Resp: 164936
 Ion Ratio Lower Upper
 69 100
 41 70.8 58.4 87.6
 39 40.5 33.4 50.0



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





#57

1,3-Dichloropropane

Concen: 50.503 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

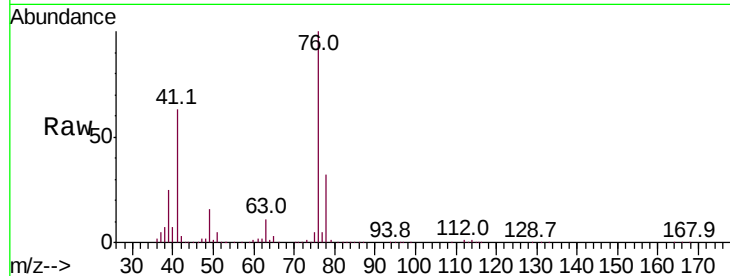
VSTDCCC050EC

Tot Ion: 76 Resp: 165820

Ion Ratio Lower Upper

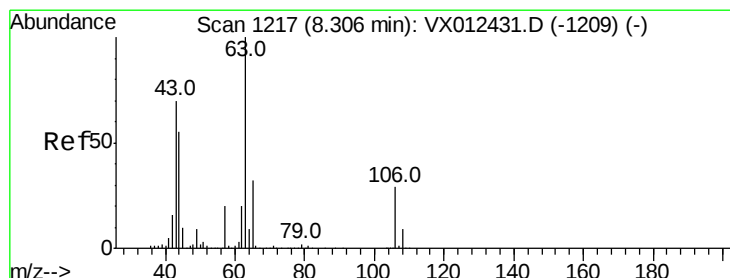
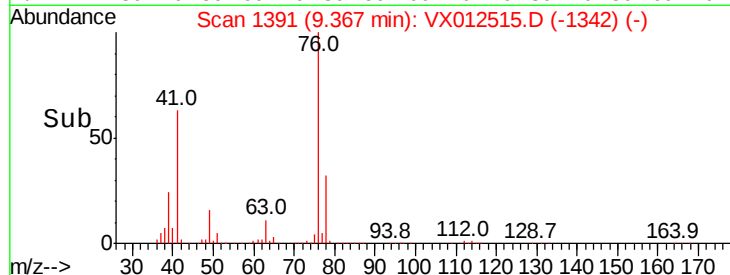
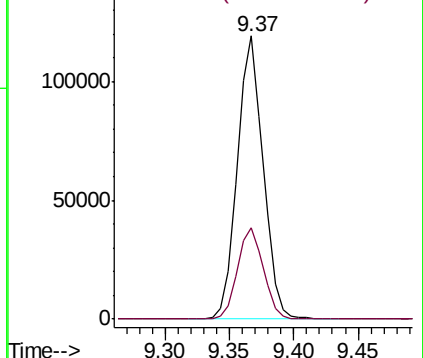
76 100

78 32.4 26.2 39.2



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: 264.363 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012515.D

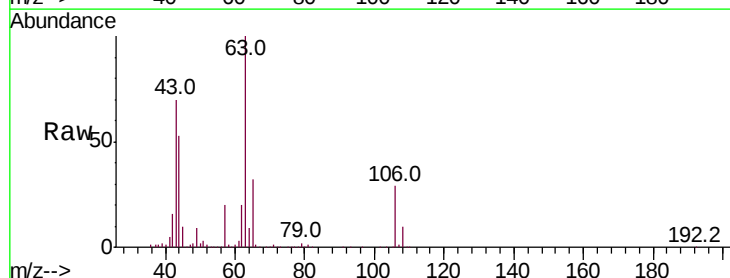
Acq: 19 Sep 2019 08:07

Tgt Ion: 63 Resp: 440291

Ion Ratio Lower Upper

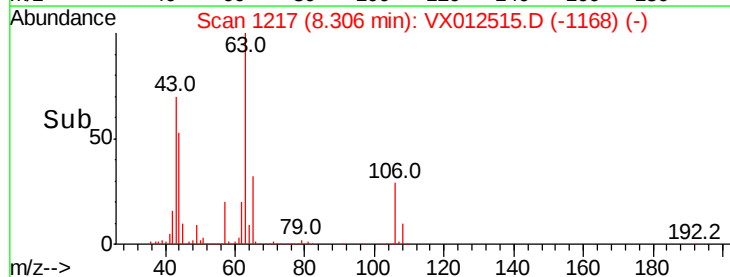
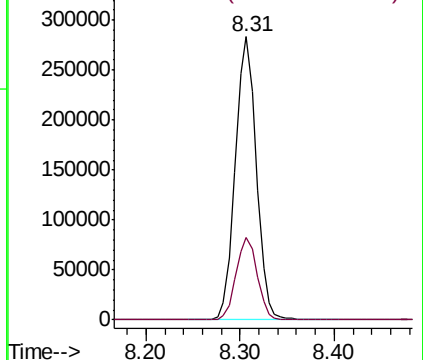
63 100

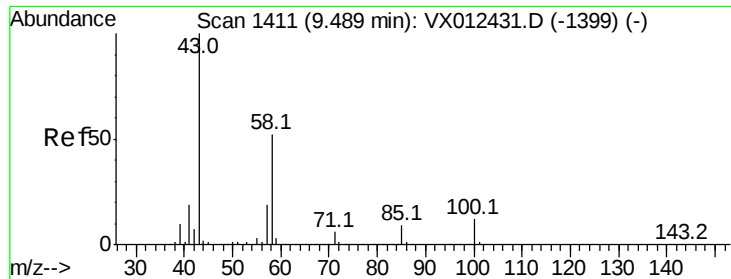
106 29.3 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

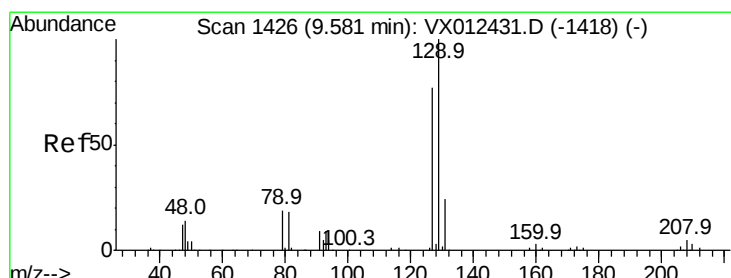
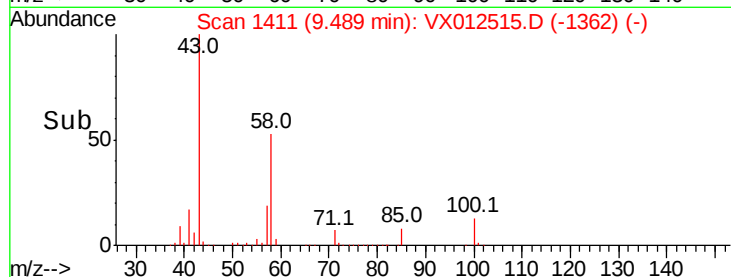
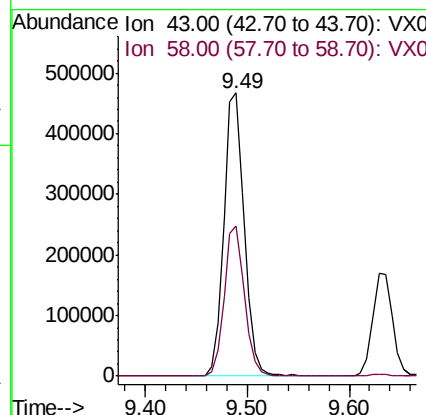
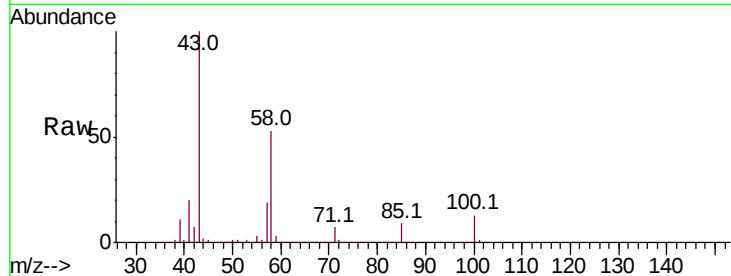




#59
2-Hexanone
Concen: 239.146 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

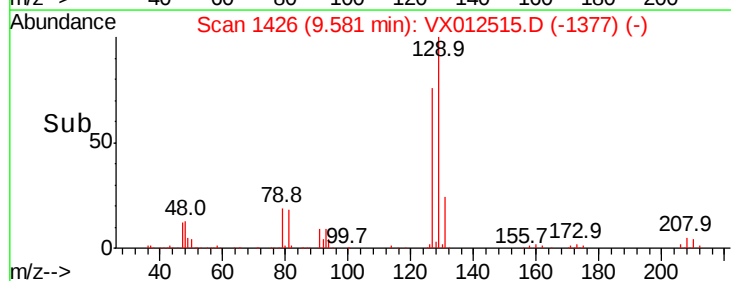
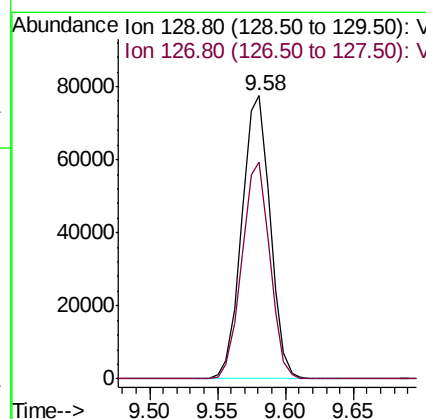
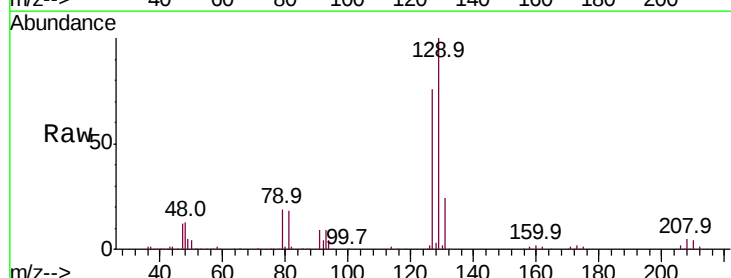
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

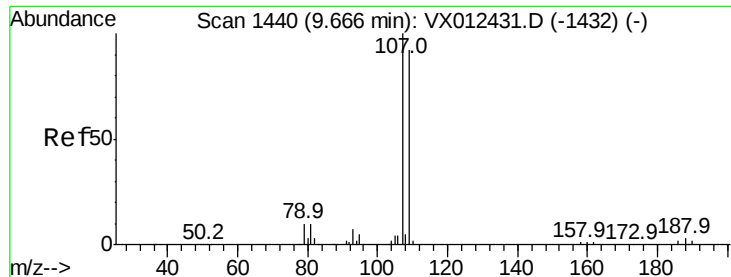
Tot Ion: 43 Resp: 657102
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.1



#60
Dibromochloromethane
Concen: 53.832 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 129 Resp: 112840
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.926 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

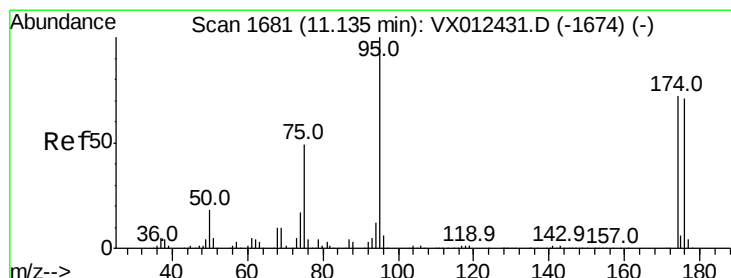
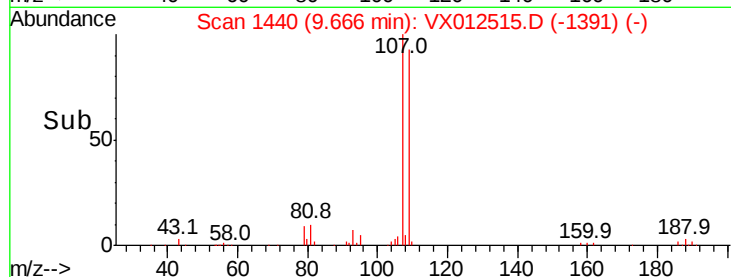
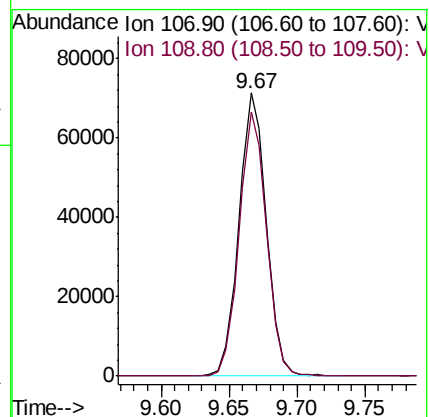
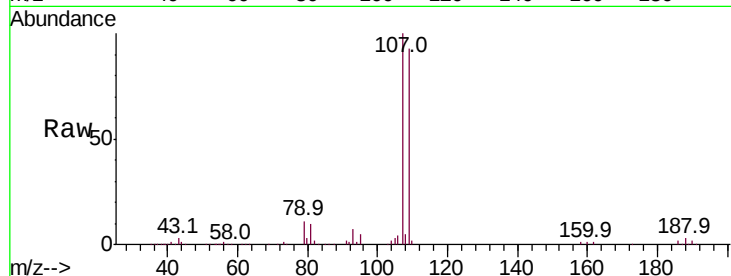
VSTDCCC050EC

Tot Ion:107 Resp: 99471

Ion Ratio Lower Upper

107 100

109 93.3 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 52.400 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

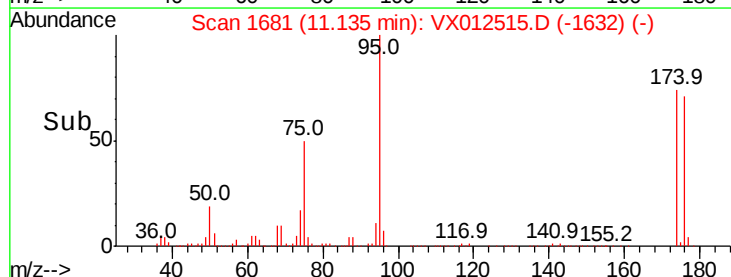
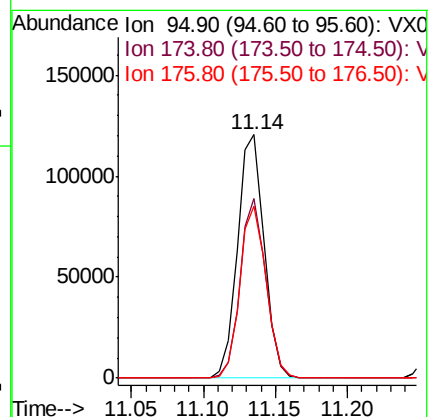
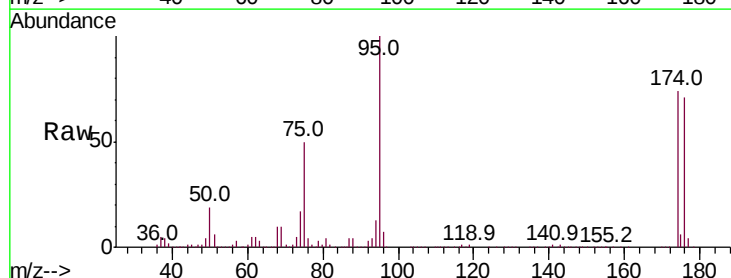
Tgt Ion: 95 Resp: 156339

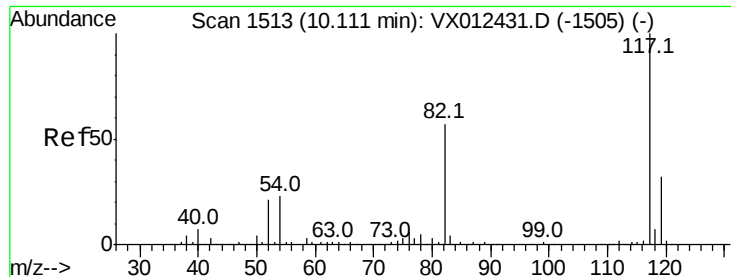
Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

176 69.8 0.0 135.4

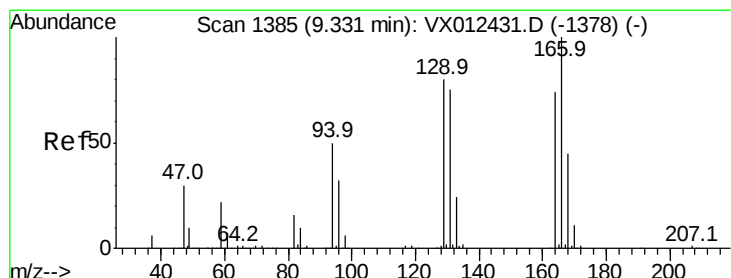
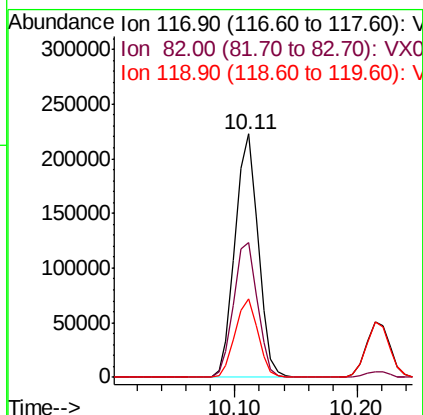
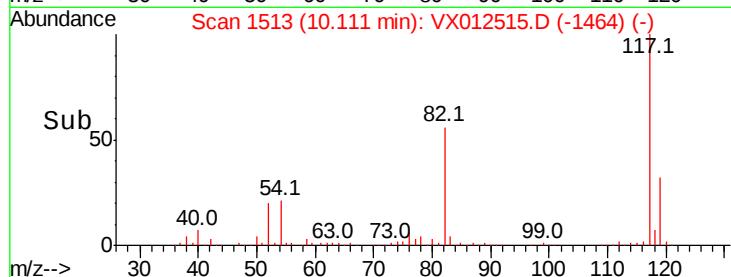
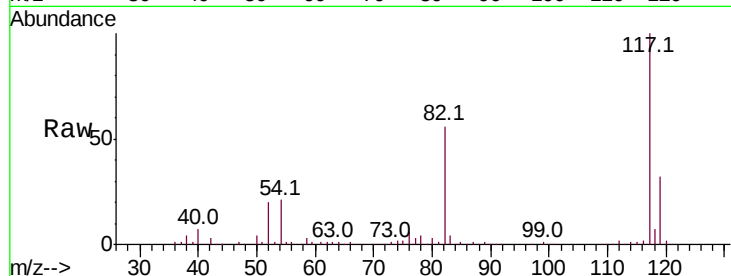




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

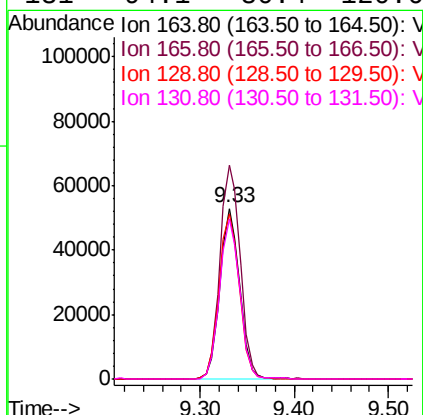
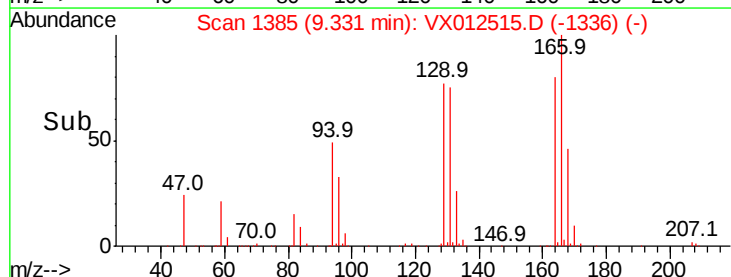
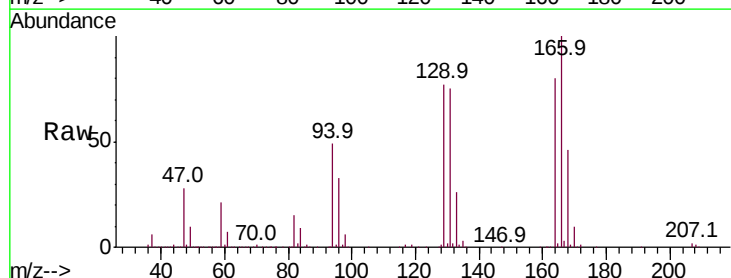
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

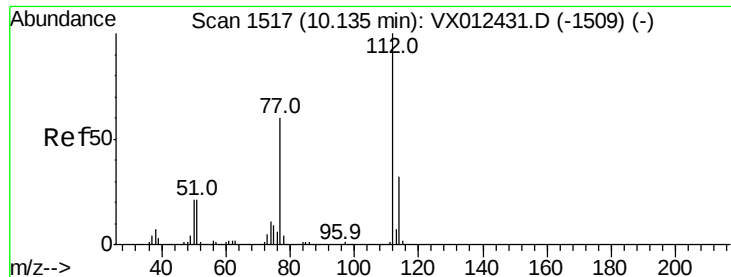
Tot Ion:117 Resp: 291884
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 57.425 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion:164 Resp: 76807
Ion Ratio Lower Upper
164 100
166 125.3 107.8 161.6
129 96.7 86.2 129.2
131 94.1 80.4 120.6





#65

Chlorobenzene

Concen: 50.765 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

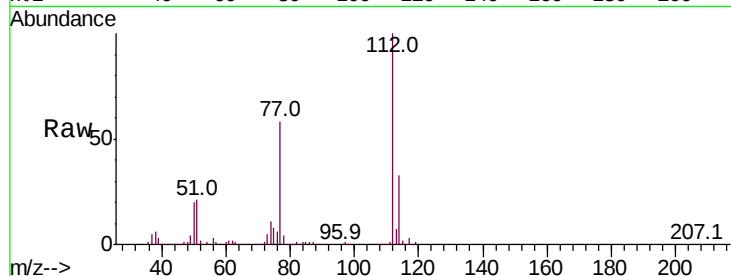
VSTDCCC050EC

Tot Ion:112 Resp: 244563

Ion Ratio Lower Upper

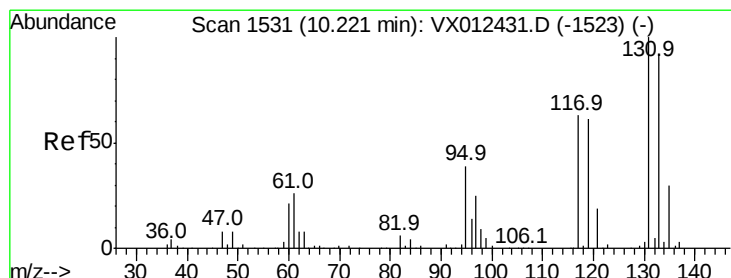
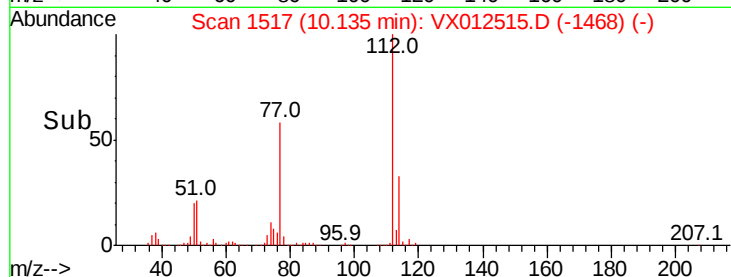
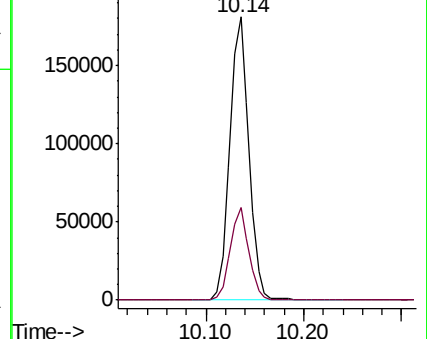
112 100

114 32.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.012 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

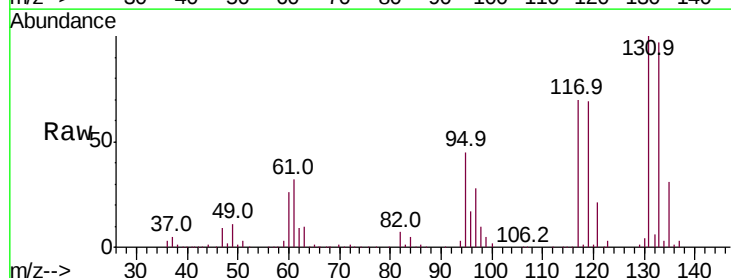
Tgt Ion:131 Resp: 103992

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

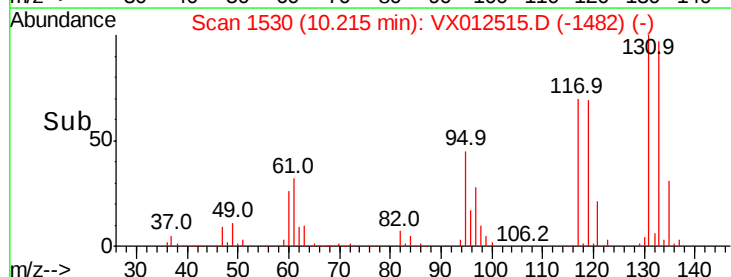
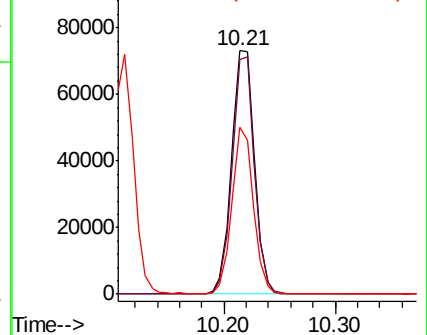
119 64.4 31.3 93.8

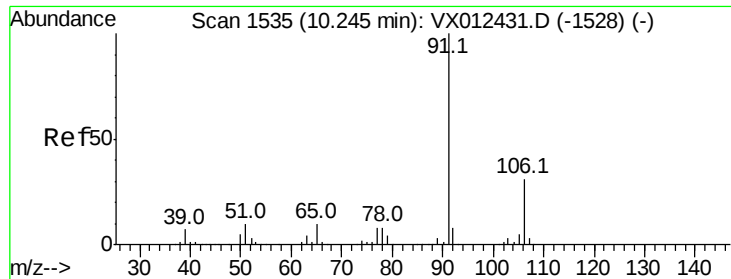


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

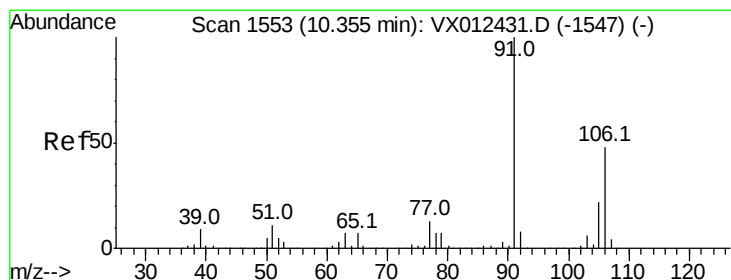
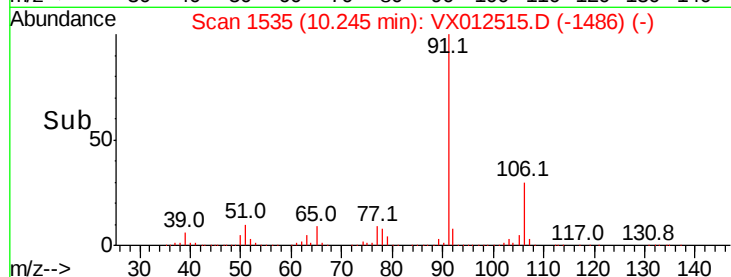
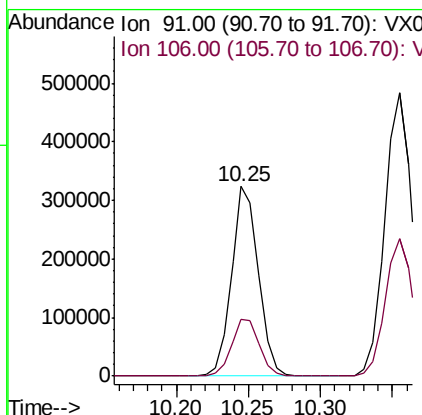
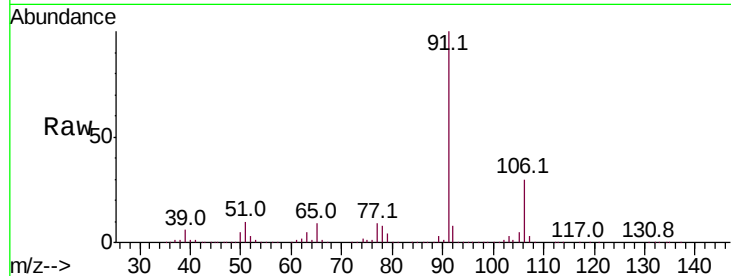




#67
Ethyl Benzene
Concen: 50.982 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

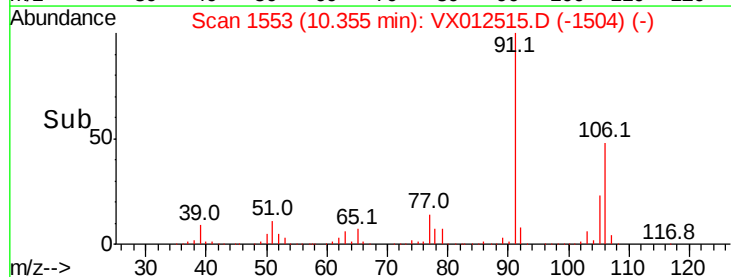
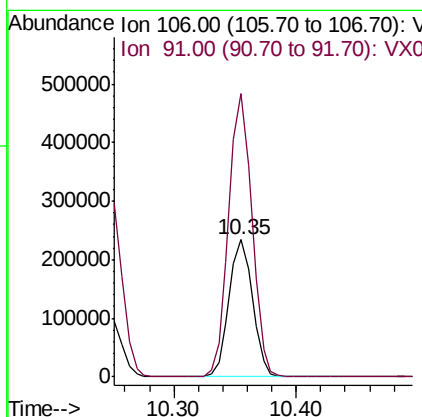
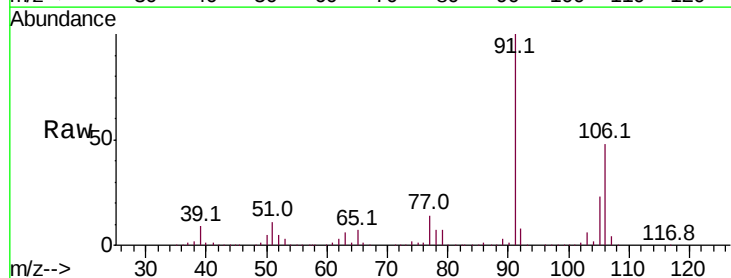
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

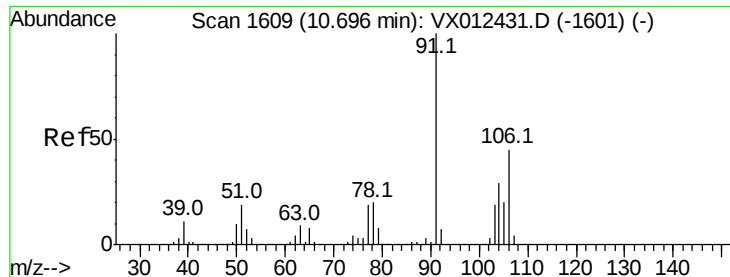
Tot Ion: 91 Resp: 421966
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 103.409 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 106 Resp: 311418
Ion Ratio Lower Upper
106 100
91 205.1 166.6 250.0

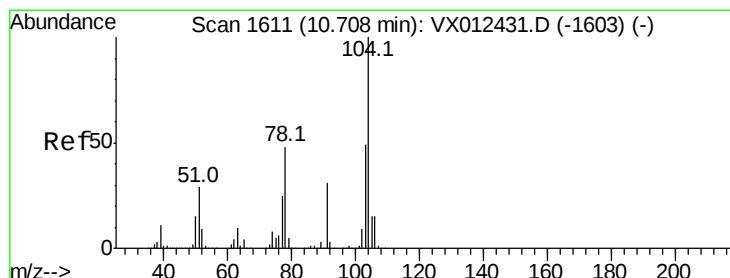
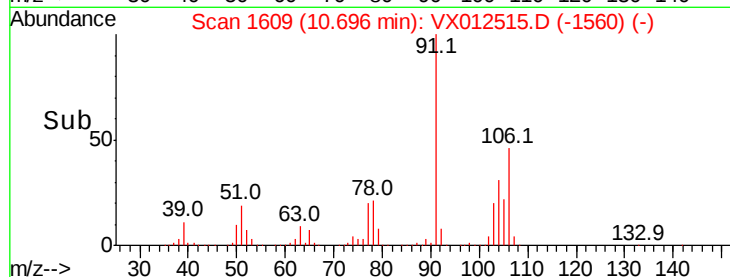
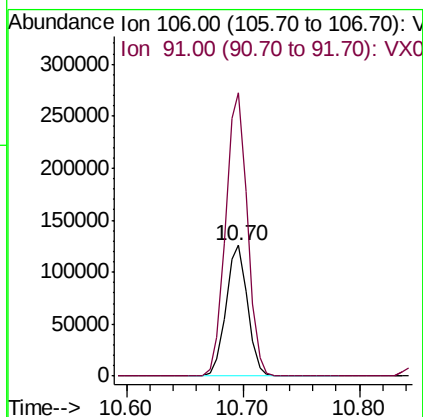
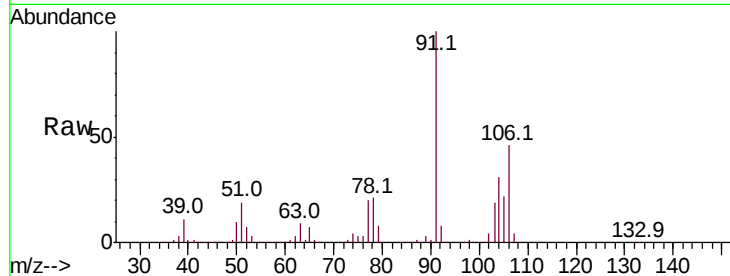




#69
o-Xylene
Concen: 51.963 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

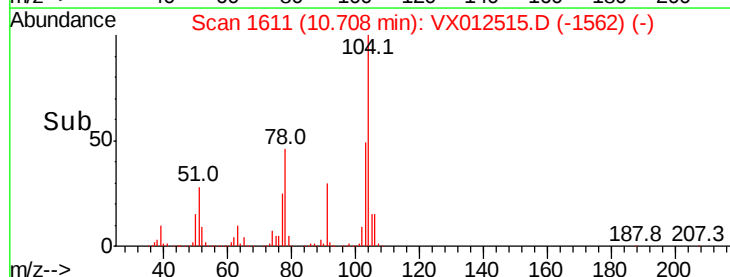
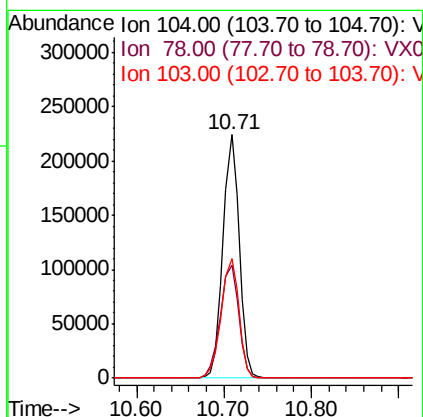
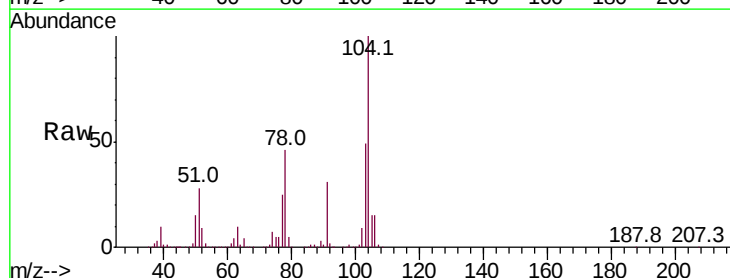
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

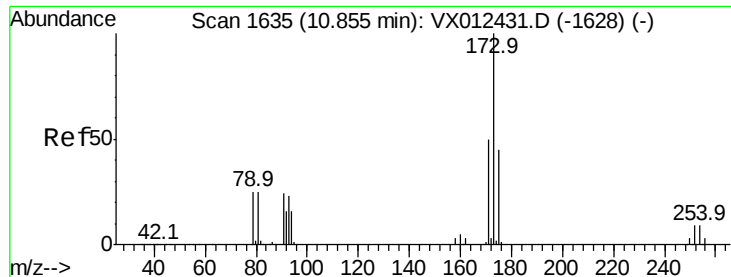
Tot Ion:106 Resp: 160933
Ion Ratio Lower Upper
106 100
91 218.5 109.4 328.2



#70
Styrene
Concen: 52.470 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion:104 Resp: 287520
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 46.604 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

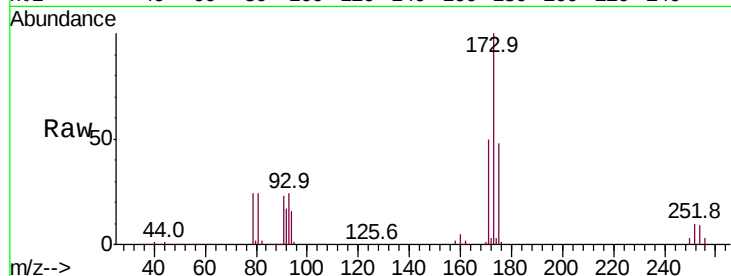
Tot Ion:173 Resp: 79873

Ion Ratio Lower Upper

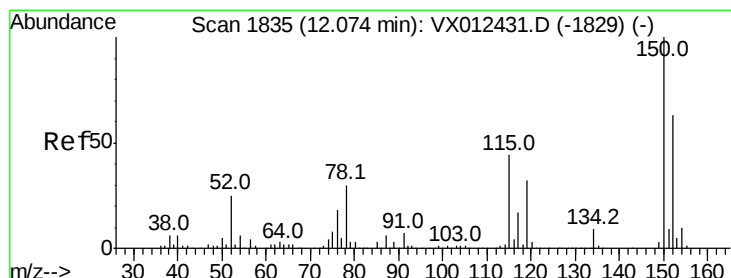
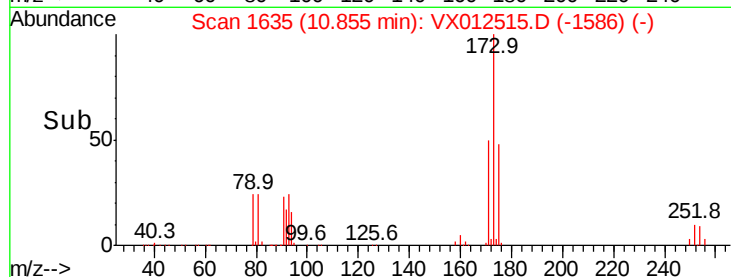
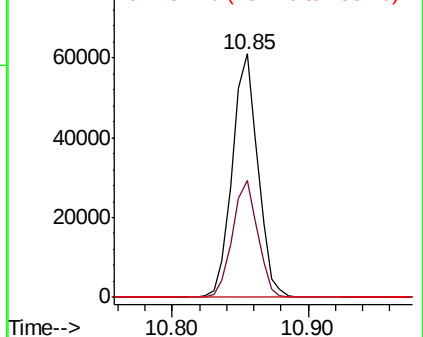
173 100

175 47.6 23.7 71.1

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

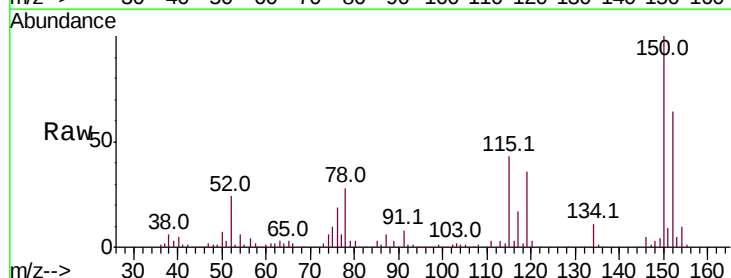
Tgt Ion:152 Resp: 141231

Ion Ratio Lower Upper

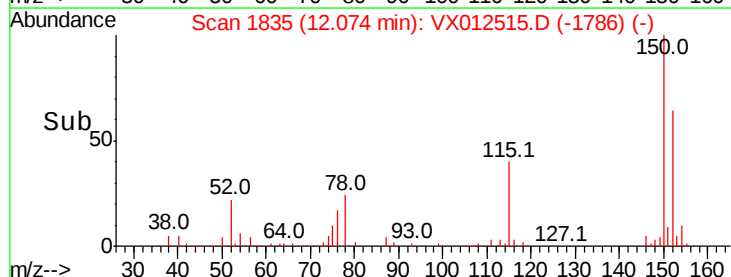
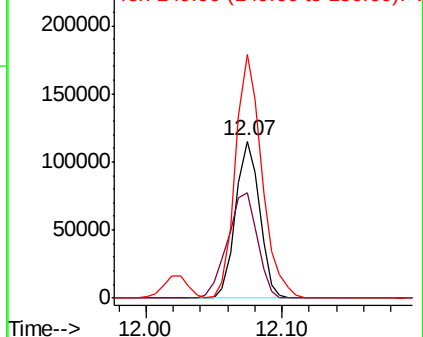
152 100

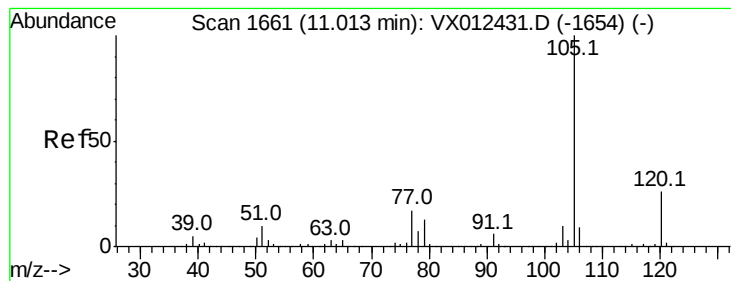
115 83.8 44.1 132.3

150 171.2 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.614 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

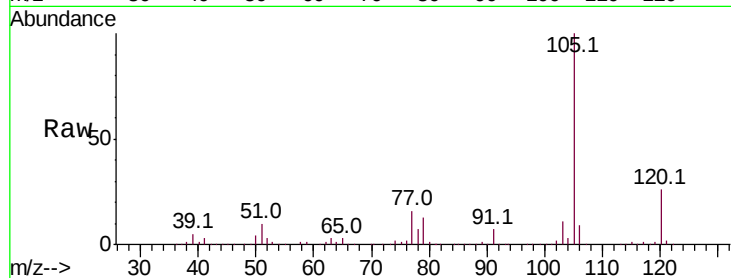
VSTDCCC050EC

Tot Ion:105 Resp: 448516

Ion Ratio Lower Upper

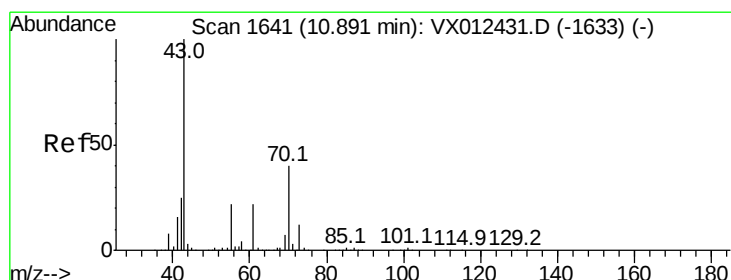
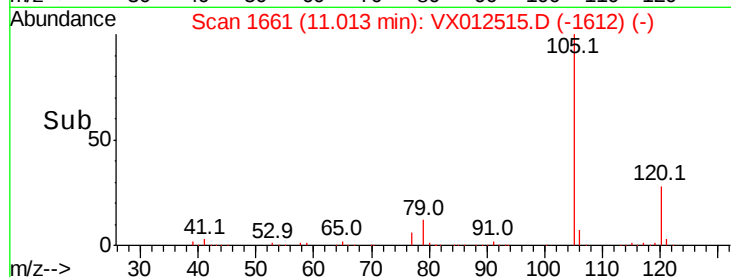
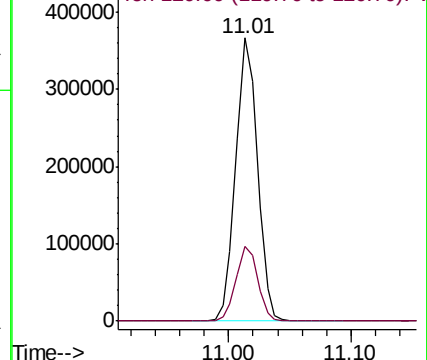
105 100

120 26.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.652 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion: 43 Resp: 236880

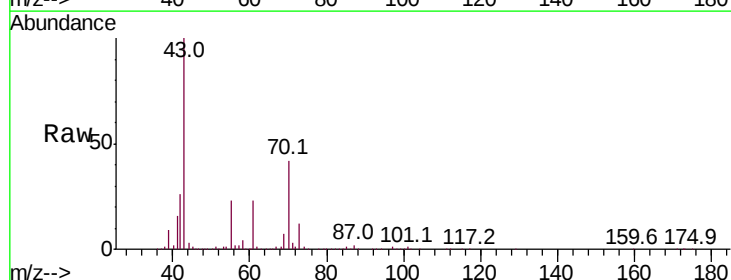
Ion Ratio Lower Upper

43 100

70 41.6 32.4 48.6

55 23.2 18.2 27.4

61 23.2 18.5 27.7

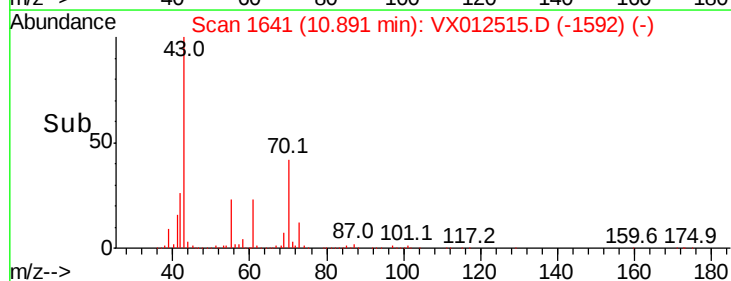
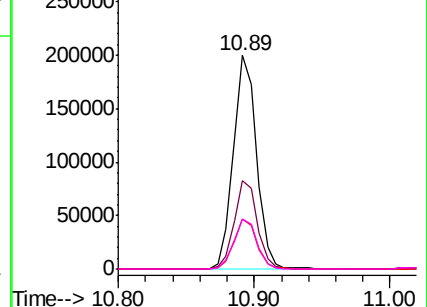


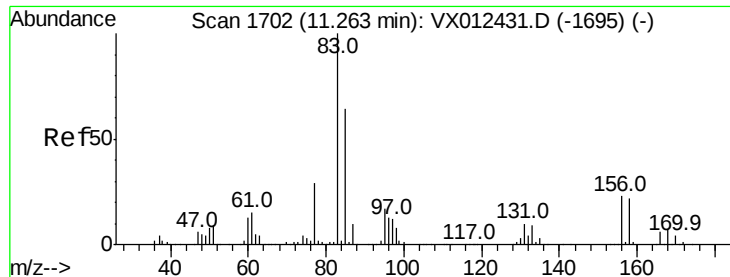
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.615 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

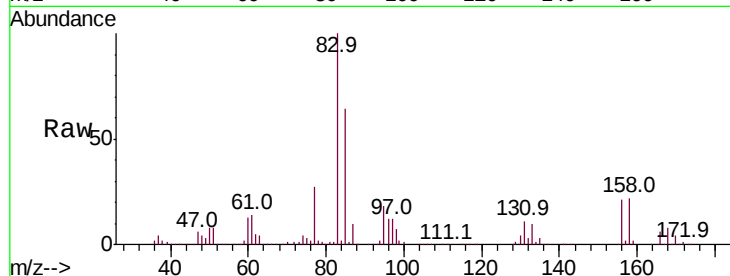
Tot Ion: 83 Resp: 172469

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

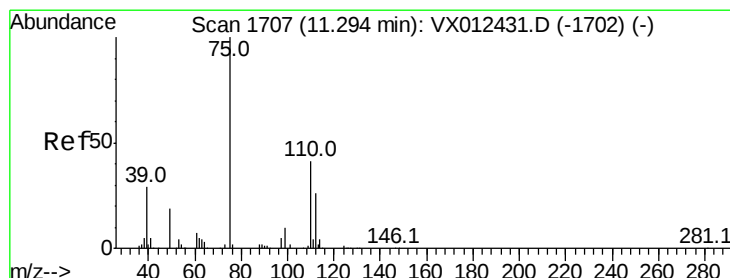
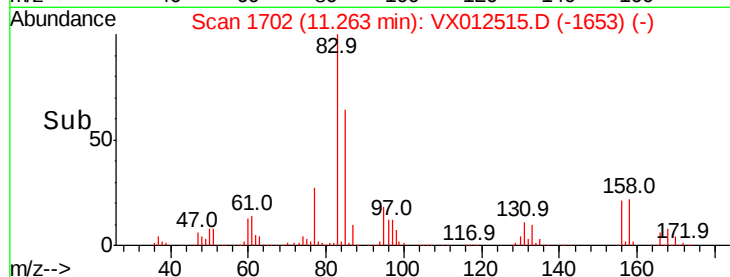
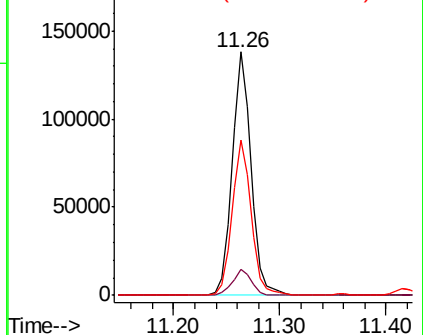
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.268 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012515.D

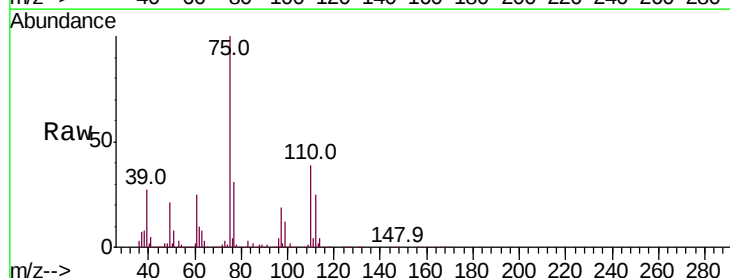
Acq: 19 Sep 2019 08:07

Tgt Ion: 75 Resp: 189031

Ion Ratio Lower Upper

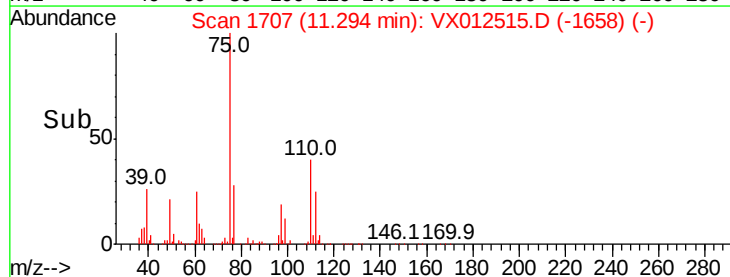
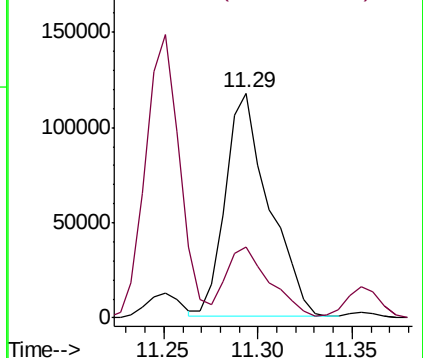
75 100

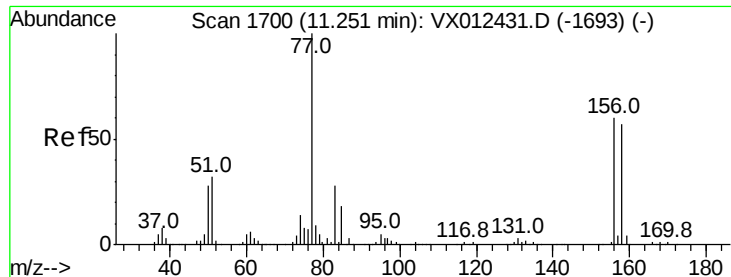
77 31.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.703 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

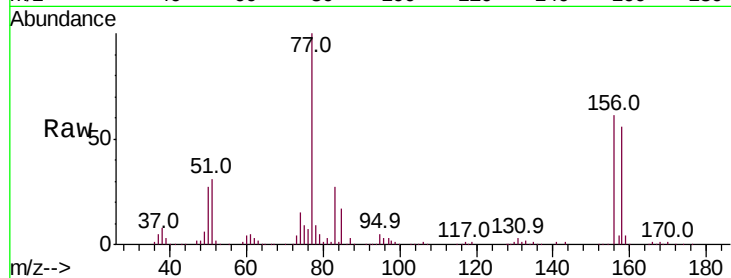
Tot Ion:156 Resp: 111738

Ion Ratio Lower Upper

156 100

77 169.3 87.3 261.8

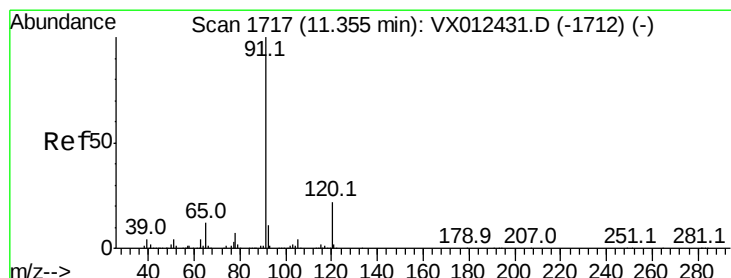
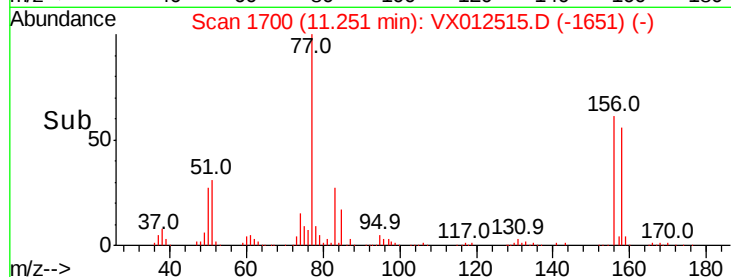
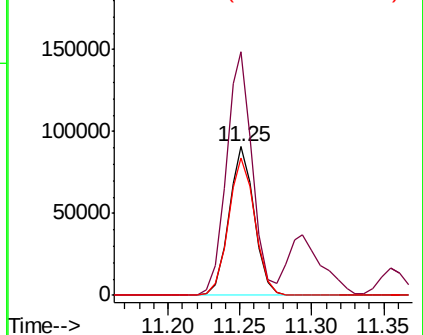
158 96.9 48.5 145.6



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: 49.901 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012515.D

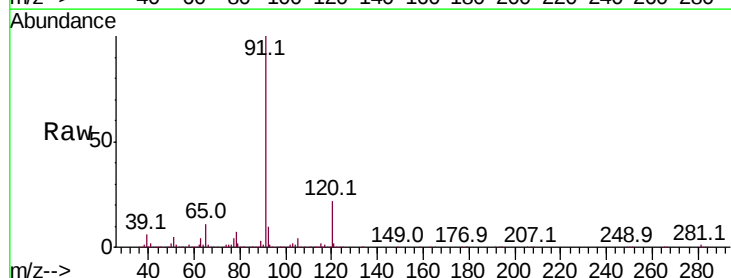
Acq: 19 Sep 2019 08:07

Tgt Ion: 91 Resp: 492846

Ion Ratio Lower Upper

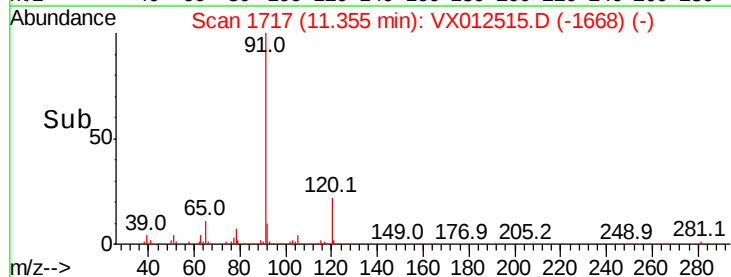
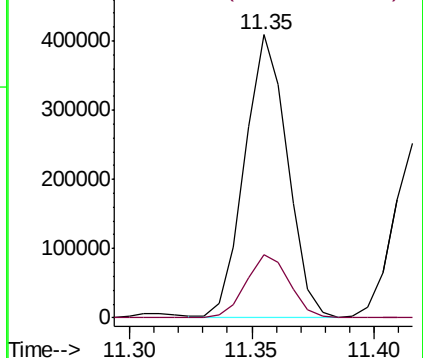
91 100

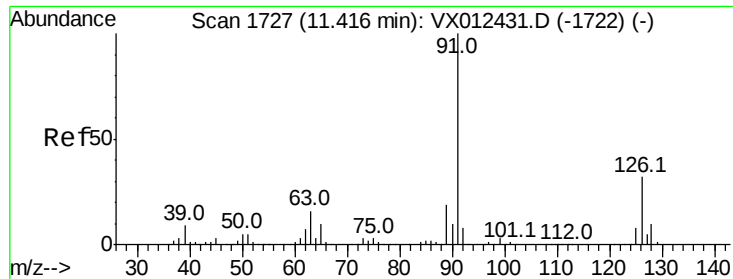
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

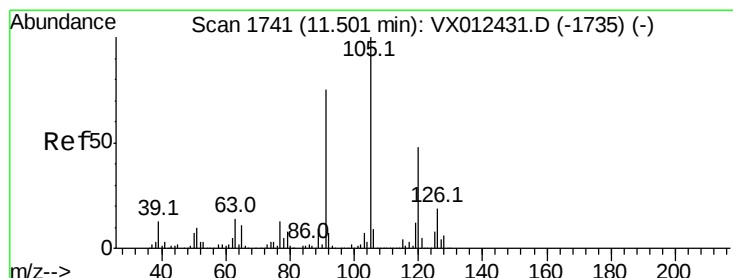
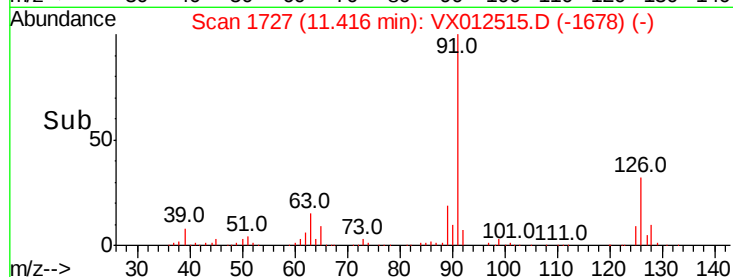
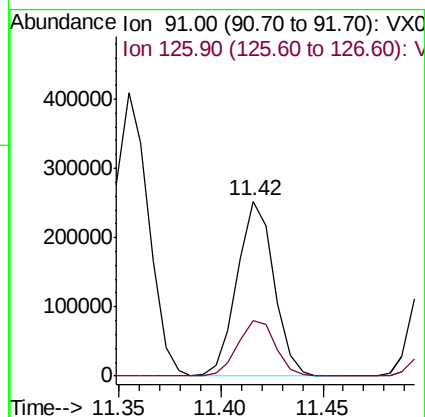
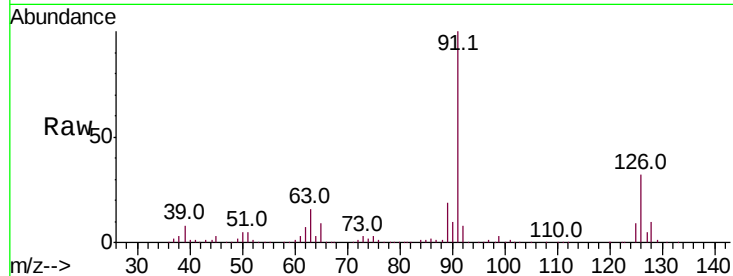




#79
 2-Chlorotoluene
 Concen: 48.873 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

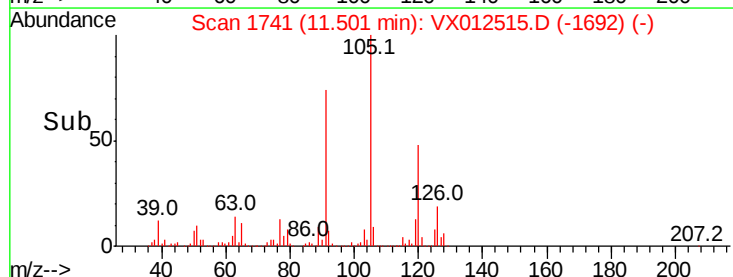
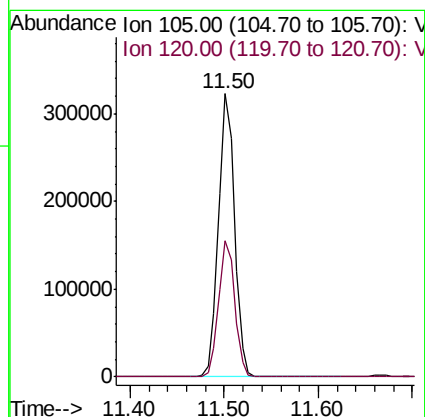
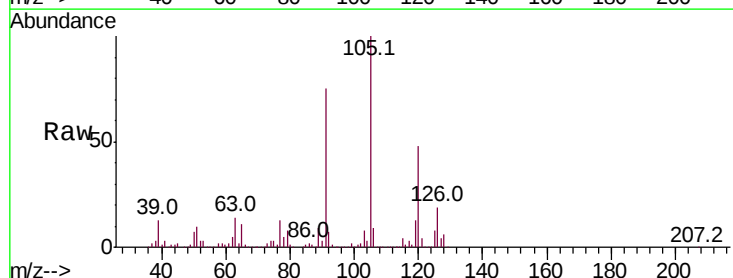
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

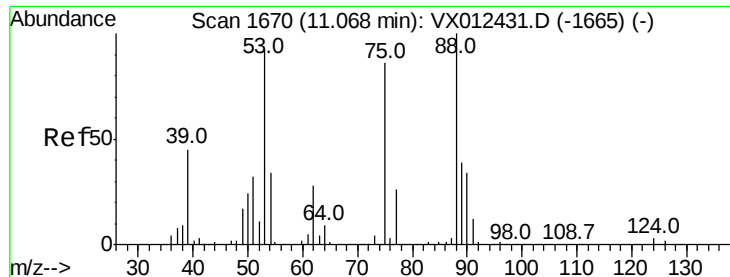
Tot Ion: 91 Resp: 314018
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.798 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 105 Resp: 383899
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.439 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

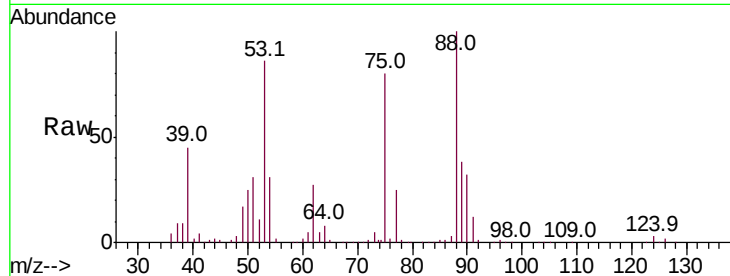
Tot Ion: 75 Resp: 44522

Ion Ratio Lower Upper

75 100

53 109.7 83.6 125.4

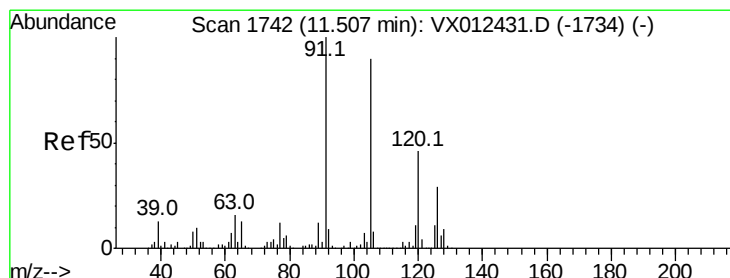
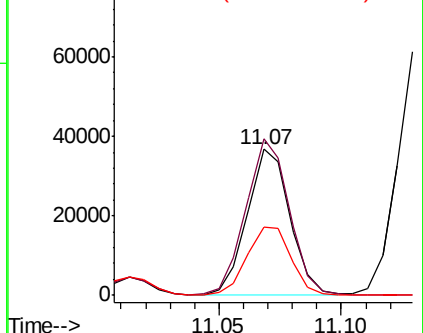
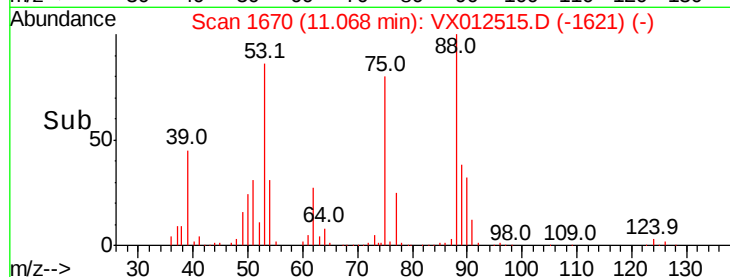
89 49.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.847 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012515.D

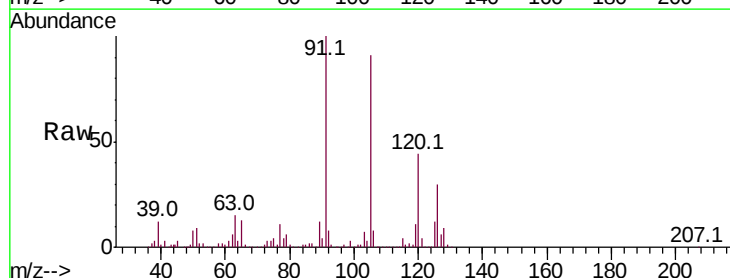
Acq: 19 Sep 2019 08:07

Tgt Ion: 91 Resp: 367576

Ion Ratio Lower Upper

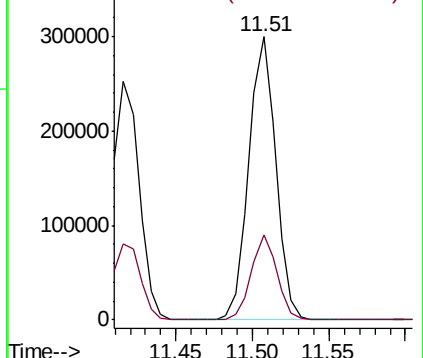
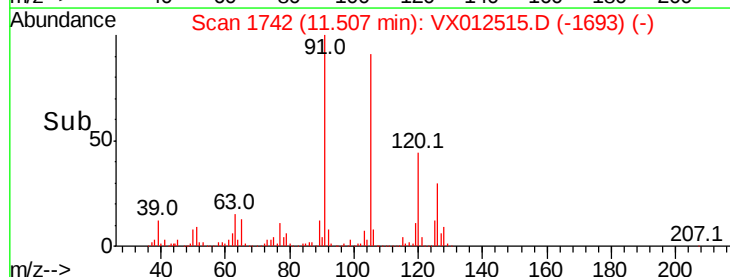
91 100

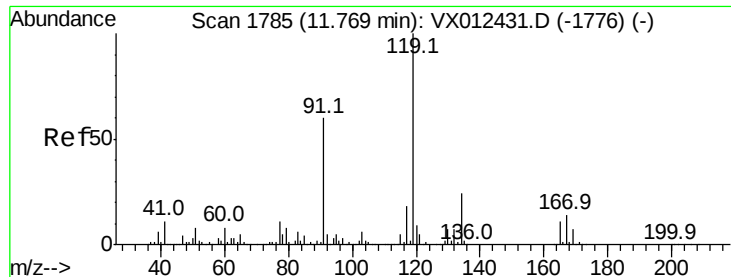
126 28.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

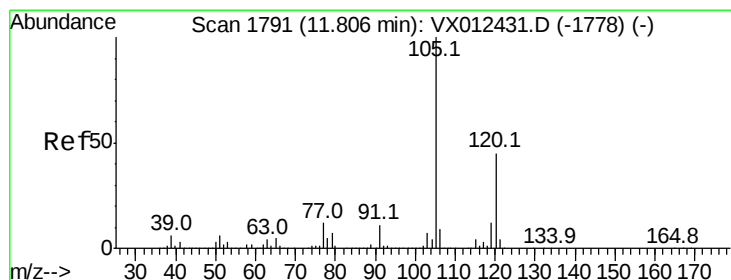
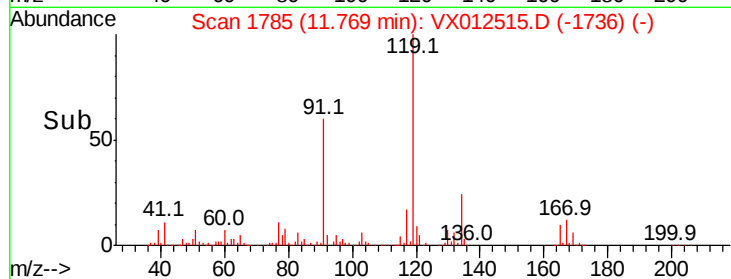
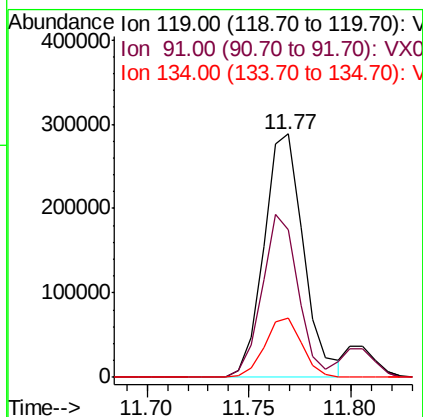
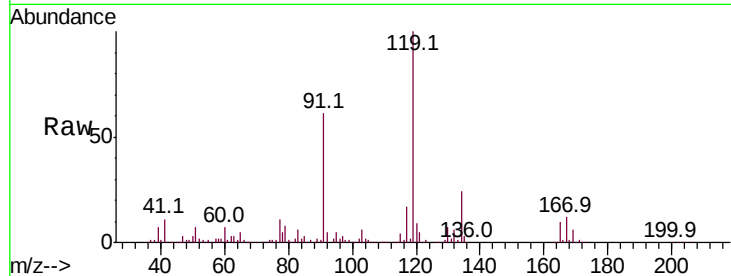




#83
tert-Butylbenzene
Concen: 48.169 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

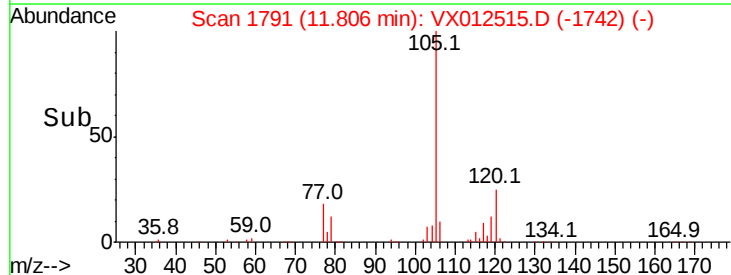
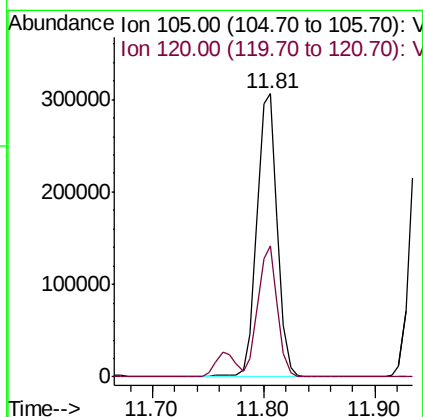
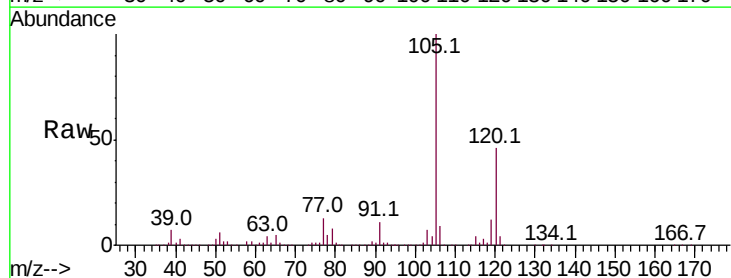
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

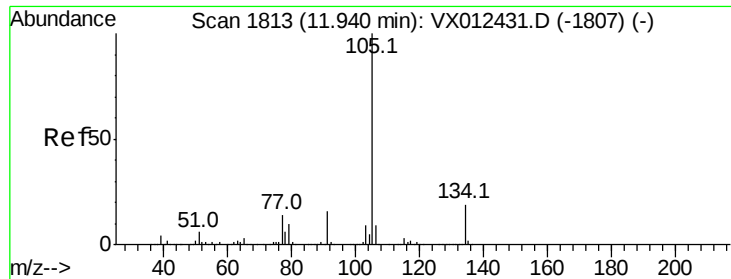
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.0	90.0
134	23.0	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 50.357 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.2	66.6





#85

sec-Butylbenzene

Concen: 49.586 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

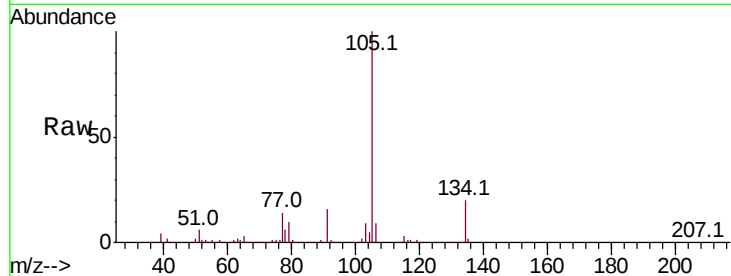
VSTDCCC050EC

Tot Ion:105 Resp: 442482

Ion Ratio Lower Upper

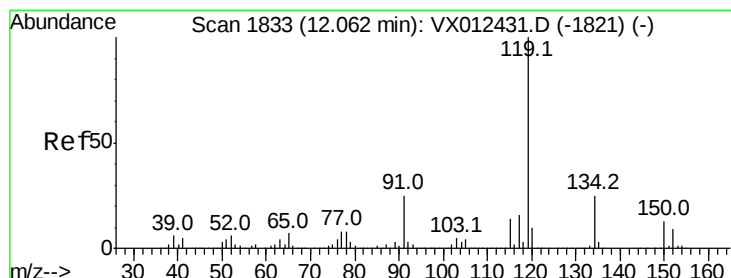
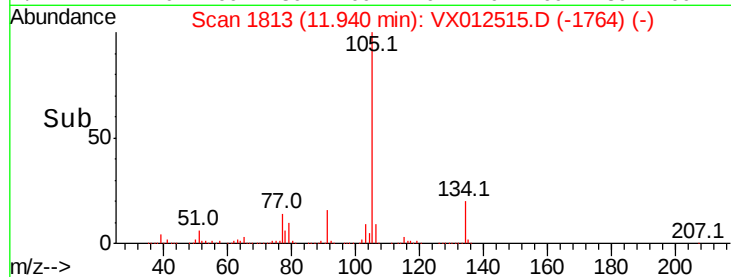
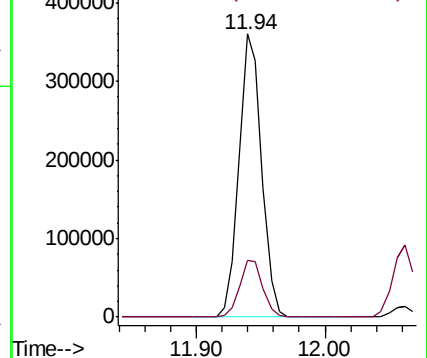
105 100

134 20.4 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.640 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

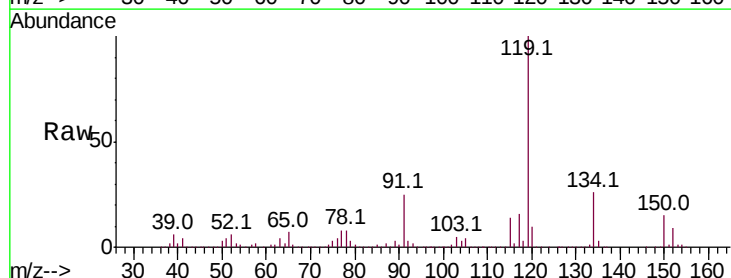
Tgt Ion:119 Resp: 406747

Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.1

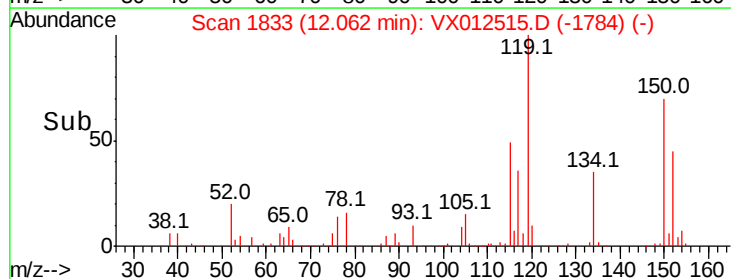
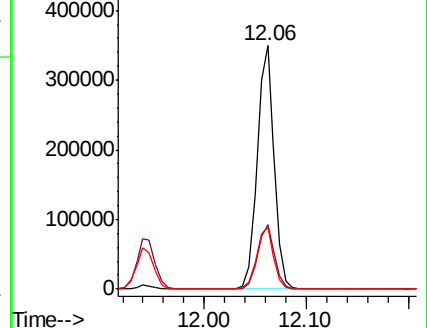
91 25.3 12.8 38.4

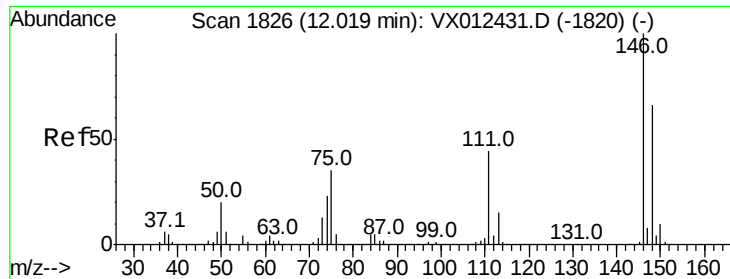


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

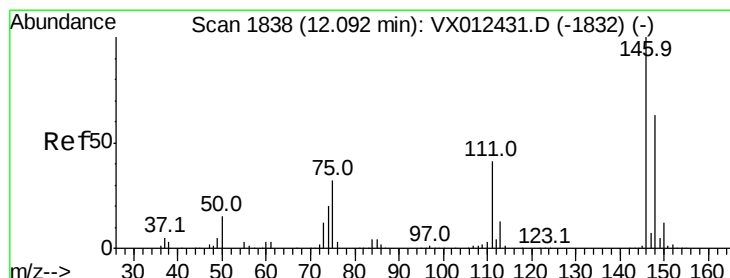
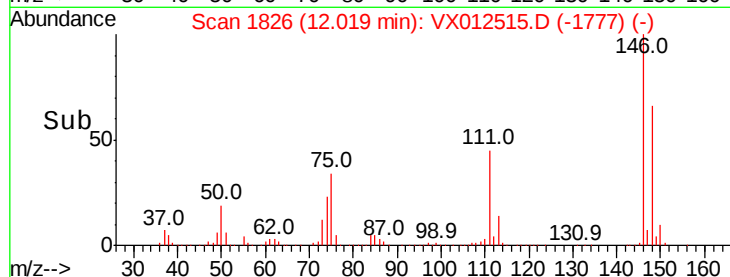
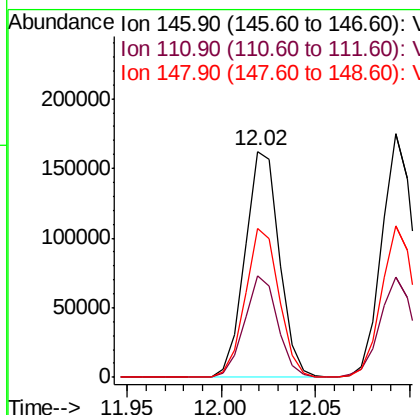
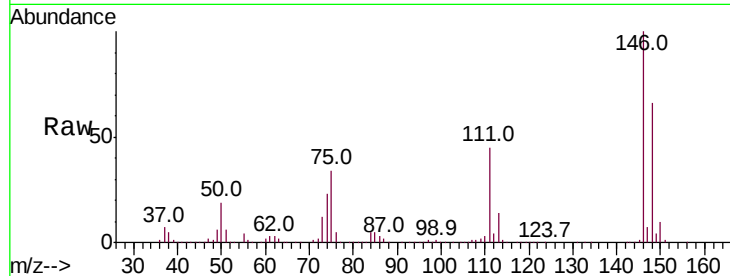




#87
 1,3-Dichlorobenzene
 Concen: 50.429 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

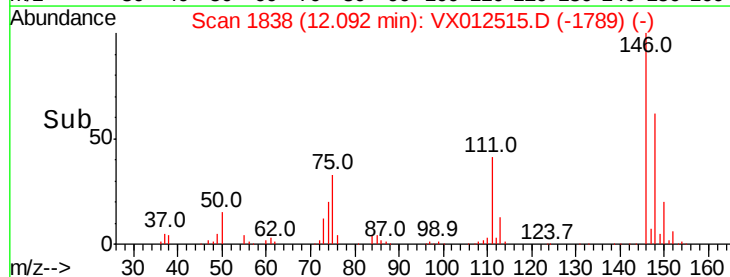
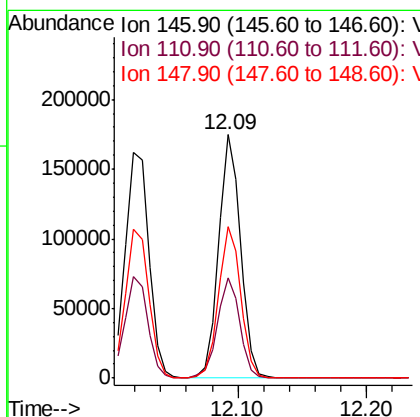
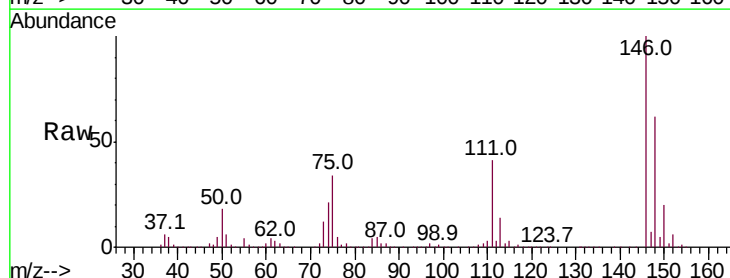
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

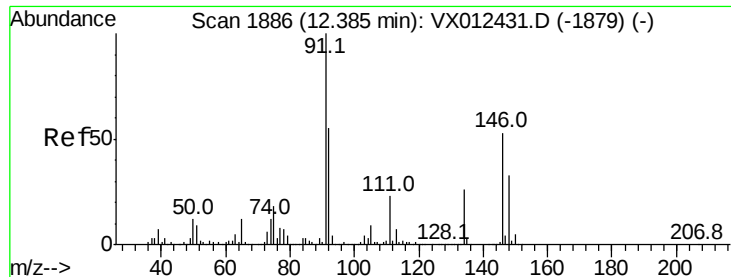
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	64.0
148	64.7	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.425 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	63.1	32.1	96.5

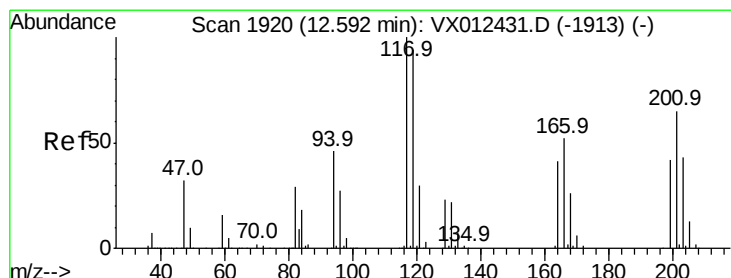
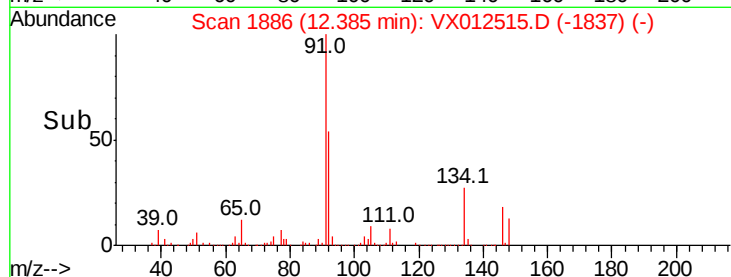
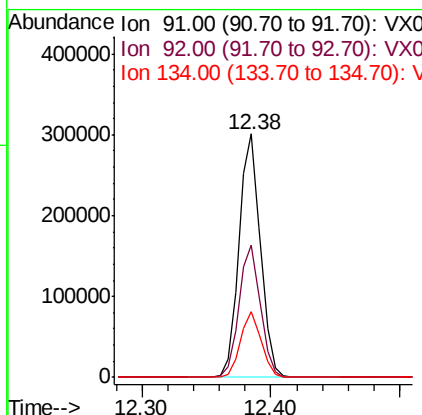
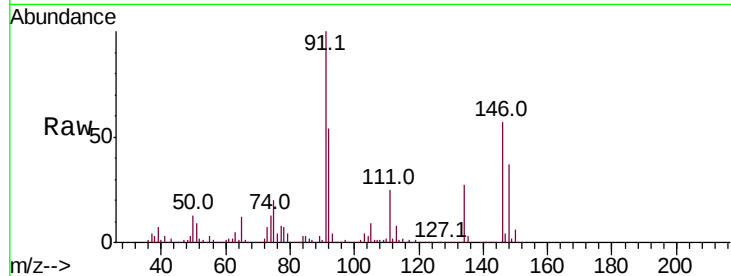




#89
n-Butylbenzene
Concen: 47.379 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

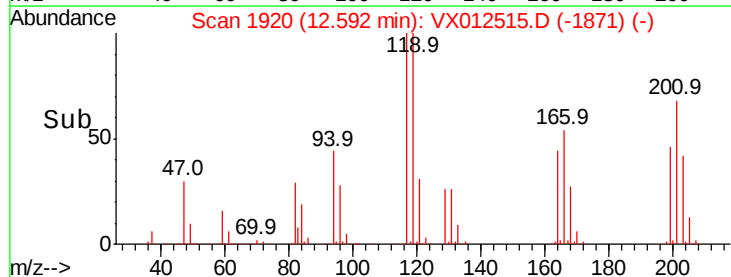
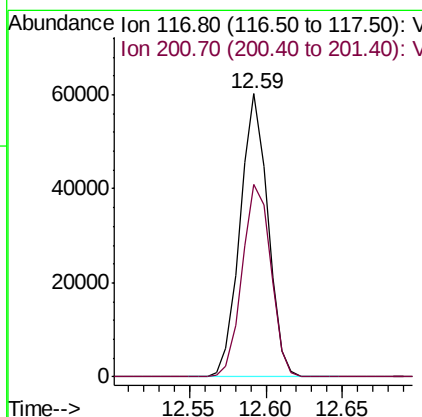
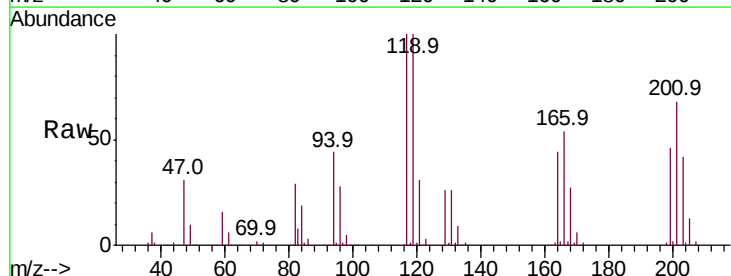
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

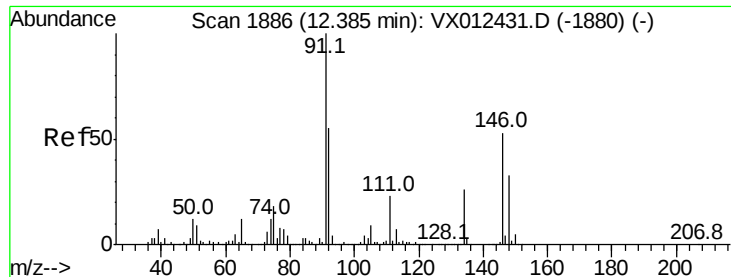
Tot Ion: 91 Resp: 346385
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 26.3 12.9 38.6



#90
Hexachloroethane
Concen: 50.543 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 117 Resp: 75937
Ion Ratio Lower Upper
117 100
201 70.2 33.3 99.8

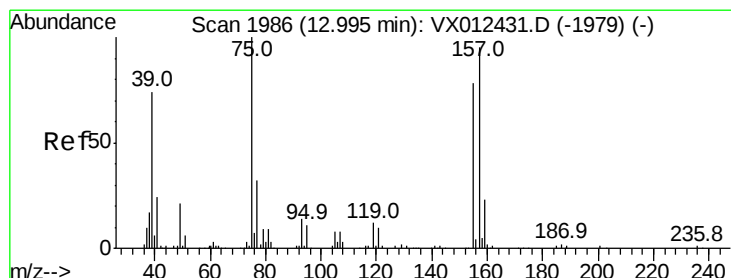
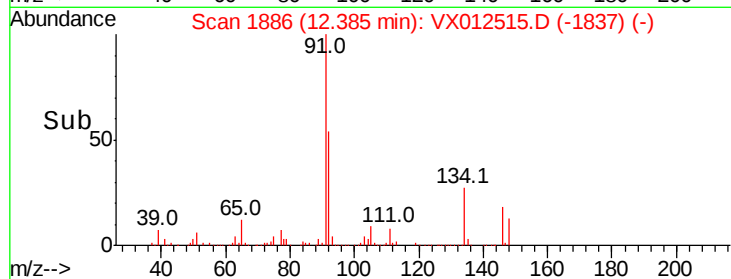
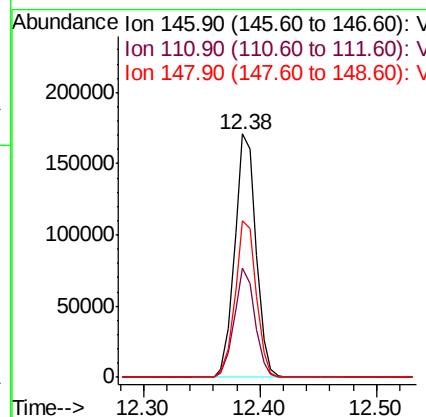
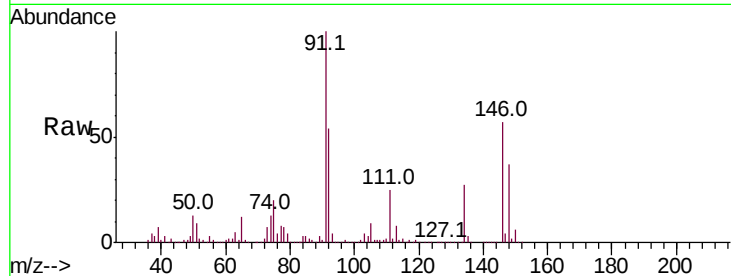




#91
 1,2-Dichlorobenzene
 Concen: 51.215 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

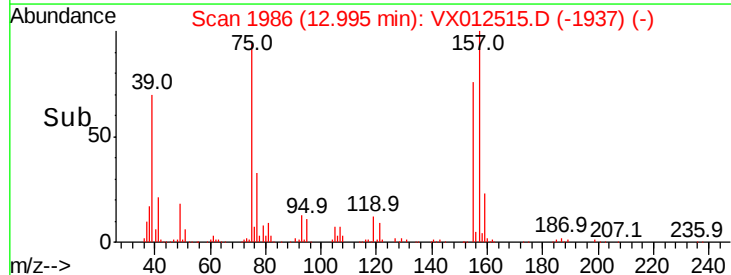
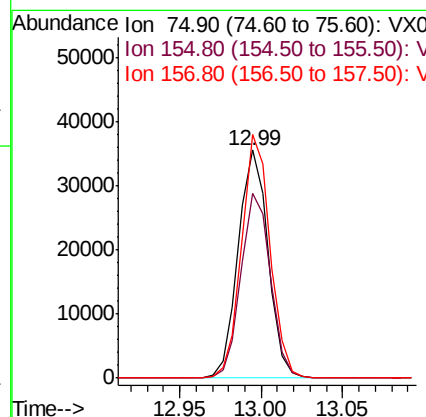
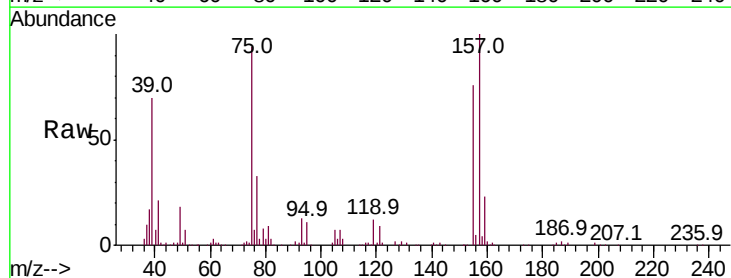
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

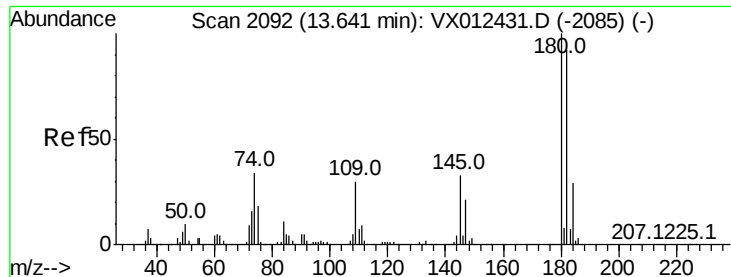
Tot Ion:146 Resp: 217612
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.1 66.1
 148 63.9 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.263 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 75 Resp: 45297
 Ion Ratio Lower Upper
 75 100
 155 80.4 38.6 115.8
 157 102.1 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 51.494 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

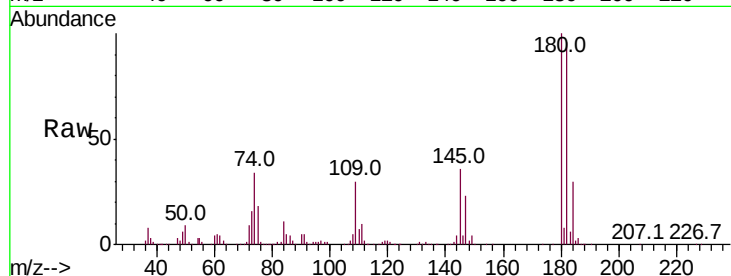
Tot Ion:180 Resp: 140930

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.0

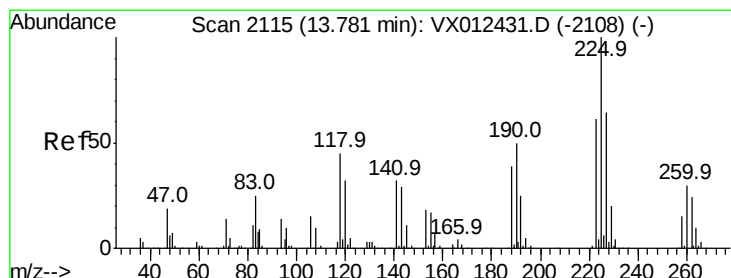
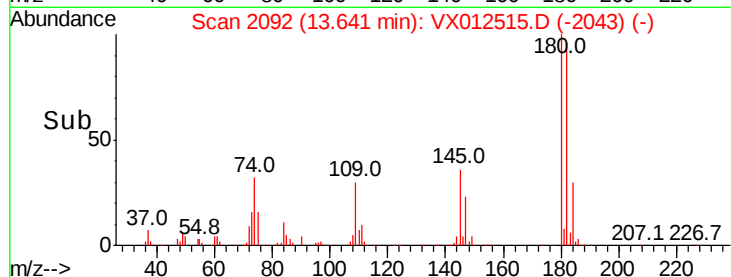
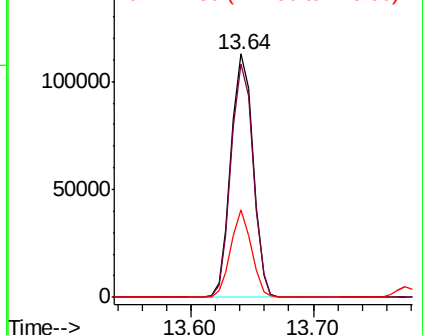
145 33.4 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.654 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

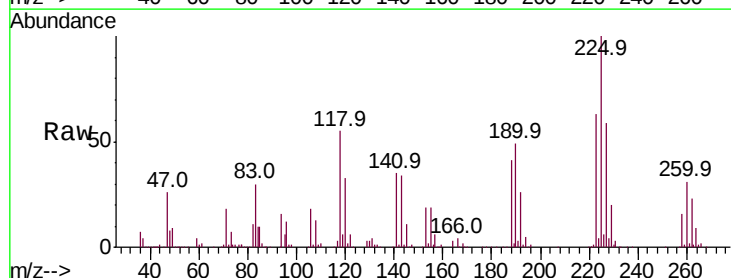
Tgt Ion:225 Resp: 60180

Ion Ratio Lower Upper

225 100

223 63.1 32.0 96.2

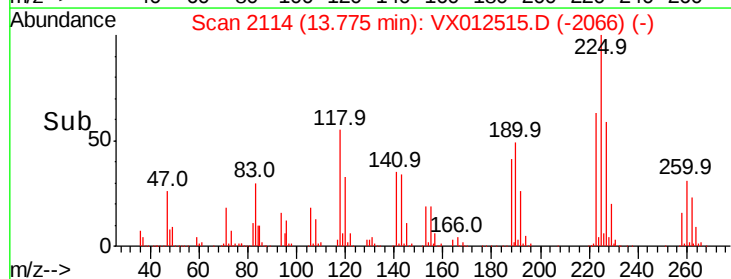
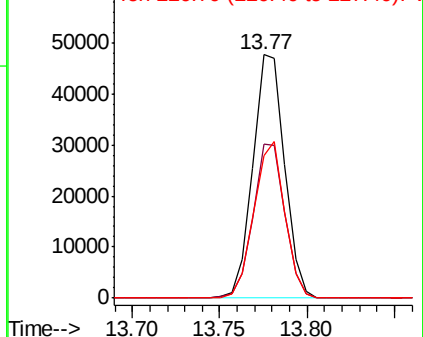
227 62.3 31.9 95.5

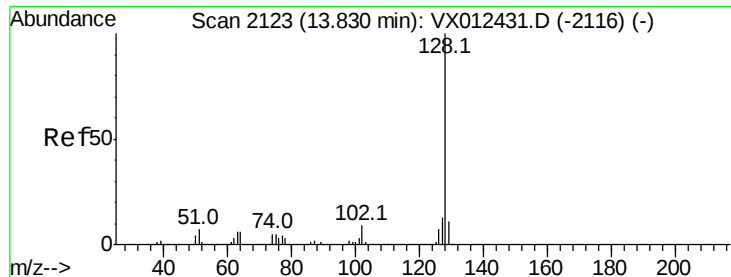


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

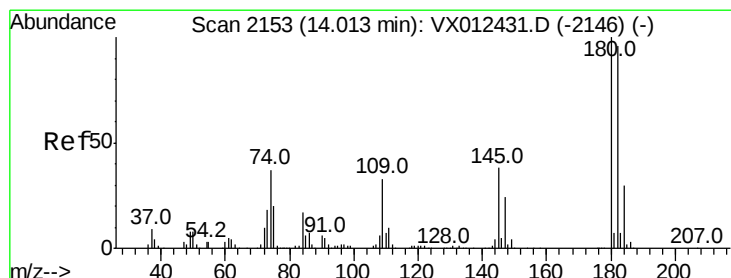
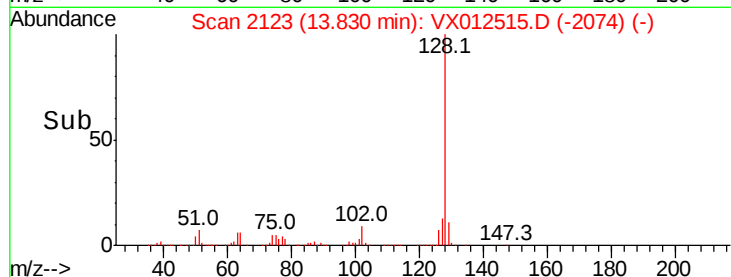
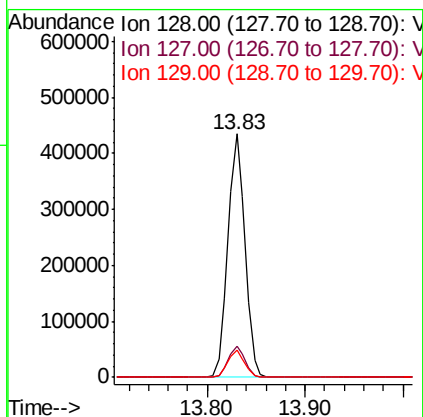
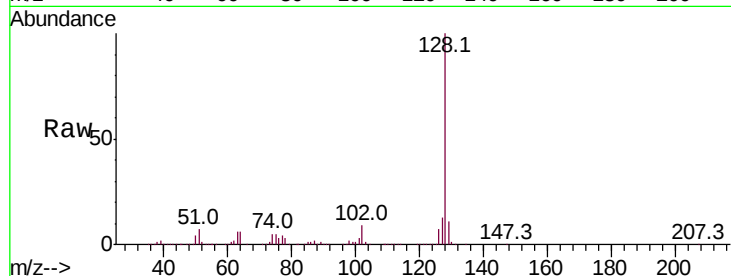




#95
Naphthalene
Concen: 54.283 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 528620
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.099 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion:180 Resp: 148089
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 35.2 18.0 54.0

