

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012373.D
 Acq On : 13 Sep 2019 03:15
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 04:23:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	117321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	215755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	93009	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	5.48	113	71065	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.71	98	259295	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.14	95	112813	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36314	37.859	ug/l	100
3) Chloromethane	1.31	50	40602	46.960	ug/l	98
4) Vinyl Chloride	1.39	62	38775	45.230	ug/l	95
5) Bromomethane	1.62	94	18831	54.625	ug/l	100
6) Chloroethane	1.70	64	27096	47.267	ug/l	98
7) Trichlorofluoromethane	1.91	101	65940	42.500	ug/l	100
8) Diethyl Ether	2.17	74	28231	53.323	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47008	44.954	ug/l	99
10) Methyl Iodide	2.50	142	28113	28.247	ug/l	100
11) Tert butyl alcohol	3.03	59	56729	324.859	ug/l	98
12) 1,1-Dichloroethene	2.36	96	41273	46.491	ug/l	99
13) Acrolein	2.28	56	25964	299.444	ug/l	96
14) Allyl chloride	2.71	41	85806	47.408	ug/l	98
15) Acrylonitrile	3.12	53	96997	296.383	ug/l	98
16) Acetone	2.43	43	87473	222.770	ug/l	98
17) Carbon Disulfide	2.55	76	76688	41.137	ug/l	98
18) Methyl Acetate	2.76	43	51046	61.850	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	193119	55.085	ug/l	98
20) Methylene Chloride	2.84	84	65263	53.456	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	50768	47.932	ug/l	97
22) Diisopropyl ether	3.84	45	218671	52.828	ug/l	92
23) Vinyl Acetate	3.80	43	659438	259.658	ug/l	100
24) 1,1-Dichloroethane	3.68	63	112013	50.520	ug/l	98
25) 2-Butanone	4.65	43	134642	268.233	ug/l	97
26) 2,2-Dichloropropane	4.57	77	79112	38.005	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	69939	51.146	ug/l	96
28) Bromochloromethane	4.99	49	58661	56.412	ug/l	100
29) Tetrahydrofuran	5.11	42	83467	308.191	ug/l	99
30) Chloroform	5.19	83	125335	50.130	ug/l	98
31) Cyclohexane	5.57	56	64449	41.845	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	99857	46.513	ug/l	99
36) 1,1-Dichloropropene	5.79	75	70455	44.784	ug/l	98
37) Ethyl Acetate	4.82	43	55701	57.276	ug/l	98
38) Carbon Tetrachloride	5.77	117	78027	42.273	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	70637	40.914	ug/l	99
40) Benzene	6.13	78	229797	48.262	ug/l	97
41) Methacrylonitrile	5.03	41	33273	55.498	ug/l	98
42) 1,2-Dichloroethane	6.18	62	95638	50.820	ug/l	100
43) Isopropyl Acetate	6.43	43	112354	54.798	ug/l	98
44) Trichloroethene	7.21	130	62291	48.341	ug/l	87
45) 1,2-Dichloropropane	7.51	63	65940	50.032	ug/l	98
46) Dibromomethane	7.65	93	39112	54.298	ug/l	99
47) Bromodichloromethane	7.89	83	96826	49.257	ug/l	99
48) Methyl methacrylate	7.76	41	53743	54.761	ug/l	98
49) 1,4-Dioxane	7.73	88	15878	1198.977	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	308075	284.696	ug/l	99
52) Toluene	8.78	92	152741	48.566	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92198	46.992	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	102772	47.238	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	59816	53.601	ug/l	98
56) Ethyl methacrylate	9.17	69	81486	53.930	ug/l	100
57) 1,3-Dichloropropane	9.37	76	101460	53.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	208545	269.293	ug/l	98
59) 2-Hexanone	9.48	43	214989	285.736	ug/l	100
60) Dibromochloromethane	9.58	129	68379	52.487	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56165	54.068	ug/l	99
64) Tetrachloroethene	9.33	164	61328	56.819	ug/l	96
65) Chlorobenzene	10.14	112	178624	47.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	71404	50.794	ug/l	98
67) Ethyl Benzene	10.25	91	309074	46.600	ug/l	97
68) m/p-Xylenes	10.35	106	229970	94.192	ug/l	99
69) o-Xylene	10.70	106	114960	48.066	ug/l	98
70) Styrene	10.71	104	207529	48.926	ug/l	99
71) Bromoform	10.85	173	37902	51.995	ug/l #	99
73) Isopropylbenzene	11.01	105	304273	45.049	ug/l	100
74) N-amyl acetate	10.89	43	97606	48.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76994	53.078	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	79591	60.387	ug/l	89
77) Bromobenzene	11.25	156	78457	50.453	ug/l	97
78) n-propylbenzene	11.35	91	361633	44.337	ug/l	99
79) 2-Chlorotoluene	11.42	91	230873	45.687	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	275466	45.351	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19161	43.559	ug/l	95
82) 4-Chlorotoluene	11.51	91	278929	45.929	ug/l	99
83) tert-Butylbenzene	11.77	119	264649	44.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	288735	45.984	ug/l	99
85) sec-Butylbenzene	11.94	105	313573	44.559	ug/l	99
86) p-Isopropyltoluene	12.06	119	285716	43.941	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	153293	48.391	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	152815	47.707	ug/l	99
89) n-Butylbenzene	12.39	91	274027	42.997	ug/l	99
90) Hexachloroethane	12.59	117	53963	45.056	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	142340	48.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15149	51.164	ug/l	93

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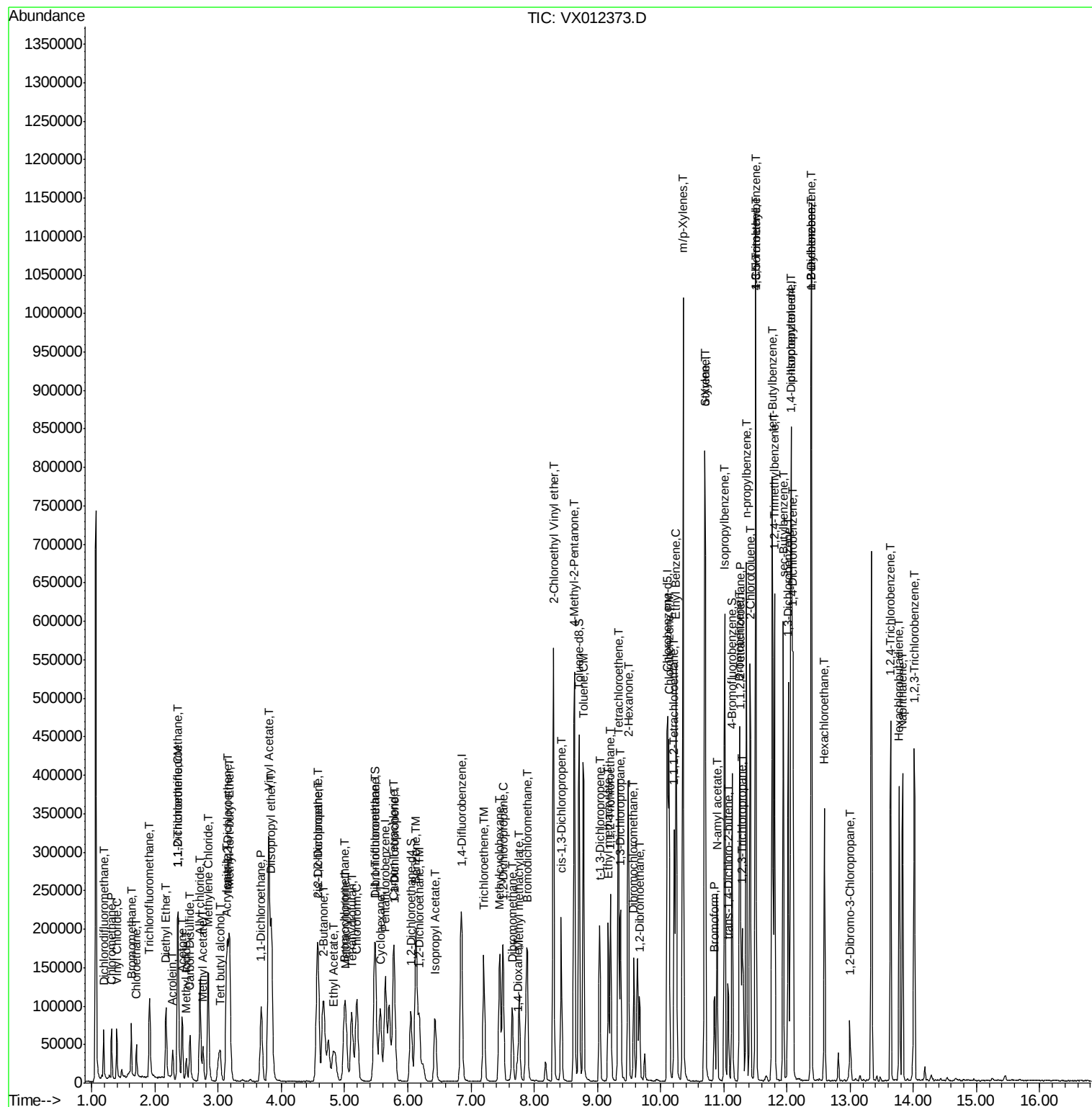
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	99214	49.027	ug/l	99
94) Hexachlorobutadiene	13.78	225	49152	48.824	ug/l	99
95) Naphthalene	13.83	128	236358	54.426	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	93111	52.003	ug/l	99

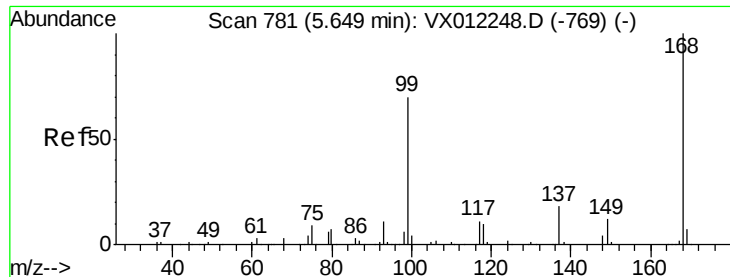
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

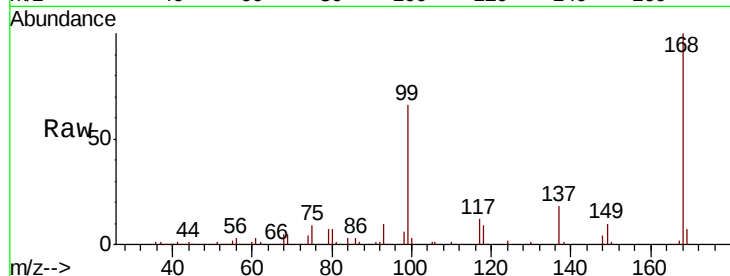
VSTDCCC050EC

Tgt Ion:168 Resp: 117321

Ion Ratio Lower Upper

168 100

99 65.6 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

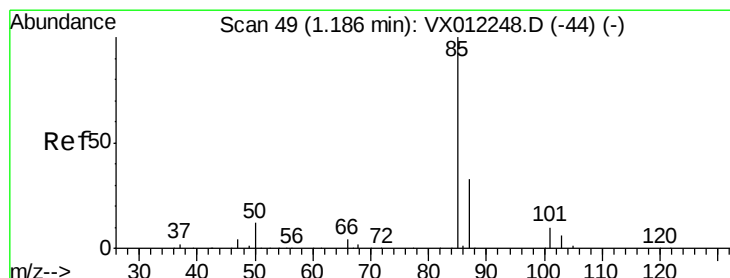
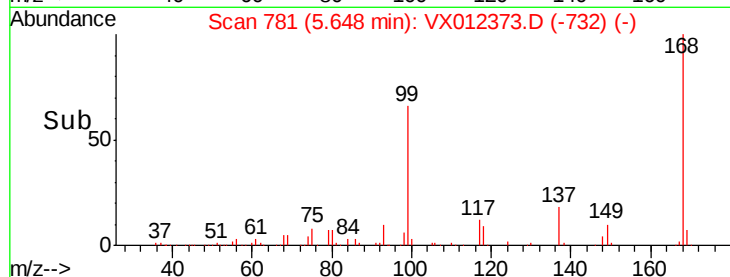
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 37.859 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012373.D

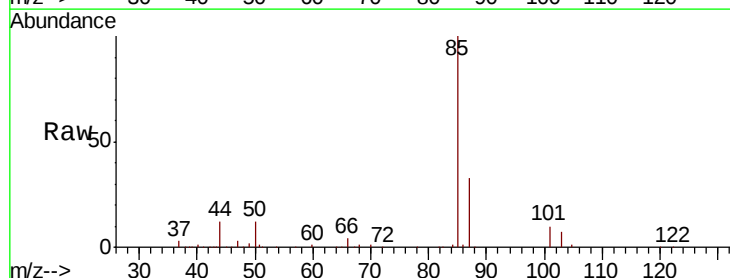
Acq: 13 Sep 2019 03:15

Tgt Ion: 85 Resp: 36314

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

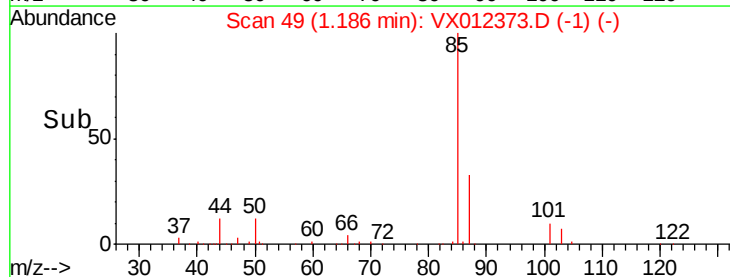
30000

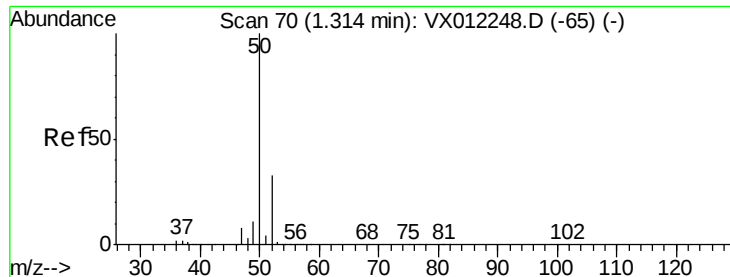
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.960 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

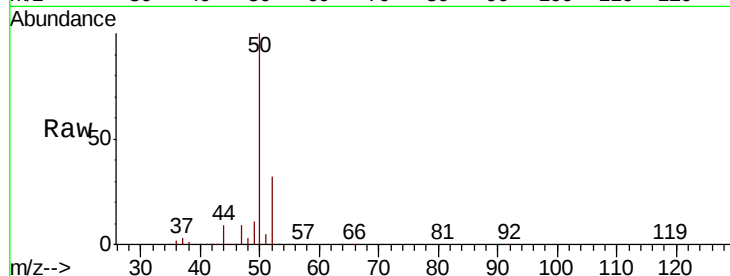
VSTDCCC050EC

Tgt Ion: 50 Resp: 40602

Ion Ratio Lower Upper

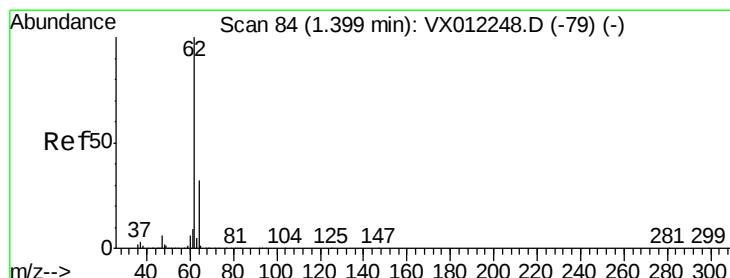
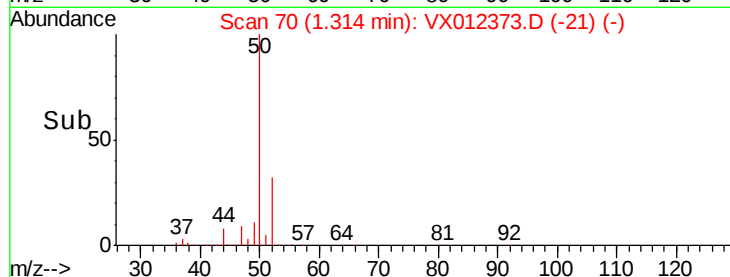
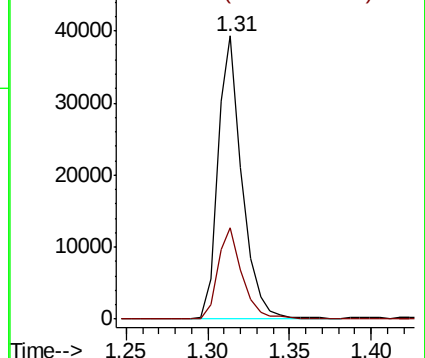
50 100

52 32.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.230 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012373.D

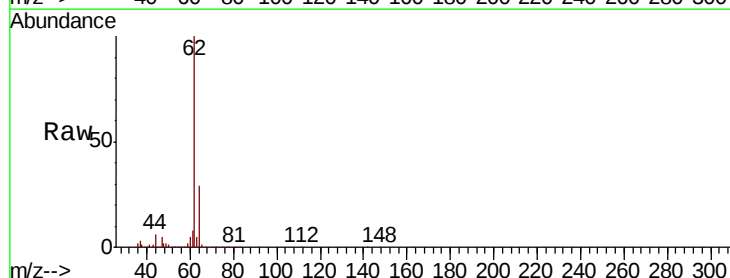
Acq: 13 Sep 2019 03:15

Tgt Ion: 62 Resp: 38775

Ion Ratio Lower Upper

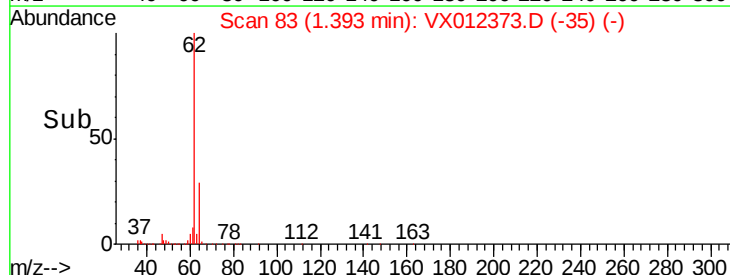
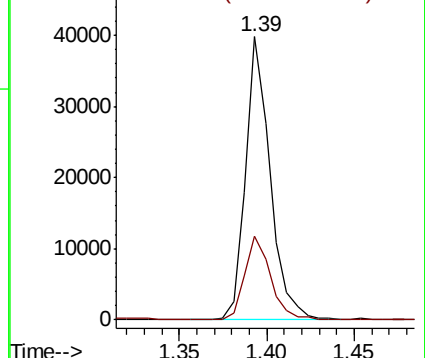
62 100

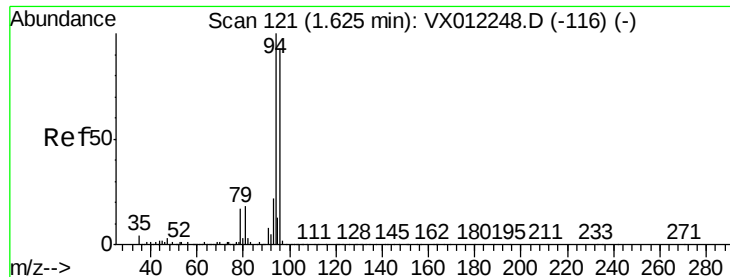
64 29.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.625 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

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ClientSampleId :

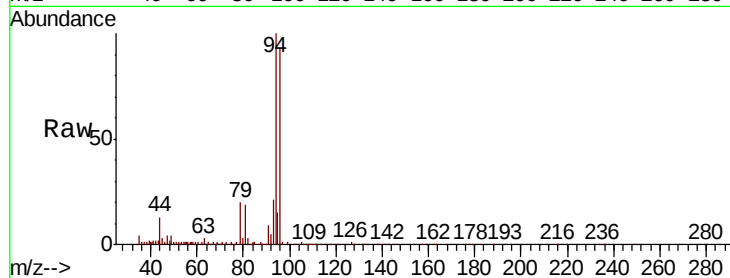
VSTDCCC050EC

Tgt Ion: 94 Resp: 18831

Ion Ratio Lower Upper

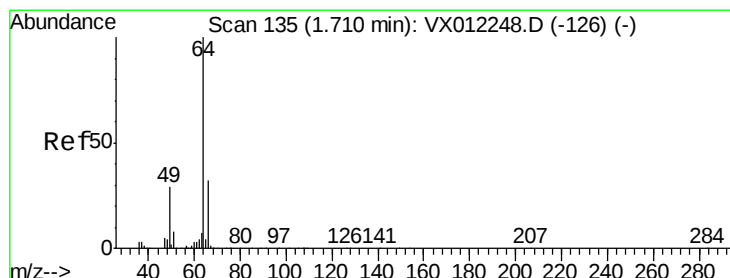
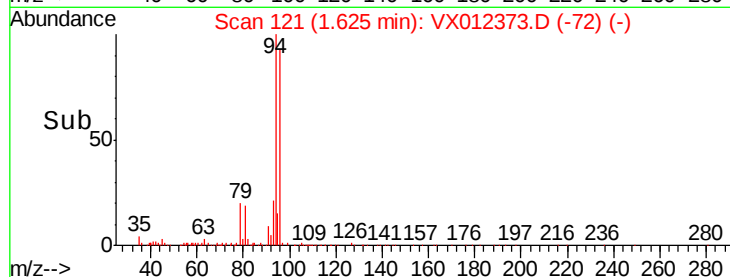
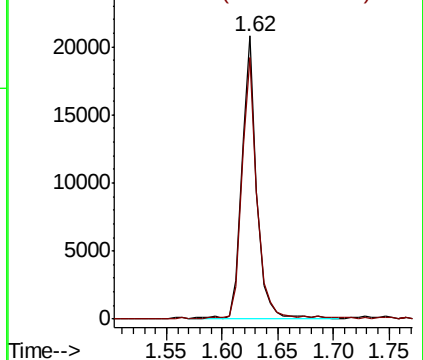
94 100

96 92.5 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.267 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012373.D

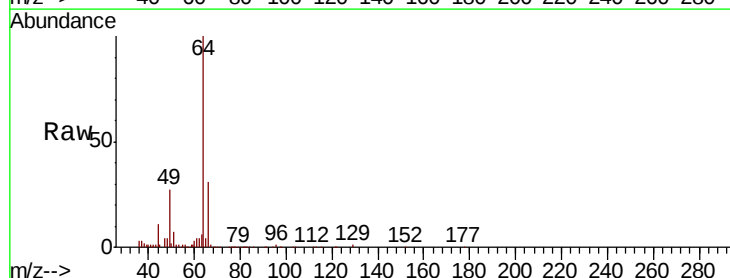
Acq: 13 Sep 2019 03:15

Tgt Ion: 64 Resp: 27096

Ion Ratio Lower Upper

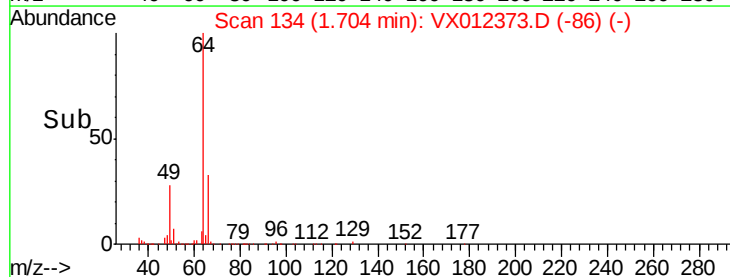
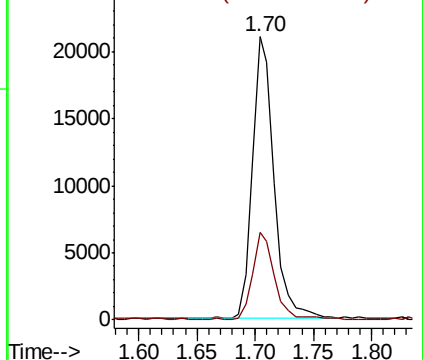
64 100

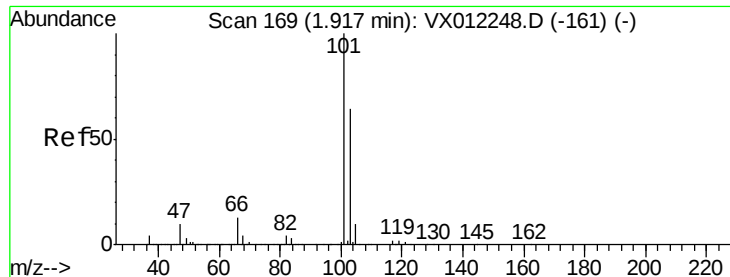
66 31.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



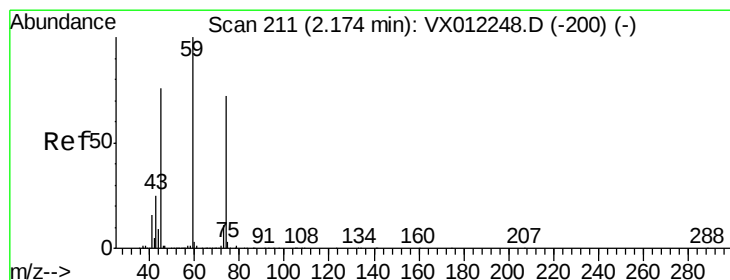
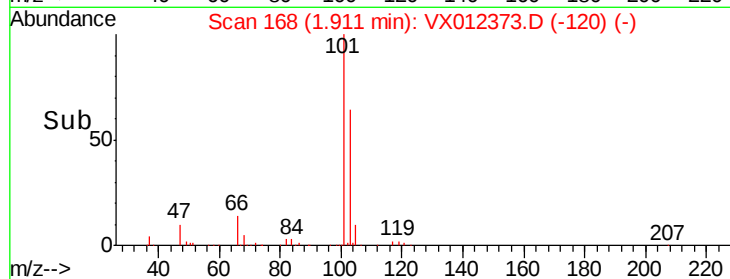
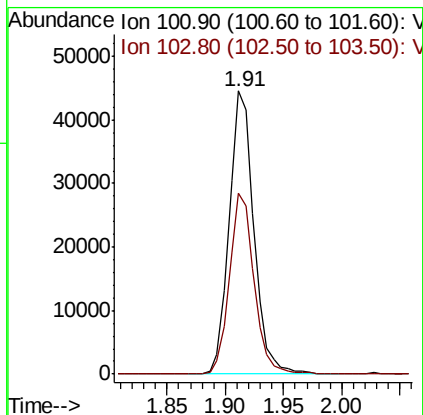
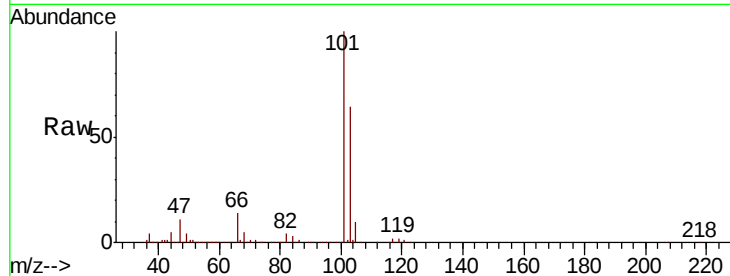


#7

Trichlorofluoromethane
 Concen: 42.500 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

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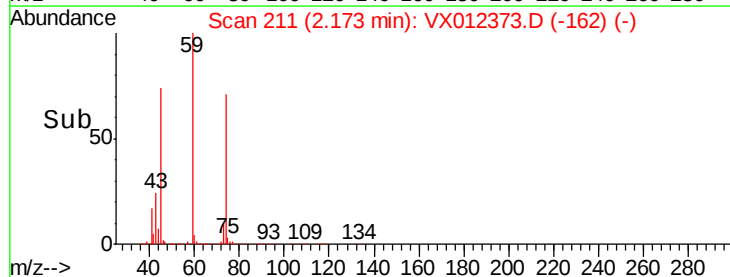
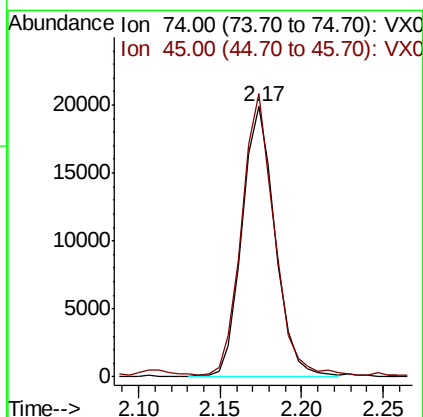
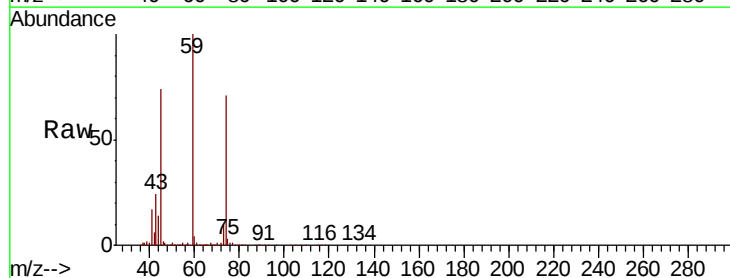
Tgt Ion:101 Resp: 65940
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2

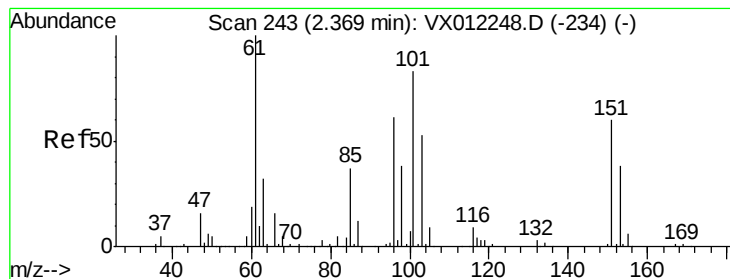


#8

Diethyl Ether
 Concen: 53.323 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion: 74 Resp: 28231
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.954 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

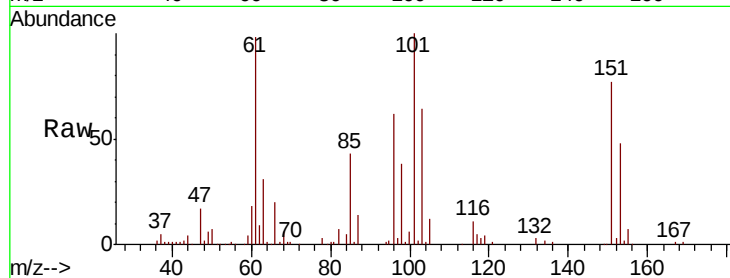
Tgt Ion:101 Resp: 47008

Ion Ratio Lower Upper

101 100

85 45.2 37.0 55.6

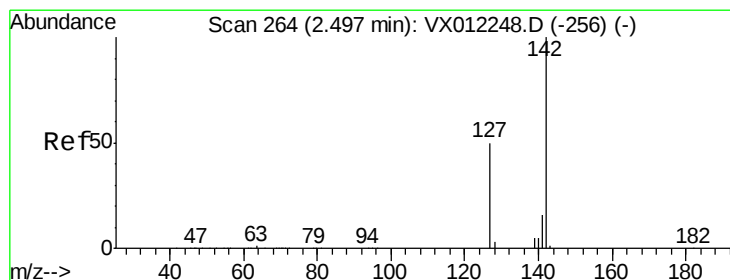
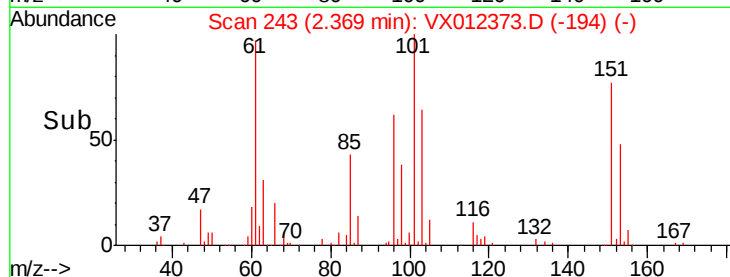
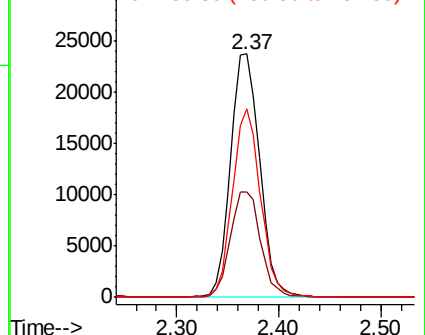
151 74.0 58.6 87.8



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: 28.247 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

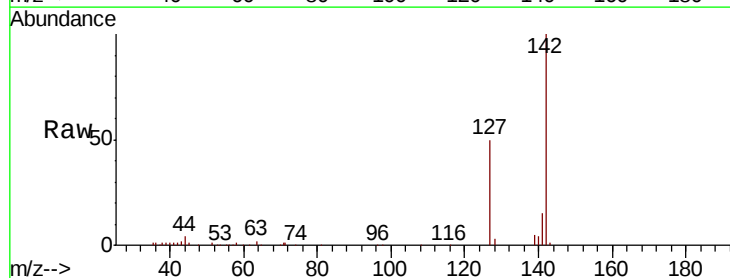
Tgt Ion:142 Resp: 28113

Ion Ratio Lower Upper

142 100

127 50.5 40.6 61.0

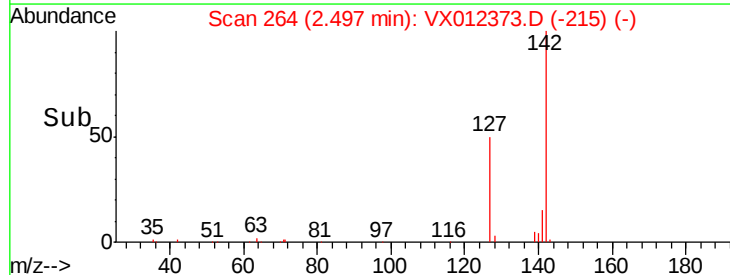
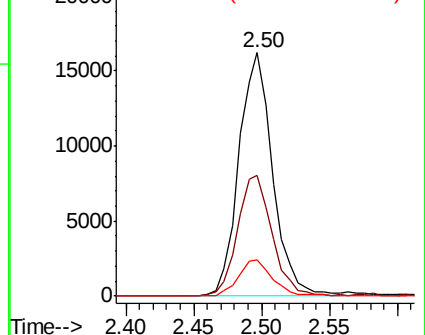
141 15.2 12.0 18.0

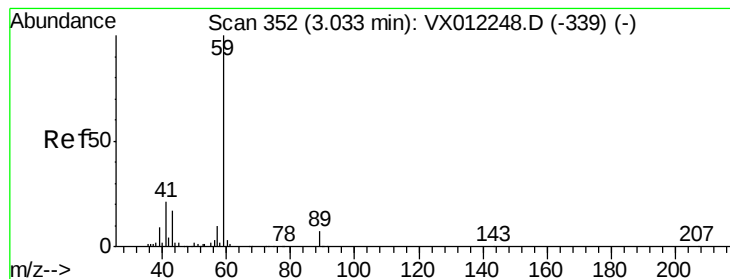


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



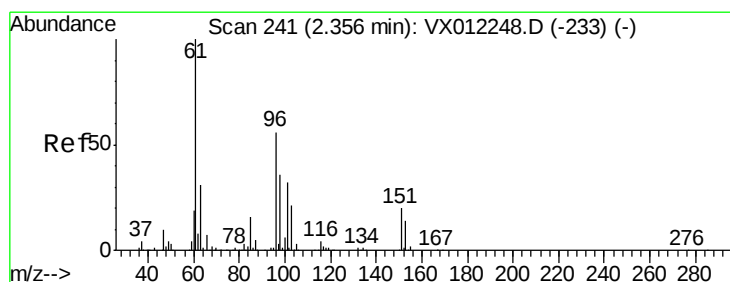
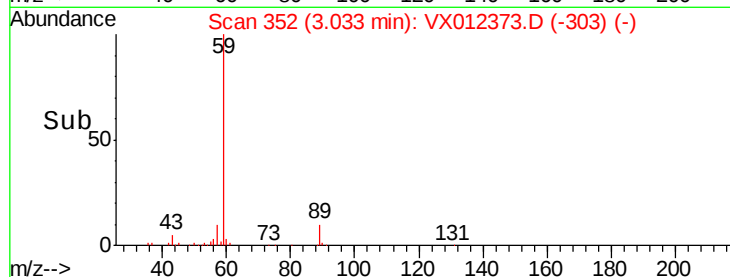
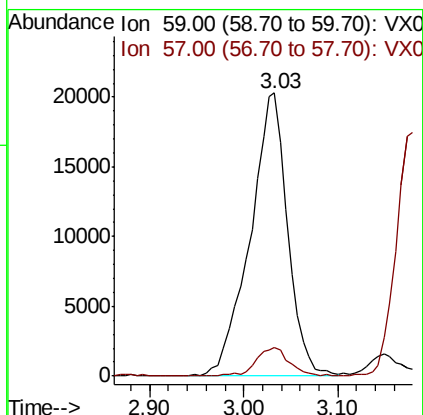
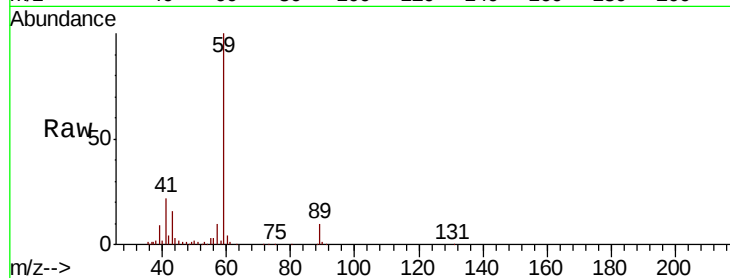


#11

Tert butyl alcohol
 Concen: 324.859 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

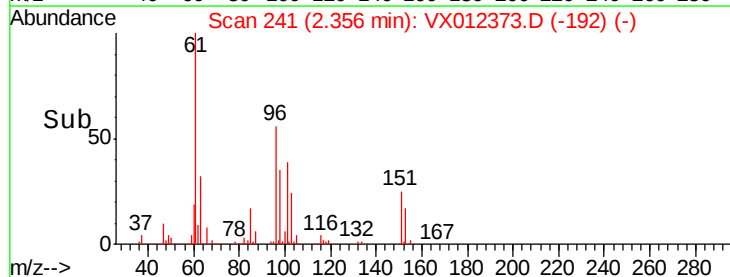
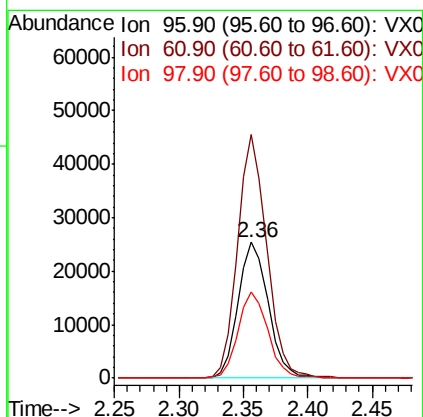
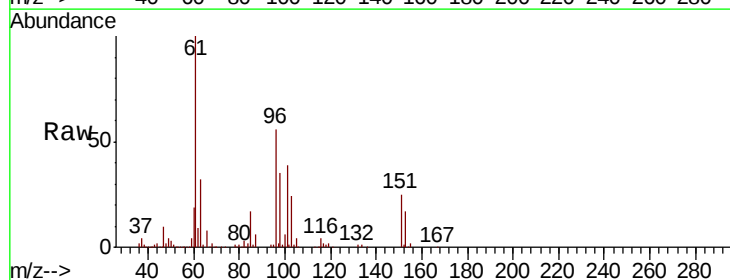
Tgt Ion: 59 Resp: 56729
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.8 11.6

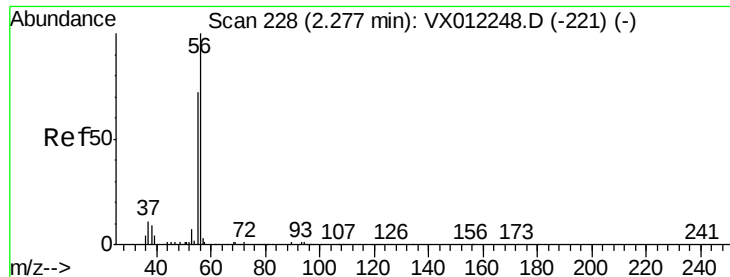


#12

1,1-Dichloroethene
 Concen: 46.491 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion: 96 Resp: 41273
 Ion Ratio Lower Upper
 96 100
 61 179.2 142.2 213.2
 98 63.7 51.3 76.9





#13

Acrolein

Concen: 299.444 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

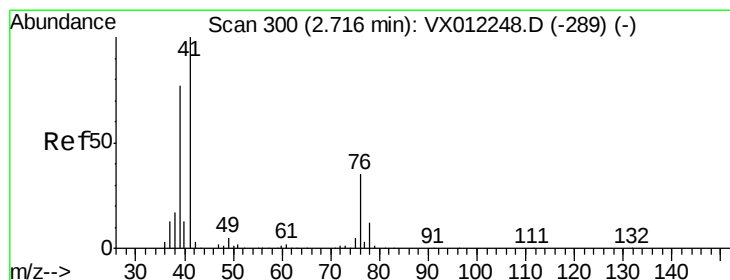
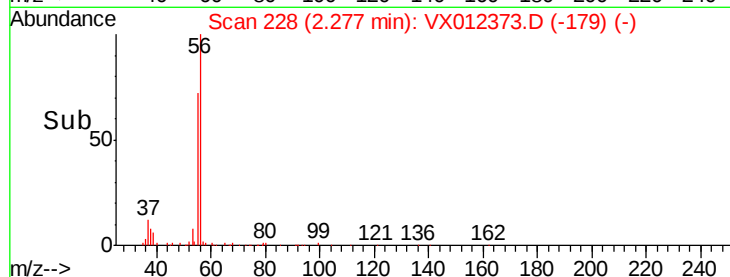
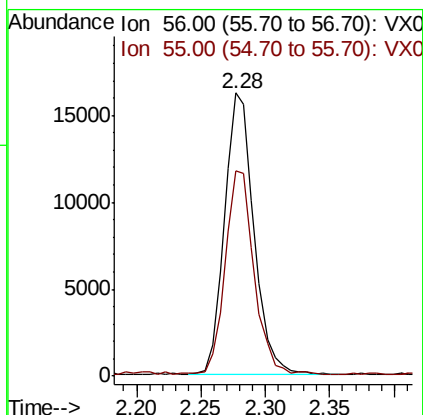
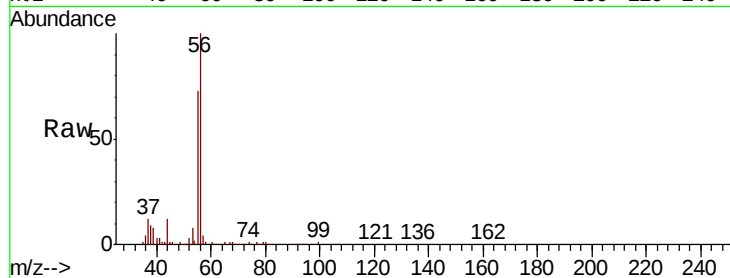
VSTDCCC050EC

Tgt Ion: 56 Resp: 25964

Ion Ratio Lower Upper

56 100

55 71.1 59.8 89.6



#14

Allyl chloride

Concen: 47.408 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

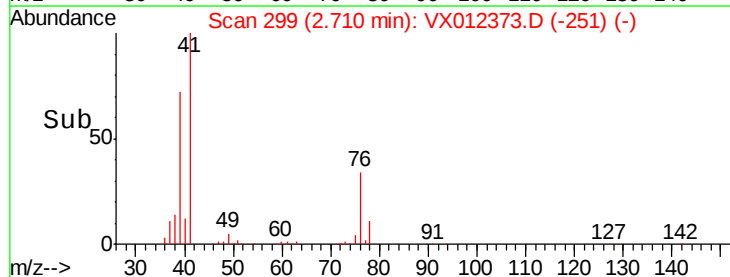
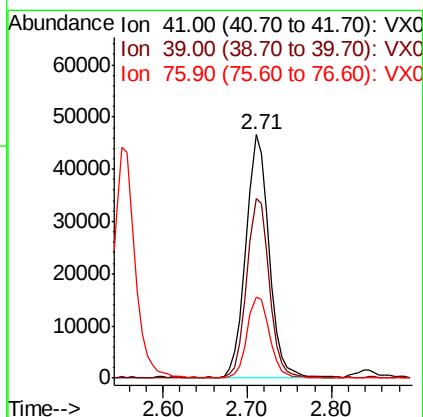
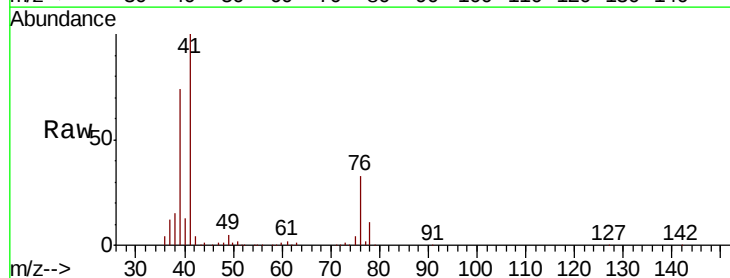
Tgt Ion: 41 Resp: 85806

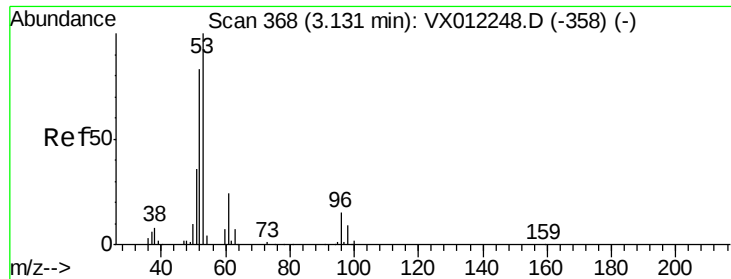
Ion Ratio Lower Upper

41 100

39 71.1 58.6 87.8

76 32.7 26.3 39.5





#15

Acrylonitrile

Concen: 296.383 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

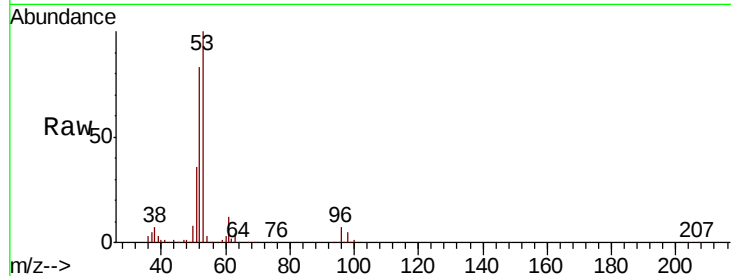
Tgt Ion: 53 Resp: 96997

Ion Ratio Lower Upper

53 100

52 81.5 66.8 100.2

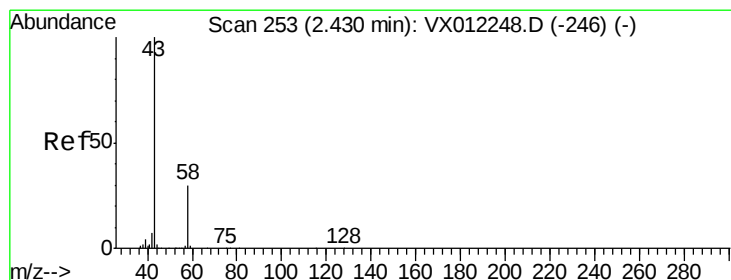
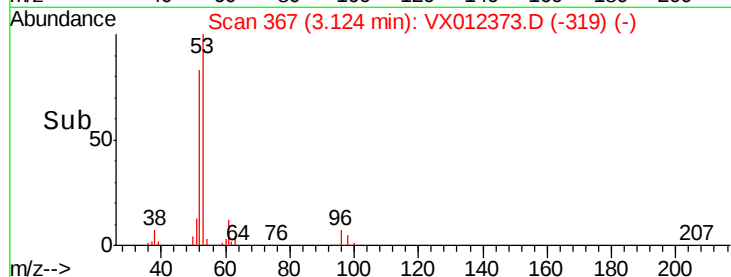
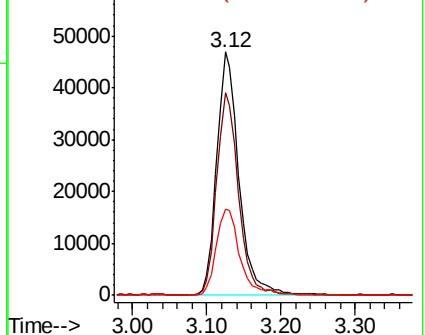
51 38.2 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.770 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012373.D

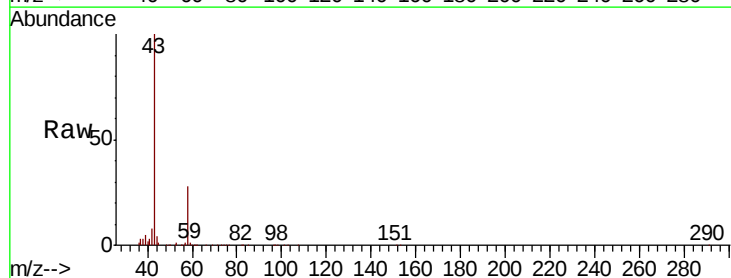
Acq: 13 Sep 2019 03:15

Tgt Ion: 43 Resp: 87473

Ion Ratio Lower Upper

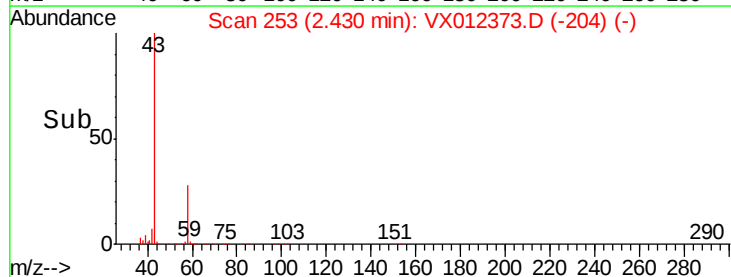
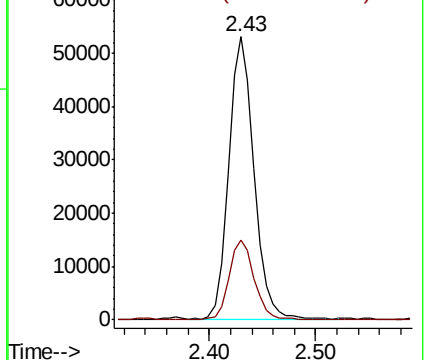
43 100

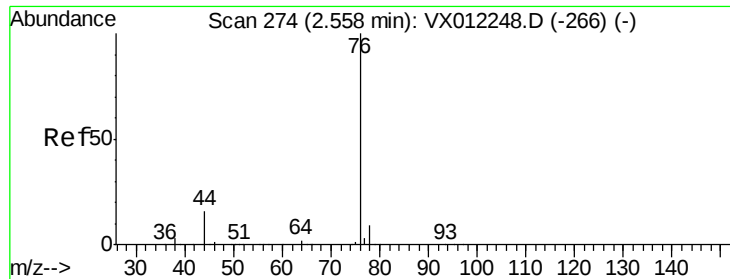
58 28.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

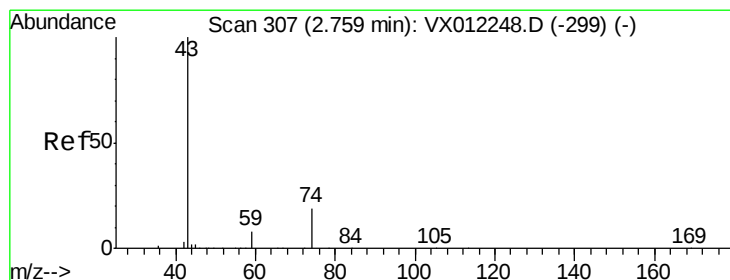
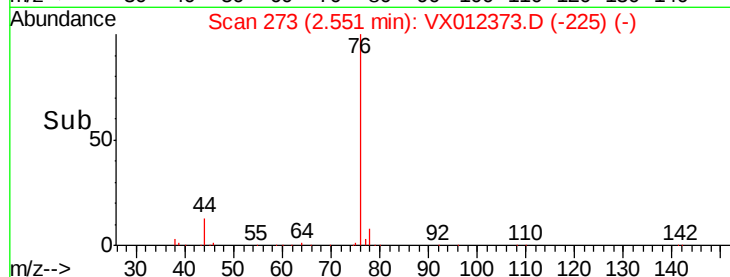
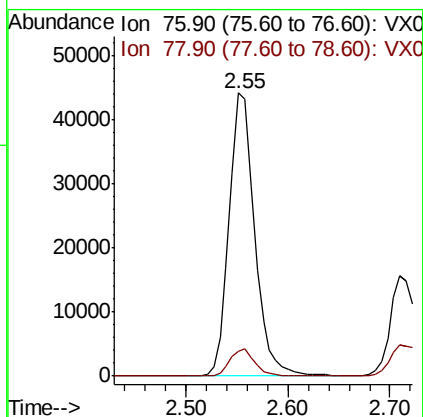
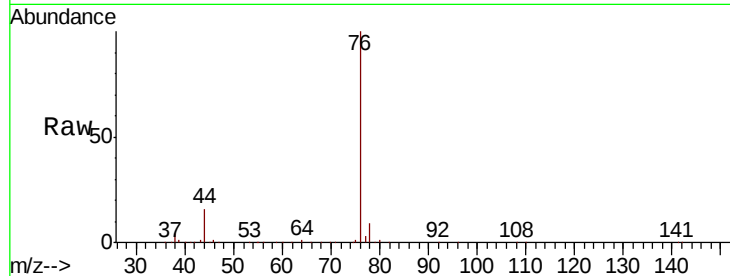




#17
Carbon Disulfide
Concen: 41.137 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

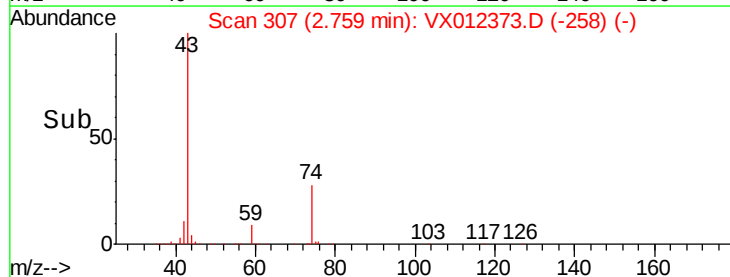
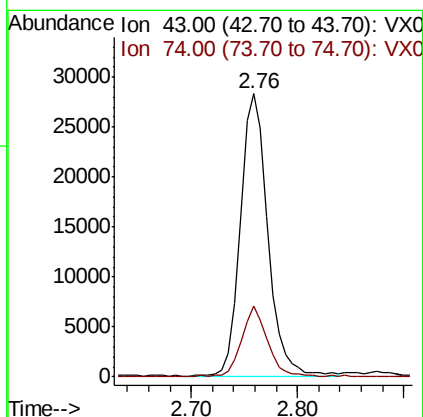
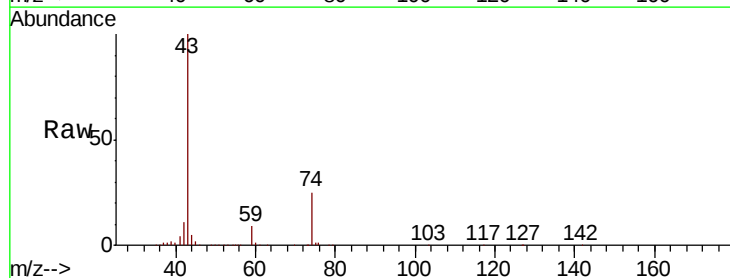
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

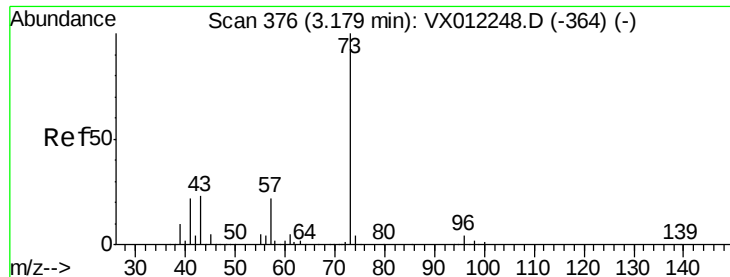
Tgt Ion: 76 Resp: 76688
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 61.850 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 43 Resp: 51046
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5

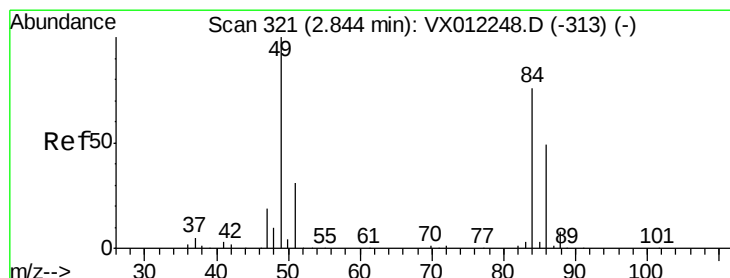
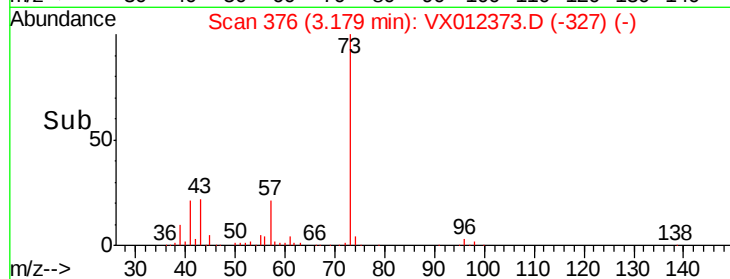
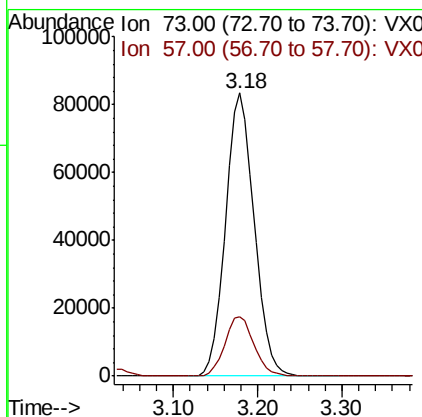
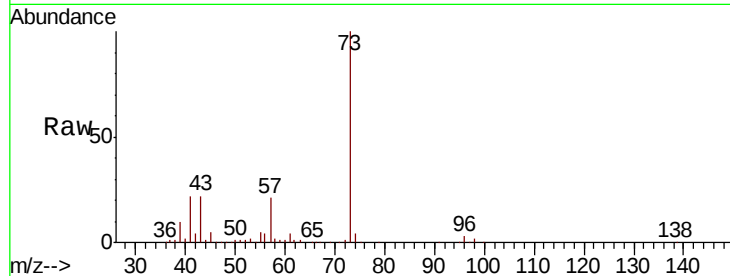




#19
Methyl tert-butyl Ether
Concen: 55.085 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

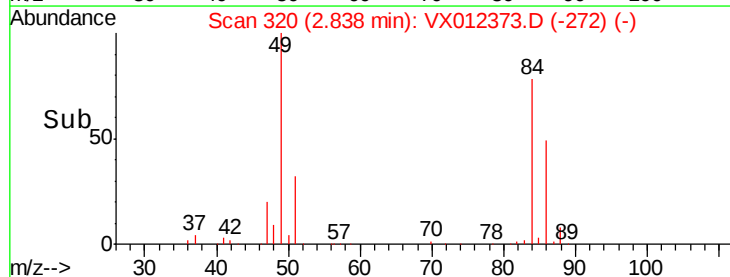
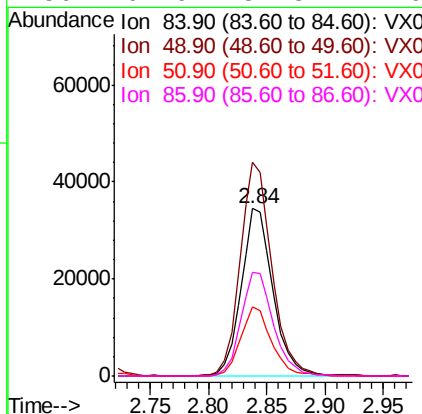
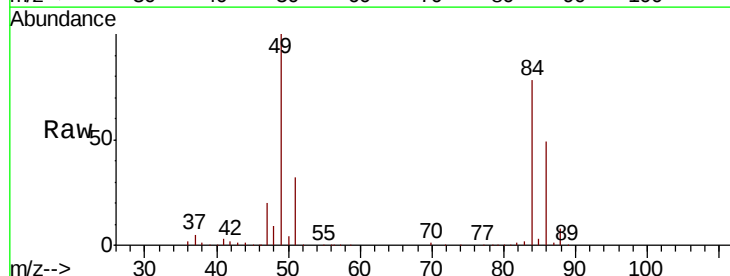
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

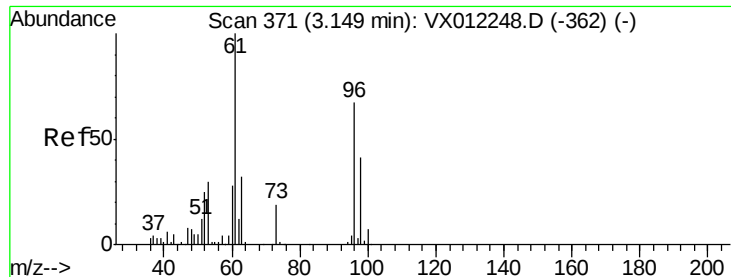
Tgt Ion: 73 Resp: 193119
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 53.456 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 84 Resp: 65263
Ion Ratio Lower Upper
84 100
49 127.2 105.0 157.6
51 40.8 32.6 48.8
86 61.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.932 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

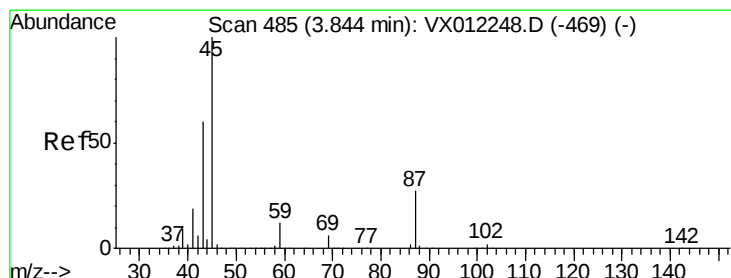
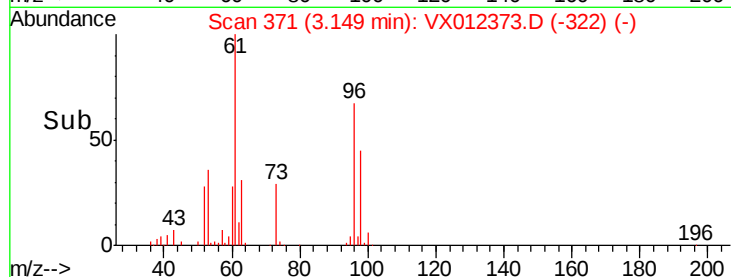
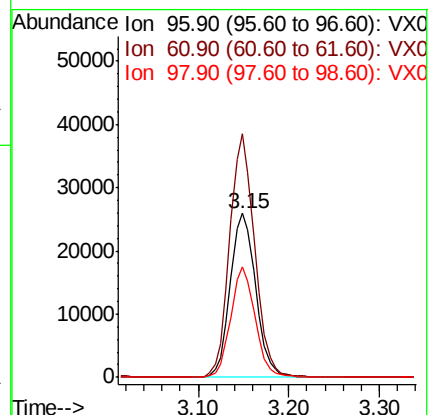
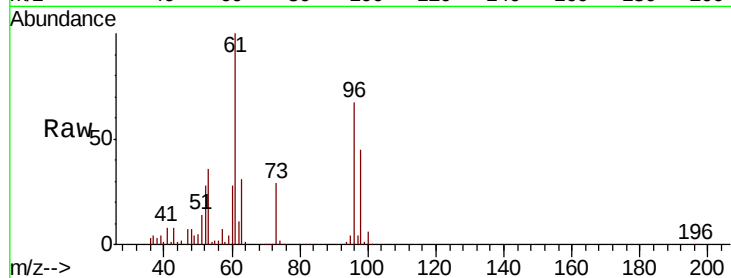
Tgt Ion: 96 Resp: 50768

Ion Ratio Lower Upper

96 100

61 148.2 119.4 179.2

98 67.3 48.4 72.6



#22

Diisopropyl ether

Concen: 52.828 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion: 45 Resp: 218671

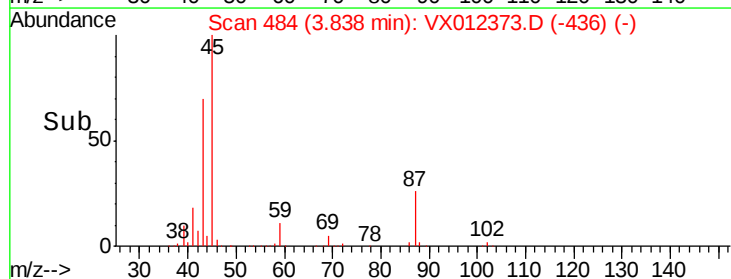
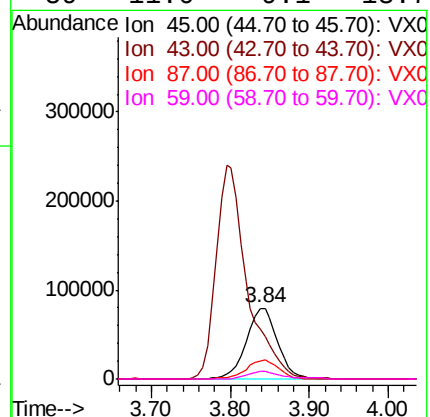
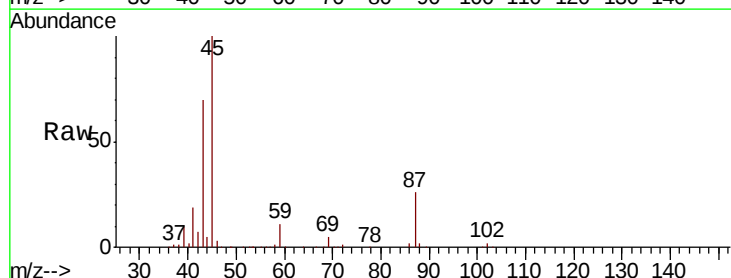
Ion Ratio Lower Upper

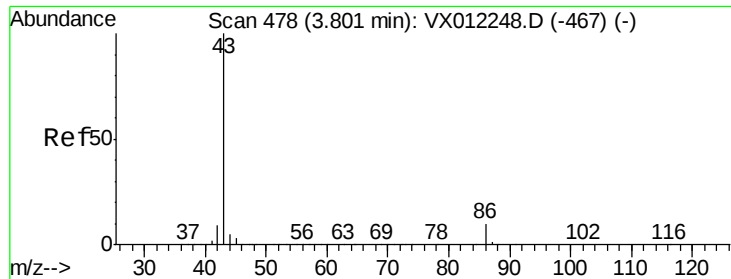
45 100

43 69.7 48.3 72.5

87 25.9 21.8 32.8

59 11.0 9.1 13.7





#23

Vinyl Acetate

Concen: 259.658 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

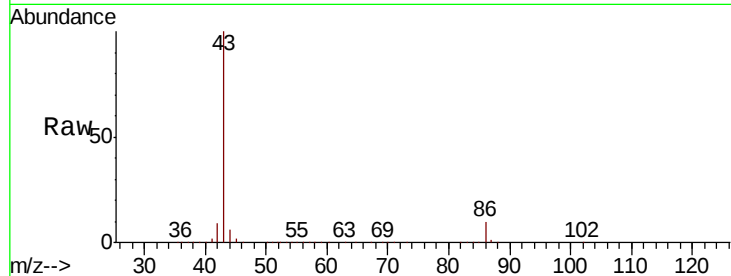
VSTDCCC050EC

Tgt Ion: 43 Resp: 659438

Ion Ratio Lower Upper

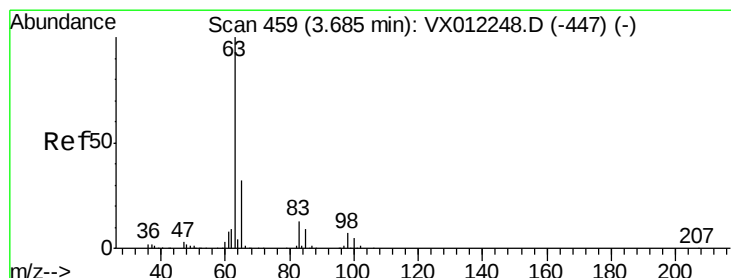
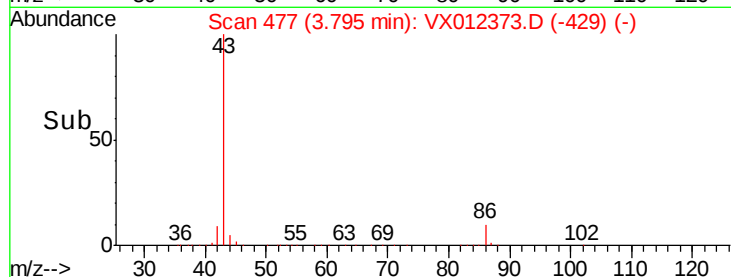
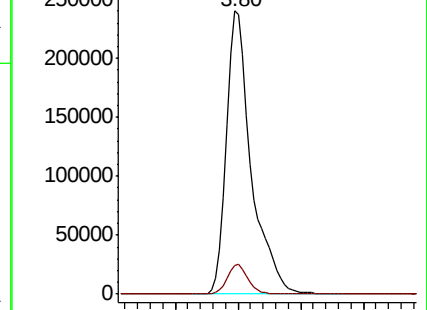
43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.520 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

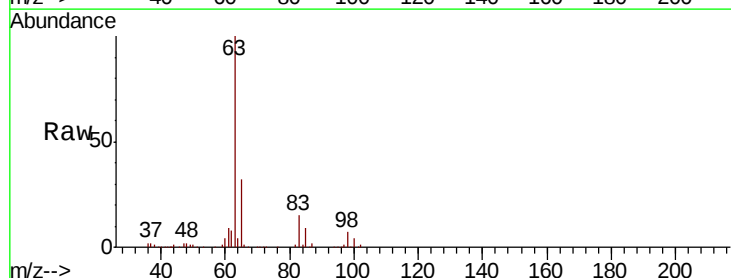
Tgt Ion: 63 Resp: 112013

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

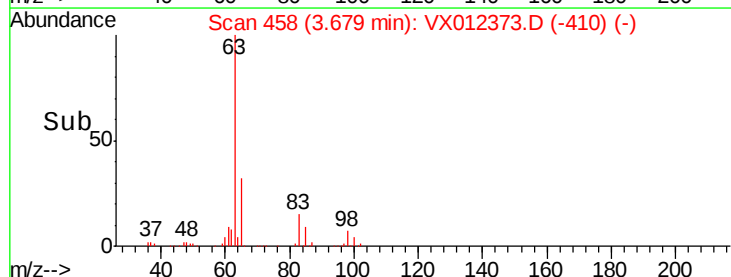
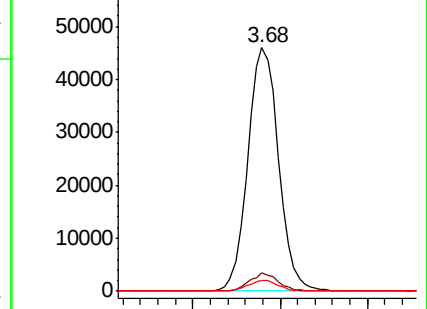
100 4.4 2.4 7.2

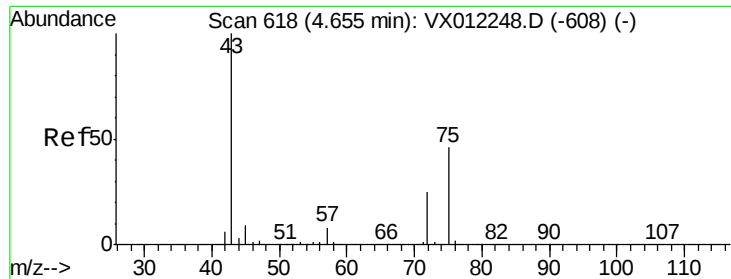


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.233 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

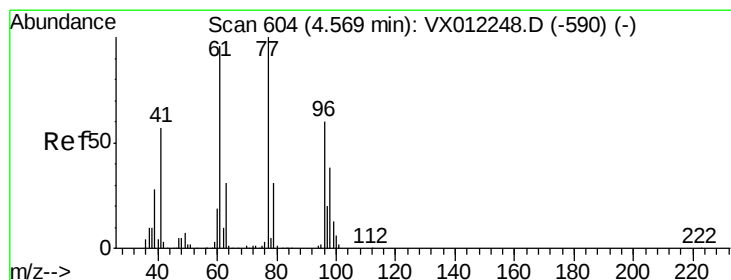
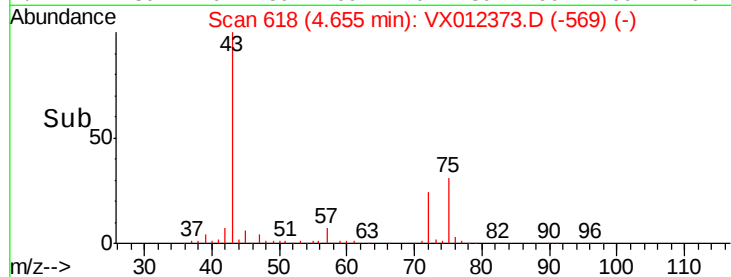
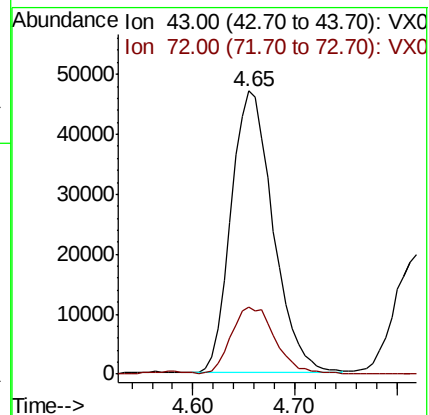
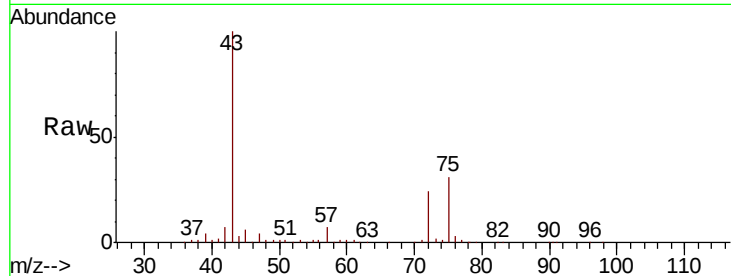
VSTDCCC050EC

Tgt Ion: 43 Resp: 134642

Ion Ratio Lower Upper

43 100

72 23.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 38.005 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012373.D

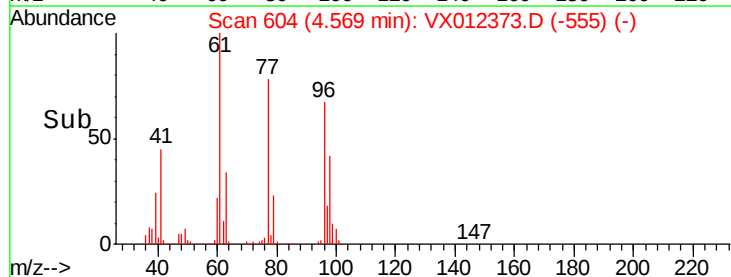
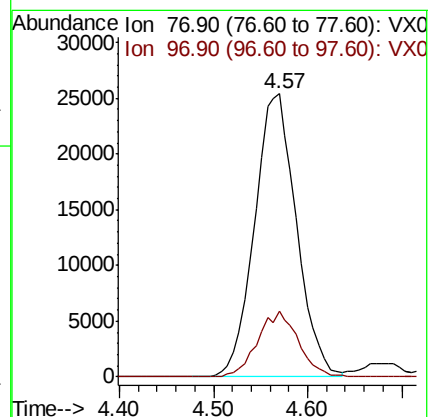
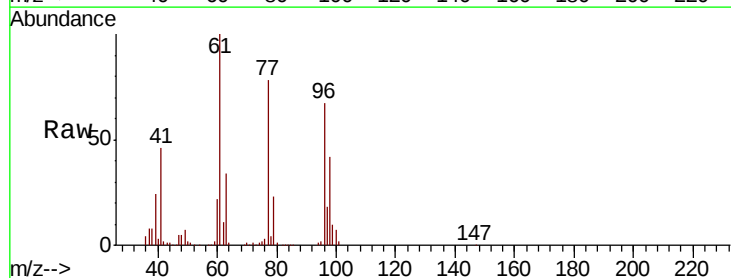
Acq: 13 Sep 2019 03:15

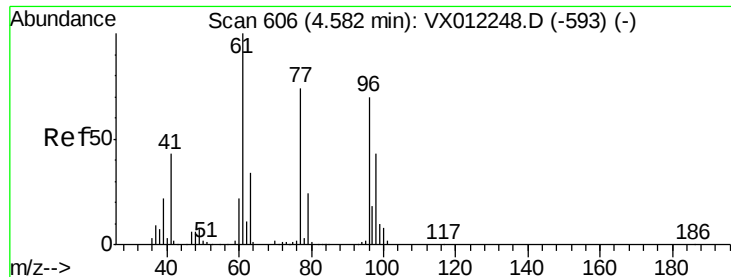
Tgt Ion: 77 Resp: 79112

Ion Ratio Lower Upper

77 100

97 22.5 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 51.146 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

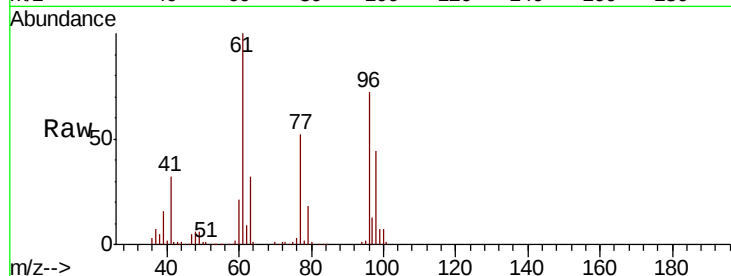
Tgt Ion: 96 Resp: 69939

Ion Ratio Lower Upper

96 100

61 148.8 0.0 310.4

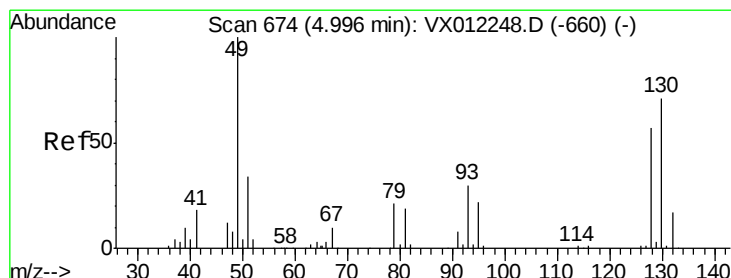
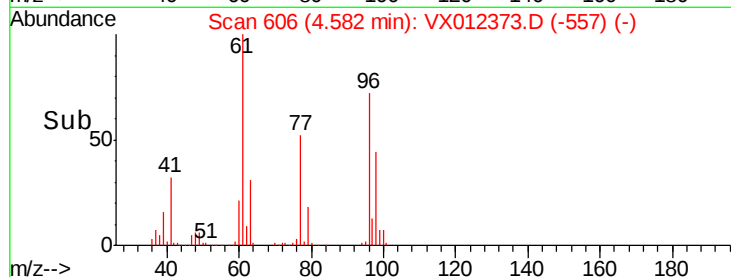
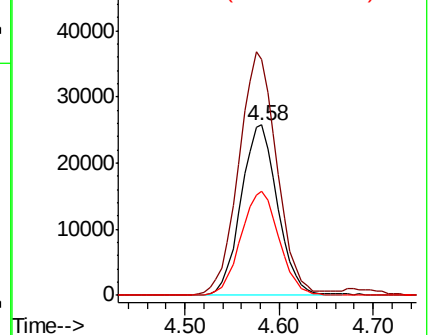
98 64.0 0.0 128.8



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



#28

Bromochloromethane

Concen: 56.412 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

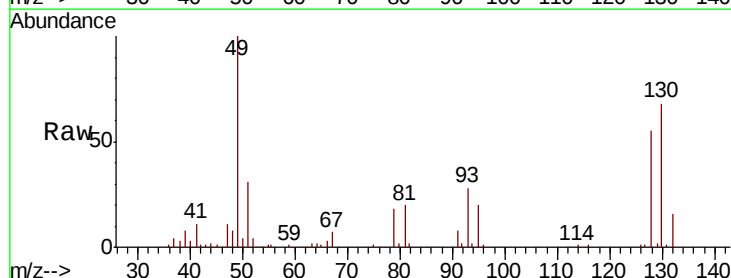
Tgt Ion: 49 Resp: 58661

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

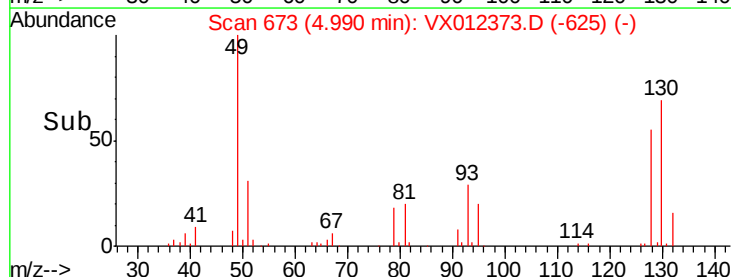
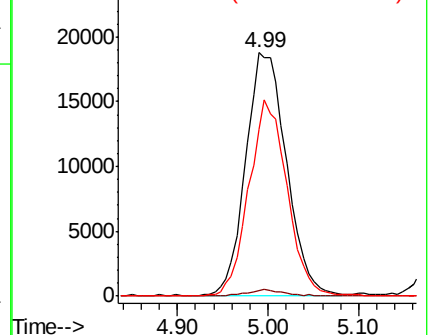
130 75.2 60.1 90.1

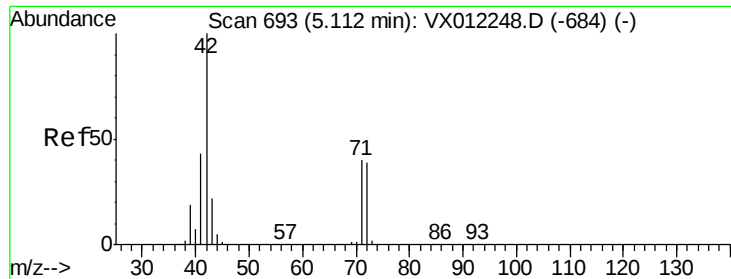


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 308.191 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

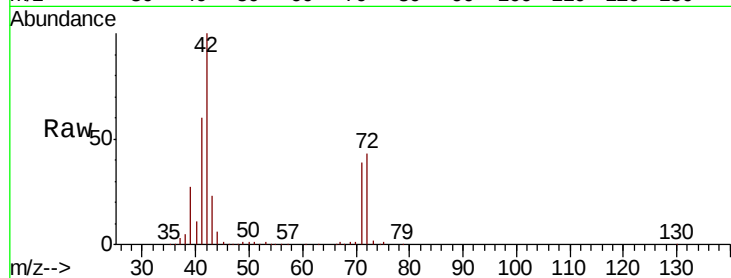
Tgt Ion: 42 Resp: 83467

Ion Ratio Lower Upper

42 100

72 43.0 35.2 52.8

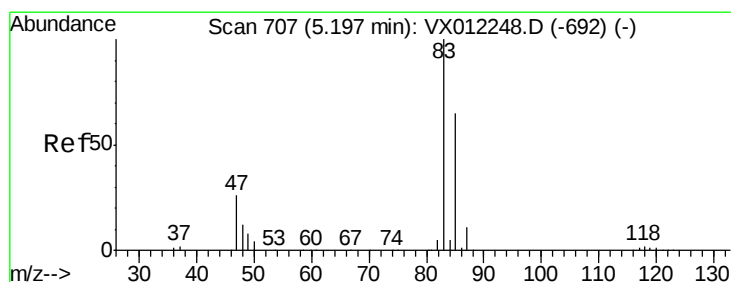
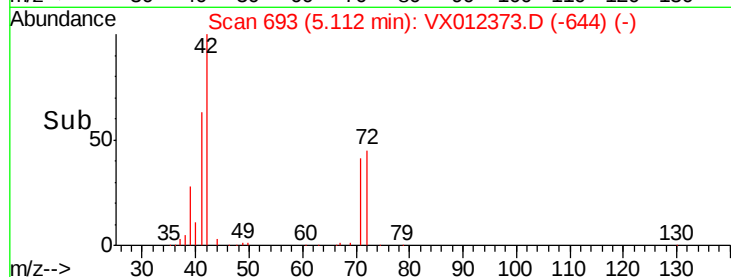
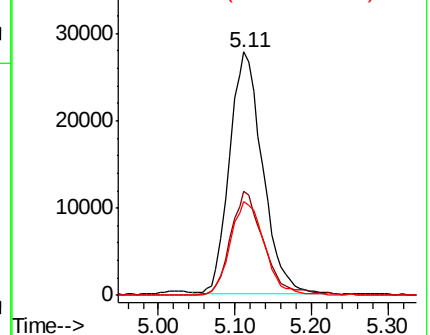
71 40.0 32.5 48.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.130 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012373.D

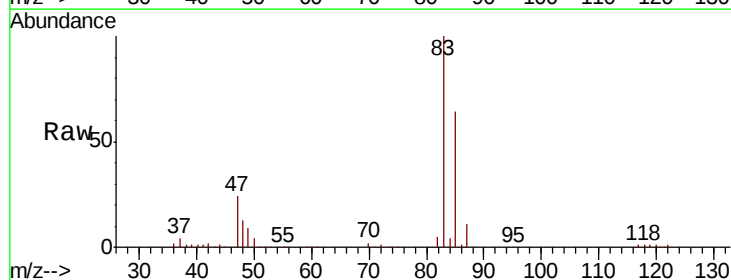
Acq: 13 Sep 2019 03:15

Tgt Ion: 83 Resp: 125335

Ion Ratio Lower Upper

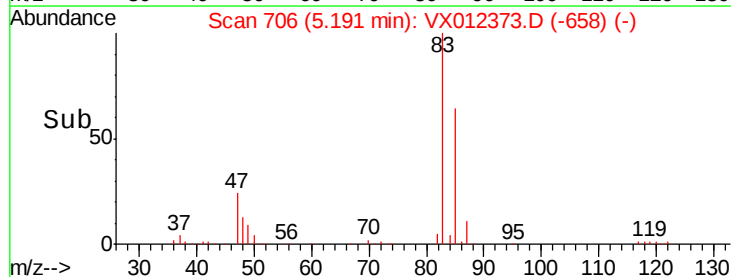
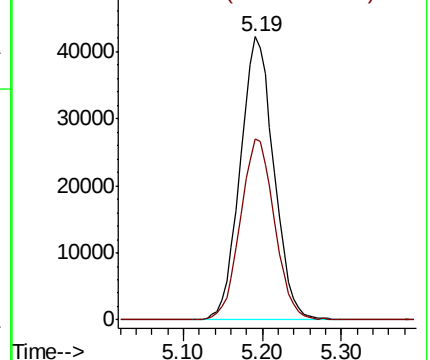
83 100

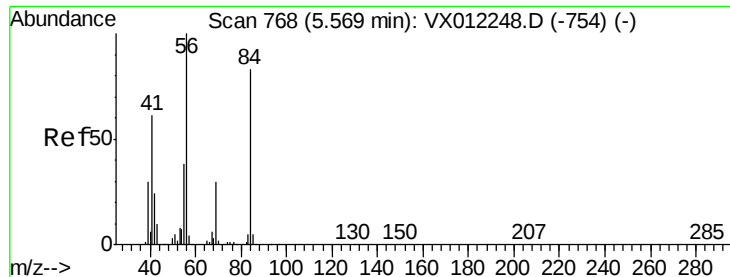
85 64.2 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

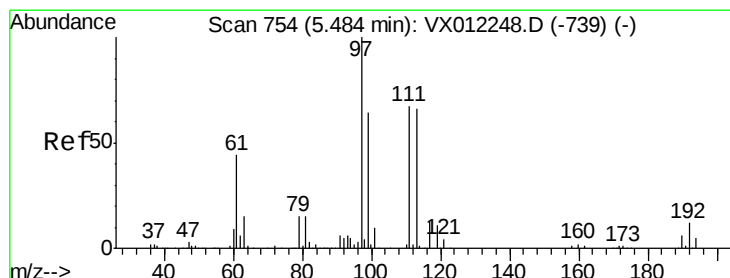
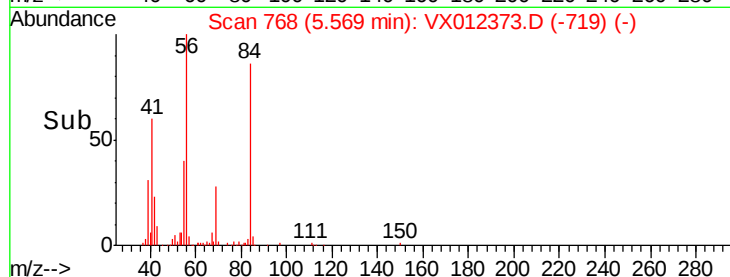
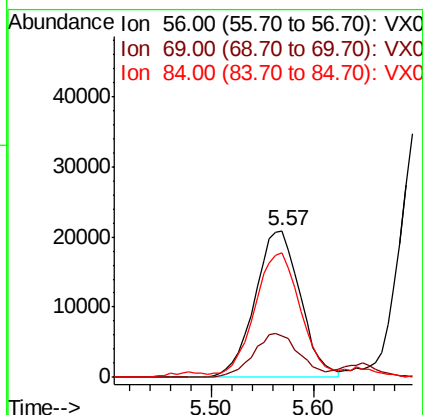
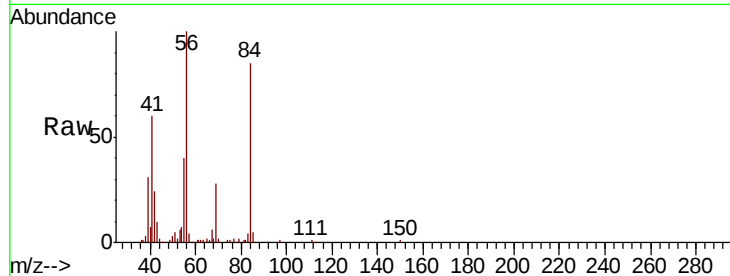




#31
Cyclohexane
Concen: 41.845 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

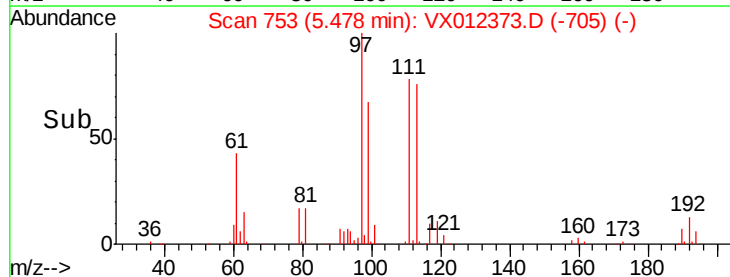
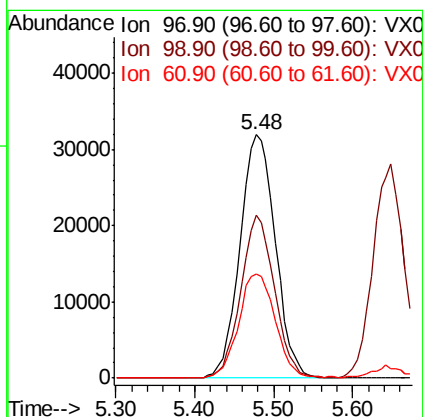
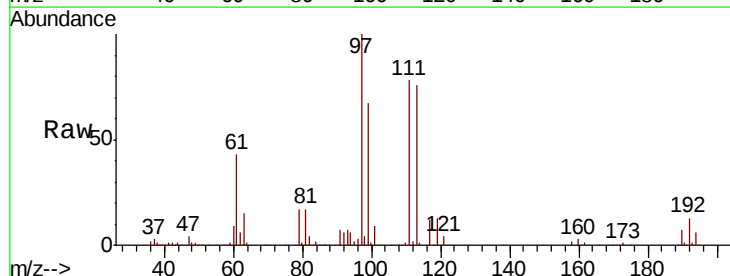
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

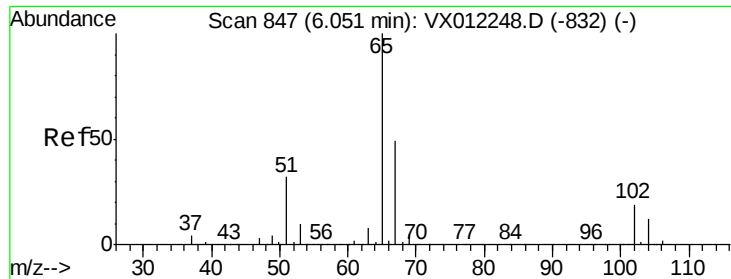
Tgt Ion: 56 Resp: 64449
Ion Ratio Lower Upper
56 100
69 27.8 23.8 35.6
84 81.8 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 46.513 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 97 Resp: 99857
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 44.3 35.4 53.0

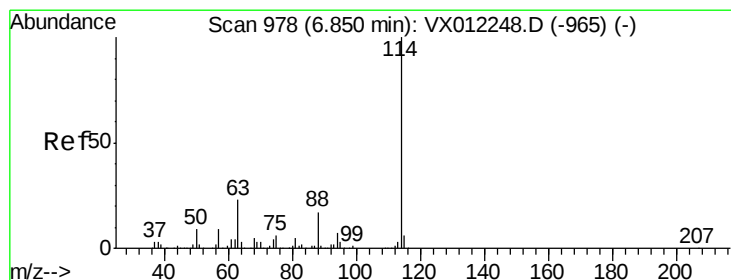
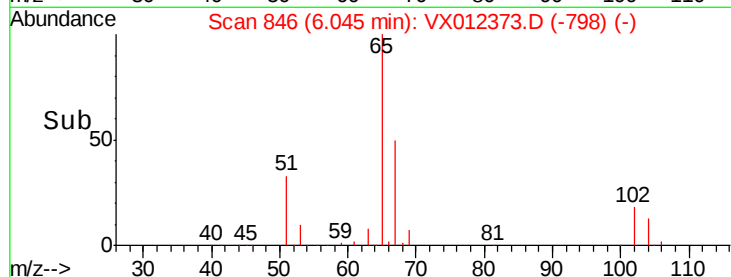
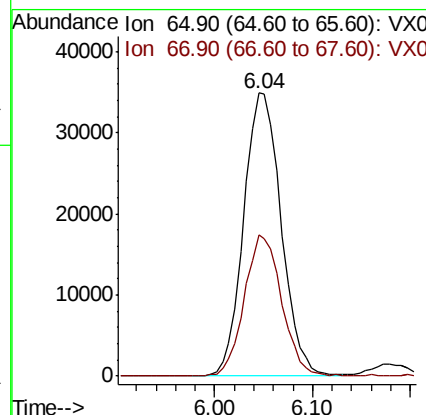
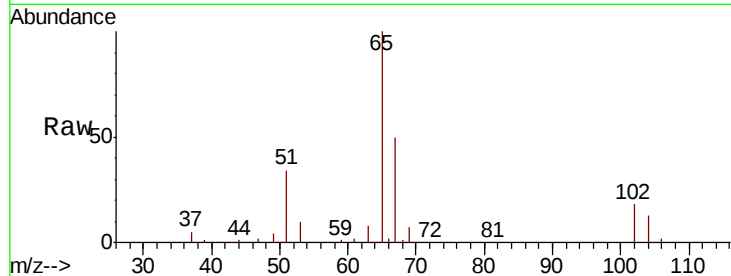




#33
 1,2-Dichloroethane-d4
 Concen: 56.074 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

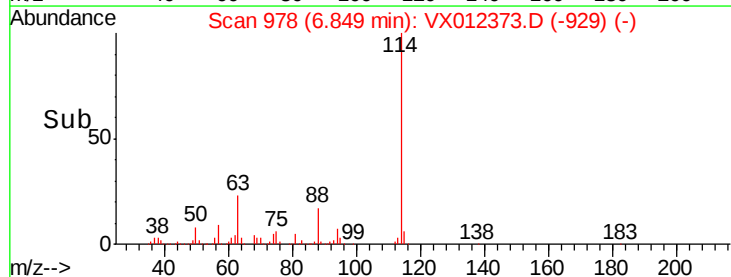
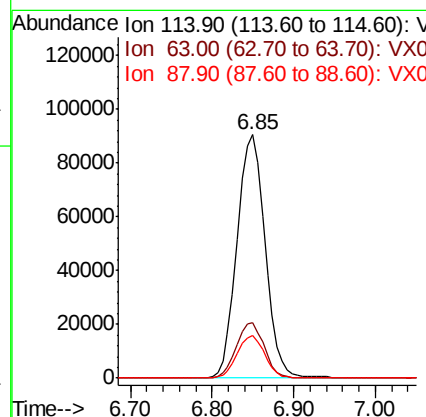
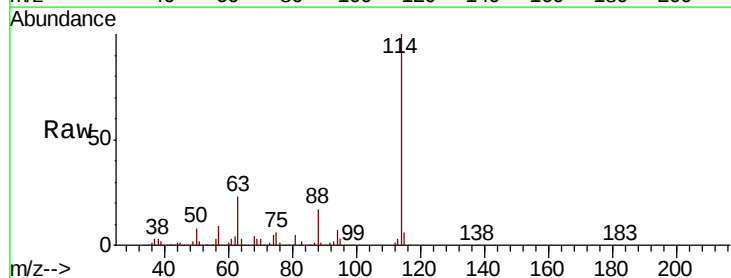
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

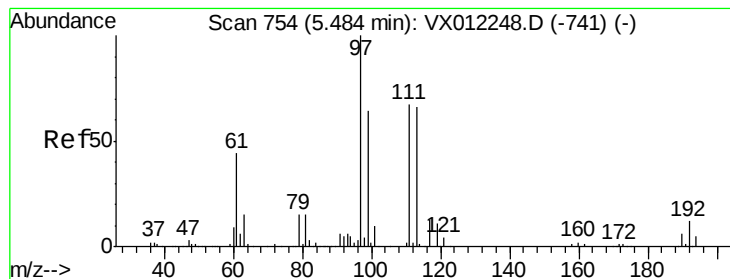
Tgt Ion: 65 Resp: 93009
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion: 114 Resp: 215755
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 17.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.381 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

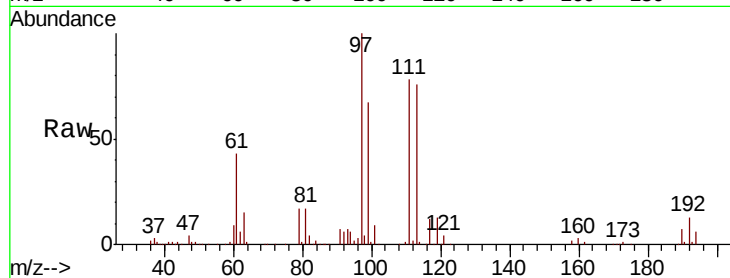
Tgt Ion:113 Resp: 71065

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

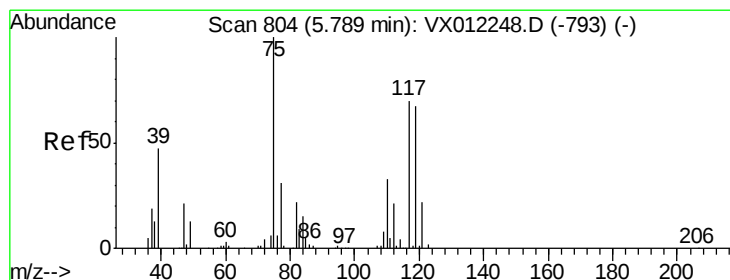
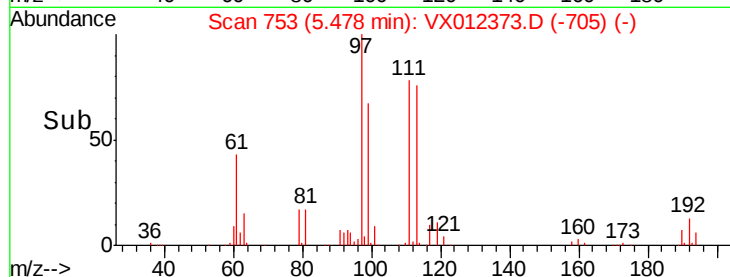
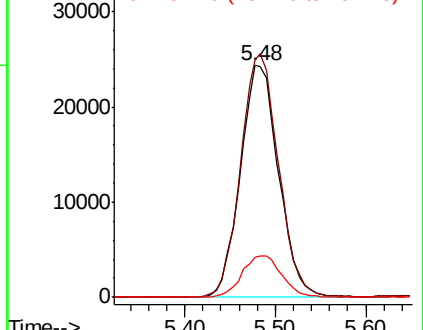
192 18.7 14.3 21.5



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: 44.784 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

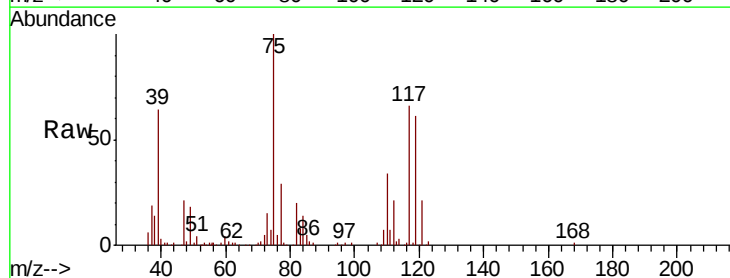
Tgt Ion: 75 Resp: 70455

Ion Ratio Lower Upper

75 100

110 34.8 16.8 50.4

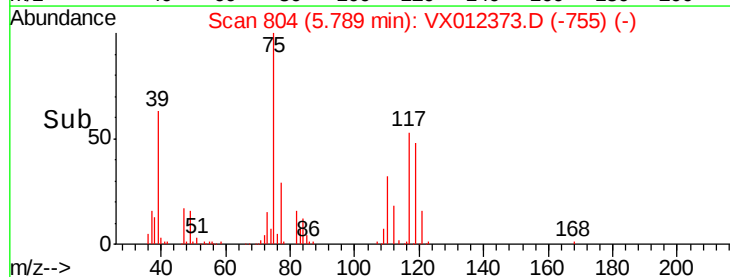
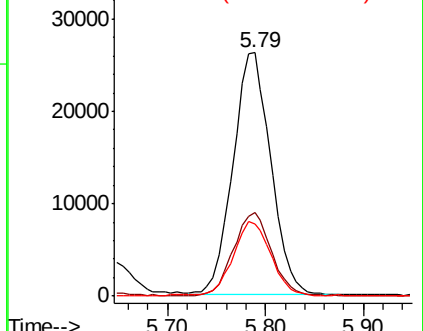
77 31.5 24.5 36.7



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: 57.276 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

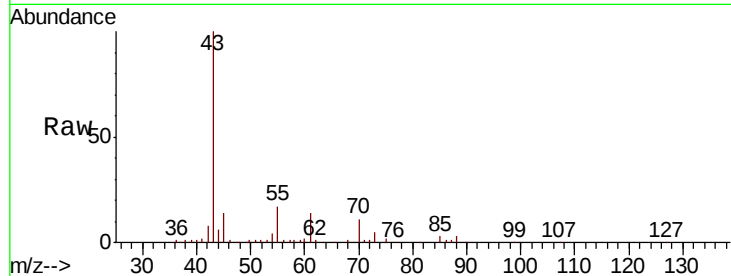
Tgt Ion: 43 Resp: 55701

Ion Ratio Lower Upper

43 100

61 14.0 10.3 15.5

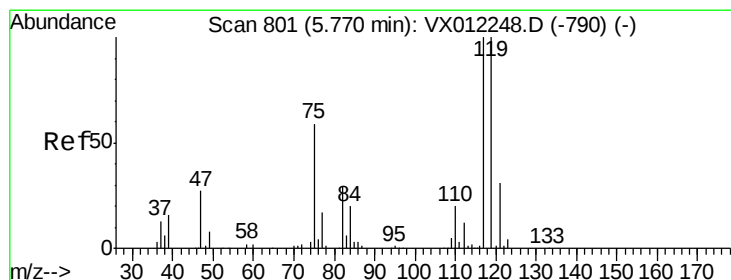
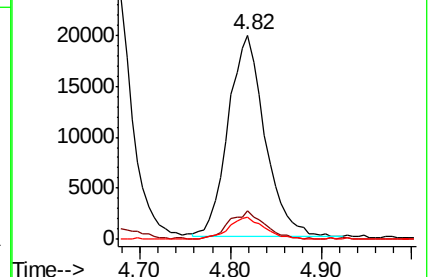
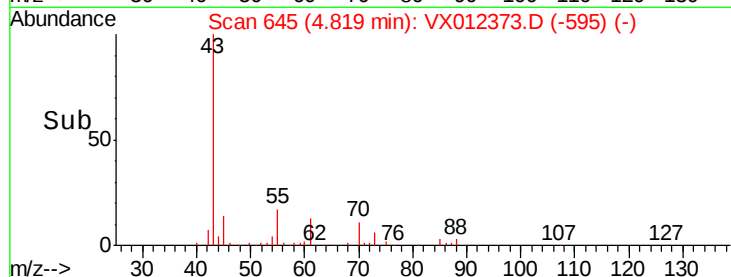
70 11.0 9.1 13.7



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: 42.273 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

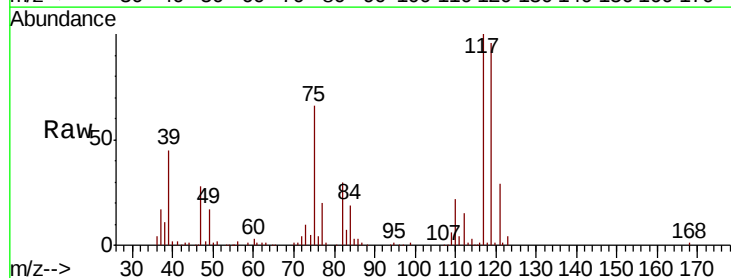
Tgt Ion: 117 Resp: 78027

Ion Ratio Lower Upper

117 100

119 96.1 79.6 119.4

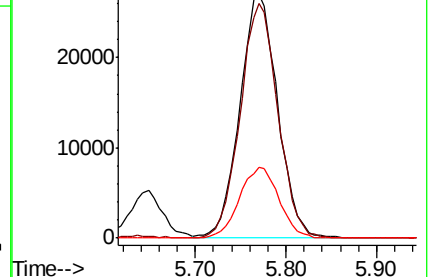
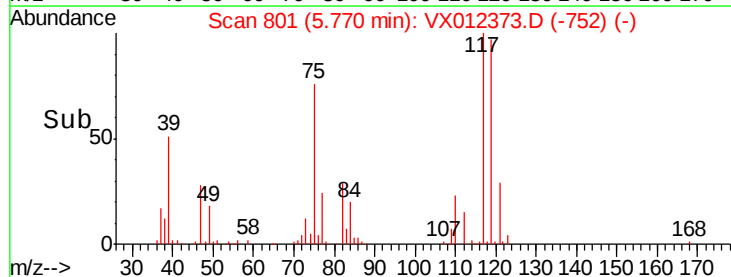
121 29.3 24.7 37.1

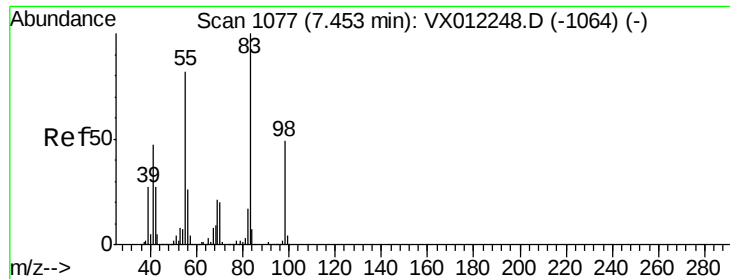


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

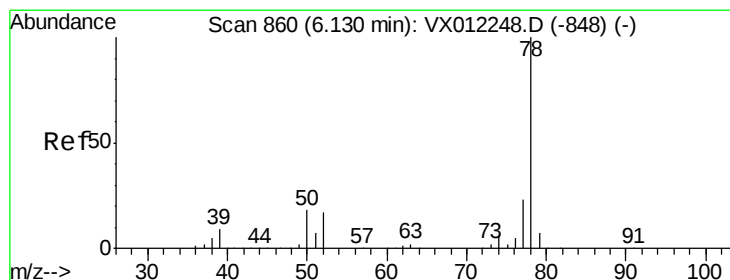
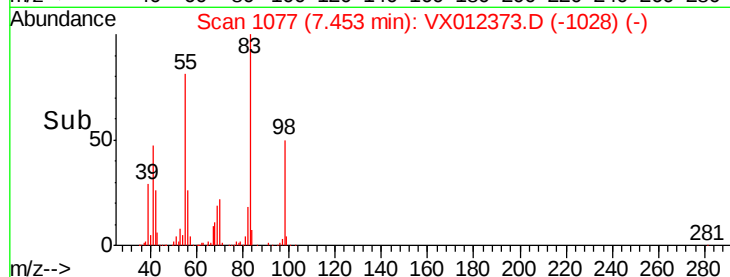
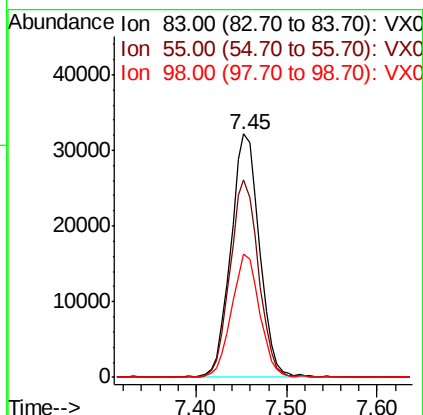
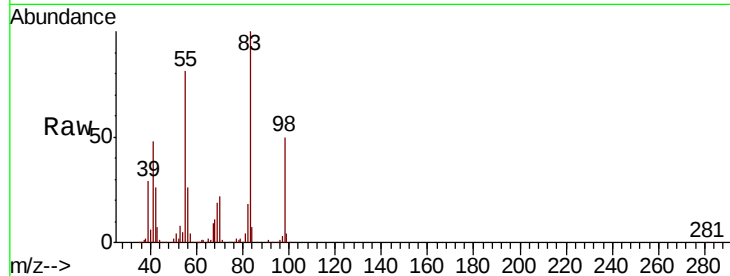




#39
Methylcyclohexane
Concen: 40.914 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

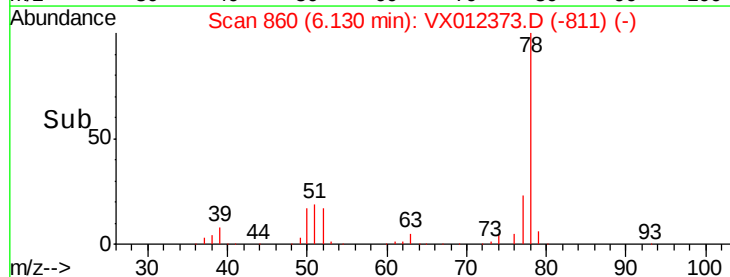
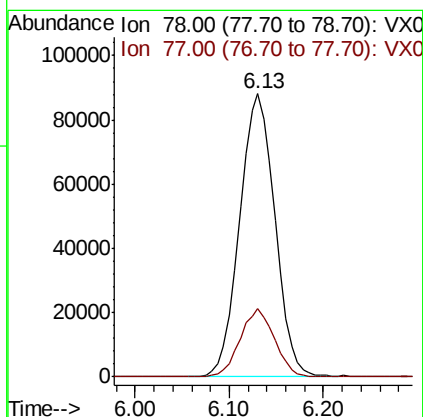
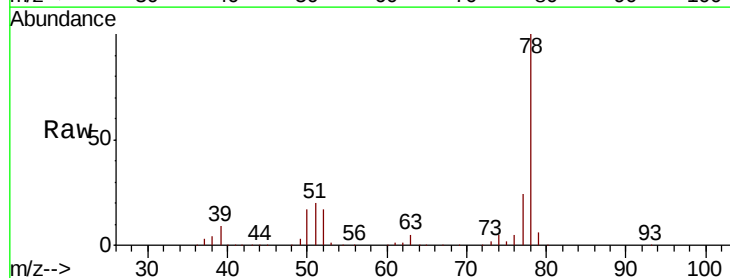
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

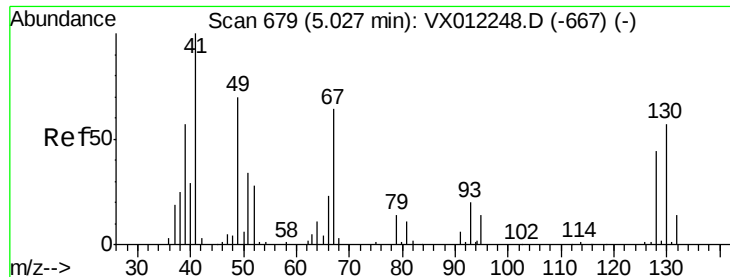
Tgt Ion: 83 Resp: 70637
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.2
98 50.5 39.6 59.4



#40
Benzene
Concen: 48.262 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 78 Resp: 229797
Ion Ratio Lower Upper
78 100
77 23.9 18.0 27.0





#41

Methacrylonitrile

Concen: 55.498 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 33273

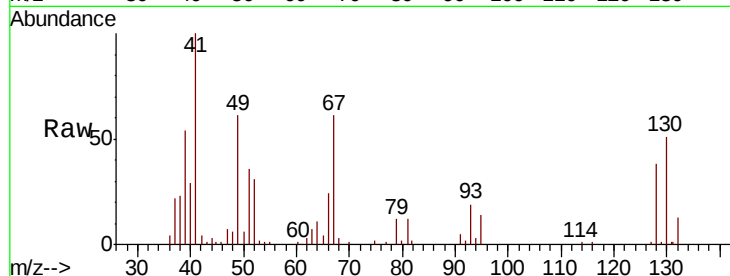
Ion Ratio Lower Upper

41 100

39 58.4 49.0 73.4

67 69.5 55.0 82.4

52 33.4 25.4 38.0



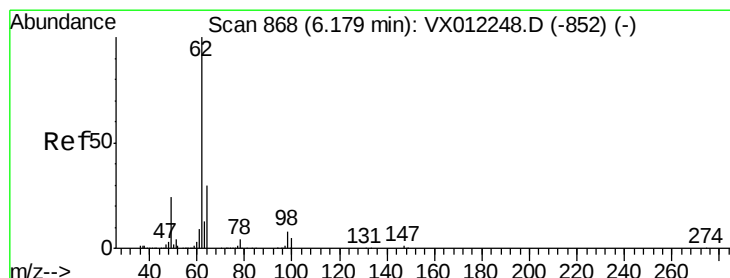
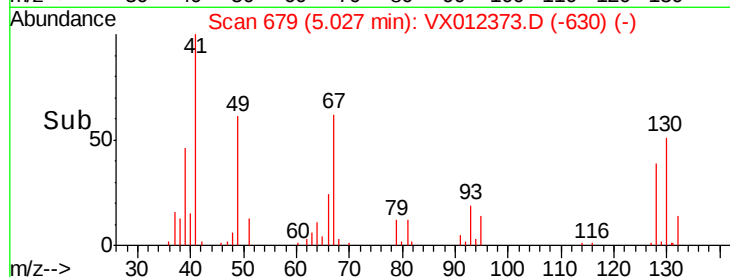
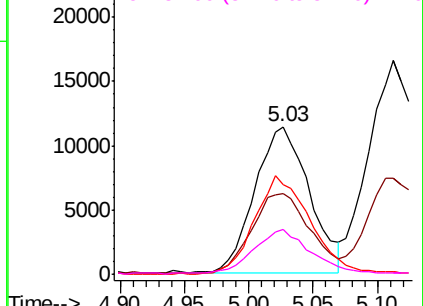
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.820 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012373.D

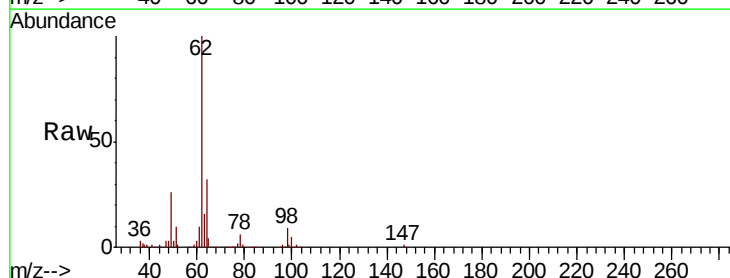
Acq: 13 Sep 2019 03:15

Tgt Ion: 62 Resp: 95638

Ion Ratio Lower Upper

62 100

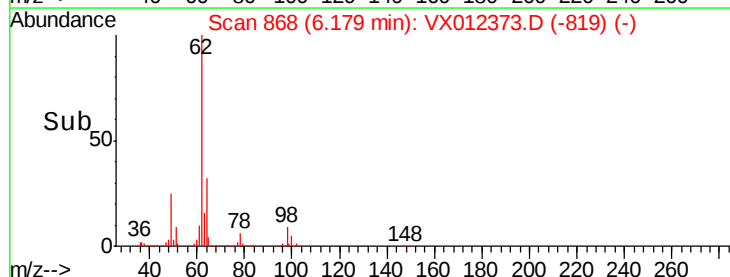
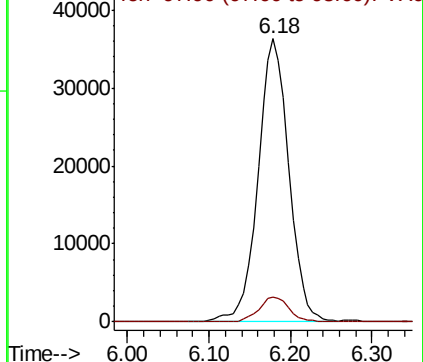
98 8.7 0.0 17.2

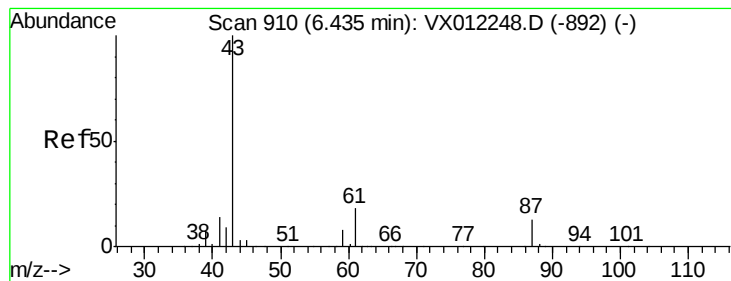


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.798 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

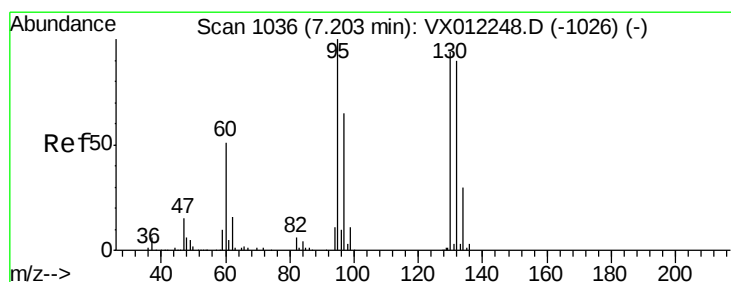
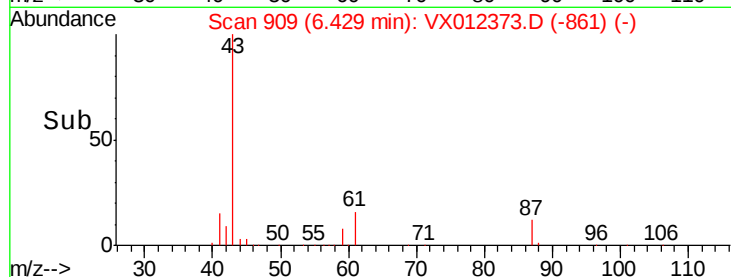
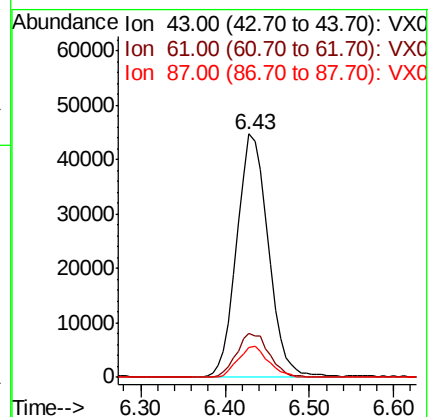
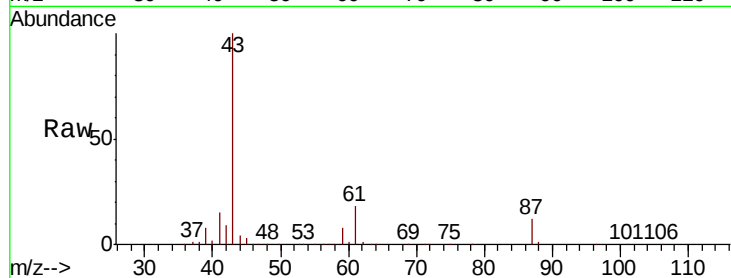
Tgt Ion: 43 Resp: 112354

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.2

87 12.6 10.5 15.7



#44

Trichloroethene

Concen: 48.341 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012373.D

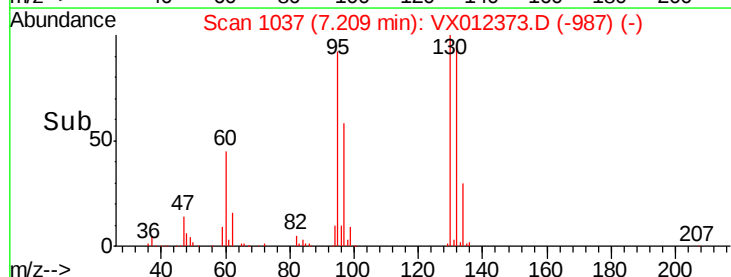
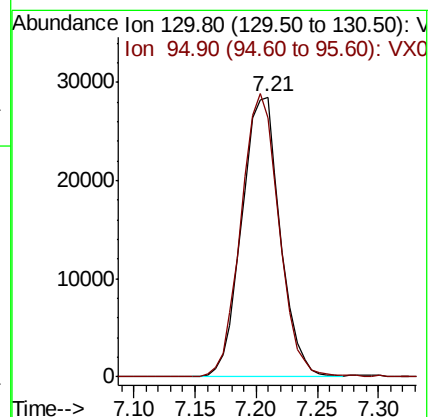
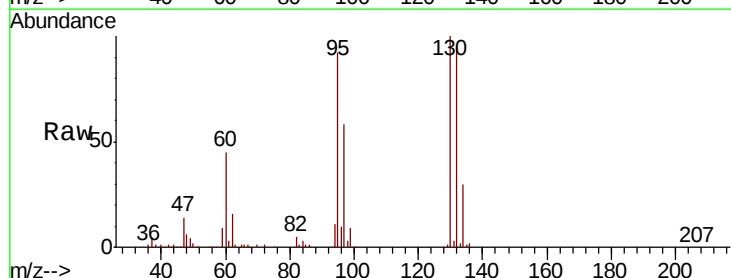
Acq: 13 Sep 2019 03:15

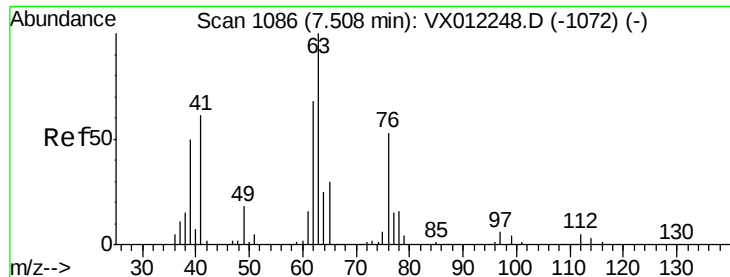
Tgt Ion: 130 Resp: 62291

Ion Ratio Lower Upper

130 100

95 92.3 0.0 212.0

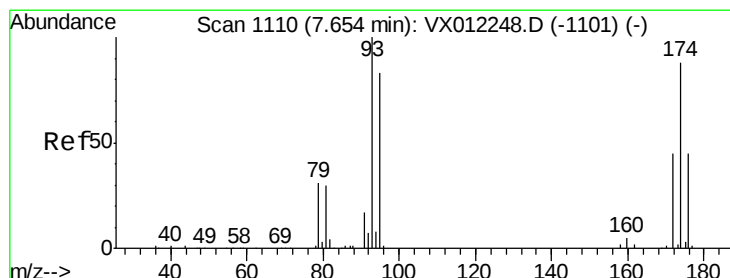
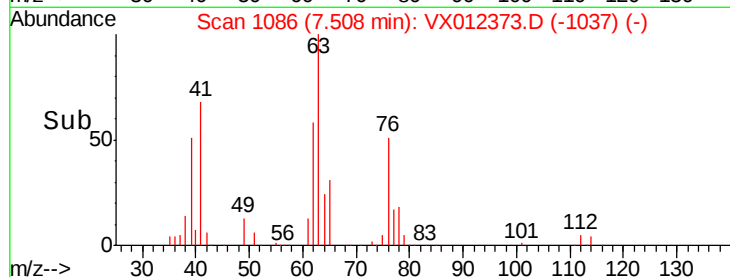
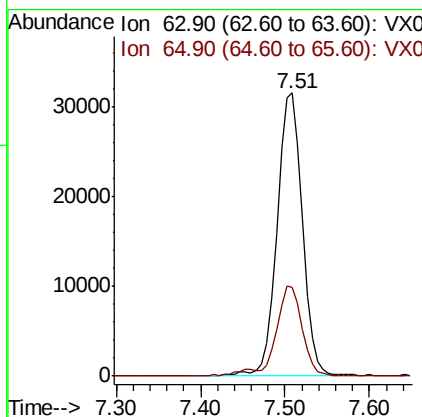
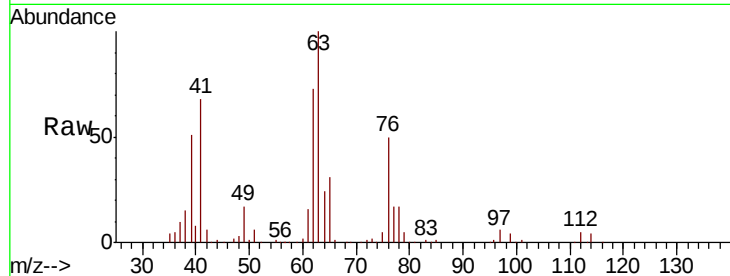




#45
 1,2-Dichloropropane
 Concen: 50.032 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

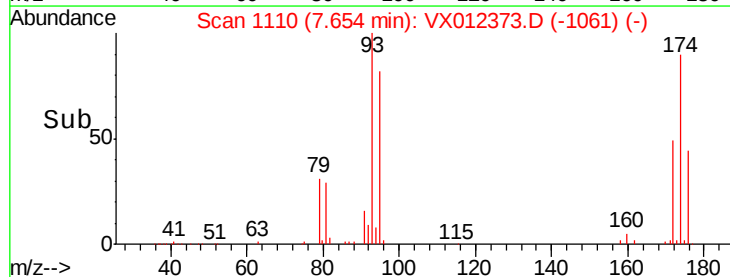
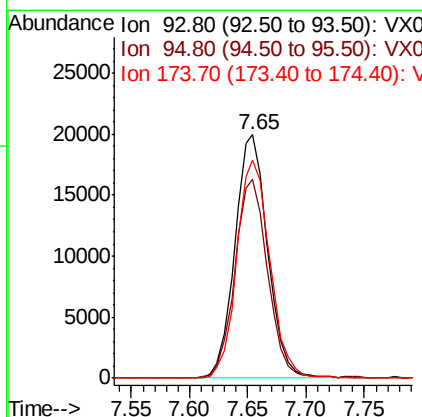
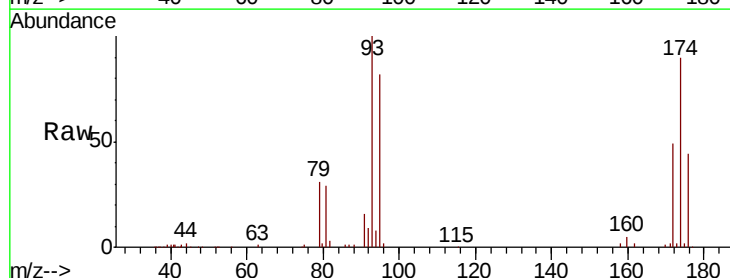
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

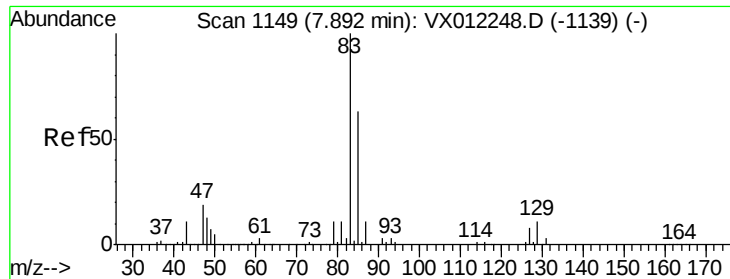
Tgt Ion: 63 Resp: 65940
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 54.298 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion: 93 Resp: 39112
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.7 98.5
 174 90.4 71.0 106.4





#47

Bromodichloromethane

Concen: 49.257 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

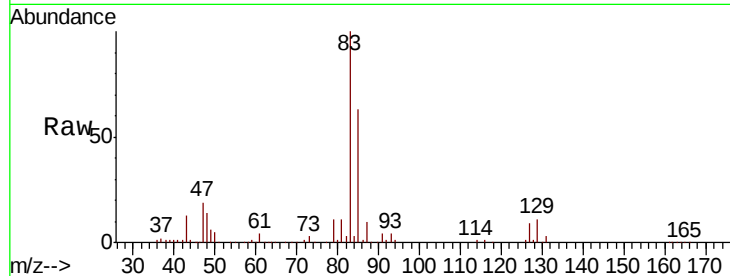
Tgt Ion: 83 Resp: 96826

Ion Ratio Lower Upper

83 100

85 63.2 50.2 75.4

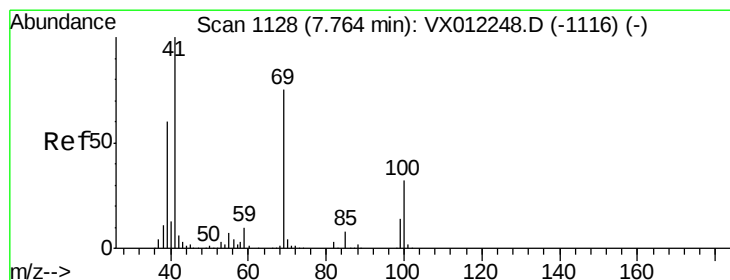
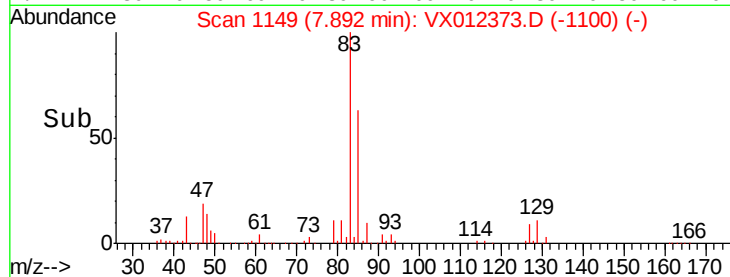
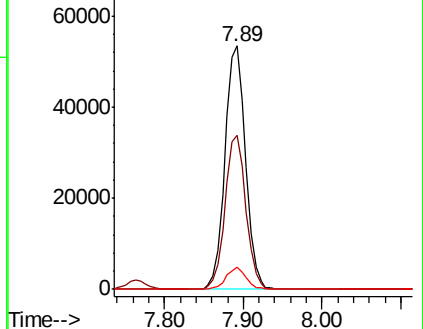
127 9.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.761 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

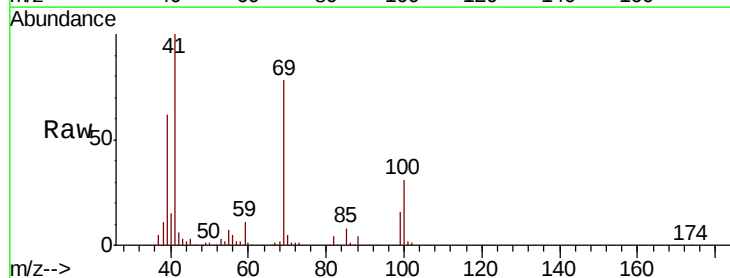
Tgt Ion: 41 Resp: 53743

Ion Ratio Lower Upper

41 100

69 75.5 61.8 92.6

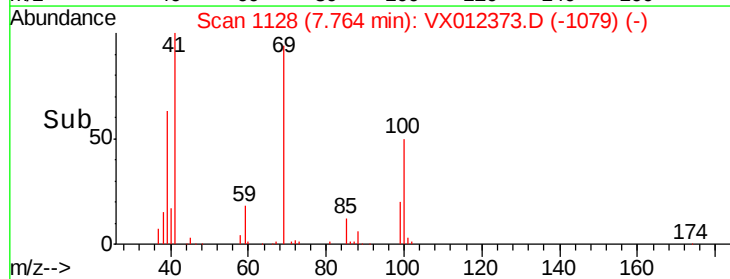
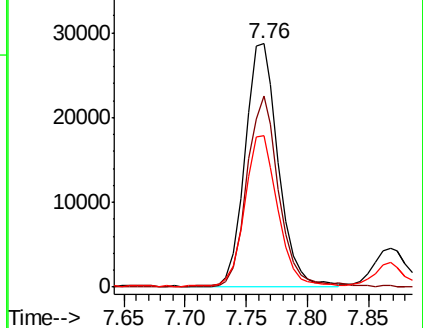
39 61.6 48.6 73.0

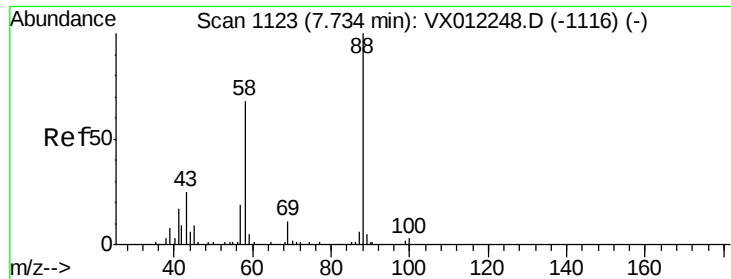


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

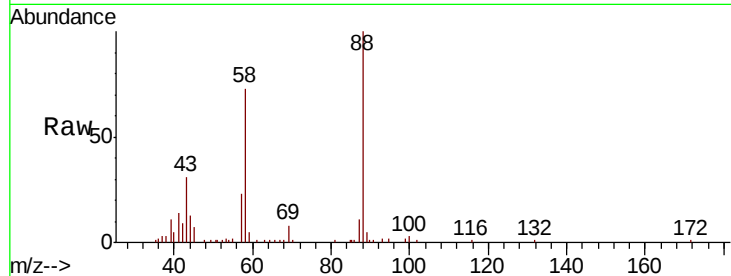




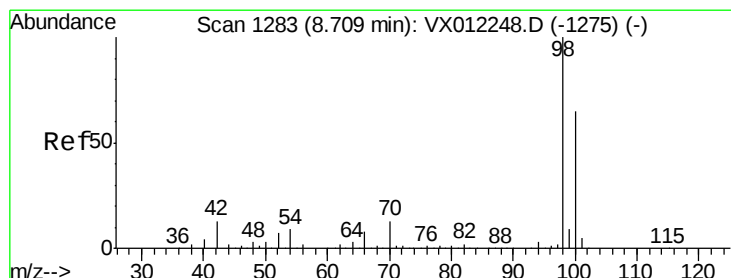
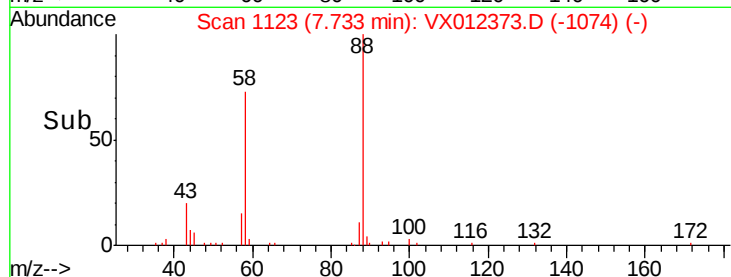
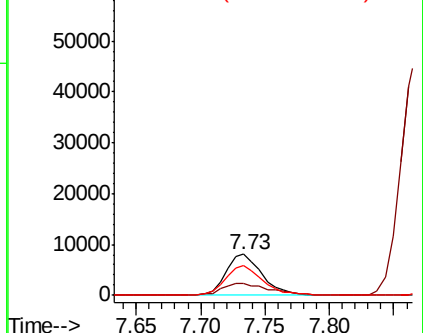
#49
 1,4-Dioxane
 Concen: 1198.977 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 15878
 Ion Ratio Lower Upper
 88 100
 43 36.7 31.0 46.4
 58 75.3 61.5 92.3

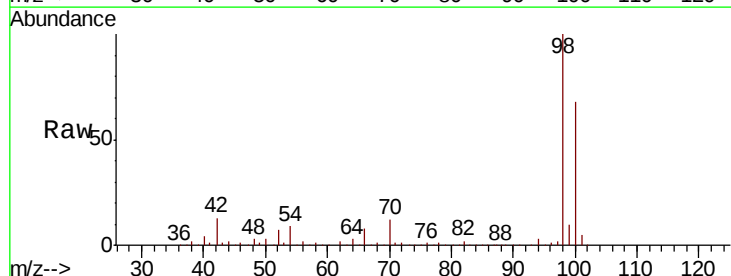


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

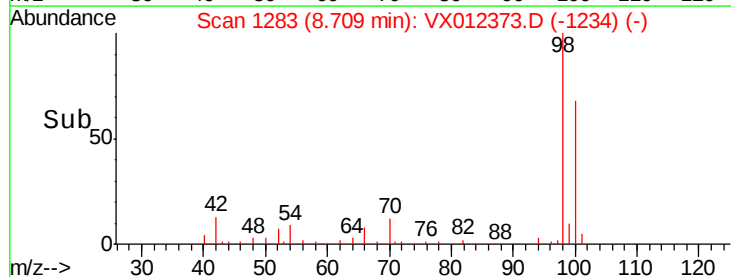
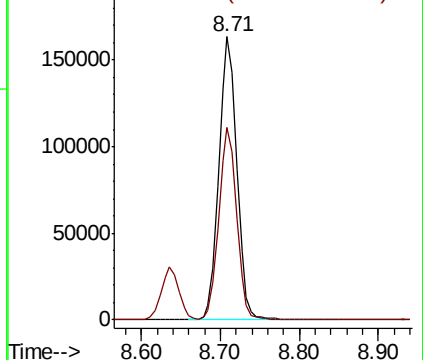


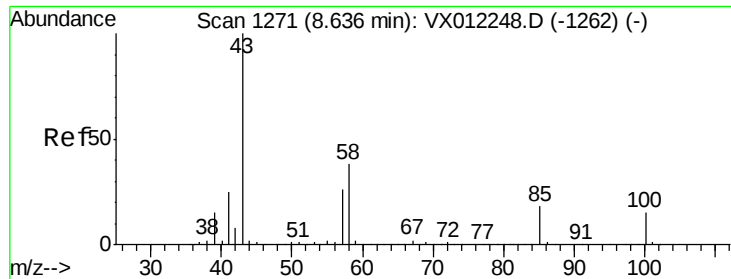
#50
 Toluene-d8
 Concen: 53.452 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion: 98 Resp: 259295
 Ion Ratio Lower Upper
 98 100
 100 67.4 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 284.696 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

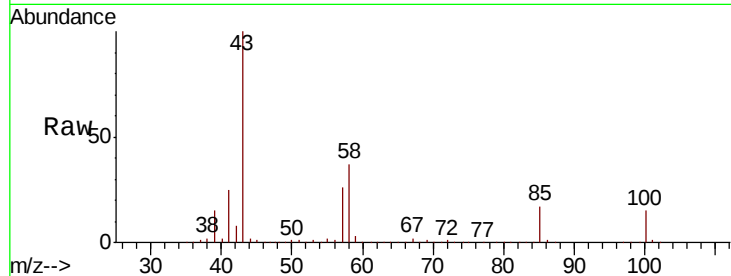
VSTDCCC050EC

Tgt Ion: 43 Resp: 308075

Ion Ratio Lower Upper

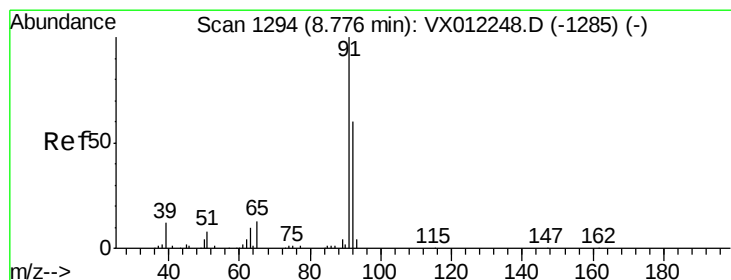
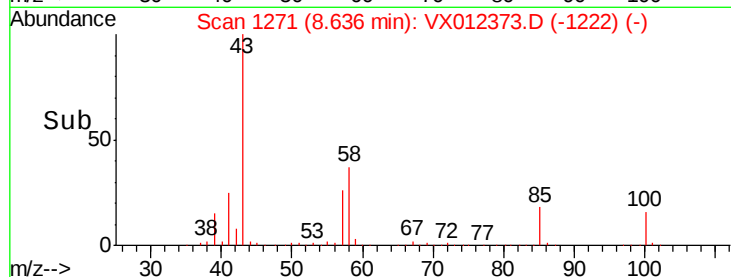
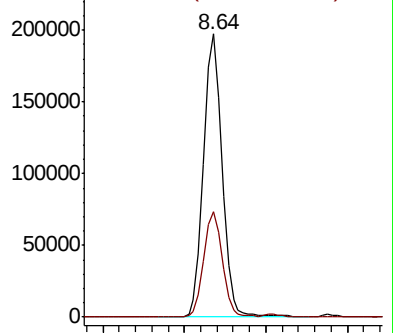
43 100

58 37.1 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.566 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012373.D

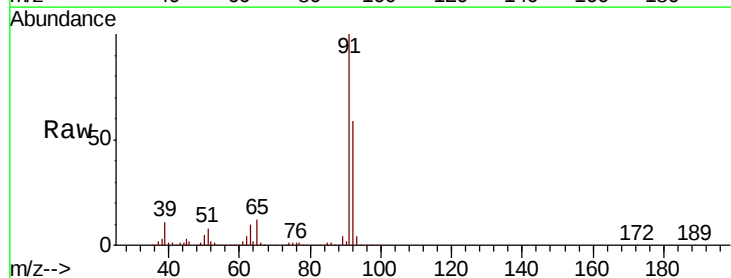
Acq: 13 Sep 2019 03:15

Tgt Ion: 92 Resp: 152741

Ion Ratio Lower Upper

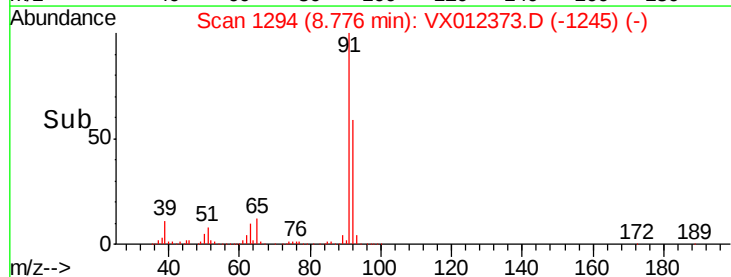
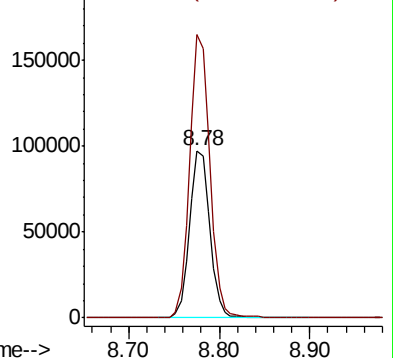
92 100

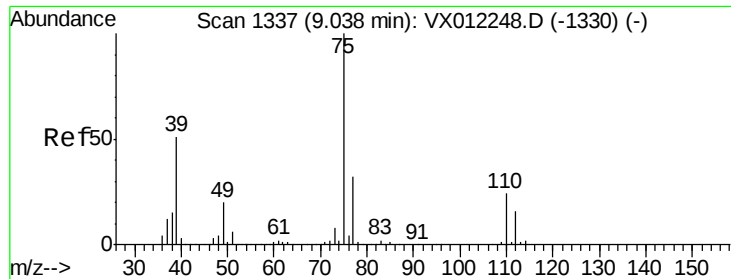
91 168.9 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

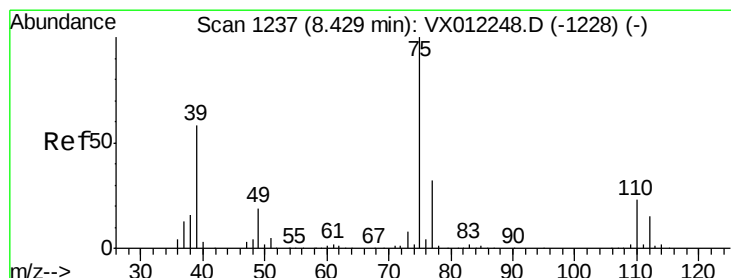
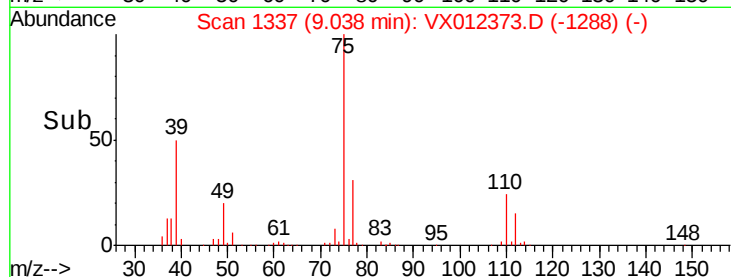
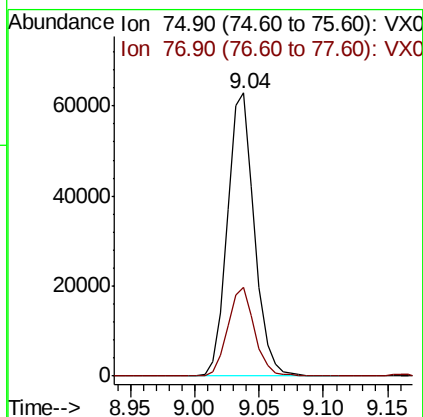
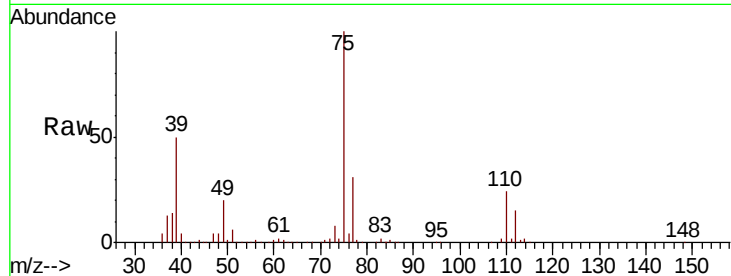




#53
t-1,3-Dichloropropene
Concen: 46.992 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

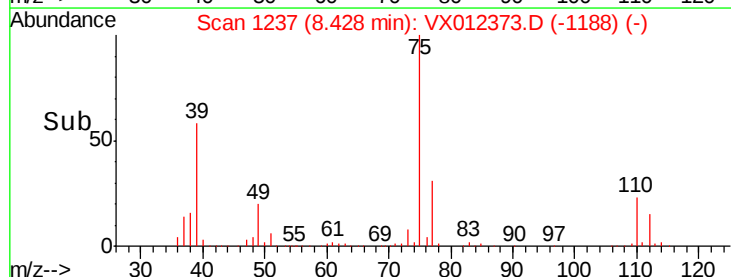
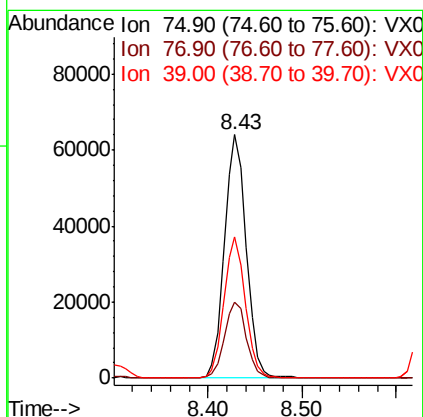
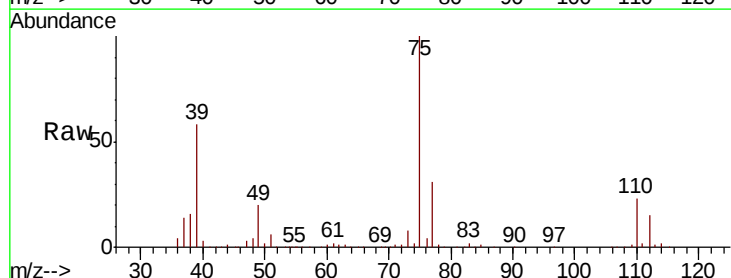
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

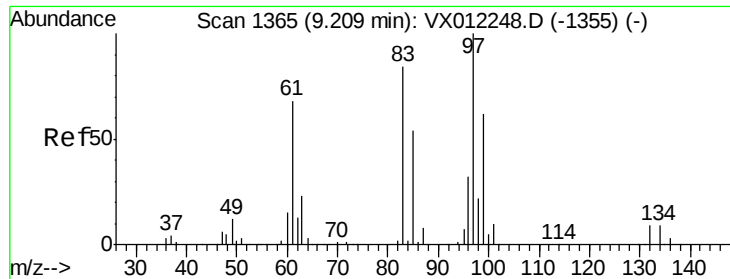
Tgt Ion: 75 Resp: 92198
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 47.238 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 75 Resp: 102772
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 57.6 46.5 69.7

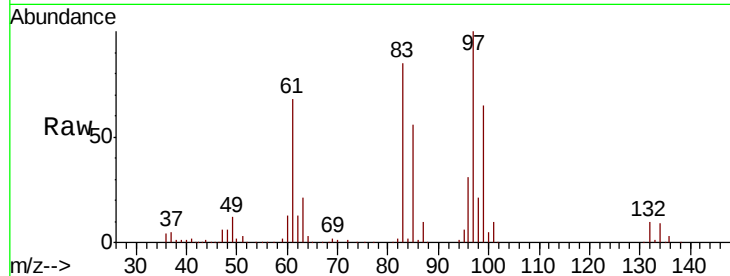




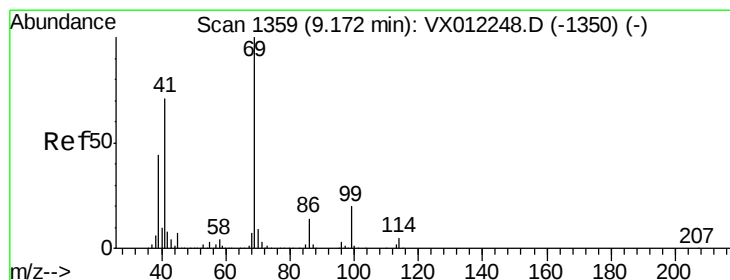
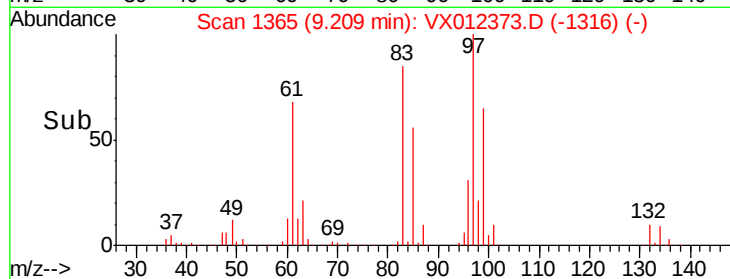
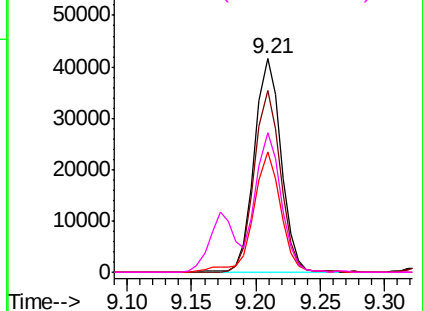
#55
 1,1,2-Trichloroethane
 Concen: 53.601 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	59816
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.2
85	56.3	43.4	65.2
99	64.9	49.8	74.6

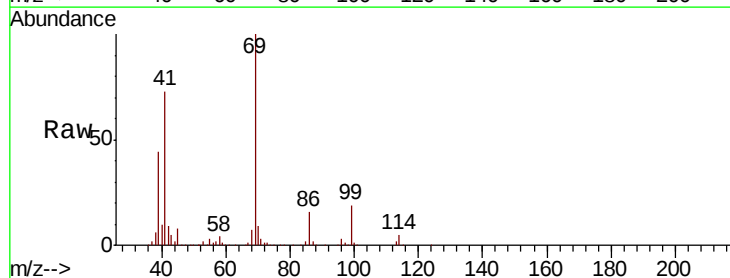


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

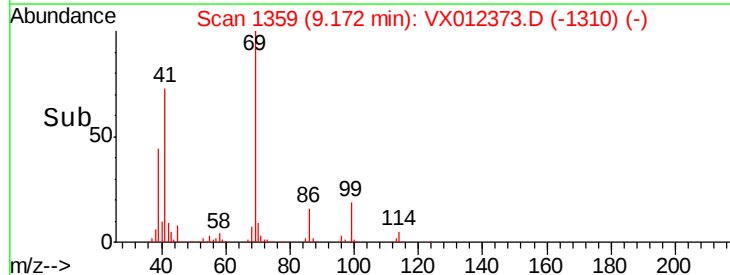
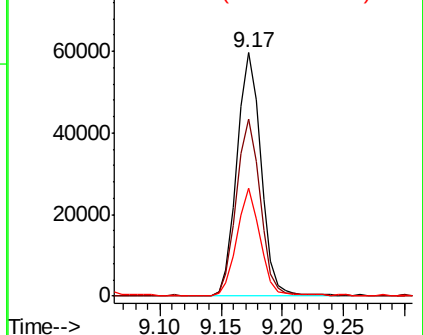


#56
 Ethyl methacrylate
 Concen: 53.930 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion:	69	Resp:	81486
Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.7	86.5
39	42.2	34.0	51.0



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: 53.233 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

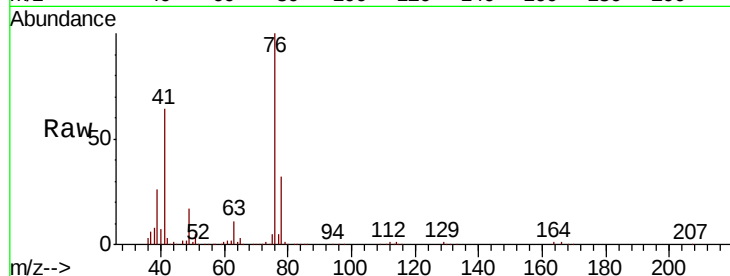
VSTDCCC050EC

Tgt Ion: 76 Resp: 101460

Ion Ratio Lower Upper

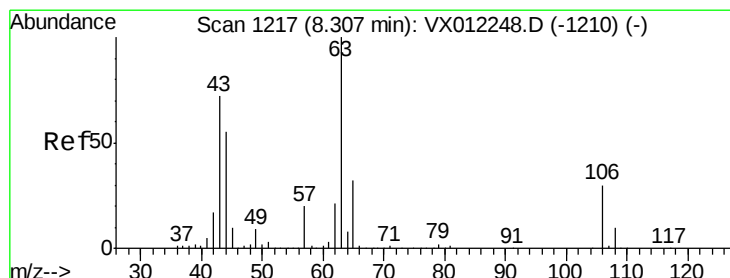
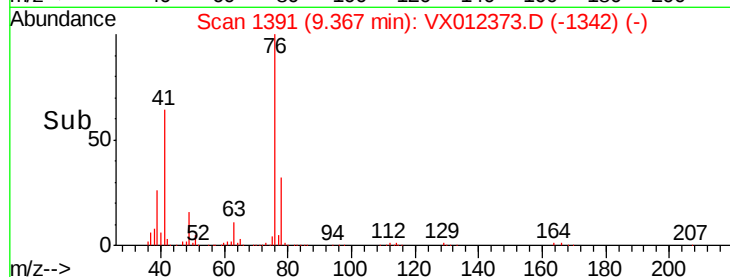
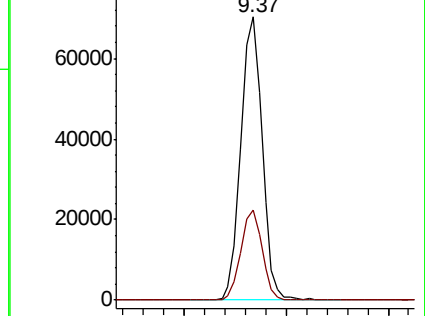
76 100

78 31.7 26.0 39.0



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: 269.293 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012373.D

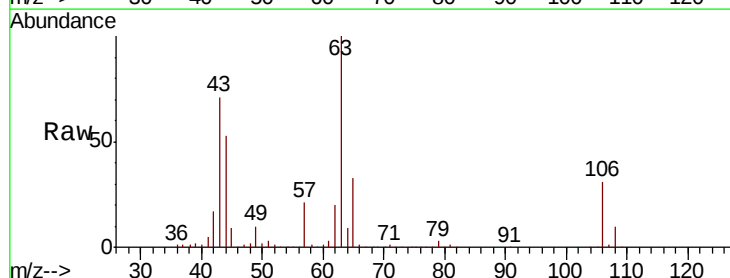
Acq: 13 Sep 2019 03:15

Tgt Ion: 63 Resp: 208545

Ion Ratio Lower Upper

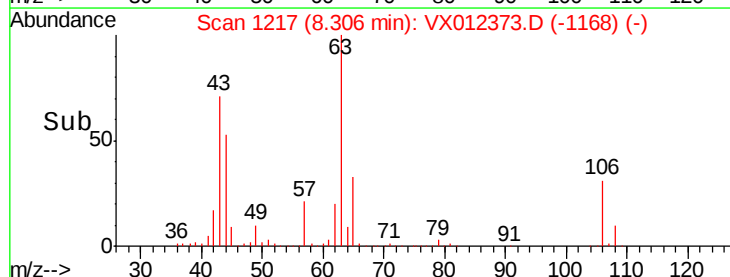
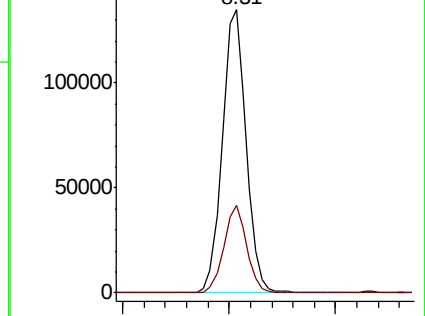
63 100

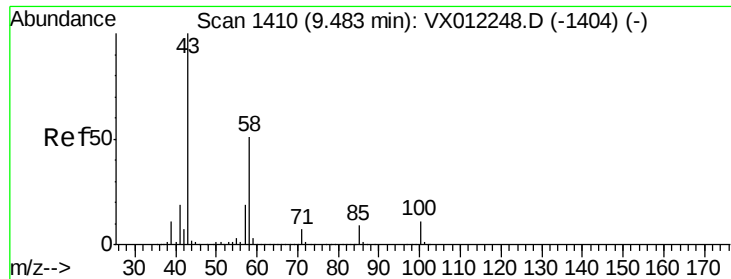
106 30.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

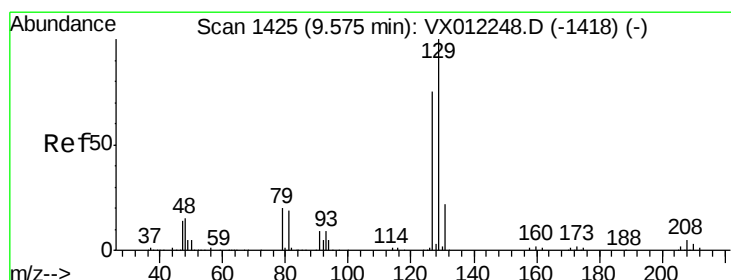
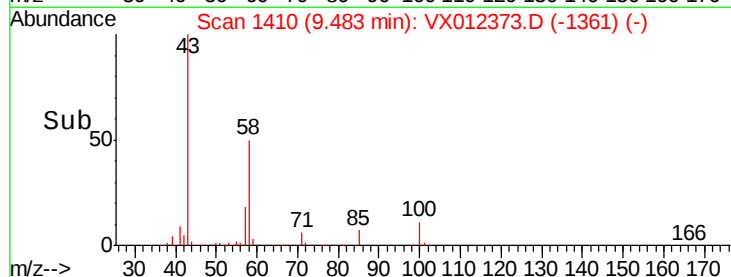
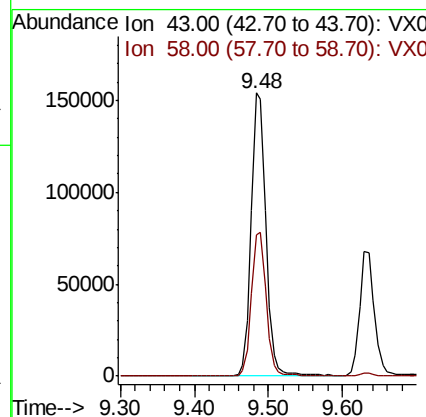
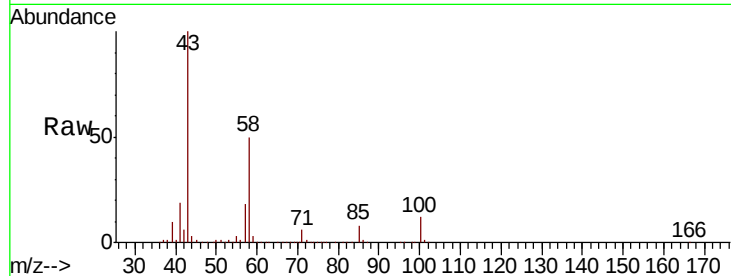




#59
2-Hexanone
Concen: 285.736 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

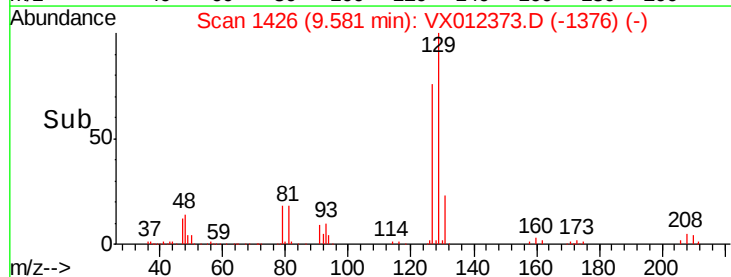
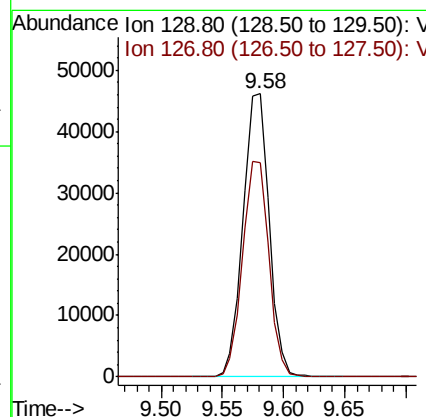
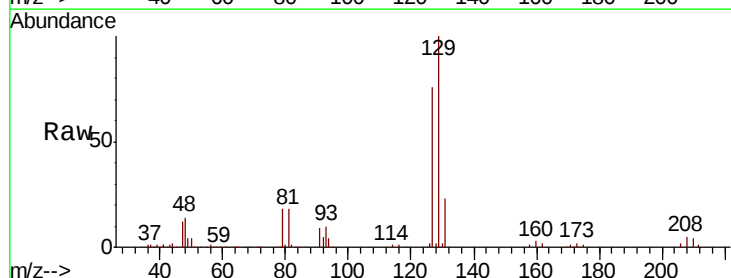
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

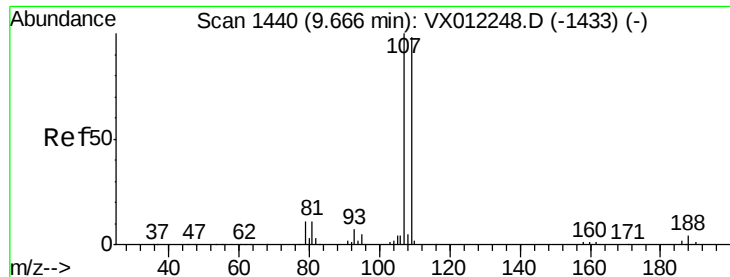
Tgt Ion: 43 Resp: 214989
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.3



#60
Dibromochloromethane
Concen: 52.487 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 129 Resp: 68379
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.068 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

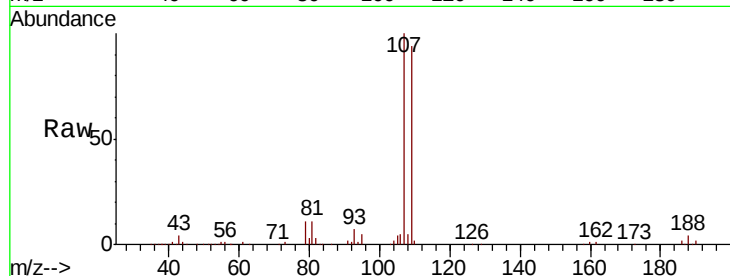
VSTDCCC050EC

Tgt Ion: 107 Resp: 56165

Ion Ratio Lower Upper

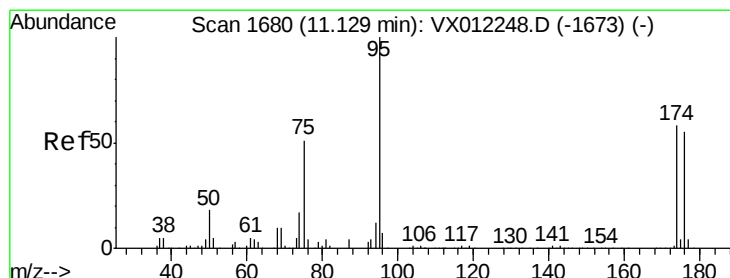
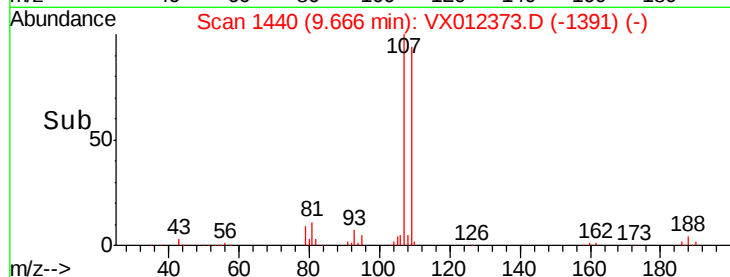
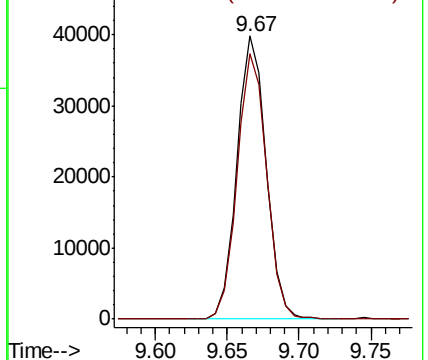
107 100

109 94.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.163 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

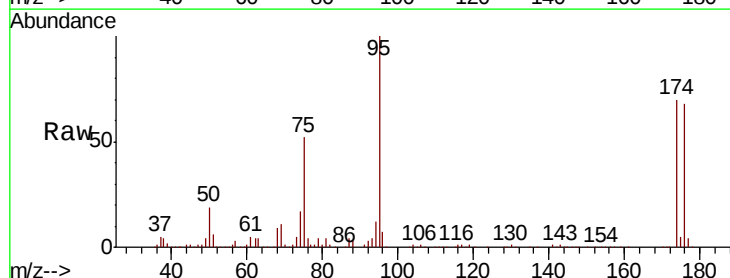
Tgt Ion: 95 Resp: 112813

Ion Ratio Lower Upper

95 100

174 68.1 0.0 127.0

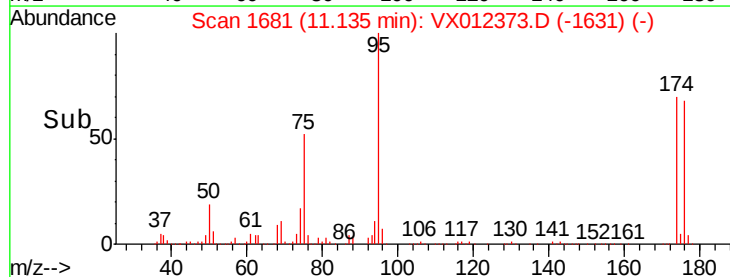
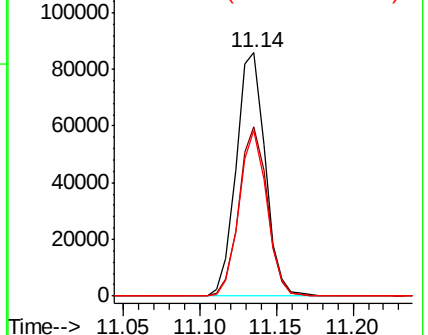
176 65.8 0.0 125.8

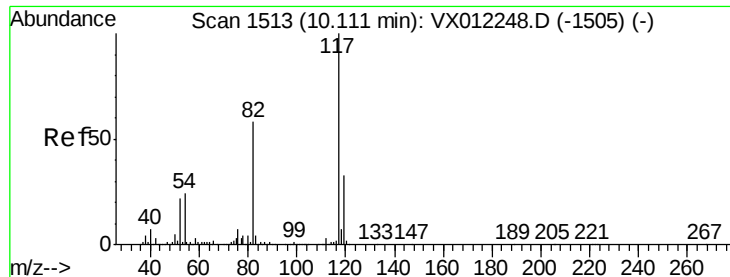


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

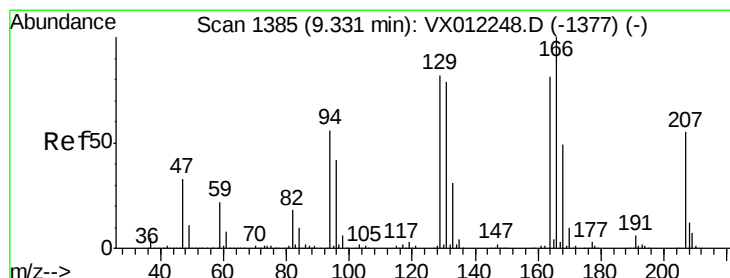
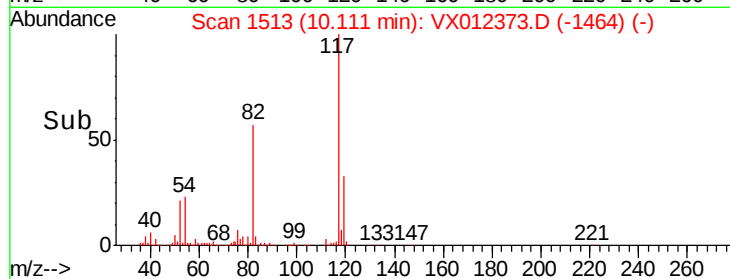
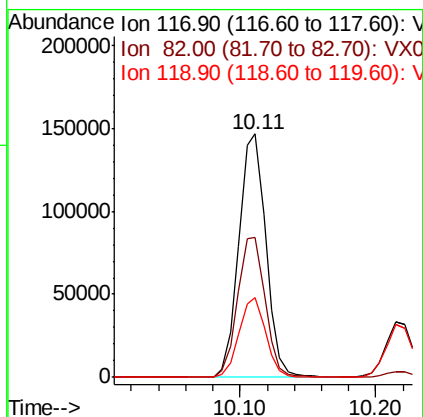
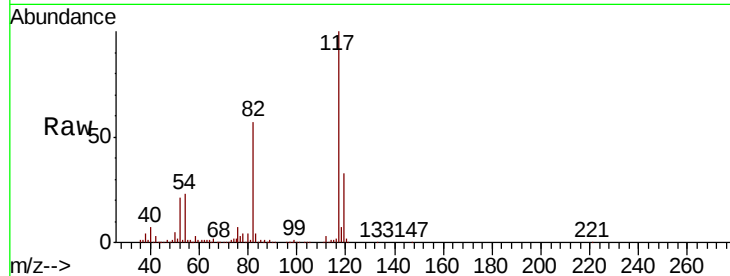




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

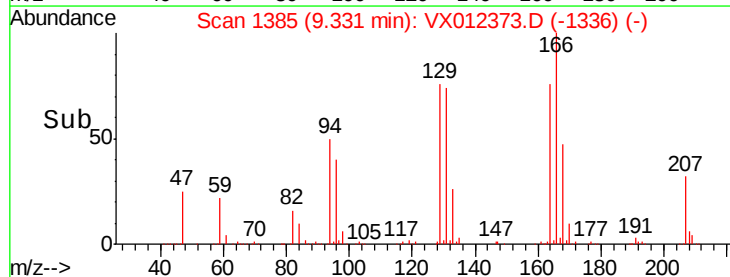
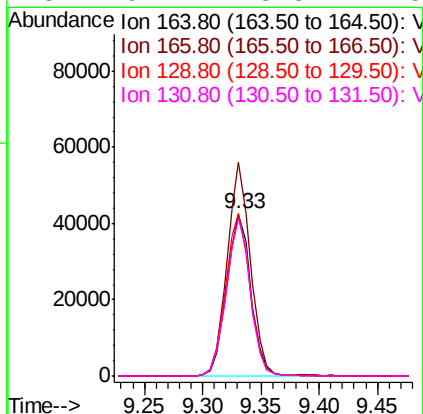
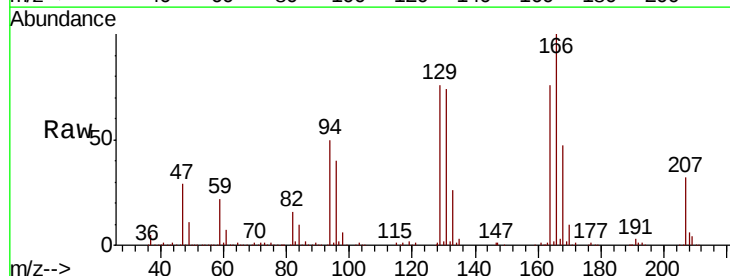
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

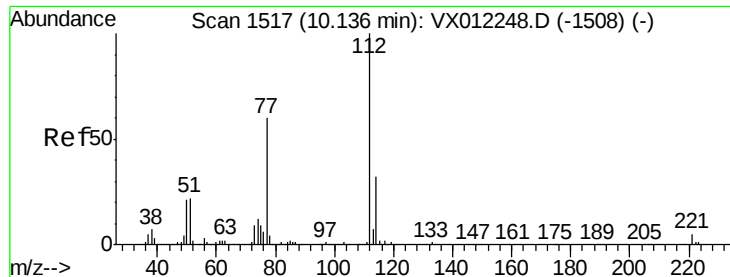
Tgt Ion:117 Resp: 204090
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 56.819 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion:164 Resp: 61328
Ion Ratio Lower Upper
164 100
166 132.0 99.4 149.0
129 100.2 81.8 122.8
131 97.1 78.3 117.5

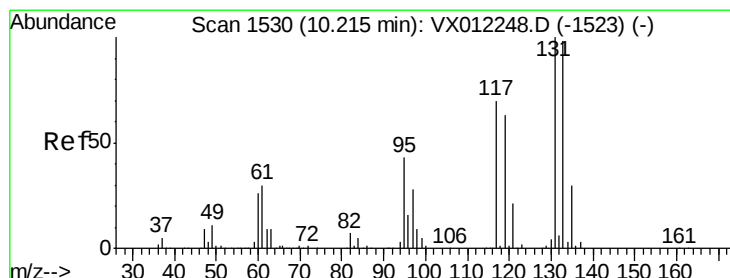
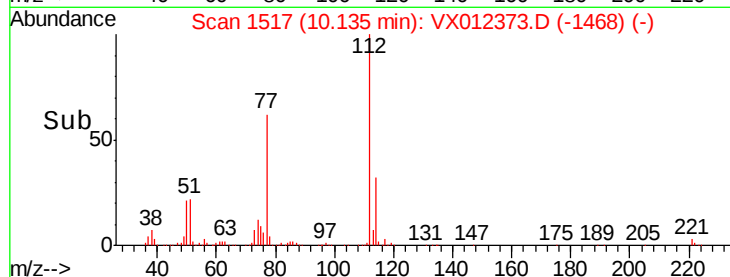
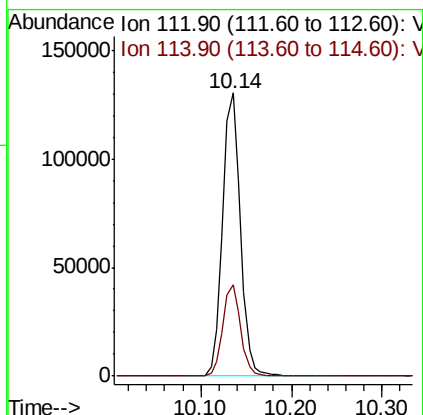
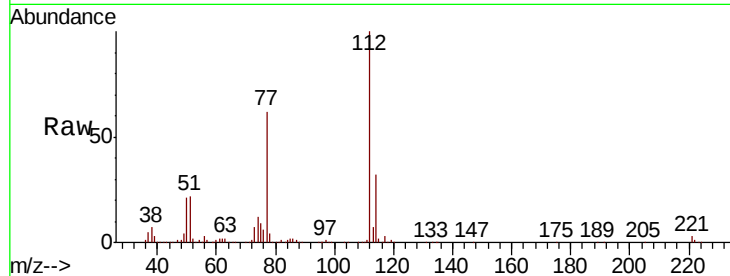




#65
Chlorobenzene
Concen: 47.900 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

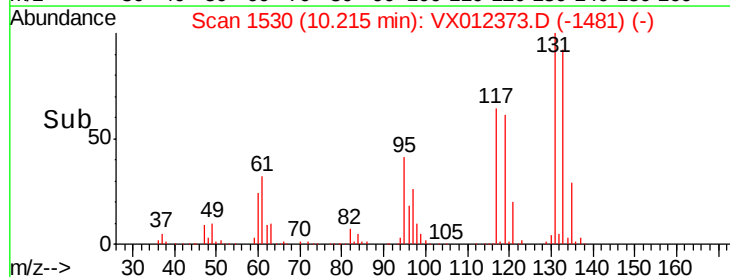
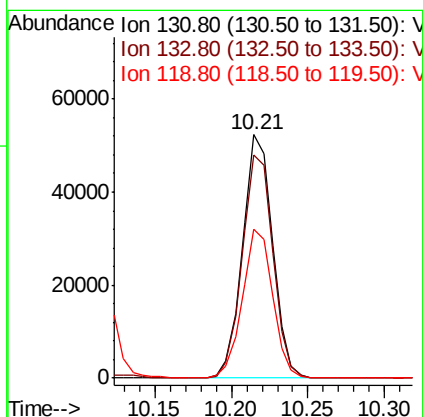
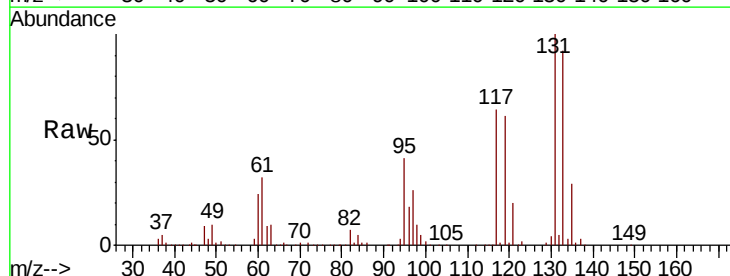
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

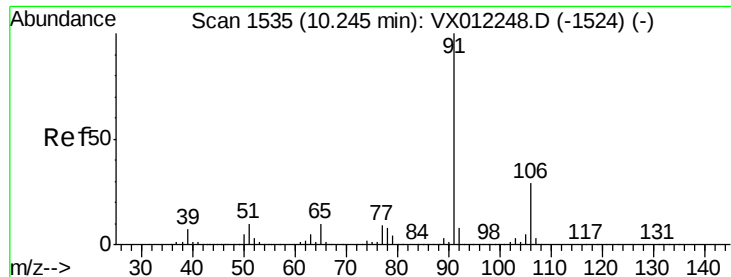
Tgt Ion:112 Resp: 178624
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.794 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion:131 Resp: 71404
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.2
119 61.6 31.6 95.0

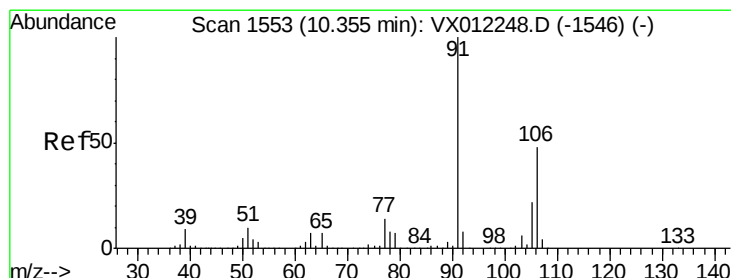
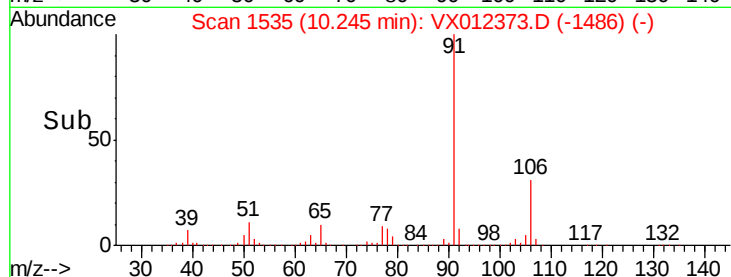
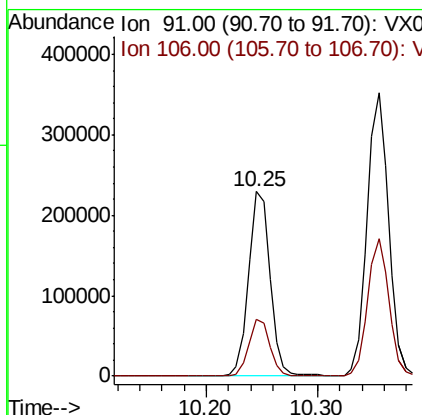
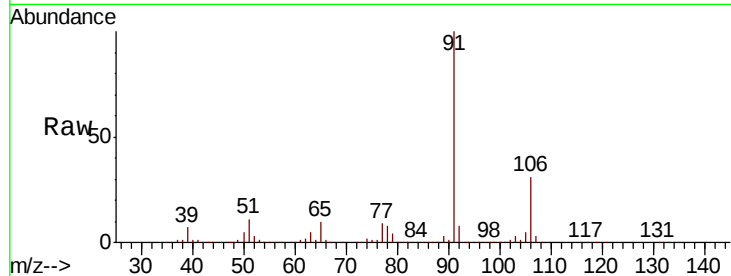




#67
Ethyl Benzene
Concen: 46.600 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

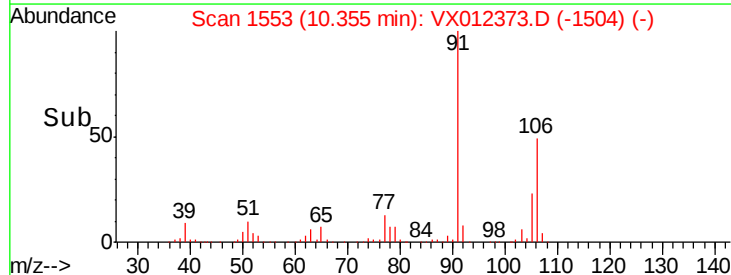
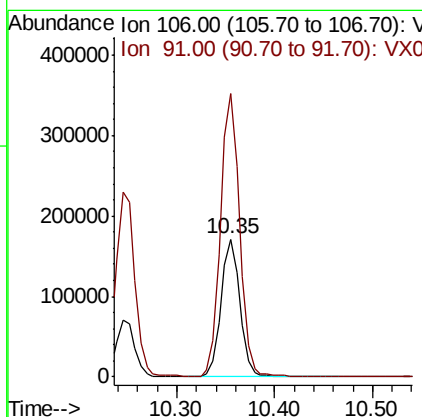
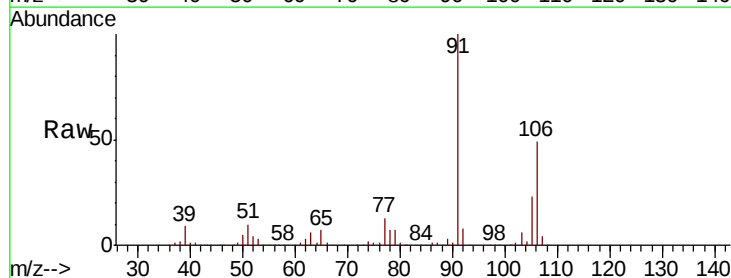
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

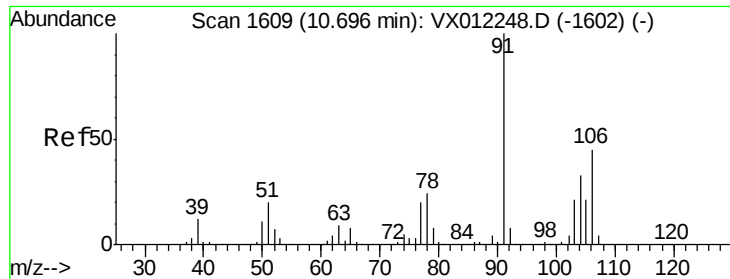
Tgt Ion: 91 Resp: 309074
Ion Ratio Lower Upper
91 100
106 30.8 23.1 34.7



#68
m/p-Xylenes
Concen: 94.192 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion: 106 Resp: 229970
Ion Ratio Lower Upper
106 100
91 207.8 167.0 250.6

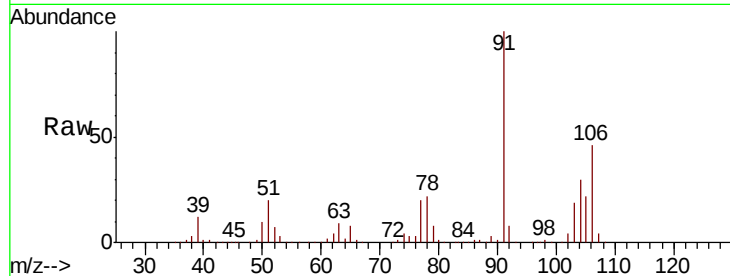




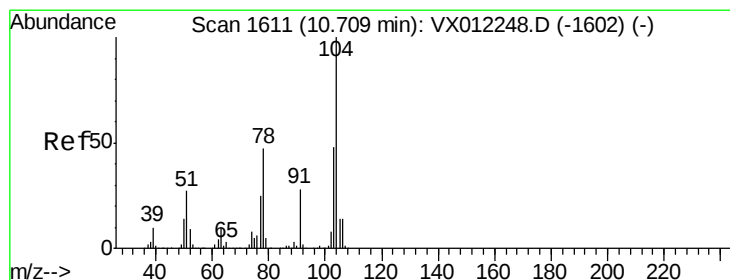
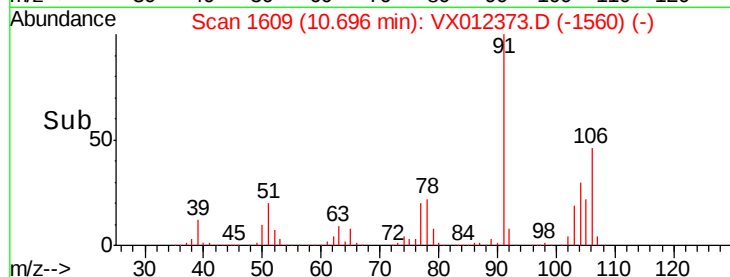
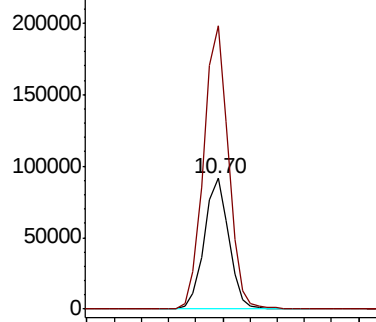
#69
o-Xylene
Concen: 48.066 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 114960
Ion Ratio Lower Upper
106 100
91 217.9 110.5 331.4

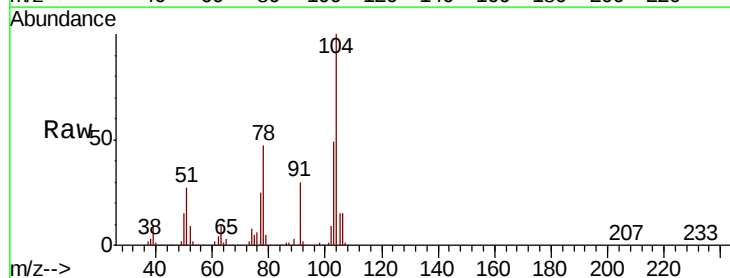


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

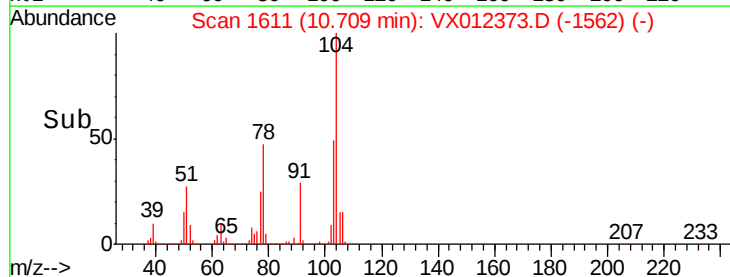
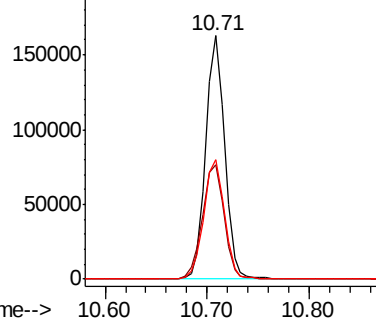


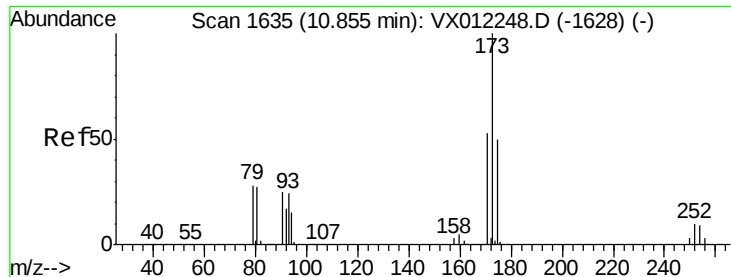
#70
Styrene
Concen: 48.926 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion:104 Resp: 207529
Ion Ratio Lower Upper
104 100
78 54.1 44.2 66.2
103 53.6 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.995 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

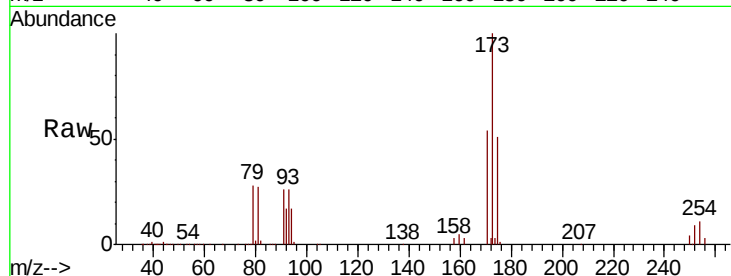
Tgt Ion:173 Resp: 37902

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

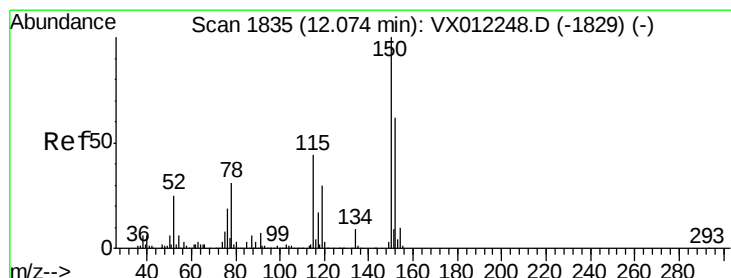
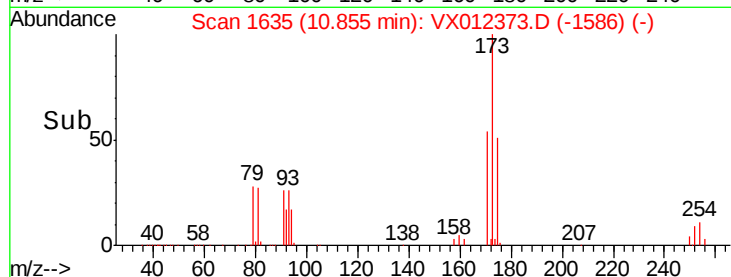
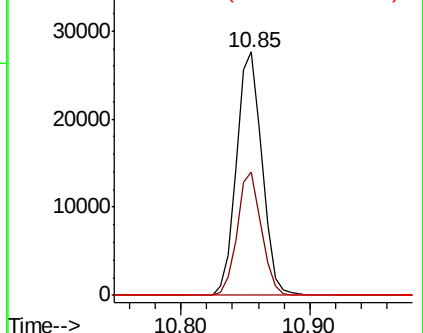
254 0.0 0.2 0.4#



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: VX012373.D

Acq: 13 Sep 2019 03:15

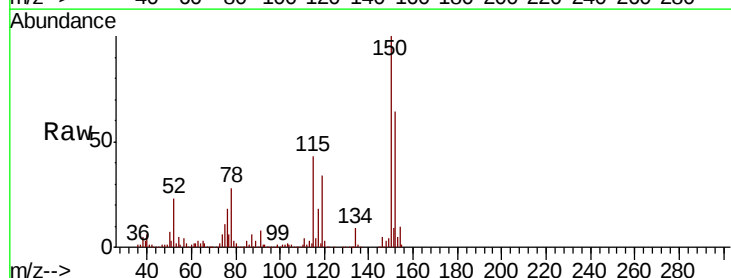
Tgt Ion:152 Resp: 102597

Ion Ratio Lower Upper

152 100

115 87.3 45.5 136.4

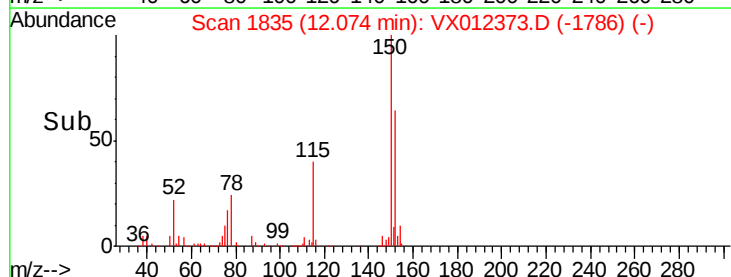
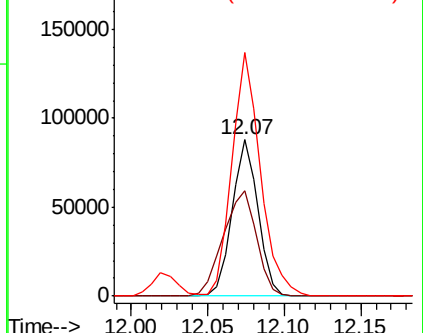
150 172.5 0.0 346.4

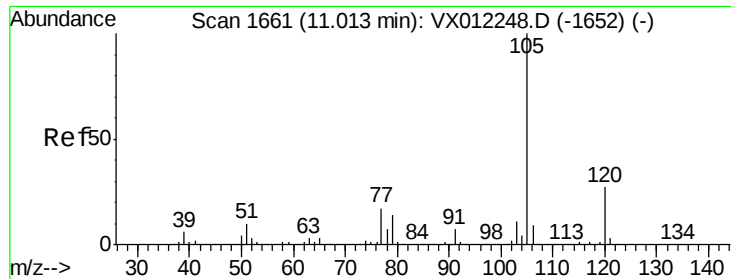


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.049 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

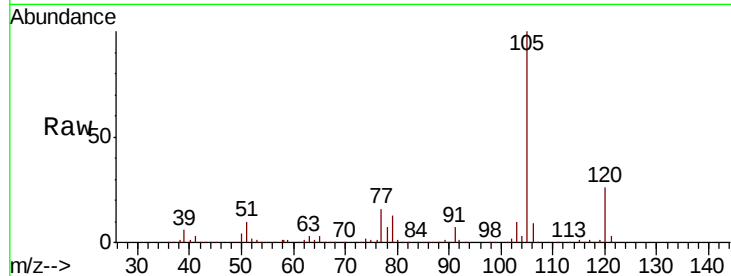
VSTDCCC050EC

Tgt Ion: 105 Resp: 304273

Ion Ratio Lower Upper

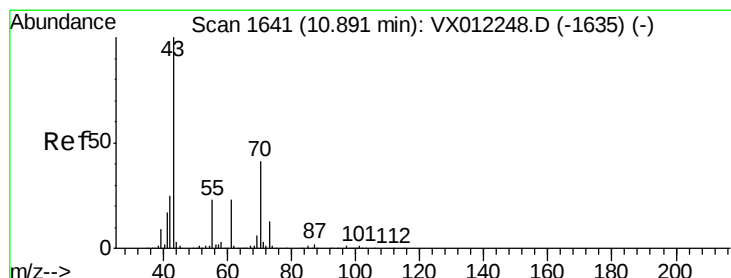
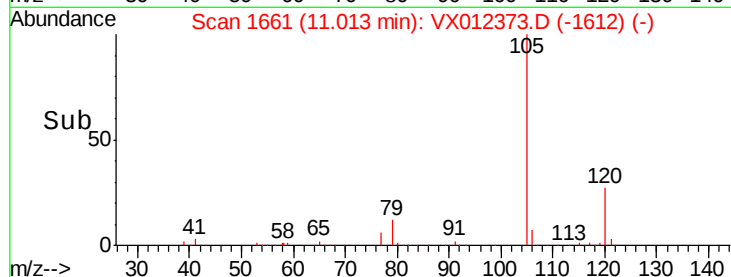
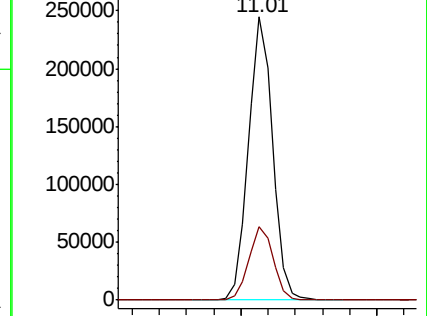
105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.602 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Tgt Ion: 43 Resp: 97606

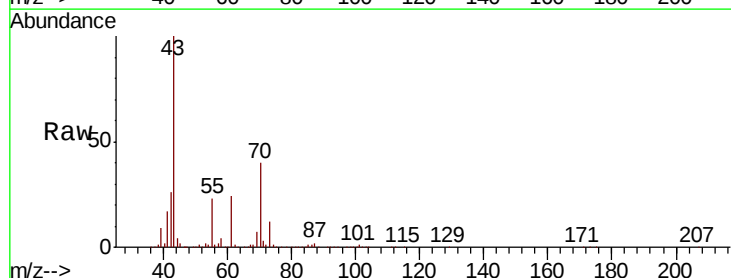
Ion Ratio Lower Upper

43 100

70 41.5 32.9 49.3

55 23.9 19.1 28.7

61 24.0 18.6 28.0

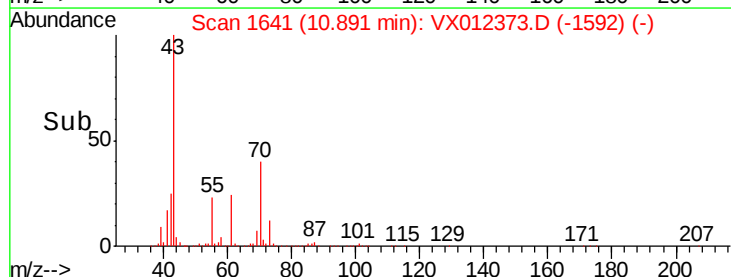
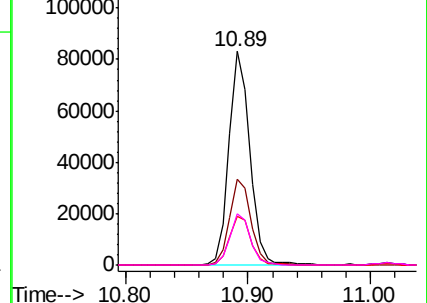


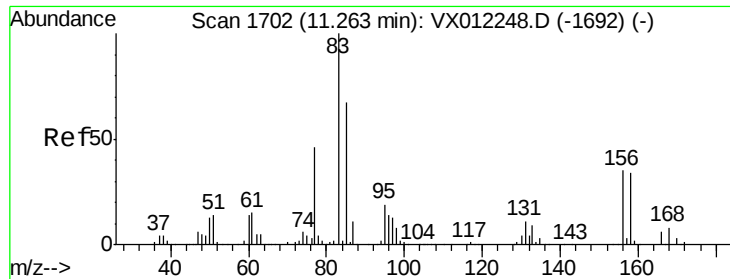
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.078 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

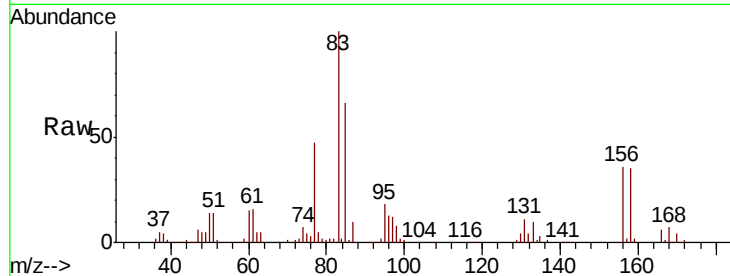
Tgt Ion: 83 Resp: 76994

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

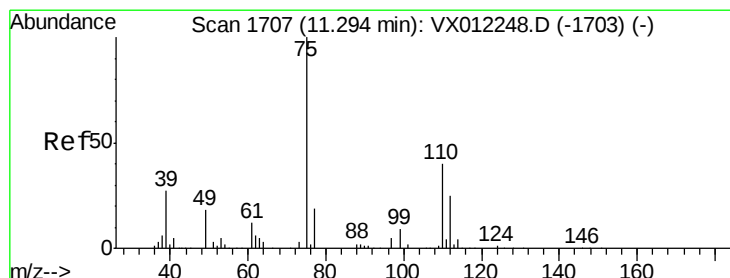
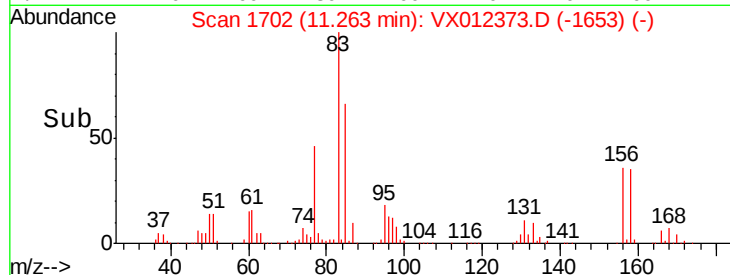
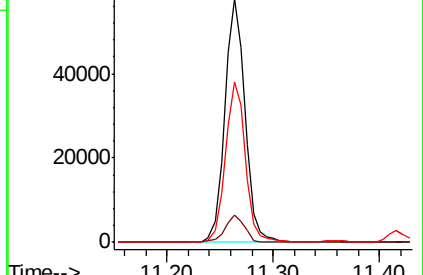
85 65.2 32.8 98.4



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: 60.387 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012373.D

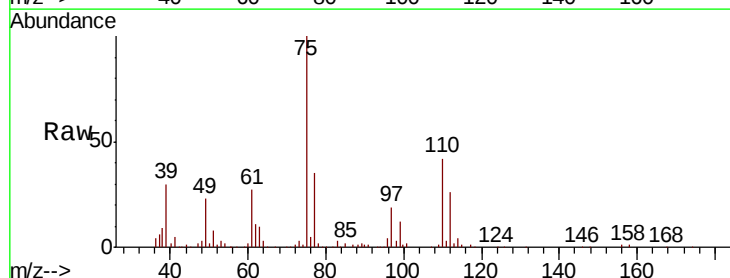
Acq: 13 Sep 2019 03:15

Tgt Ion: 75 Resp: 79591

Ion Ratio Lower Upper

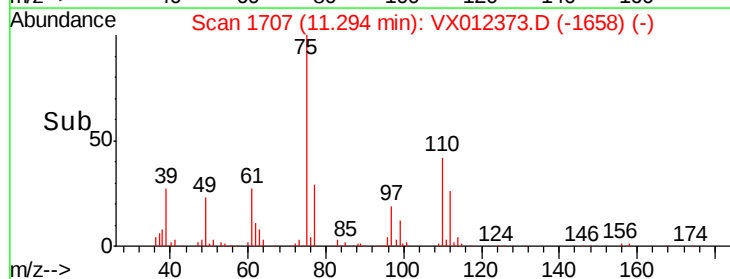
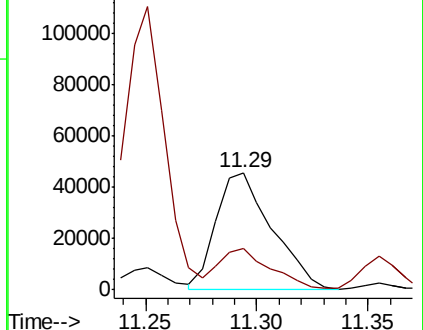
75 100

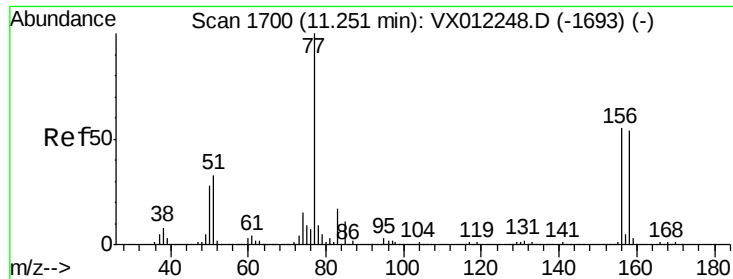
77 32.6 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.453 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

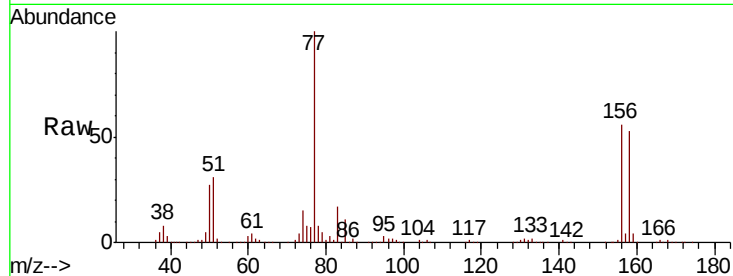
Tgt Ion:156 Resp: 78457

Ion Ratio Lower Upper

156 100

77 178.8 92.2 276.6

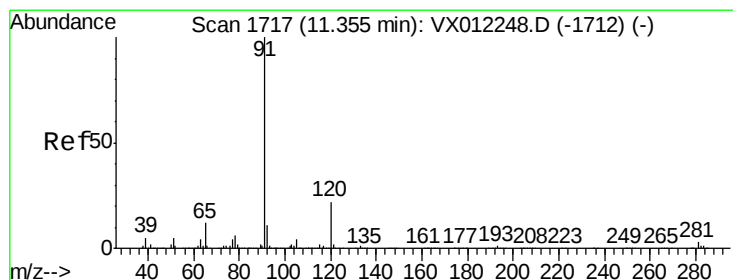
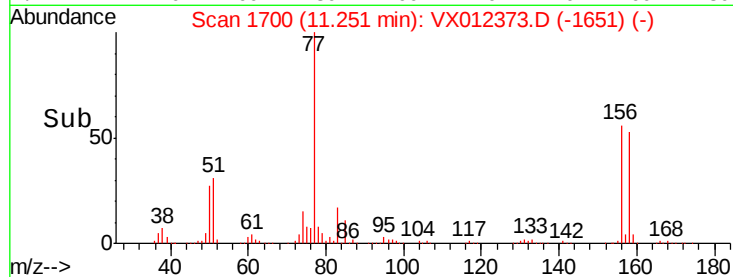
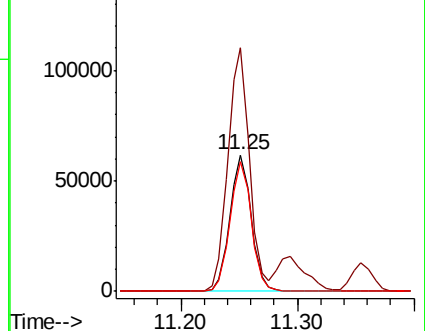
158 95.7 48.8 146.3



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: 44.337 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012373.D

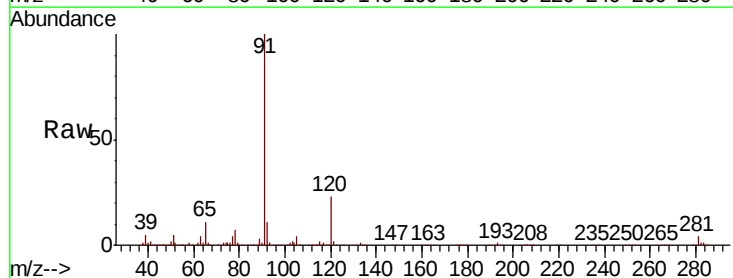
Acq: 13 Sep 2019 03:15

Tgt Ion: 91 Resp: 361633

Ion Ratio Lower Upper

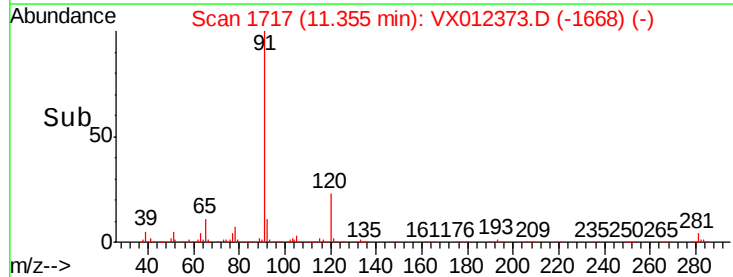
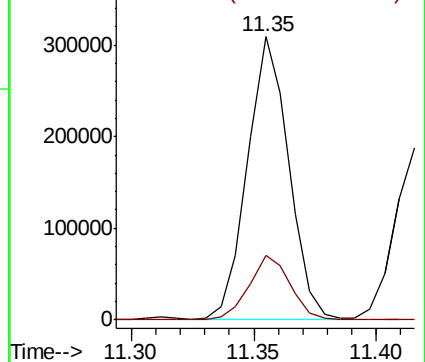
91 100

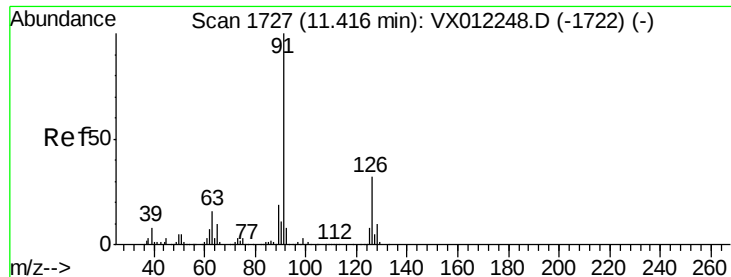
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

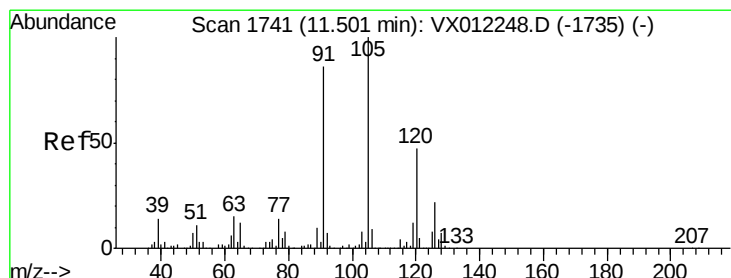
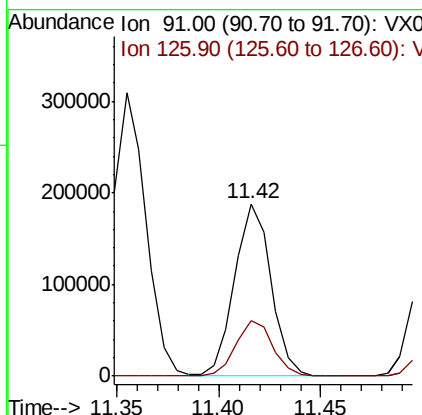
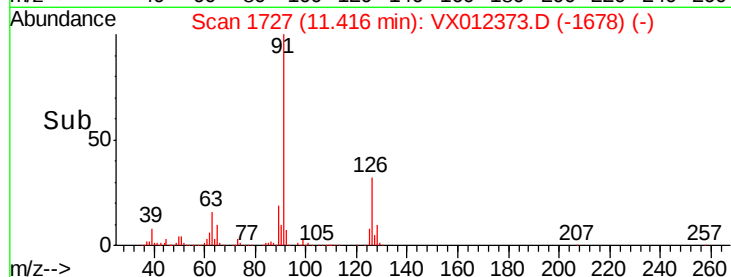
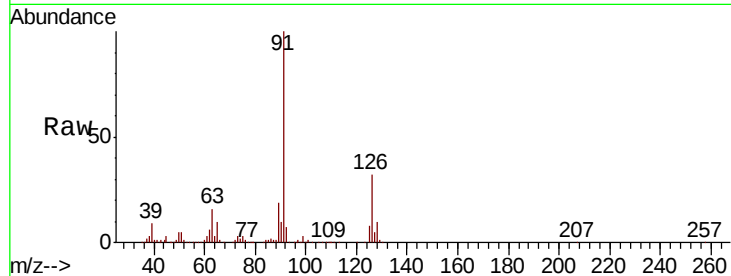




#79
 2-Chlorotoluene
 Concen: 45.687 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

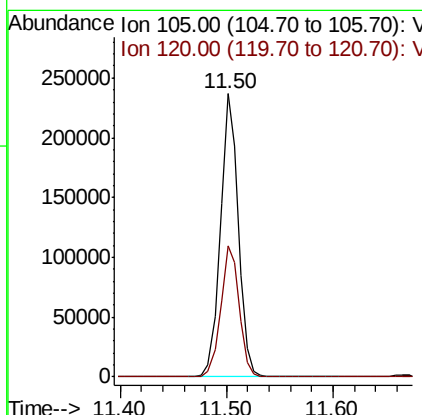
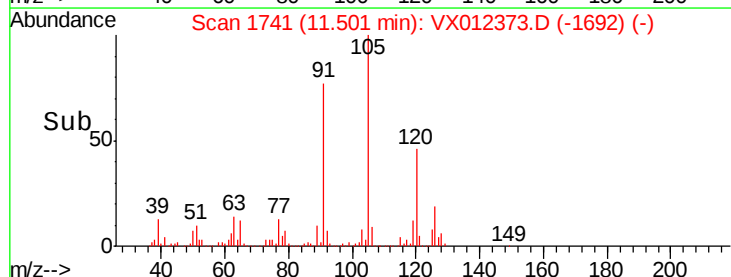
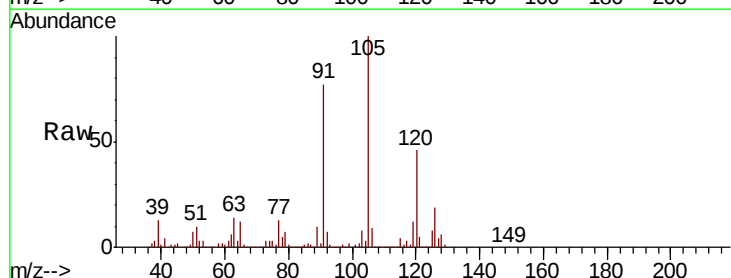
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

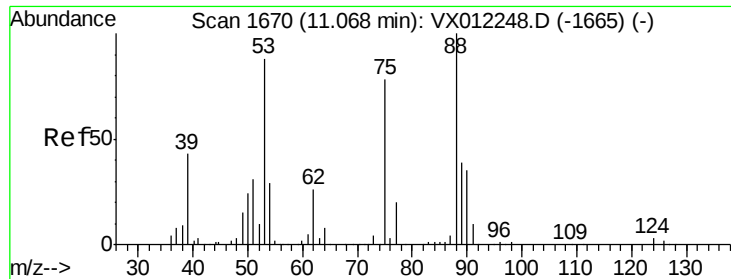
Tgt Ion: 91 Resp: 230873
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.351 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion: 105 Resp: 275466
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.559 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

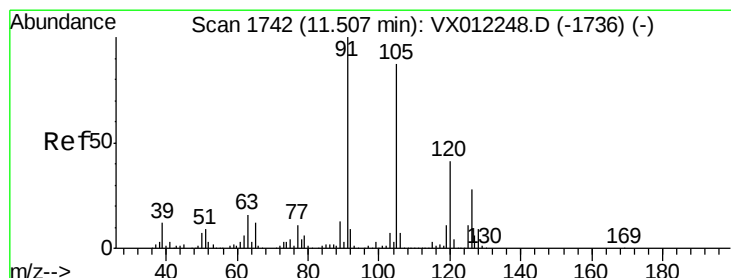
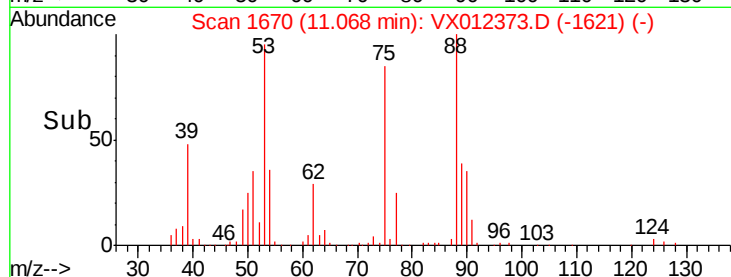
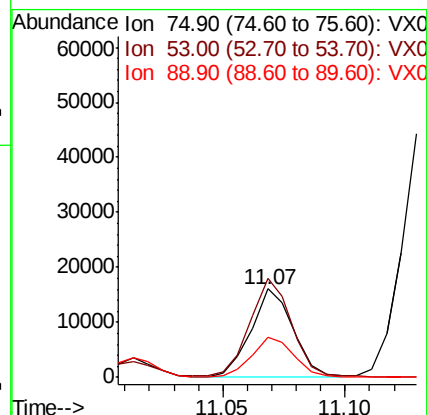
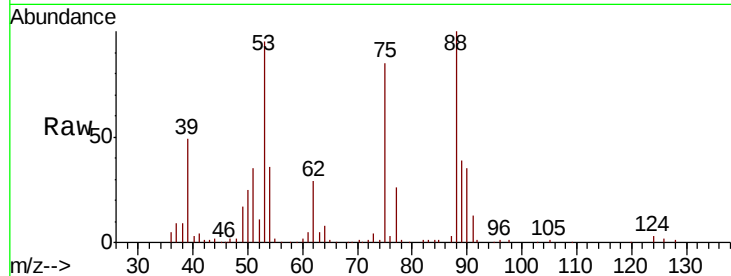
Tgt Ion: 75 Resp: 19161

Ion Ratio Lower Upper

75 100

53 112.2 88.1 132.1

89 47.1 43.5 65.3



#82

4-Chlorotoluene

Concen: 45.929 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012373.D

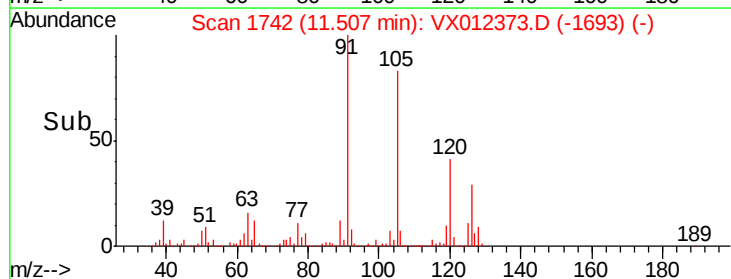
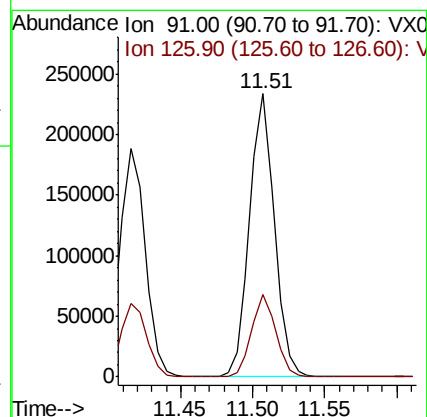
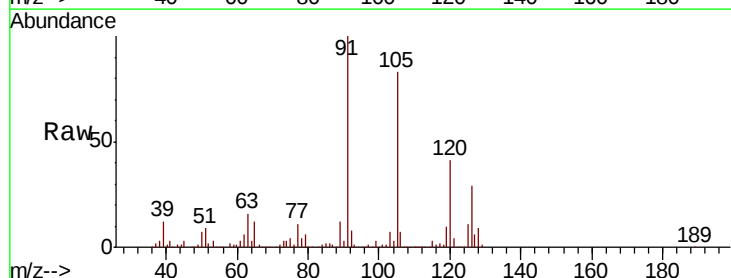
Acq: 13 Sep 2019 03:15

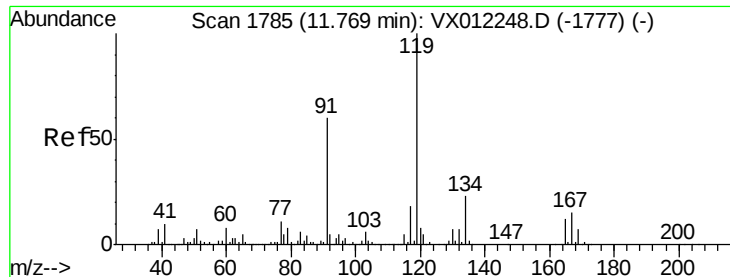
Tgt Ion: 91 Resp: 278929

Ion Ratio Lower Upper

91 100

126 28.6 14.0 42.0

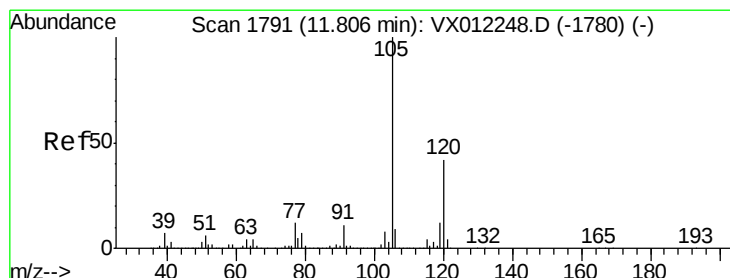
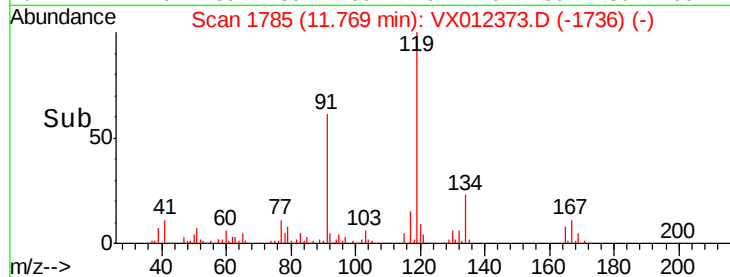
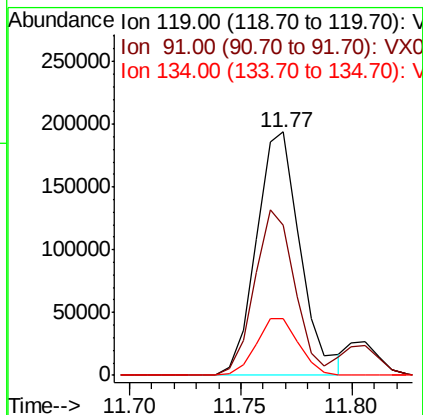
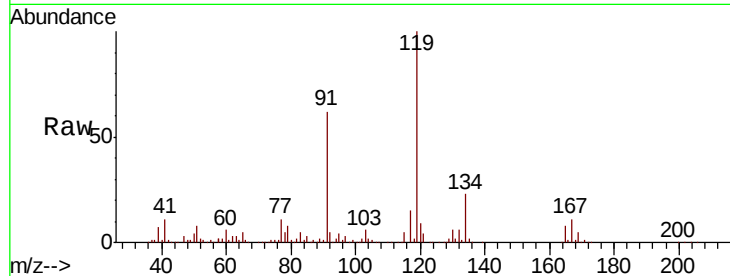




#83
 tert-Butylbenzene
 Concen: 44.871 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

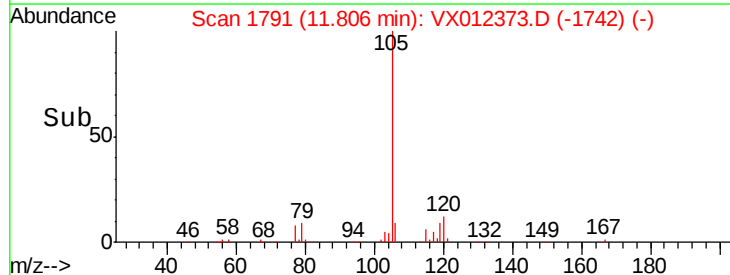
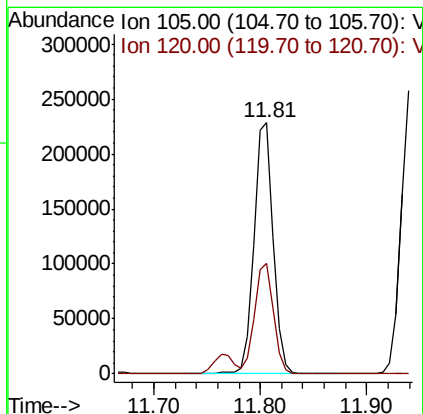
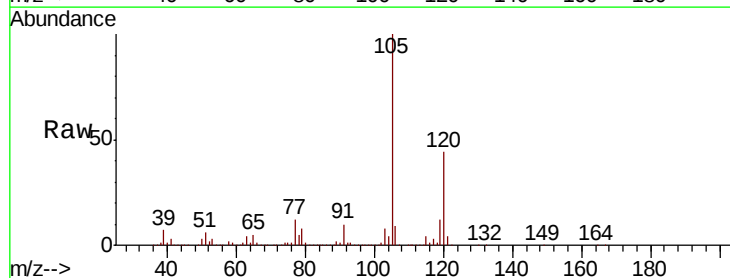
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

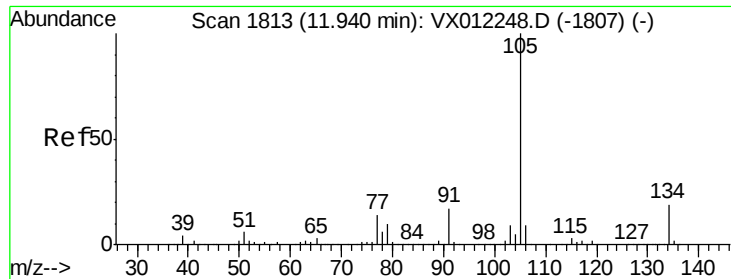
Tgt Ion:119 Resp: 264649
 Ion Ratio Lower Upper
 119 100
 91 63.0 30.9 92.8
 134 22.9 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.984 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion:105 Resp: 288735
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.3 63.9

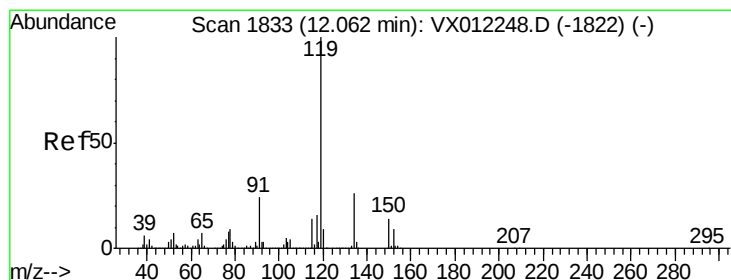
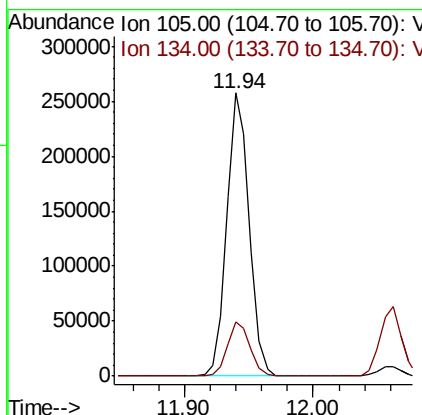
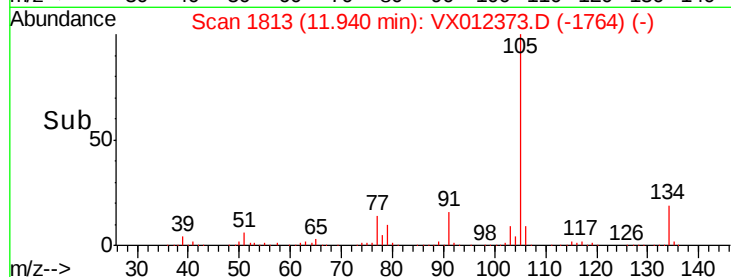
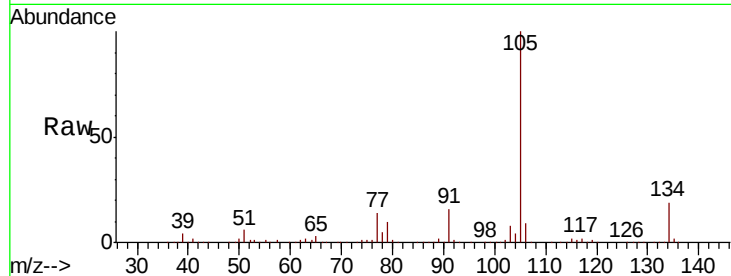




#85
 sec-Butylbenzene
 Concen: 44.559 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

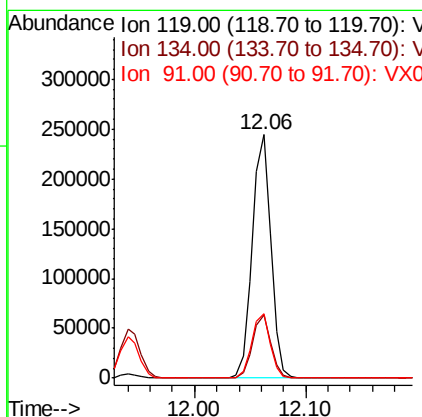
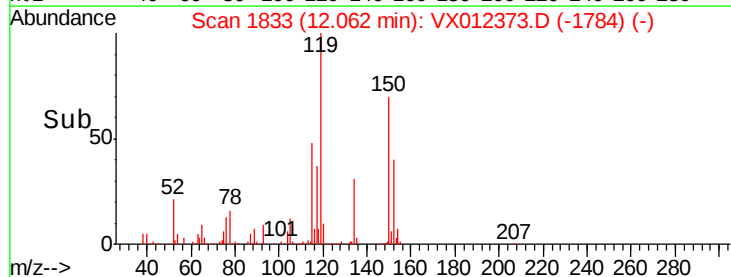
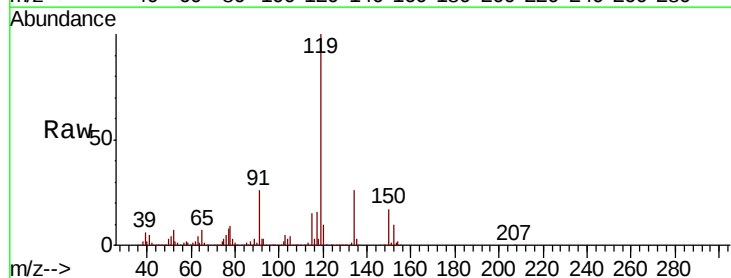
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

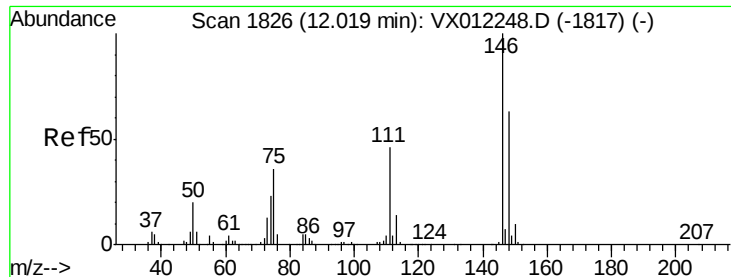
Tgt Ion:105 Resp: 313573
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 43.941 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion:119 Resp: 285716
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 26.1 13.1 39.1

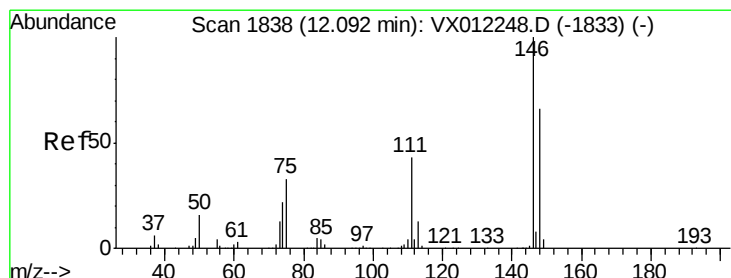
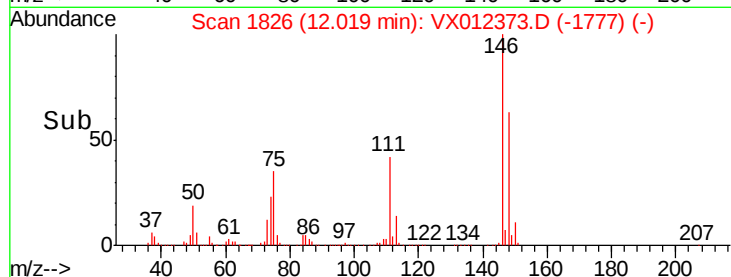
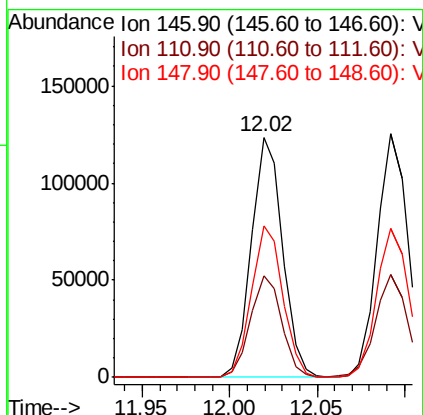
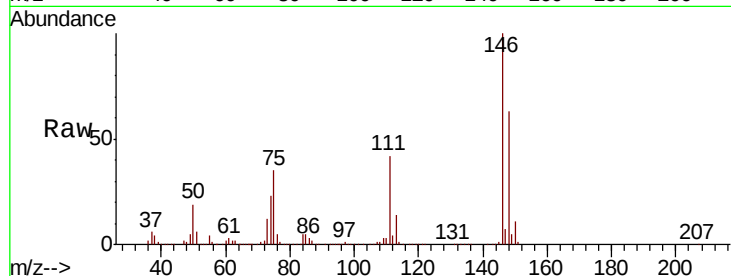




#87
 1,3-Dichlorobenzene
 Concen: 48.391 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

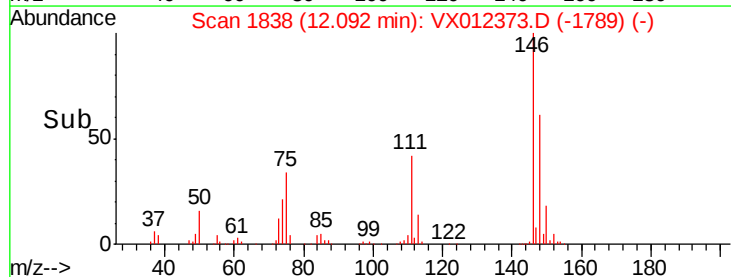
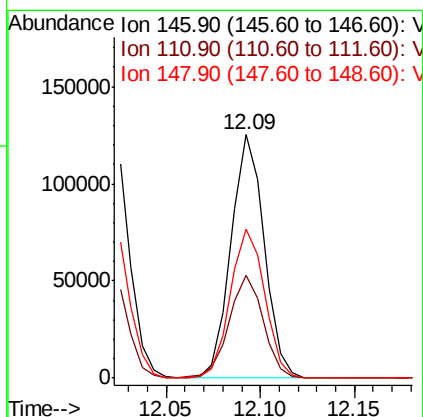
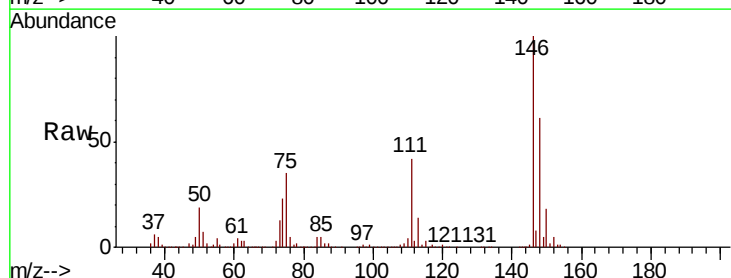
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

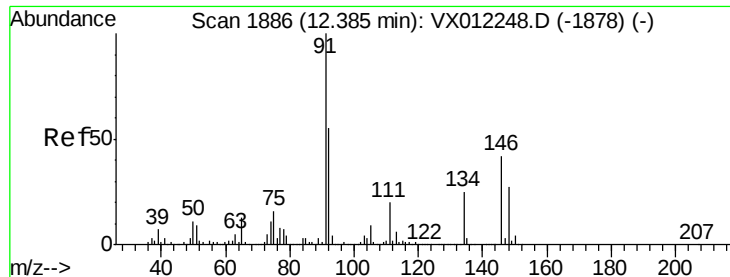
Tgt Ion:146 Resp: 153293
 Ion Ratio Lower Upper
 146 100
 111 42.7 22.3 66.8
 148 63.6 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.707 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion:146 Resp: 152815
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.8
 148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 42.997 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

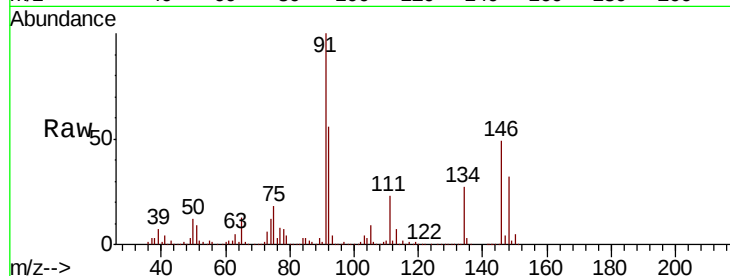
Tgt Ion: 91 Resp: 274027

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

134 25.8 12.5 37.5

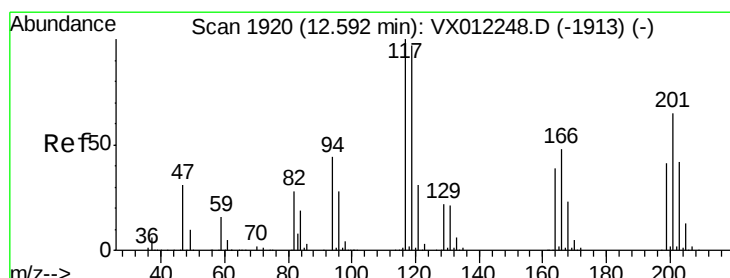
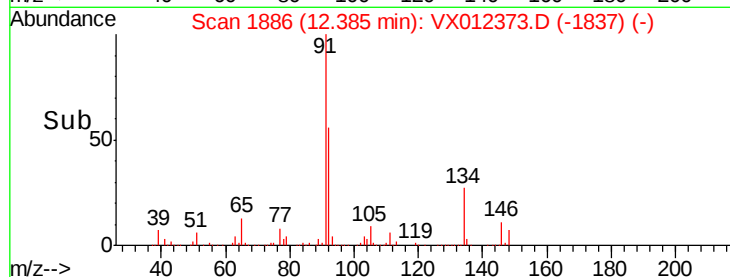
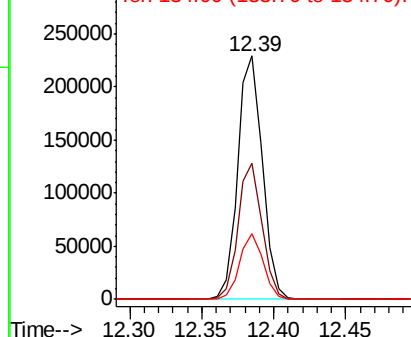


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 45.056 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012373.D

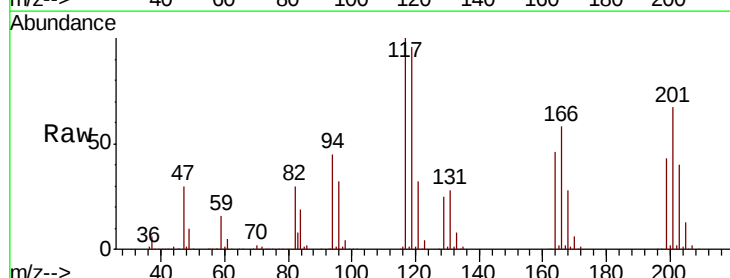
Acq: 13 Sep 2019 03:15

Tgt Ion: 117 Resp: 53963

Ion Ratio Lower Upper

117 100

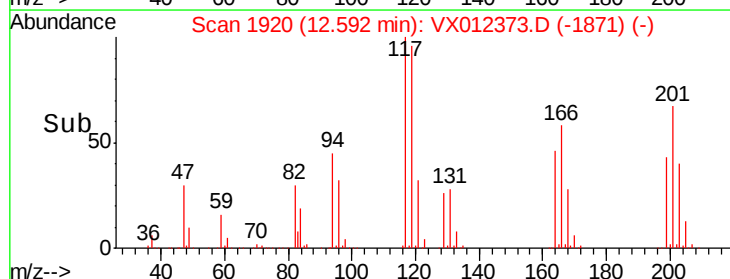
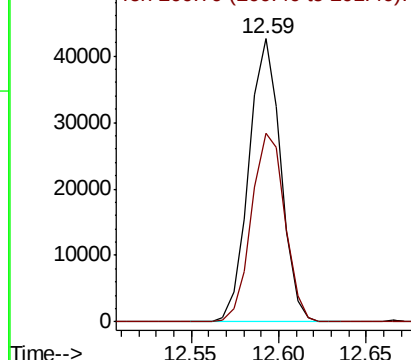
201 70.0 32.2 96.6

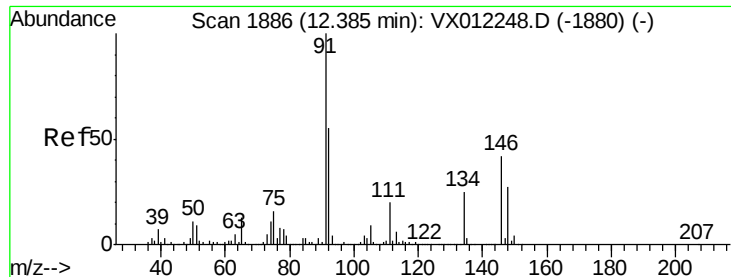


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.575 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

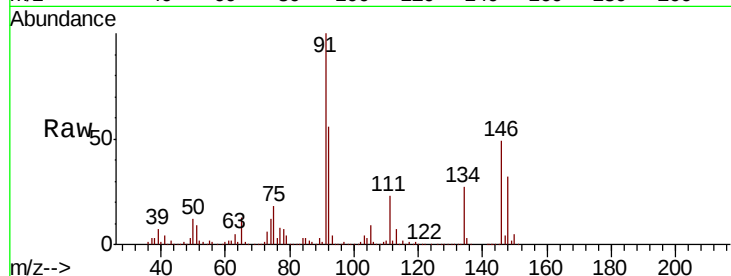
Tgt Ion:146 Resp: 142340

Ion Ratio Lower Upper

146 100

111 46.6 23.2 69.6

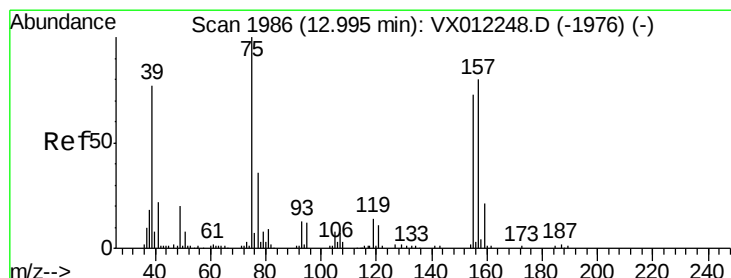
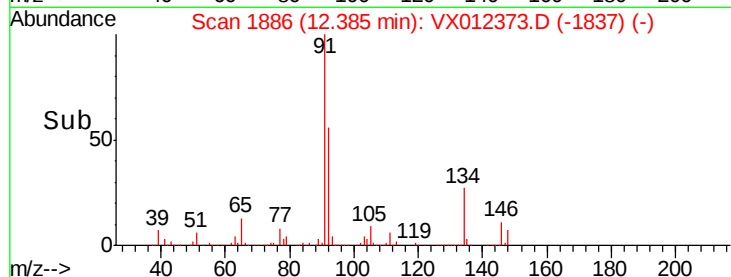
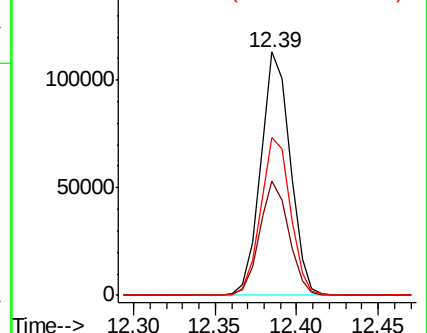
148 65.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.164 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012373.D

Acq: 13 Sep 2019 03:15

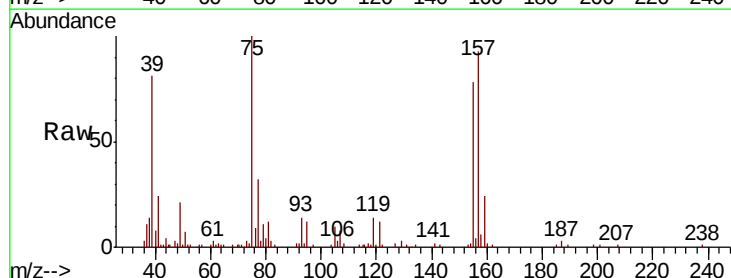
Tgt Ion: 75 Resp: 15149

Ion Ratio Lower Upper

75 100

155 75.1 35.3 105.7

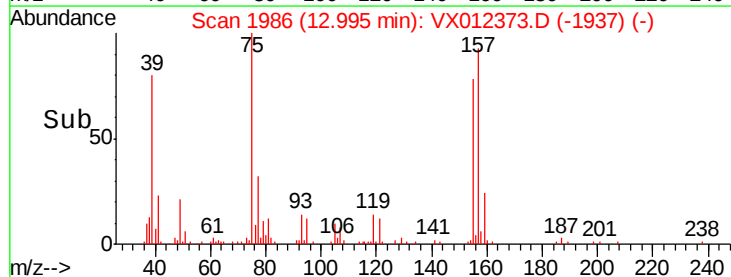
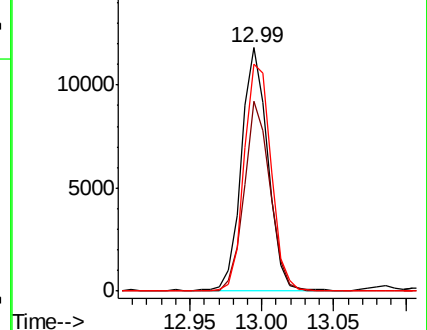
157 94.3 43.2 129.6

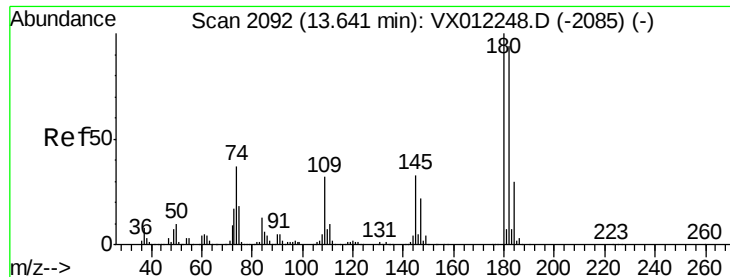


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

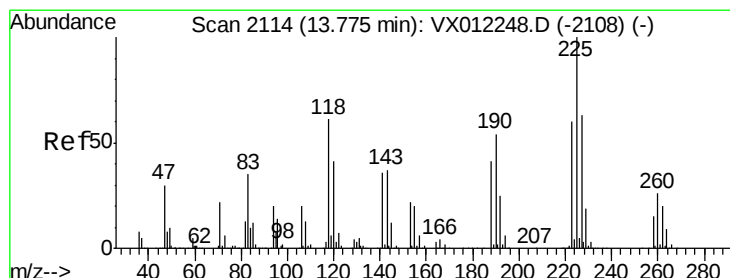
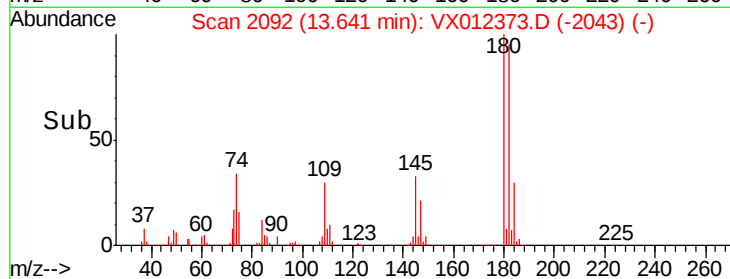
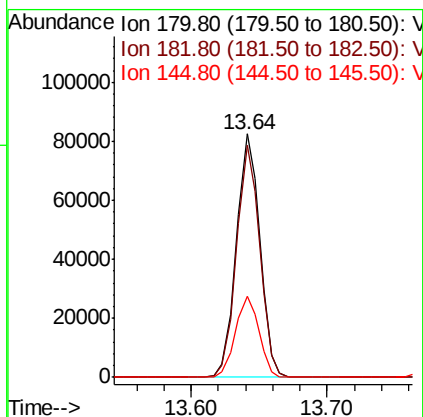
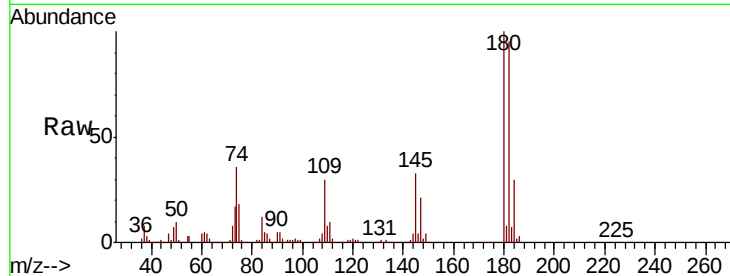




#93
 1,2,4-Trichlorobenzene
 Concen: 49.027 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

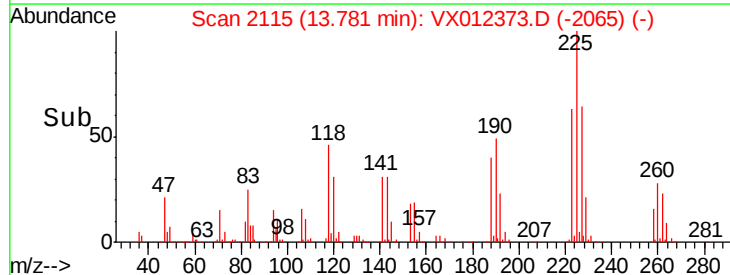
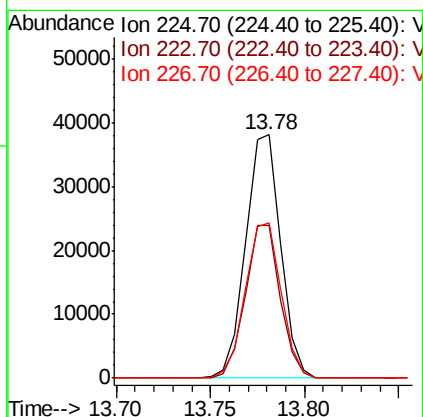
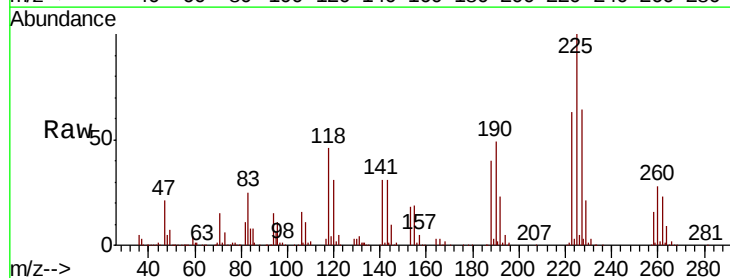
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

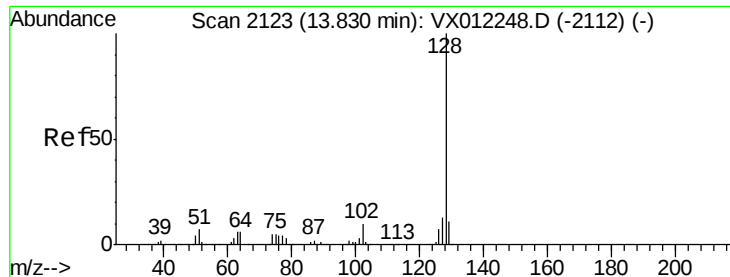
Tgt Ion:180 Resp: 99214
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.9 140.8
 145 33.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 48.824 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012373.D
 Acq: 13 Sep 2019 03:15

Tgt Ion:225 Resp: 49152
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.5
 227 65.4 32.5 97.5

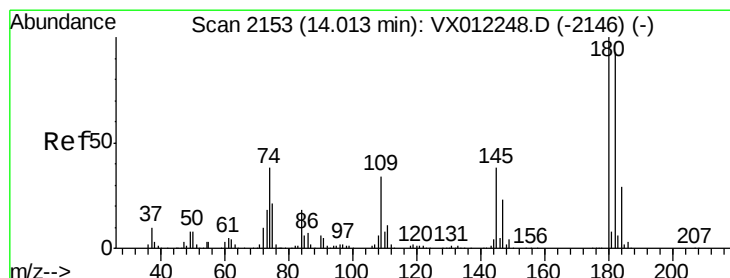
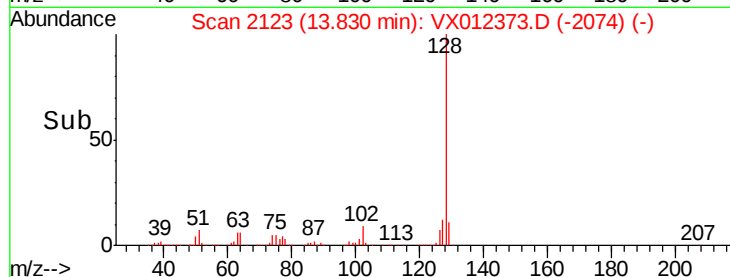
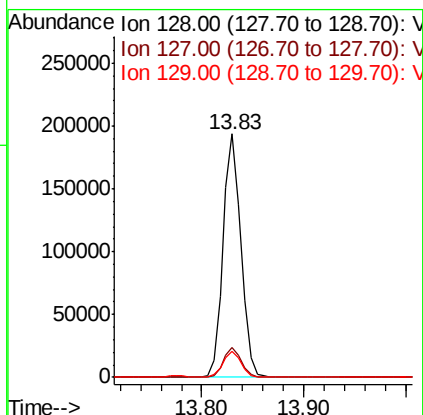
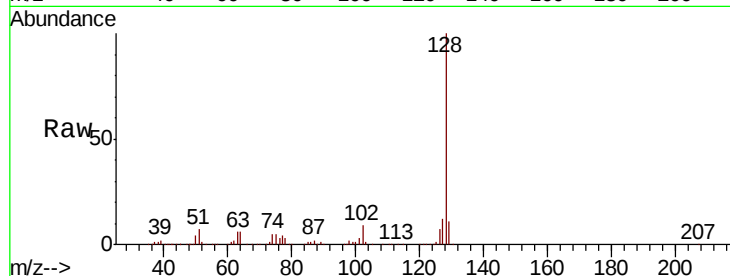




#95
Naphthalene
Concen: 54.426 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 236358
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.003 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012373.D
Acq: 13 Sep 2019 03:15

Tgt Ion:180 Resp: 93111
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 36.9 18.6 55.8

