

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011719.D
 Acq On : 21 Aug 2019 05:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 21 06:00:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	286808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	435415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142378	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.06%		
35) Dibromofluoromethane	5.49	113	126915	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.12%		
50) Toluene-d8	8.71	98	401027	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.38%		
62) 4-Bromofluorobenzene	11.13	95	175992	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.98%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	160311	56.865	ug/l	99
3) Chloromethane	1.32	50	132512	45.256	ug/l	99
4) Vinyl Chloride	1.40	62	125724	47.532	ug/l	100
5) Bromomethane	1.63	94	64412	54.348	ug/l	99
6) Chloroethane	1.71	64	71517	57.129	ug/l	98
7) Trichlorofluoromethane	1.92	101	207992	56.772	ug/l	100
8) Diethyl Ether	2.18	74	70439	56.049	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133344	52.695	ug/l	99
10) Methyl Iodide	2.50	142	181410	50.324	ug/l	99
11) Tert butyl alcohol	3.04	59	179172	274.586	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129990	53.155	ug/l	98
13) Acrolein	2.29	56	52566	261.237	ug/l	98
14) Allyl chloride	2.72	41	204466	50.261	ug/l	98
15) Acrylonitrile	3.14	53	410321	274.753	ug/l	100
16) Acetone	2.43	43	361756	270.496	ug/l	99
17) Carbon Disulfide	2.56	76	280747	48.720	ug/l	100
18) Methyl Acetate	2.76	43	242303	58.419	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	457479	57.439	ug/l	97
20) Methylene Chloride	2.85	84	146116	52.035	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	140213	54.105	ug/l	98
22) Diisopropyl ether	3.85	45	427146	52.724	ug/l	99
23) Vinyl Acetate	3.81	43	1738436	270.981	ug/l	100
24) 1,1-Dichloroethane	3.69	63	246800	53.881	ug/l	99
25) 2-Butanone	4.67	43	514029	244.825	ug/l	99
26) 2,2-Dichloropropane	4.57	77	114914	33.333	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	147584	48.852	ug/l	98
28) Bromochloromethane	5.01	49	100402	49.932	ug/l	100
29) Tetrahydrofuran	5.12	42	345780	251.064	ug/l	97
30) Chloroform	5.20	83	258767	53.530	ug/l	98
31) Cyclohexane	5.57	56	199481	50.582	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	231438	55.680	ug/l	99
36) 1,1-Dichloropropene	5.79	75	181996	48.888	ug/l	98
37) Ethyl Acetate	4.82	43	193398	45.167	ug/l	99
38) Carbon Tetrachloride	5.78	117	204700	49.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214833	46.730	ug/l	97
40) Benzene	6.13	78	553864	47.876	ug/l	100
41) Methacrylonitrile	5.03	41	111609	47.360	ug/l	98
42) 1,2-Dichloroethane	6.18	62	212117	52.921	ug/l	99
43) Isopropyl Acetate	6.44	43	335650	50.229	ug/l	100
44) Trichloroethene	7.21	130	167436	48.788	ug/l	98
45) 1,2-Dichloropropane	7.51	63	146308	50.711	ug/l	99
46) Dibromomethane	7.65	93	103938	49.574	ug/l	98
47) Bromodichloromethane	7.89	83	197204	51.227	ug/l	99
48) Methyl methacrylate	7.76	41	169151	51.116	ug/l	98
49) 1,4-Dioxane	7.74	88	86055	977.710	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1086148	248.326	ug/l	99
52) Toluene	8.78	92	345793	46.917	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	193940	48.542	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	204249	46.714	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	158309	50.510	ug/l	99
56) Ethyl methacrylate	9.18	69	233542	51.267	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248880	49.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	539770	237.806	ug/l	98
59) 2-Hexanone	9.49	43	837400	248.270	ug/l	99
60) Dibromochloromethane	9.58	129	174910	53.562	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168450	50.359	ug/l	99
64) Tetrachloroethene	9.34	164	163376	50.545	ug/l	97
65) Chlorobenzene	10.13	112	421355	50.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	163788	52.152	ug/l	100
67) Ethyl Benzene	10.25	91	713051	50.848	ug/l	99
68) m/p-Xylenes	10.35	106	554354	102.985	ug/l	98
69) o-Xylene	10.69	106	269429	51.099	ug/l	100
70) Styrene	10.71	104	465830	52.481	ug/l	99
71) Bromoform	10.85	173	140843	46.402	ug/l #	99
73) Isopropylbenzene	11.02	105	728363	53.656	ug/l	100
74) N-amyl acetate	10.90	43	298055	51.667	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	243388	52.120	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	260821	65.749	ug/l	85
77) Bromobenzene	11.25	156	213471	52.856	ug/l	100
78) n-propylbenzene	11.35	91	793733	54.225	ug/l	100
79) 2-Chlorotoluene	11.42	91	482615	53.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	622196	54.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61437	42.676	ug/l	97
82) 4-Chlorotoluene	11.51	91	560087	53.711	ug/l	99
83) tert-Butylbenzene	11.77	119	619229	53.317	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	576031	50.317	ug/l	98
85) sec-Butylbenzene	11.94	105	686103	52.361	ug/l	100
86) p-Isopropyltoluene	12.06	119	647180	52.500	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	345616	49.786	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337696	47.996	ug/l	99
89) n-Butylbenzene	12.38	91	529390	52.236	ug/l	99
90) Hexachloroethane	12.59	117	97359	50.014	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	355234	50.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53275	49.867	ug/l	91

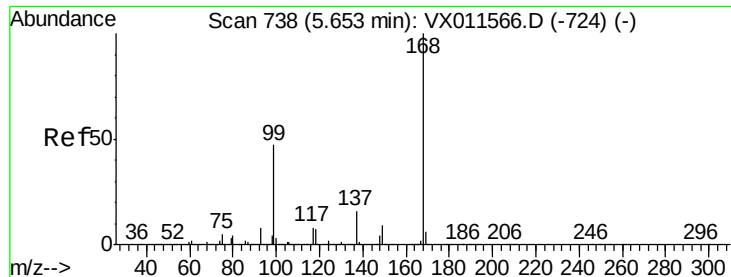
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	243268	46.852	ug/l	98
94) Hexachlorobutadiene	13.78	225	131645	46.562	ug/l	99
95) Naphthalene	13.83	128	782167	53.286	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268128	51.198	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

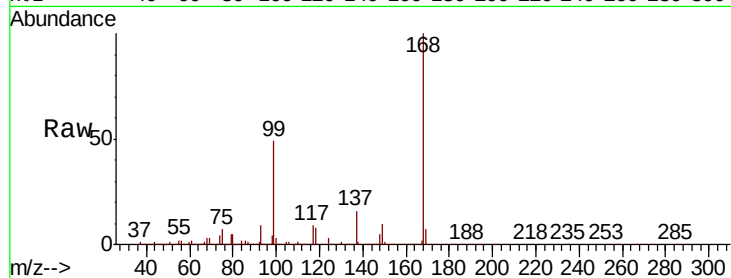
VSTDCCC050EC

Tgt Ion:168 Resp: 286808

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

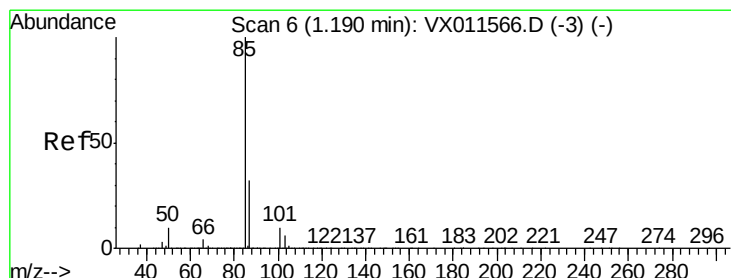
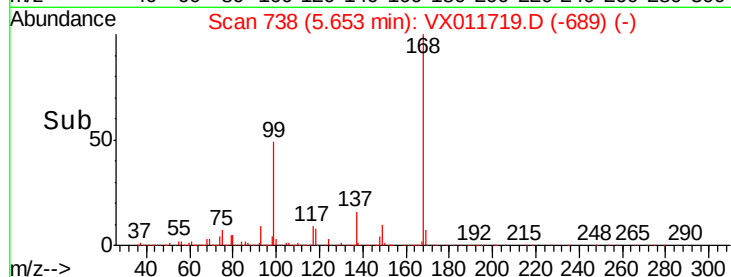
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.865 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011719.D

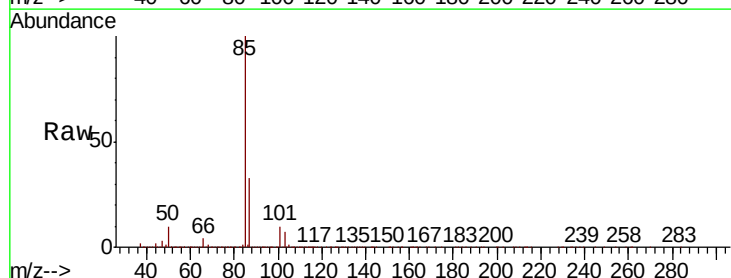
Acq: 21 Aug 2019 05:31

Tgt Ion: 85 Resp: 160311

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

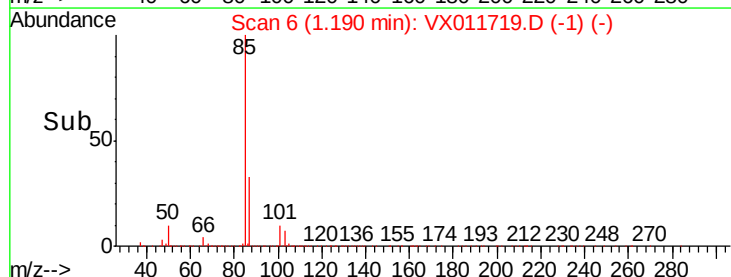
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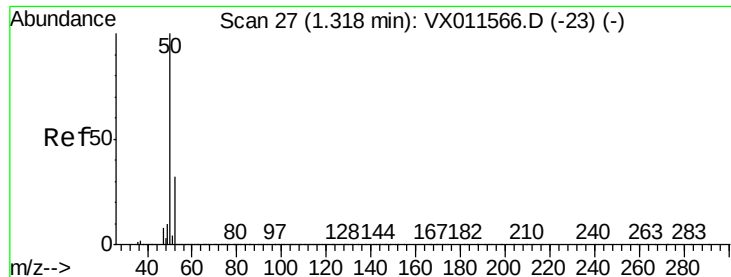
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.256 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

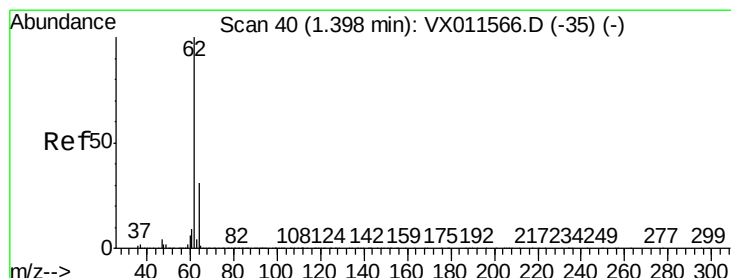
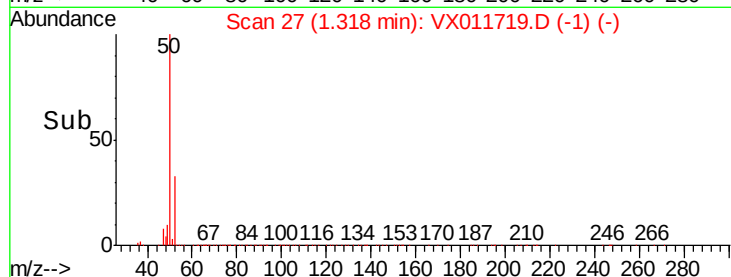
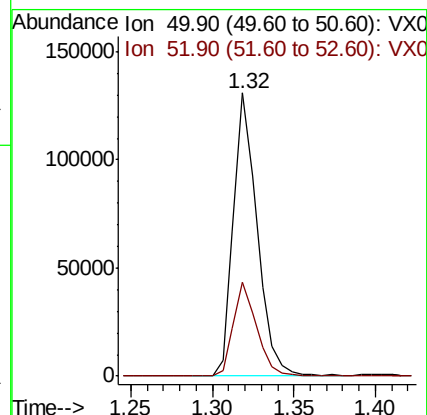
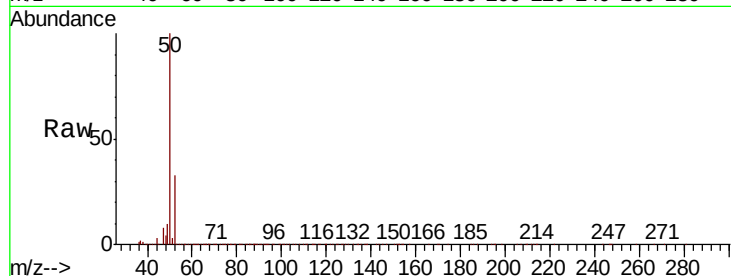
VSTDCCC050EC

Tgt Ion: 50 Resp: 132512

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 47.532 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011719.D

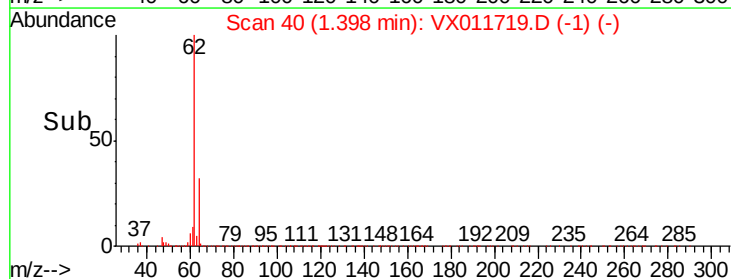
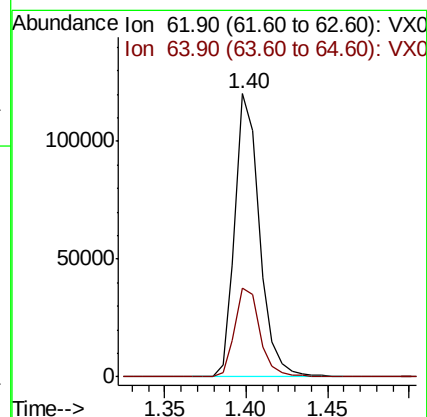
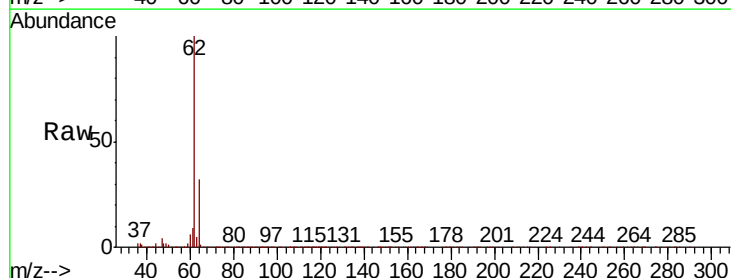
Acq: 21 Aug 2019 05:31

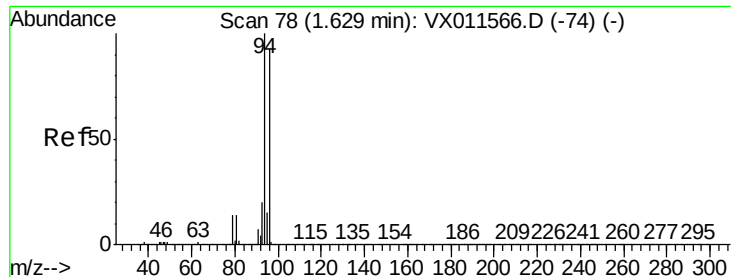
Tgt Ion: 62 Resp: 125724

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.4





#5

Bromomethane

Concen: 54.348 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

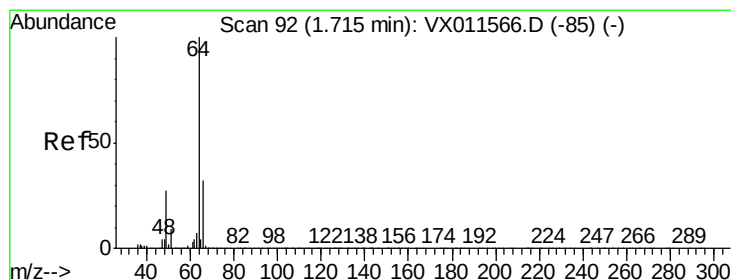
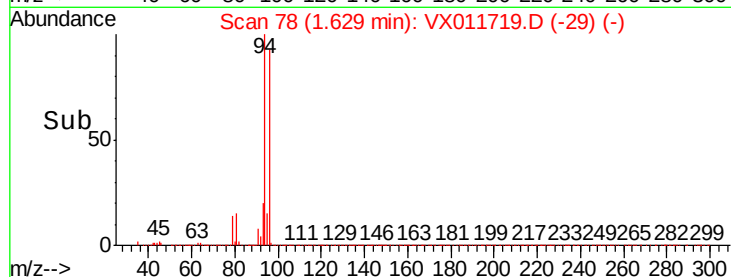
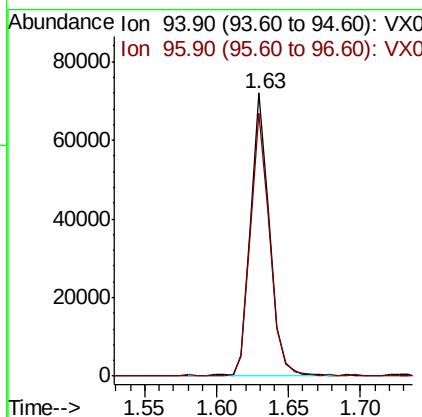
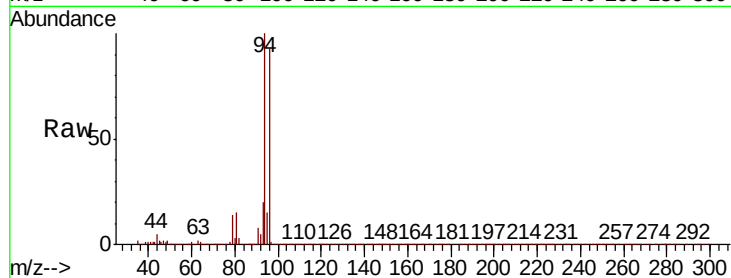
VSTDCCC050EC

Tgt Ion: 94 Resp: 64412

Ion Ratio Lower Upper

94 100

96 92.6 74.8 112.2



#6

Chloroethane

Concen: 57.129 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011719.D

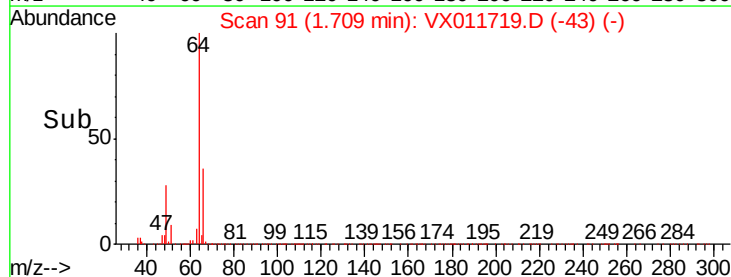
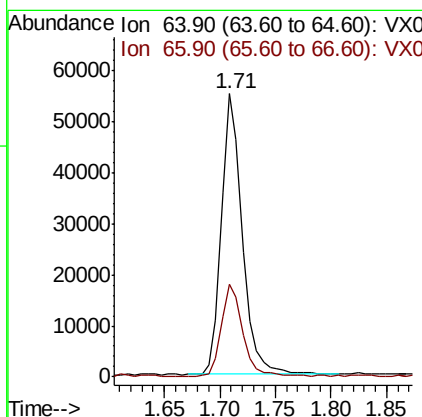
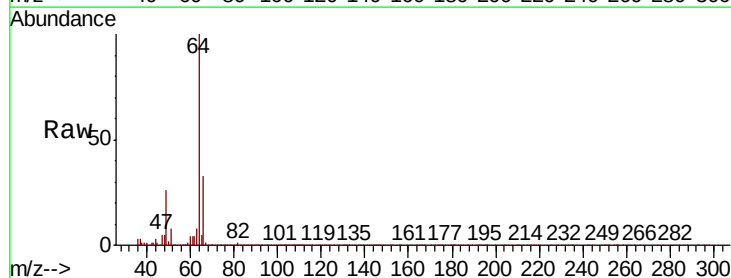
Acq: 21 Aug 2019 05:31

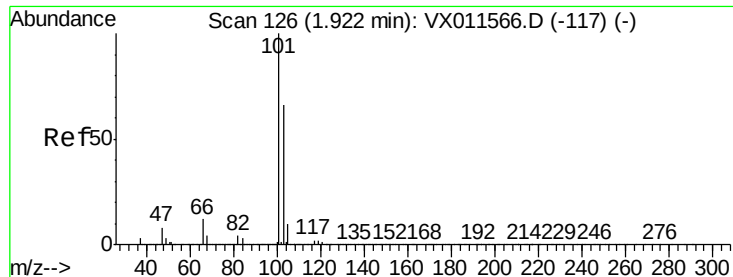
Tgt Ion: 64 Resp: 71517

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9



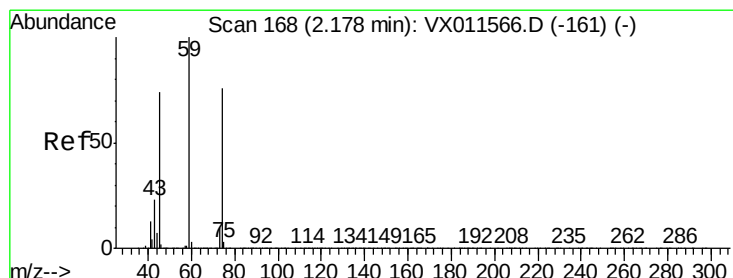
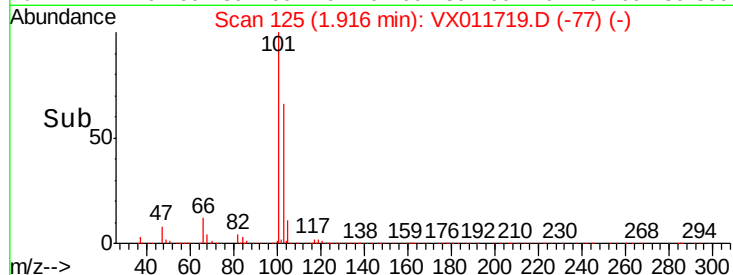
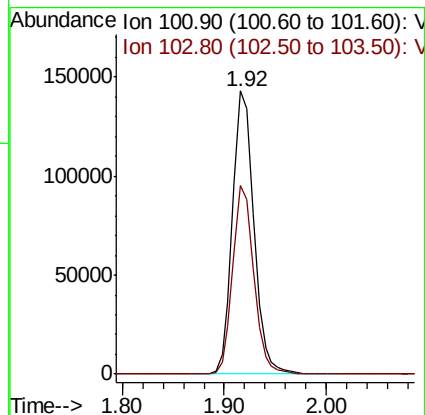
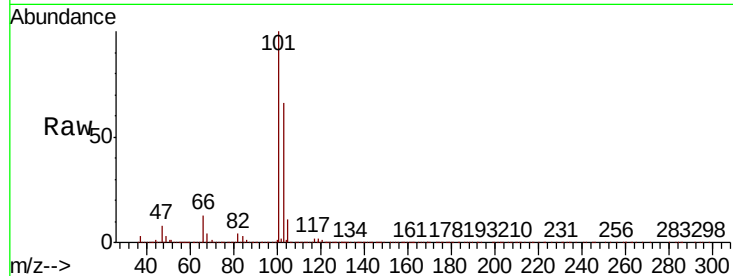


#7

Trichlorofluoromethane
Concen: 56.772 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

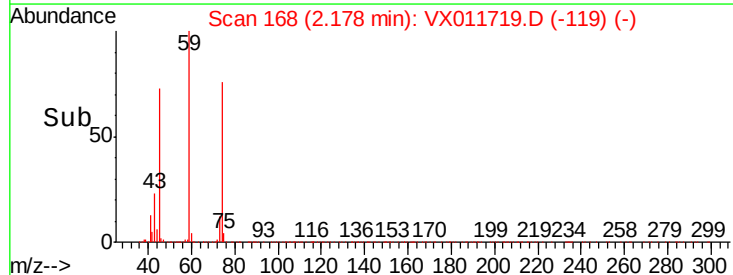
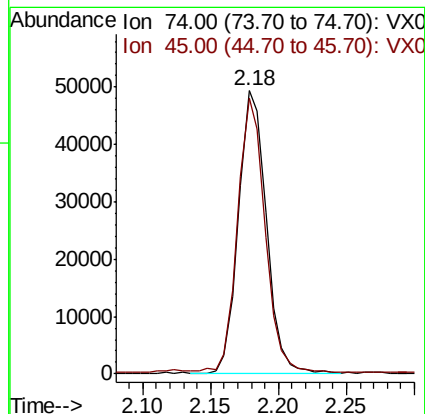
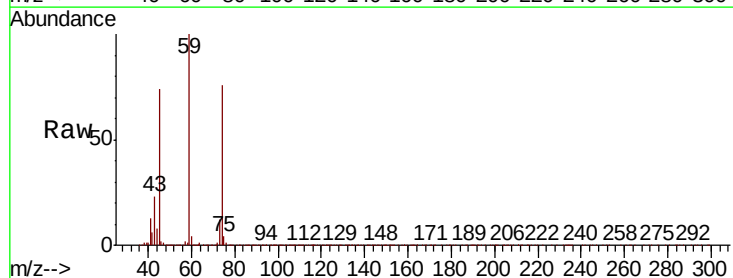
Tgt Ion:101 Resp: 207992
Ion Ratio Lower Upper
101 100
103 66.4 52.9 79.3

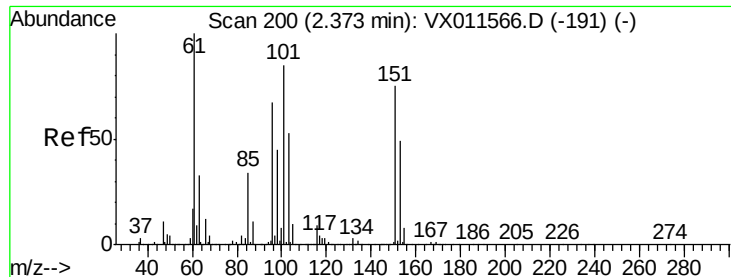


#8

Diethyl Ether
Concen: 56.049 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 74 Resp: 70439
Ion Ratio Lower Upper
74 100
45 96.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.695 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

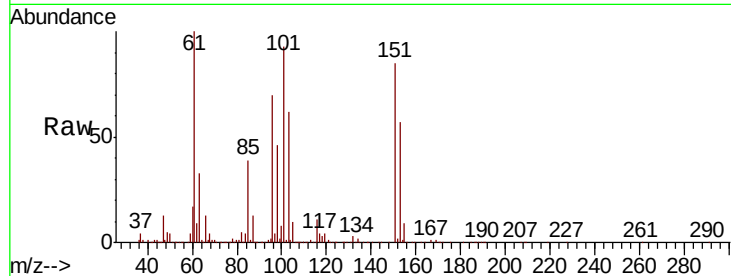
Tgt Ion:101 Resp: 133344

Ion Ratio Lower Upper

101 100

85 41.9 33.0 49.4

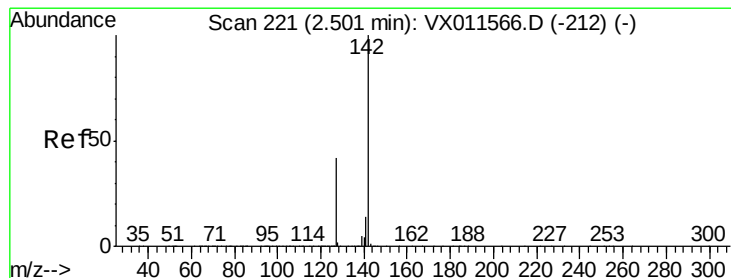
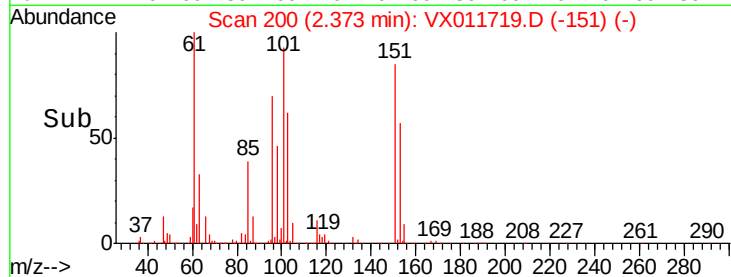
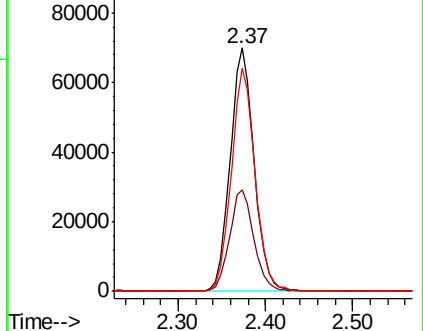
151 90.8 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.324 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

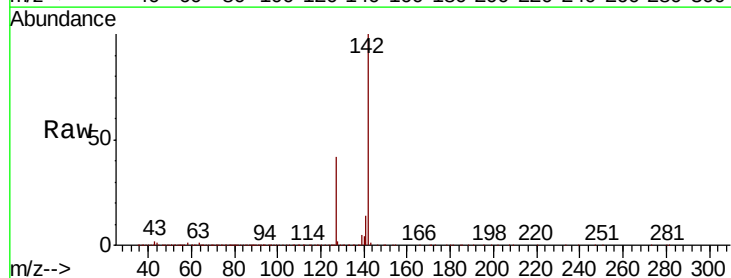
Tgt Ion:142 Resp: 181410

Ion Ratio Lower Upper

142 100

127 41.8 32.8 49.2

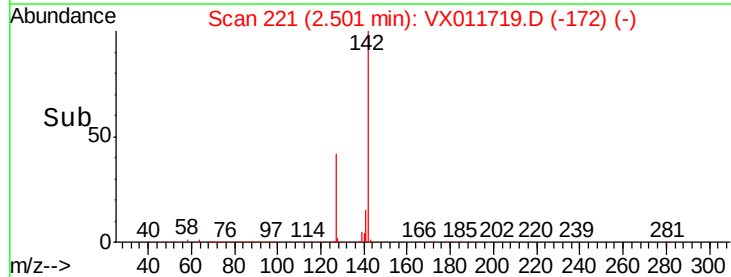
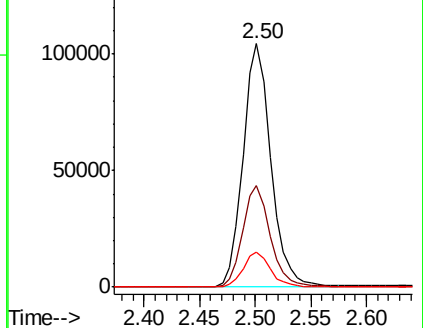
141 14.5 11.4 17.2

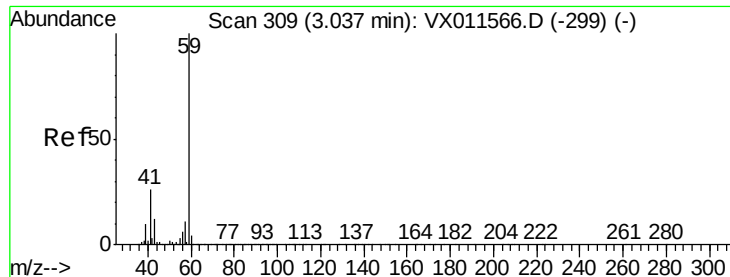


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



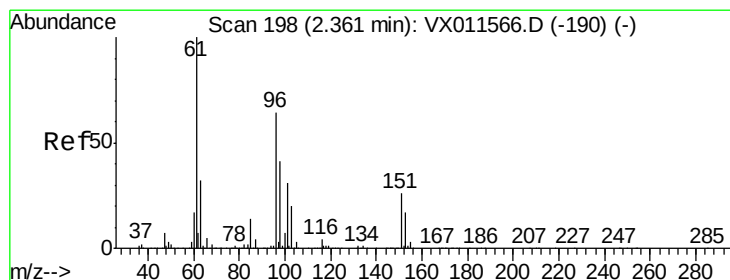
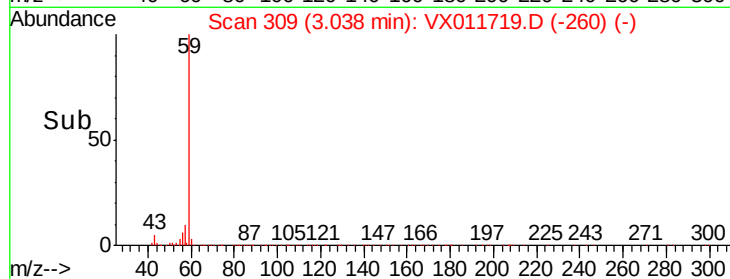
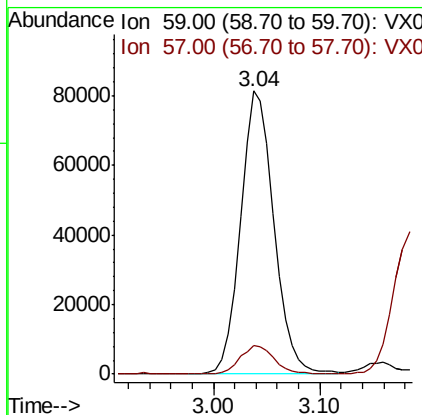
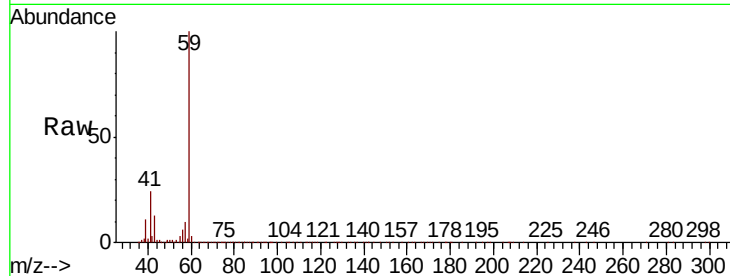


#11

Tert butyl alcohol
 Concen: 274.586 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

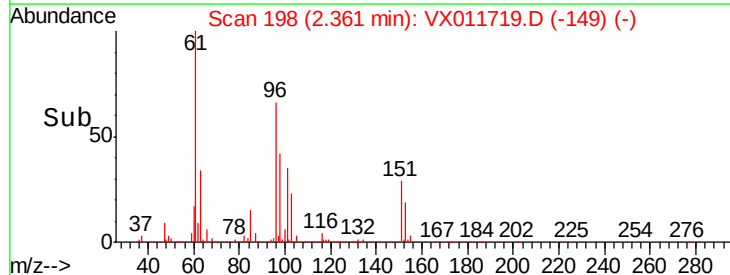
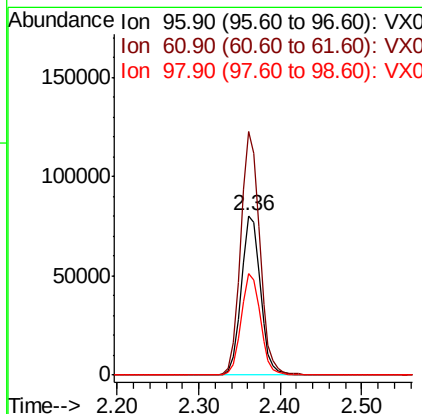
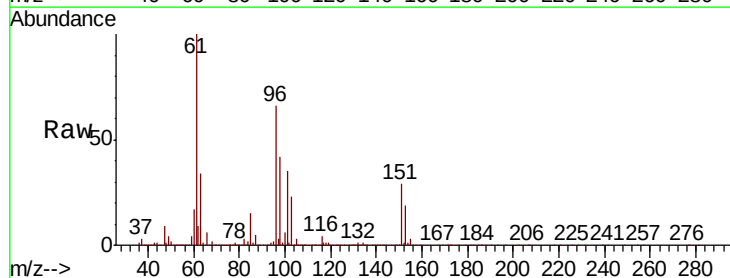
Tgt Ion: 59 Resp: 179172
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.7 13.1

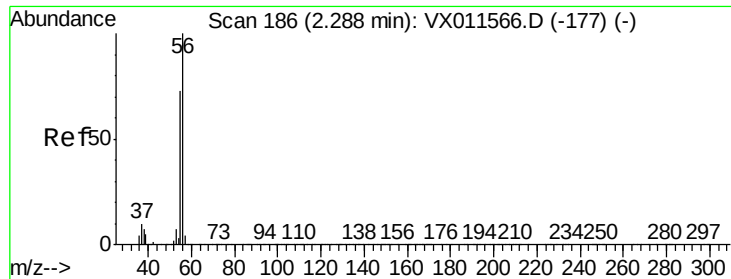


#12

1,1-Dichloroethene
 Concen: 53.155 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 96 Resp: 129990
 Ion Ratio Lower Upper
 96 100
 61 152.6 125.0 187.4
 98 63.8 51.5 77.3





#13

Acrolein

Concen: 261.237 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

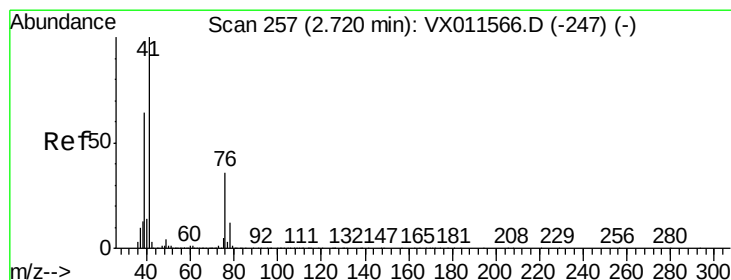
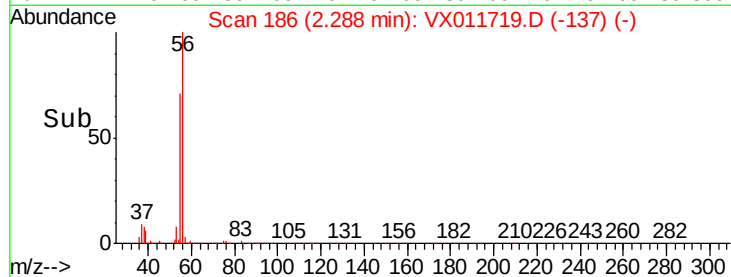
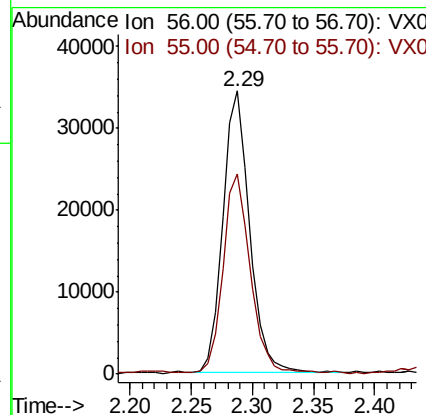
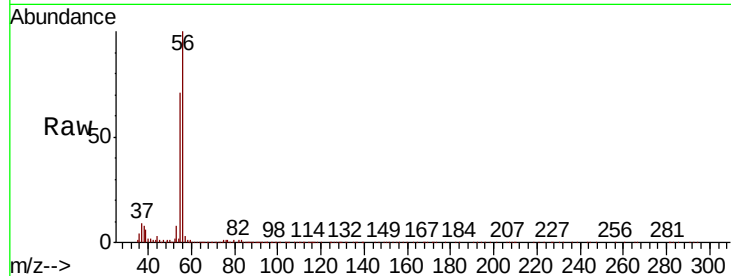
VSTDCCC050EC

Tgt Ion: 56 Resp: 52566

Ion Ratio Lower Upper

56 100

55 71.2 55.5 83.3



#14

Allyl chloride

Concen: 50.261 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

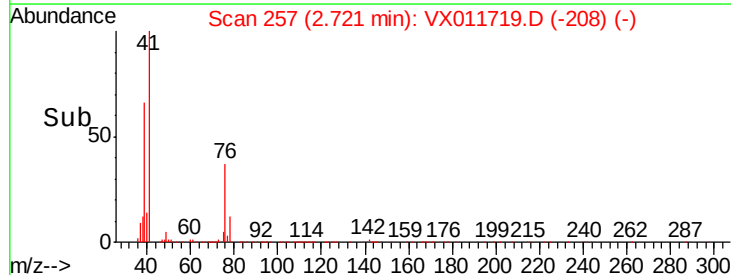
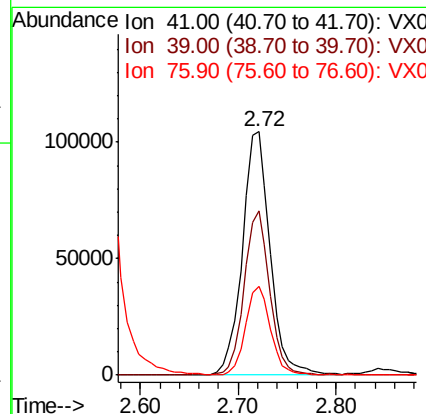
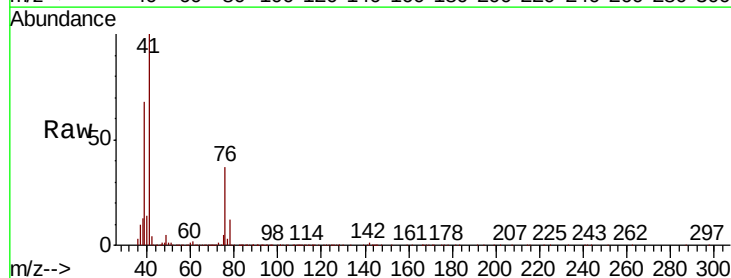
Tgt Ion: 41 Resp: 204466

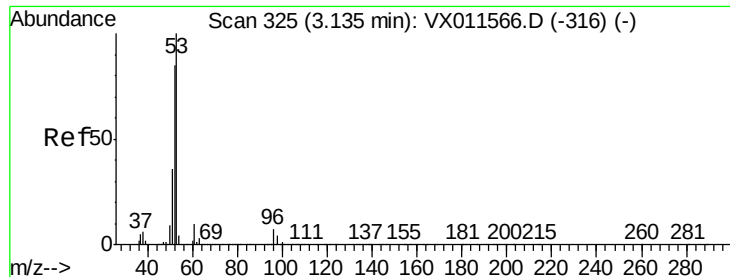
Ion Ratio Lower Upper

41 100

39 62.0 47.5 71.3

76 32.9 26.3 39.5





#15

Acrylonitrile

Concen: 274.753 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

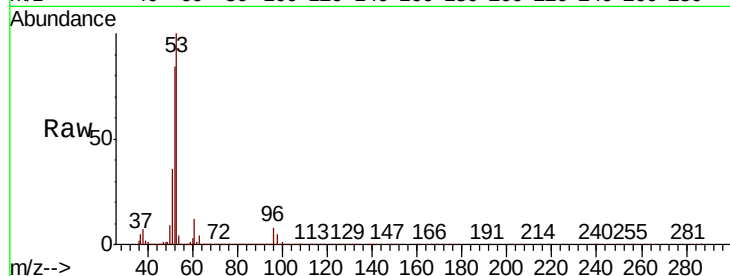
Tgt Ion: 53 Resp: 410321

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

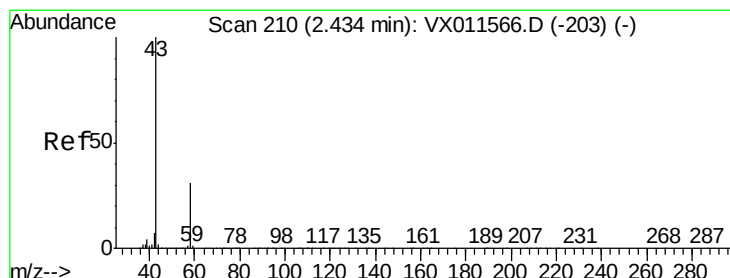
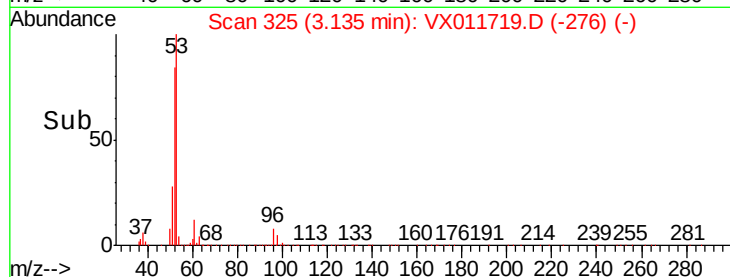
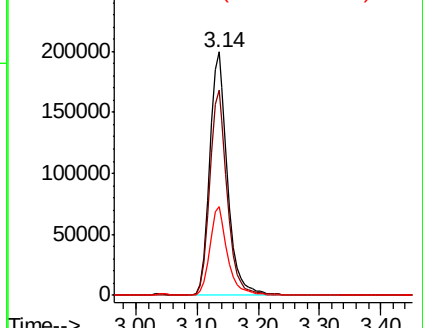
51 35.9 28.7 43.1



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: 270.496 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011719.D

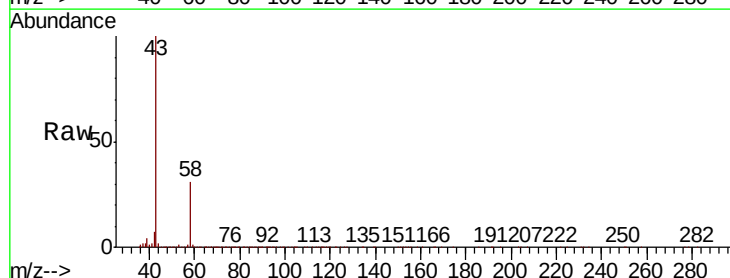
Acq: 21 Aug 2019 05:31

Tgt Ion: 43 Resp: 361756

Ion Ratio Lower Upper

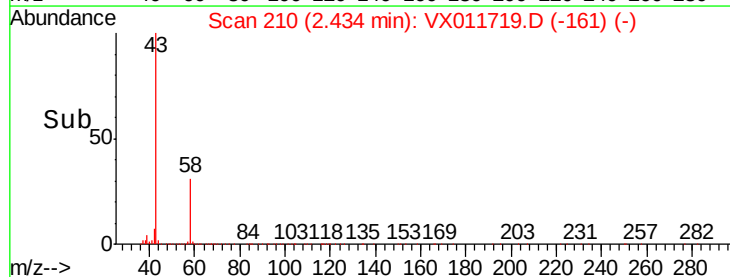
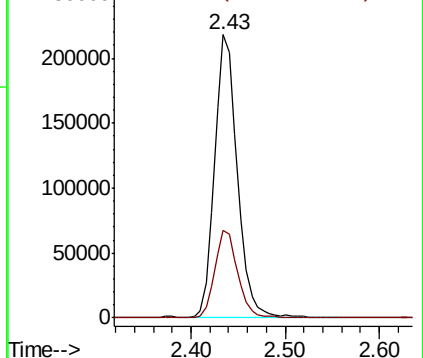
43 100

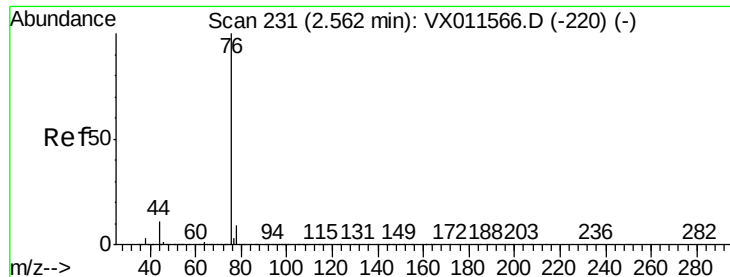
58 31.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

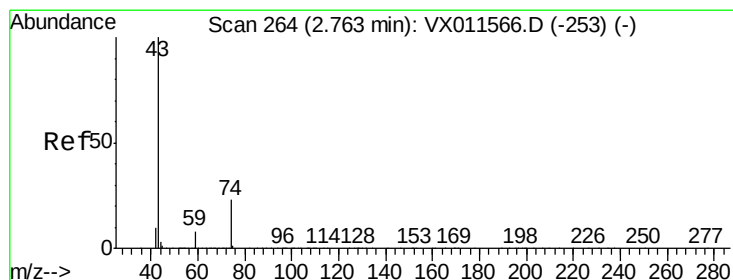
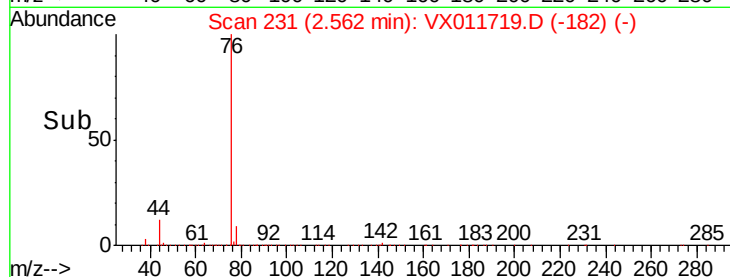
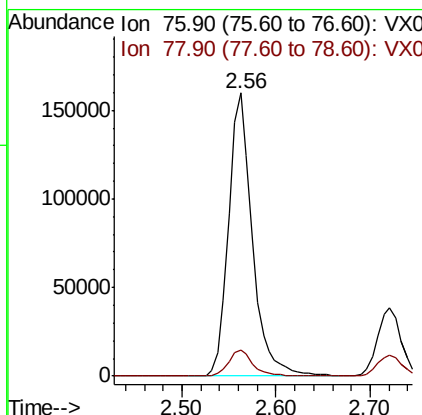
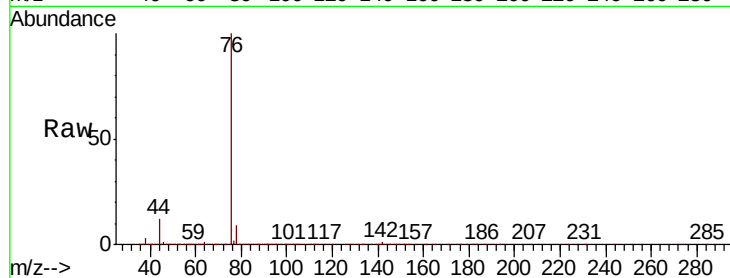




#17
Carbon Disulfide
Concen: 48.720 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

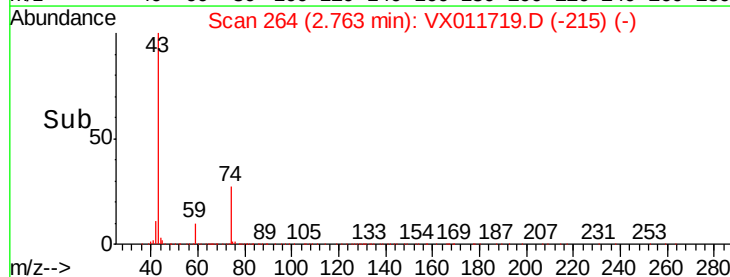
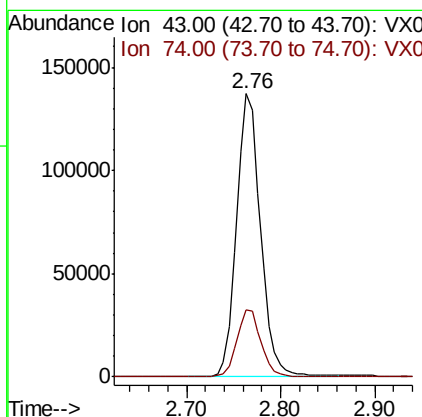
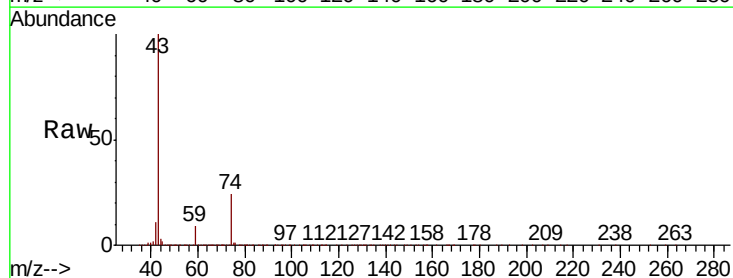
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

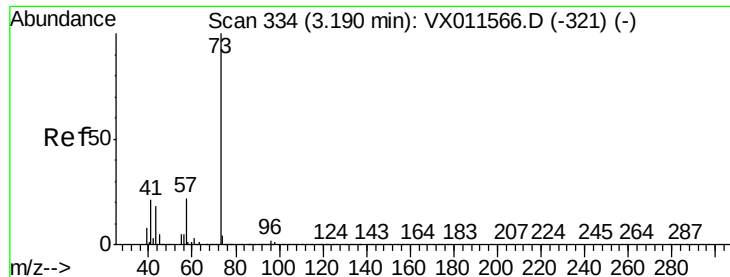
Tgt Ion: 76 Resp: 280747
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 58.419 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 43 Resp: 242303
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 57.439 ug/l

RT: 3.18 min Scan# 333

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

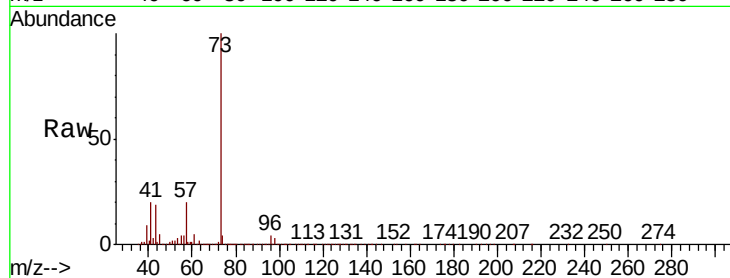
VSTDCCC050EC

Tgt Ion: 73 Resp: 457479

Ion Ratio Lower Upper

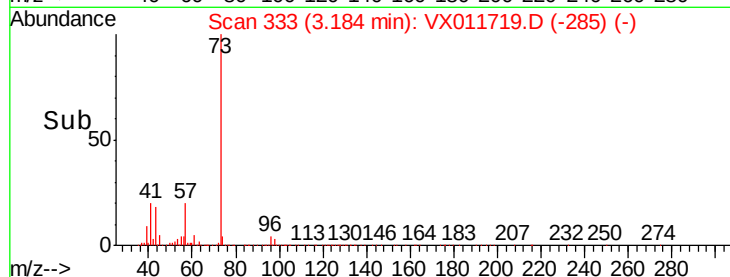
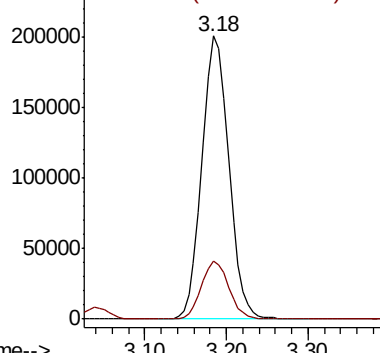
73 100

57 20.3 17.2 25.8

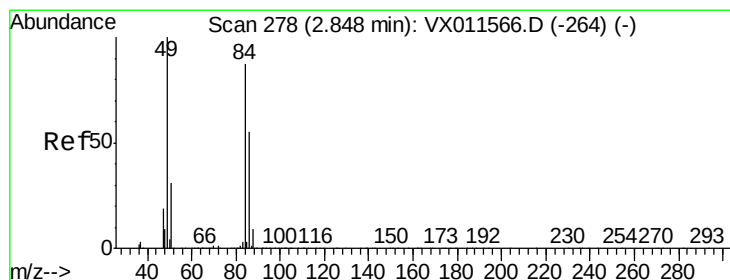


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#20

Methylene Chloride

Concen: 52.035 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Tgt Ion: 84 Resp: 146116

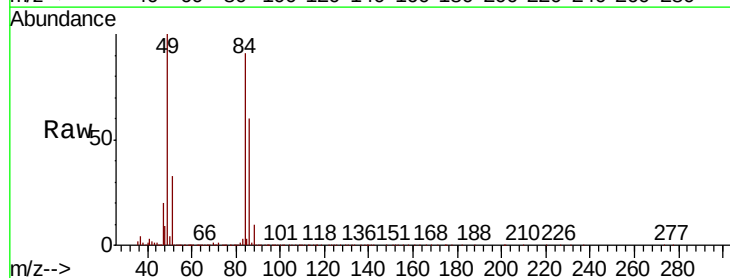
Ion Ratio Lower Upper

84 100

49 110.0 92.4 138.6

51 35.8 28.5 42.7

86 66.2 51.0 76.6

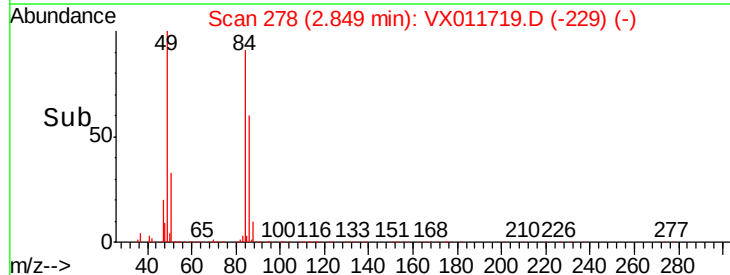
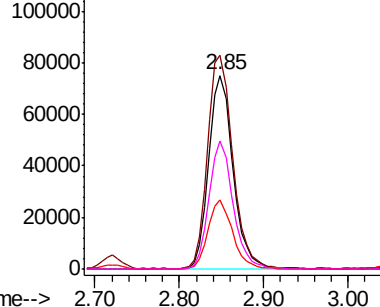


Abundance Ion 83.90 (83.60 to 84.60): VX0

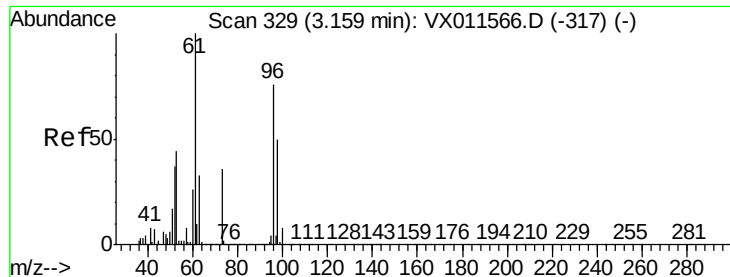
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#21

trans-1,2-Dichloroethene

Concen: 54.105 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

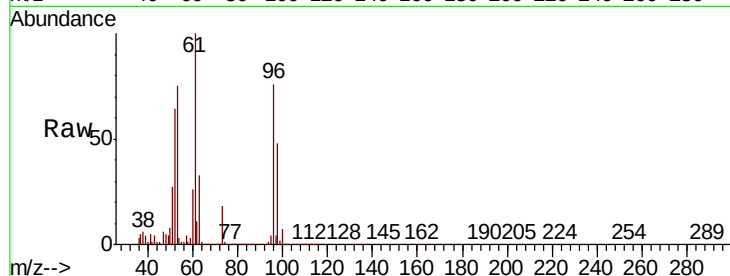
Tgt Ion: 96 Resp: 140213

Ion Ratio Lower Upper

96 100

61 131.0 105.5 158.3

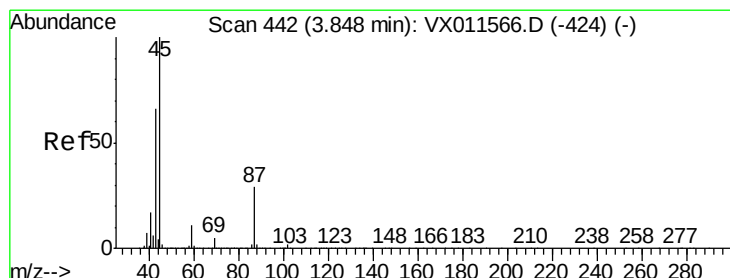
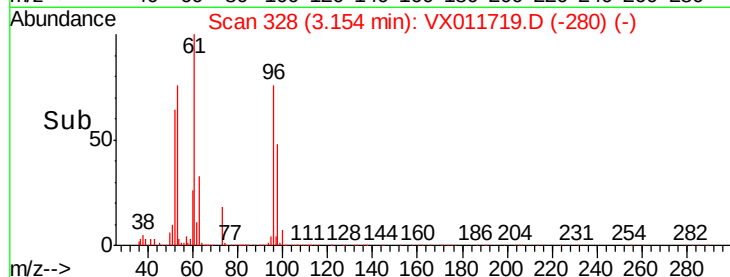
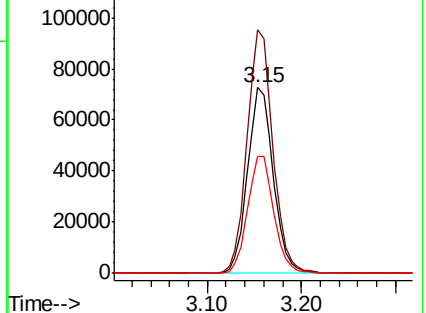
98 62.7 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.724 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Tgt Ion: 45 Resp: 427146

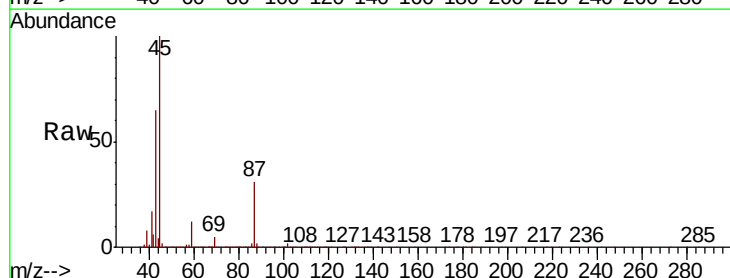
Ion Ratio Lower Upper

45 100

43 64.9 52.7 79.1

87 30.6 23.5 35.3

59 11.3 9.0 13.4

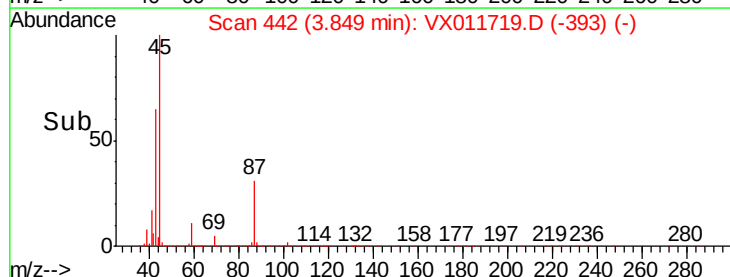
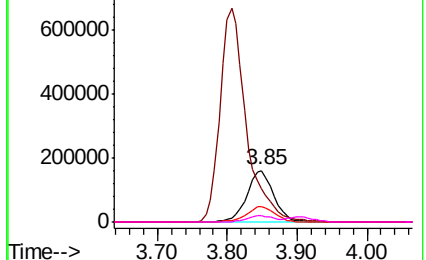


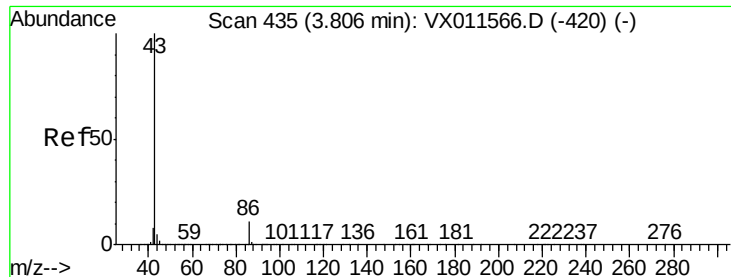
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.981 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

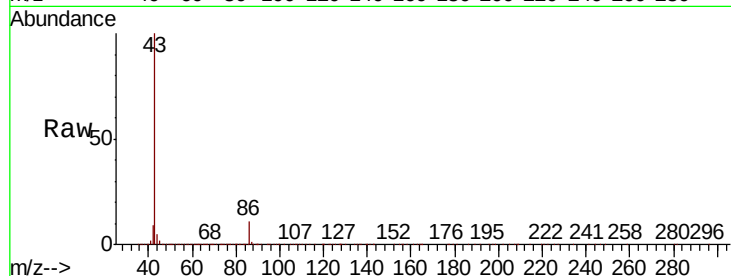
VSTDCCC050EC

Tgt Ion: 43 Resp: 1738436

Ion Ratio Lower Upper

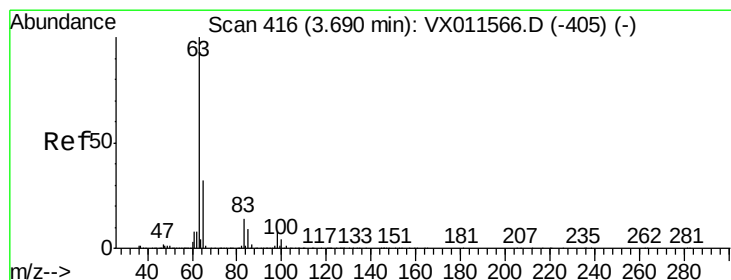
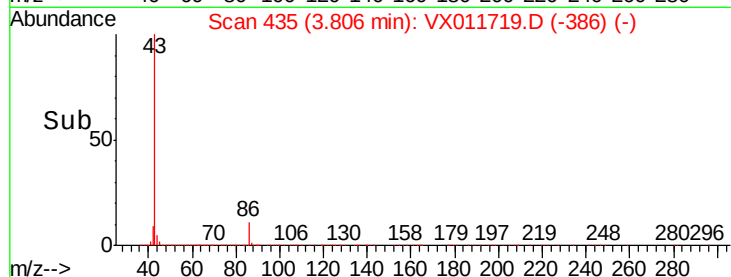
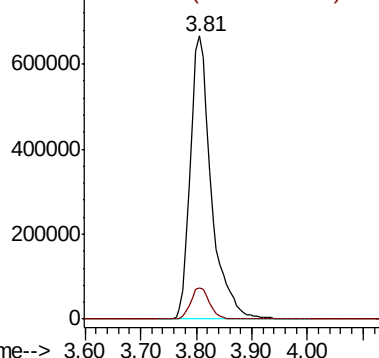
43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.881 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

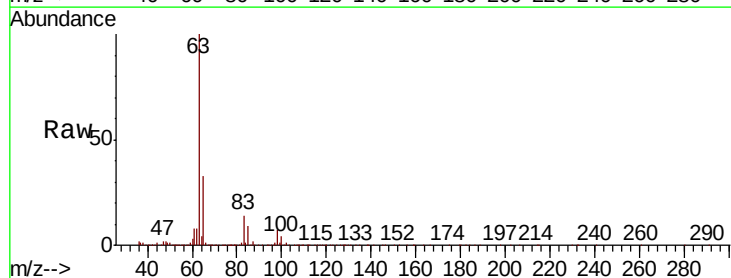
Tgt Ion: 63 Resp: 246800

Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

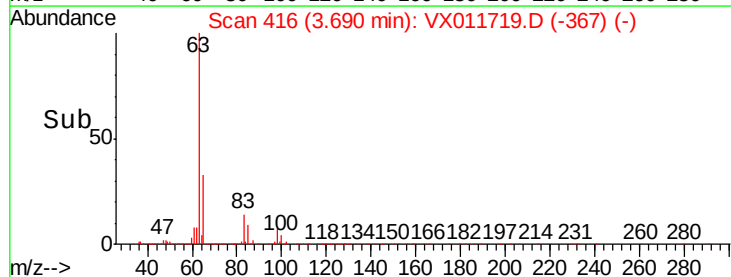
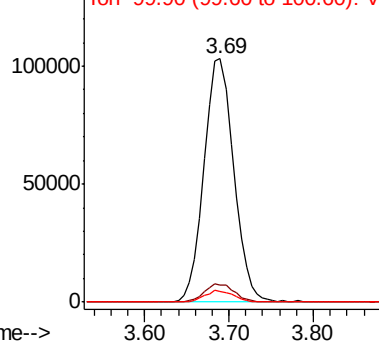
100 4.4 2.1 6.3

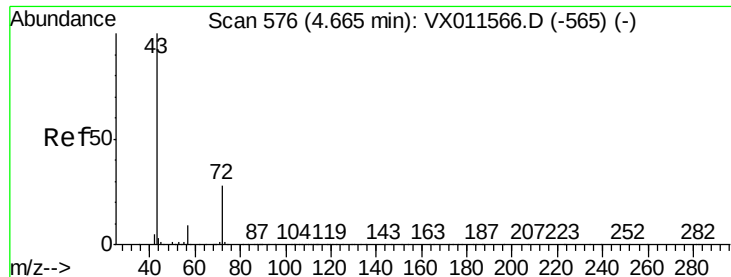


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.825 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

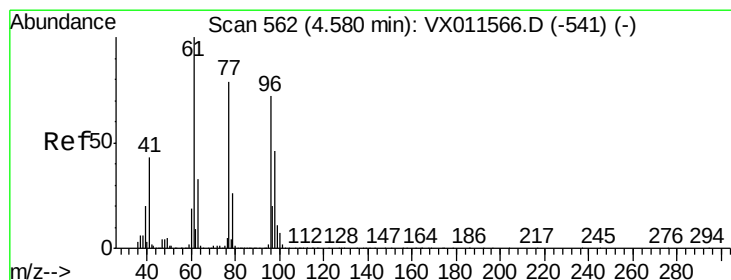
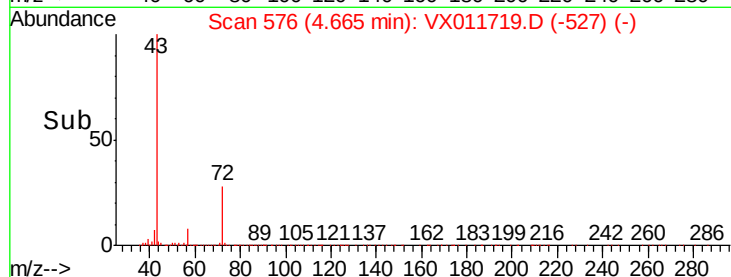
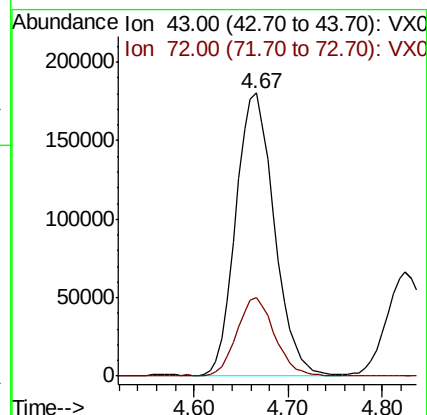
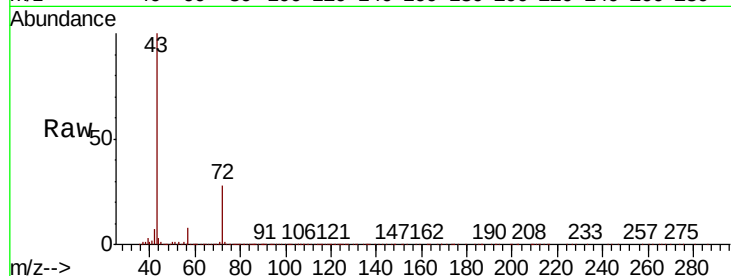
VSTDCCC050EC

Tgt Ion: 43 Resp: 514029

Ion Ratio Lower Upper

43 100

72 27.4 22.2 33.4



#26

2,2-Dichloropropane

Concen: 33.333 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011719.D

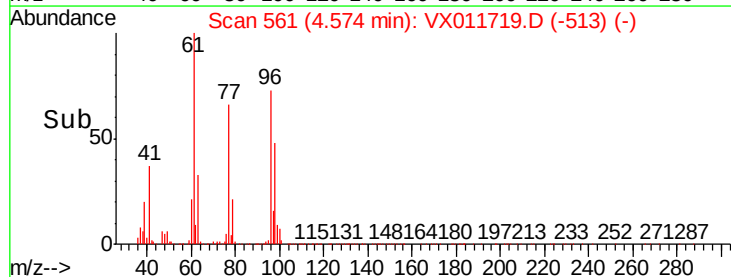
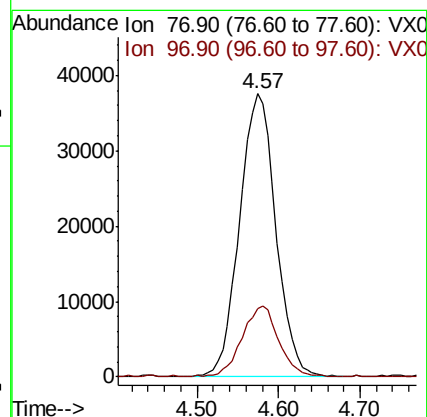
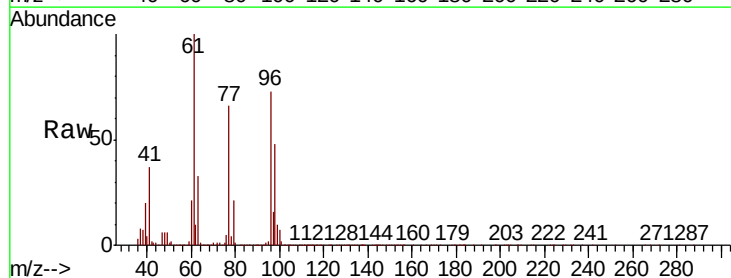
Acq: 21 Aug 2019 05:31

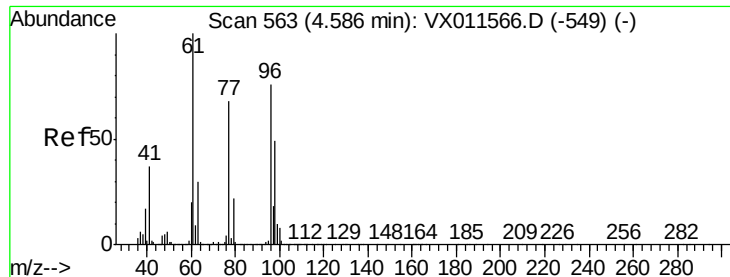
Tgt Ion: 77 Resp: 114914

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.2



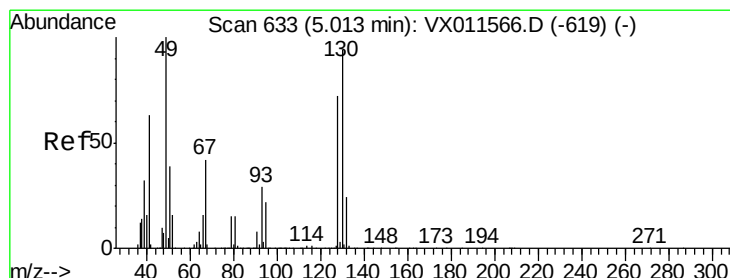
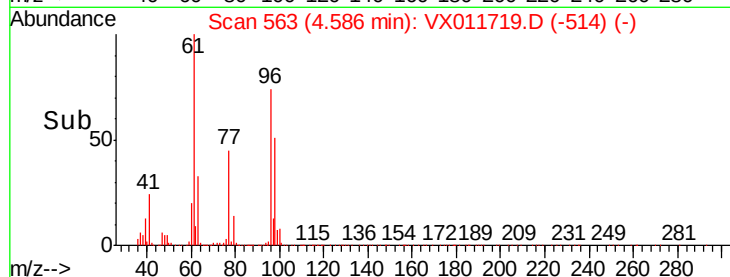
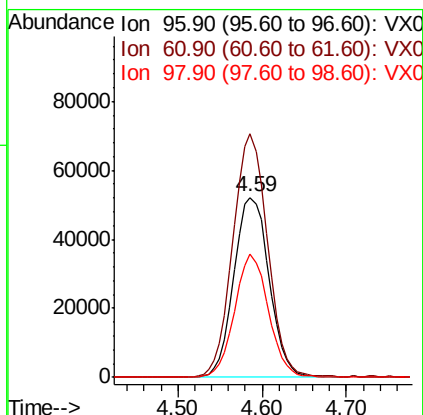
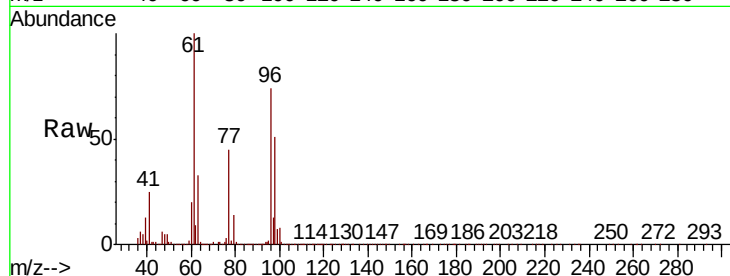


#27

cis-1,2-Dichloroethene
Concen: 48.852 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

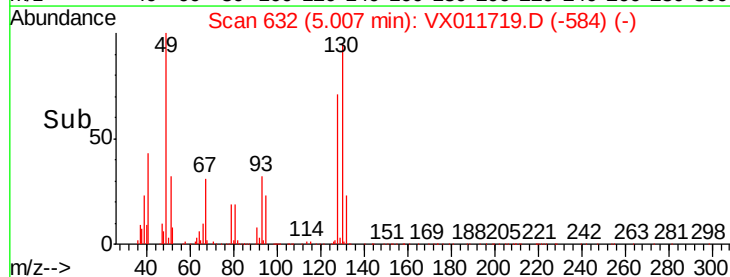
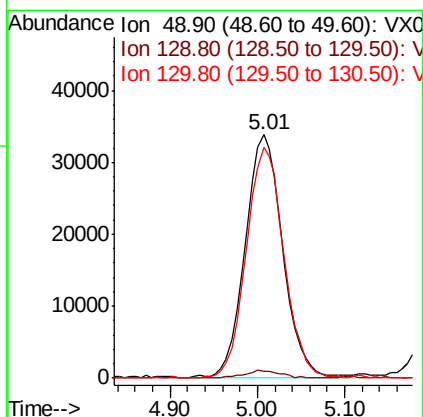
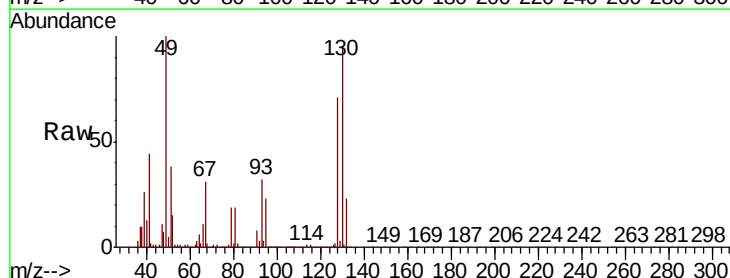
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	272.6
98	65.8	0.0	129.4

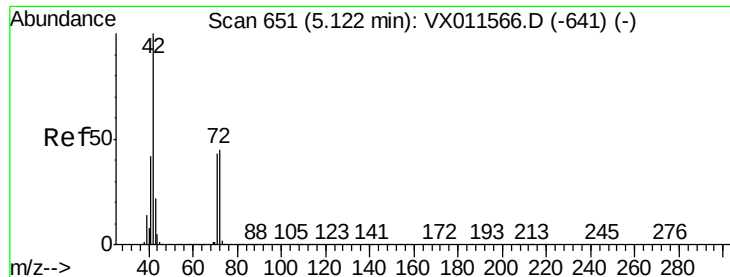


#28

Bromochloromethane
Concen: 49.932 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	95.5	76.6	115.0





#29

Tetrahydrofuran

Concen: 251.064 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

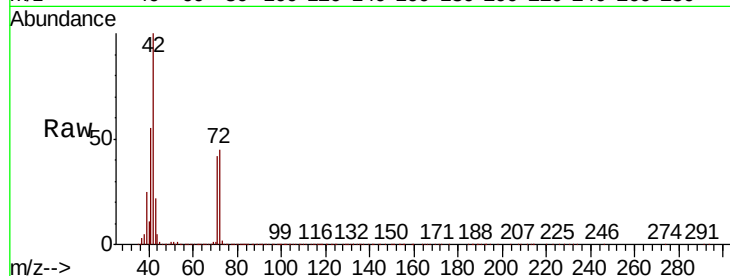
Tgt Ion: 42 Resp: 345780

Ion Ratio Lower Upper

42 100

72 47.1 36.1 54.1

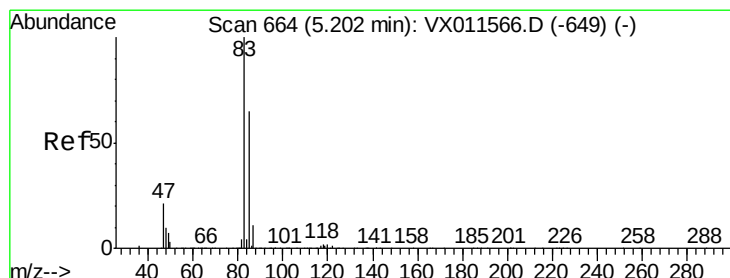
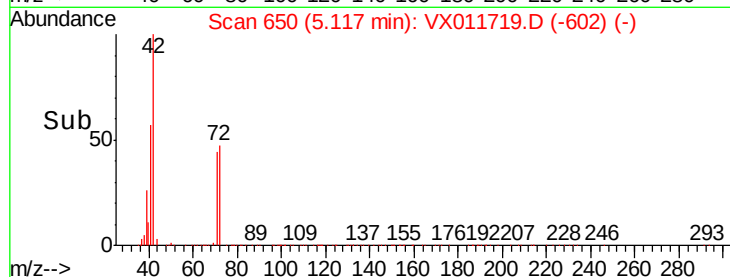
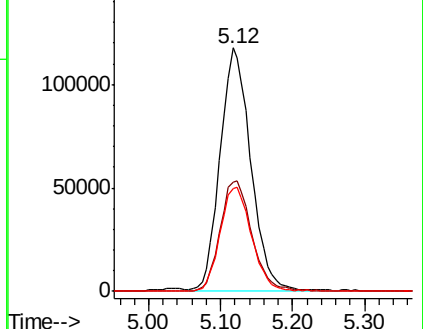
71 44.1 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.530 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011719.D

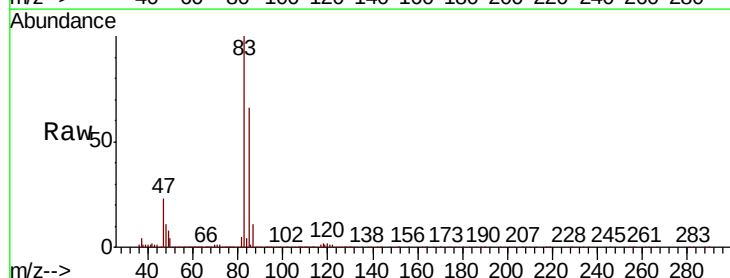
Acq: 21 Aug 2019 05:31

Tgt Ion: 83 Resp: 258767

Ion Ratio Lower Upper

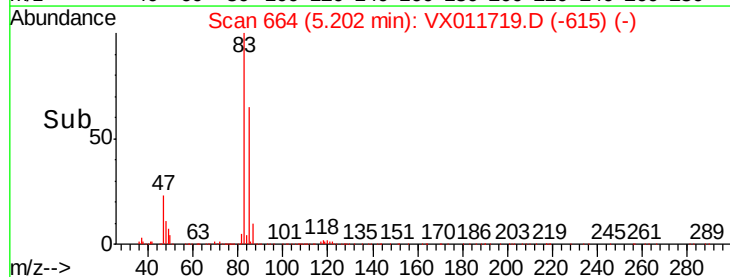
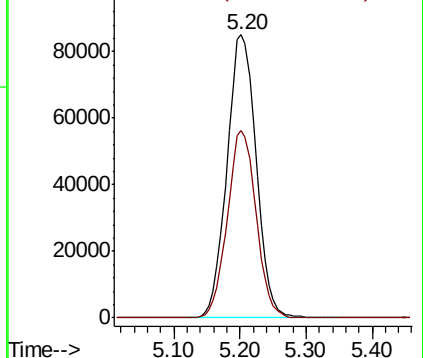
83 100

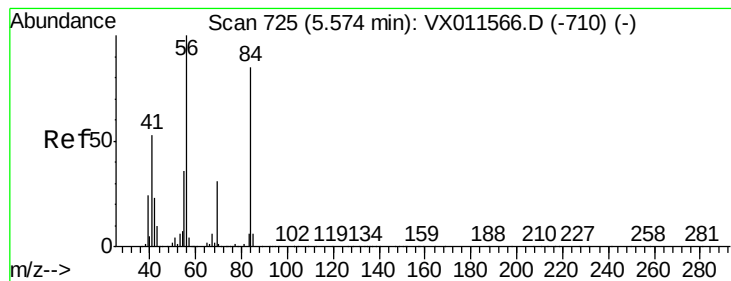
85 66.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.582 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

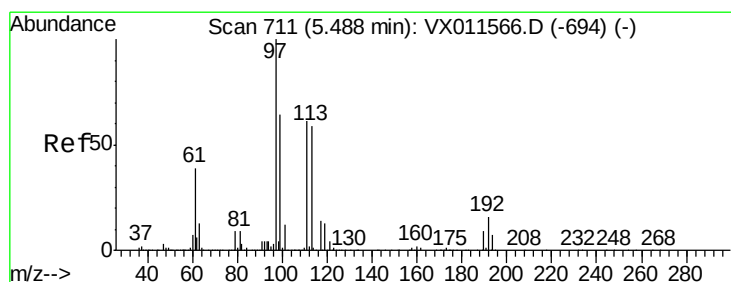
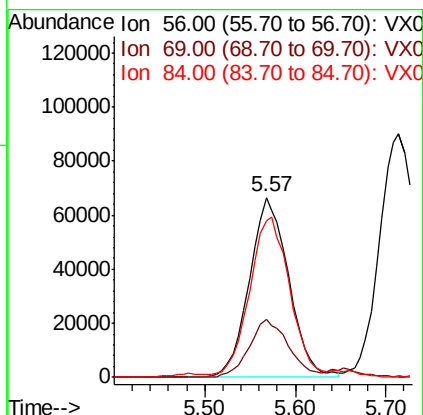
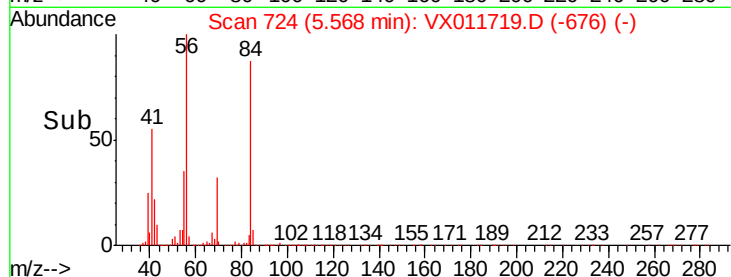
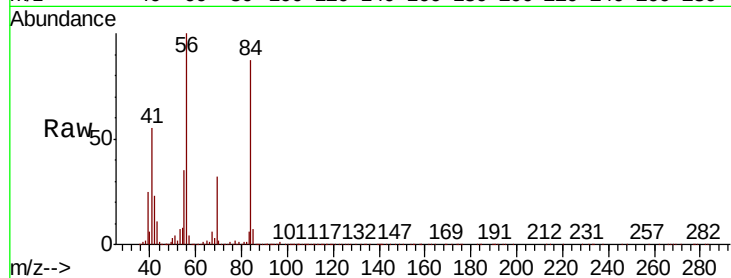
Tgt Ion: 56 Resp: 199481

Ion Ratio Lower Upper

56 100

69 32.3 24.8 37.2

84 85.2 67.9 101.9



#32

1,1,1-Trichloroethane

Concen: 55.680 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

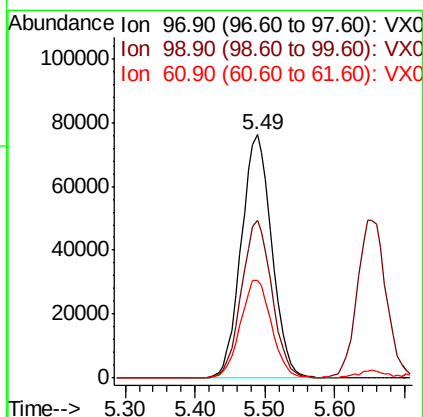
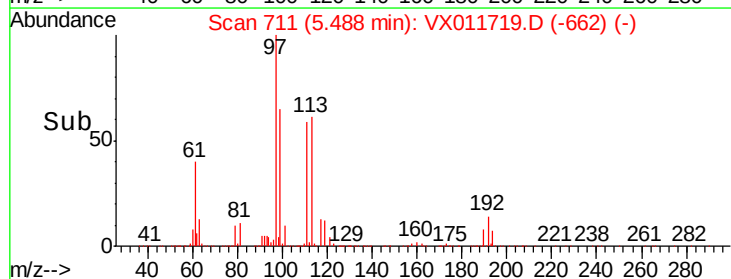
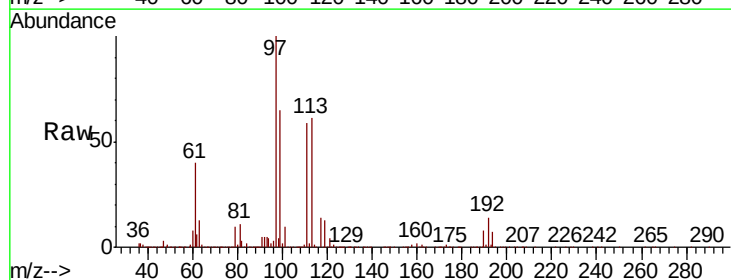
Tgt Ion: 97 Resp: 231438

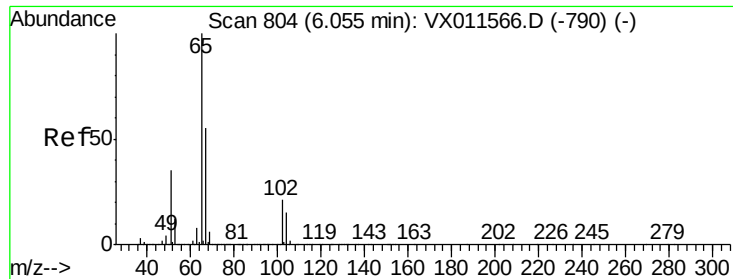
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 40.5 31.4 47.2

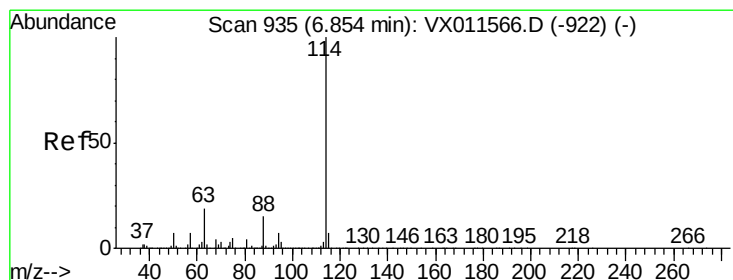
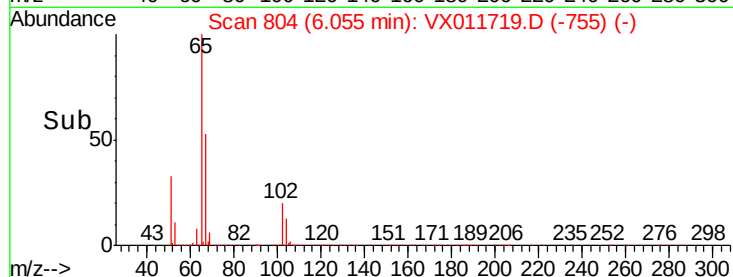
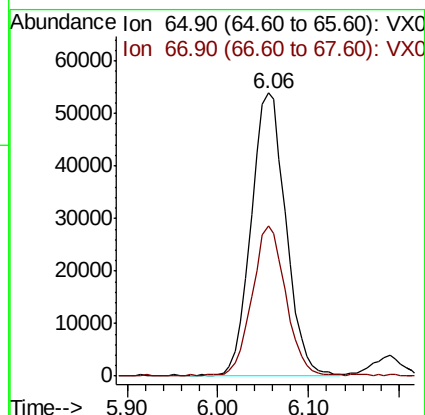
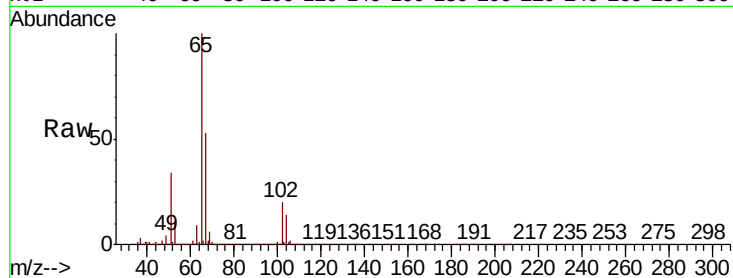




#33
 1,2-Dichloroethane-d4
 Concen: 53.531 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

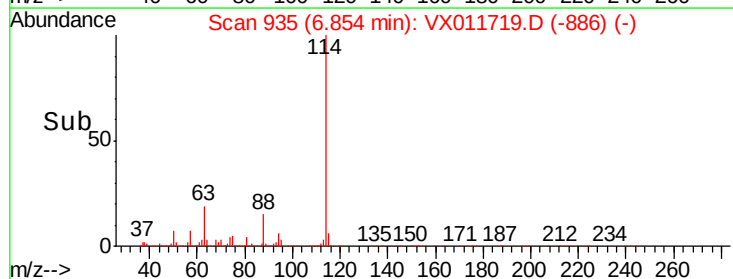
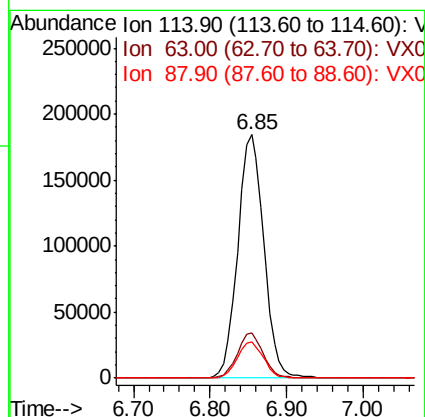
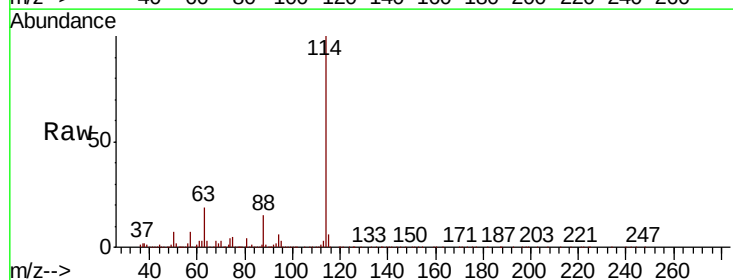
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

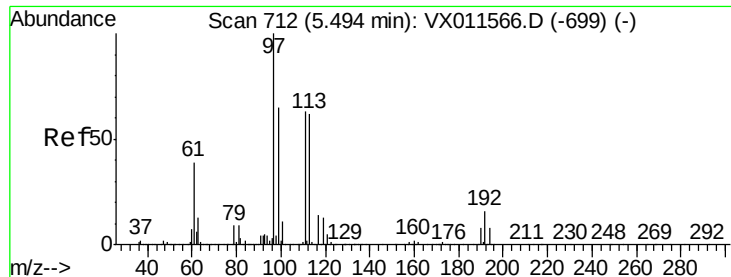
Tgt Ion: 65 Resp: 142378
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 114 Resp: 435415
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.565 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

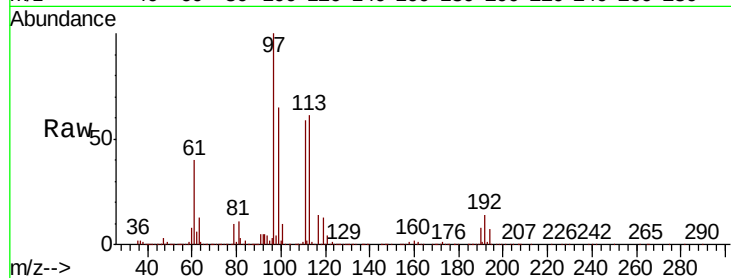
Tgt Ion: 113 Resp: 126915

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

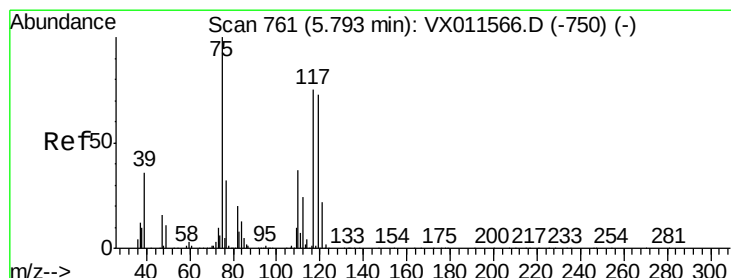
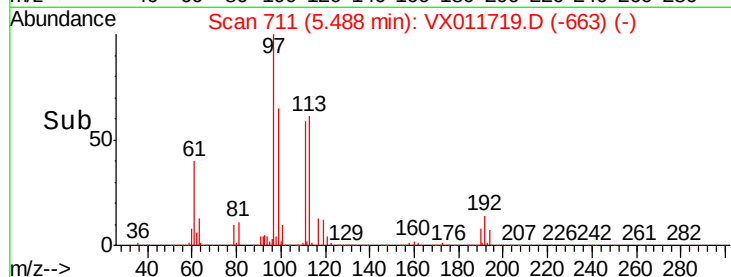
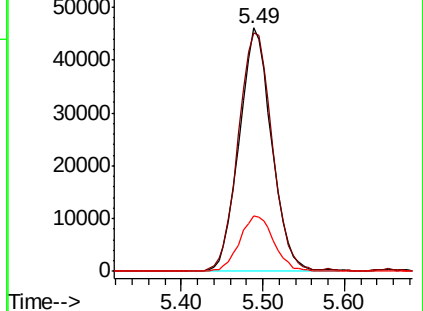
192 24.1 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.888 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

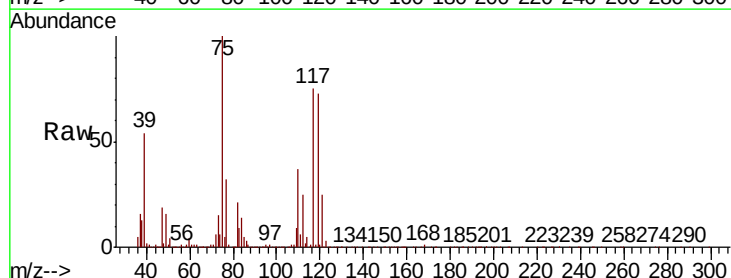
Tgt Ion: 75 Resp: 181996

Ion Ratio Lower Upper

75 100

110 37.6 19.4 58.1

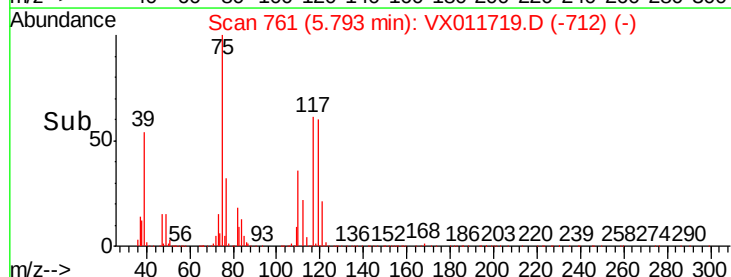
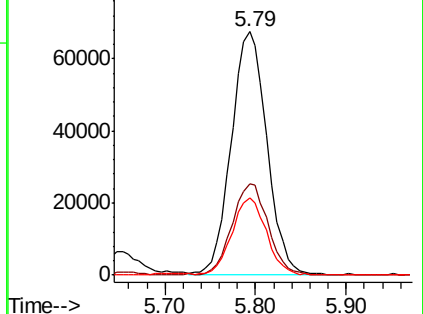
77 30.7 25.1 37.7

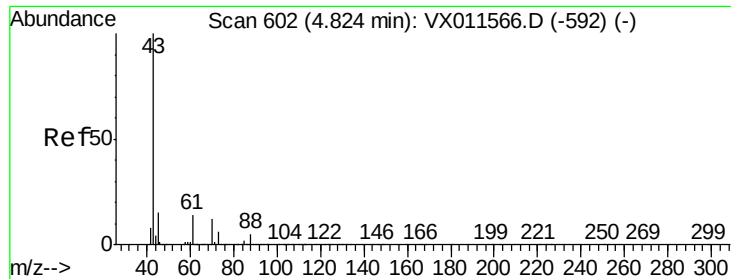


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

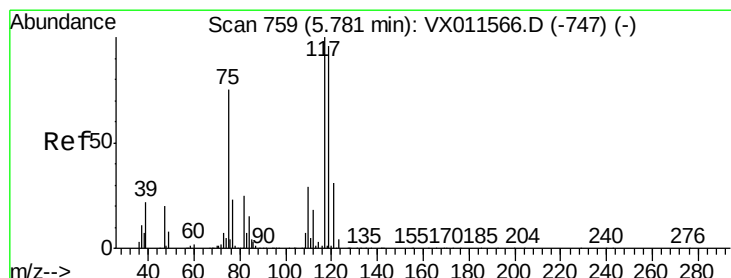
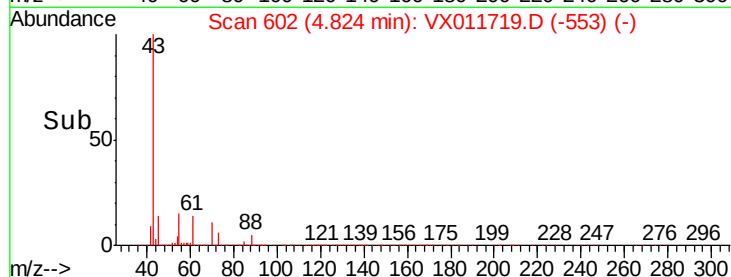
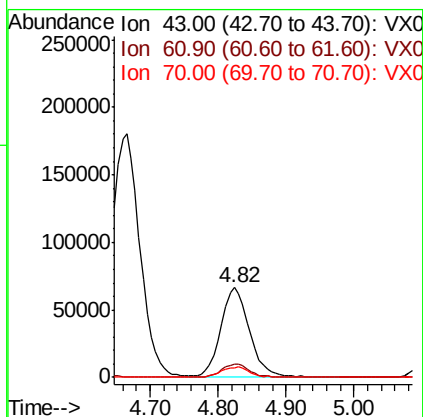
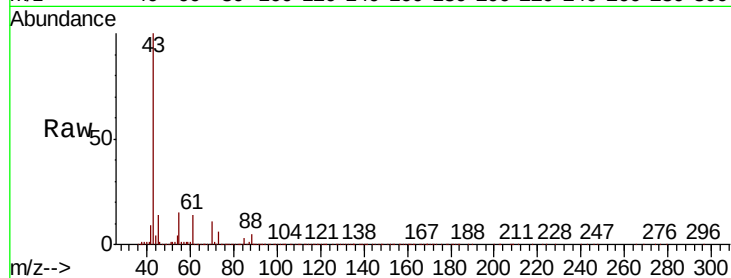




#37
Ethyl Acetate
Concen: 45.167 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

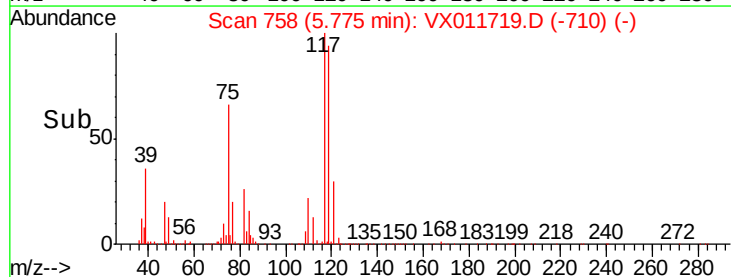
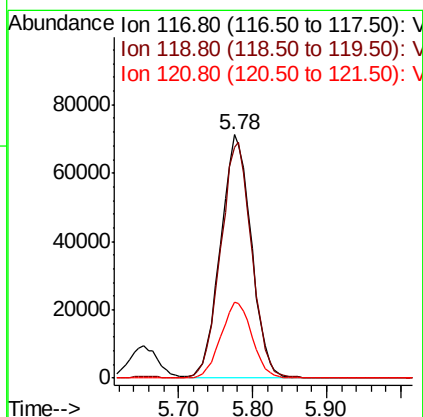
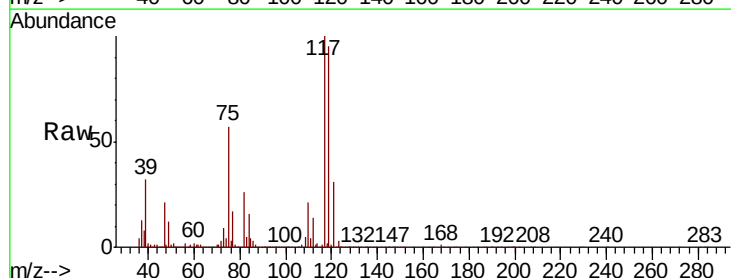
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

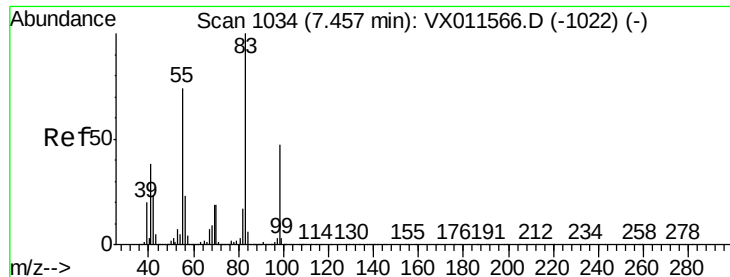
Tgt Ion: 43 Resp: 193398
Ion Ratio Lower Upper
43 100
61 13.7 11.4 17.0
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.909 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 117 Resp: 204700
Ion Ratio Lower Upper
117 100
119 94.4 76.9 115.3
121 30.8 24.8 37.2

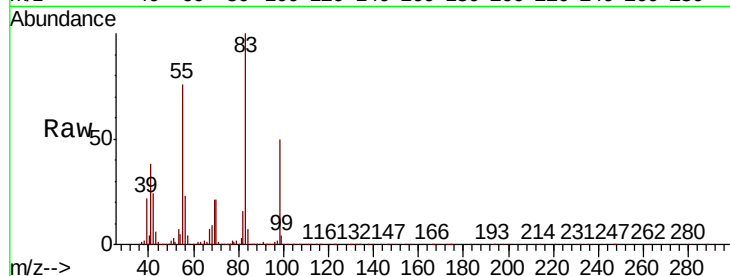




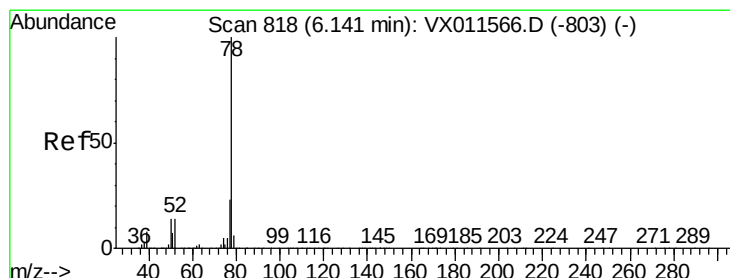
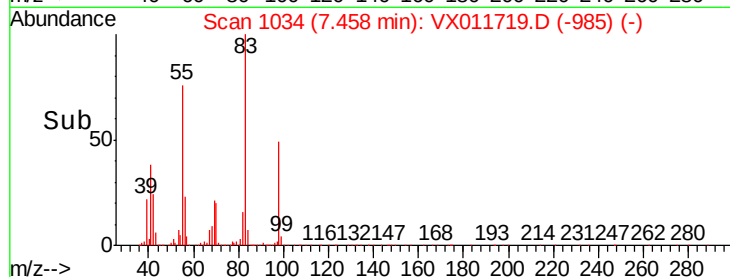
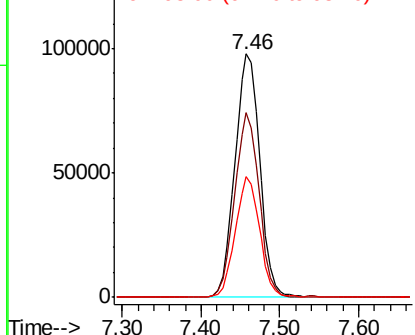
#39
Methylcyclohexane
Concen: 46.730 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 214833
Ion Ratio Lower Upper
83 100
55 76.0 58.8 88.2
98 49.5 37.8 56.6

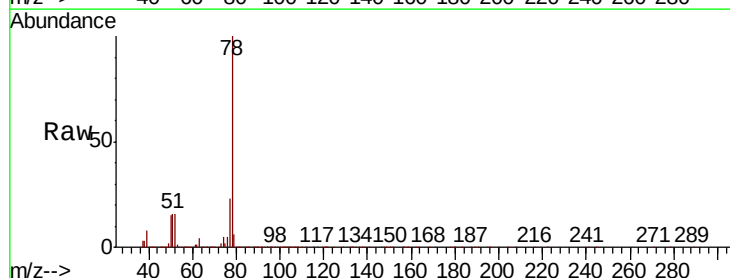


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

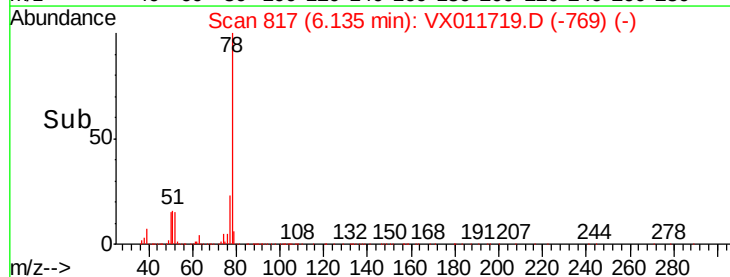
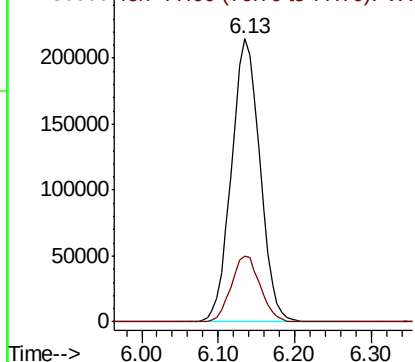


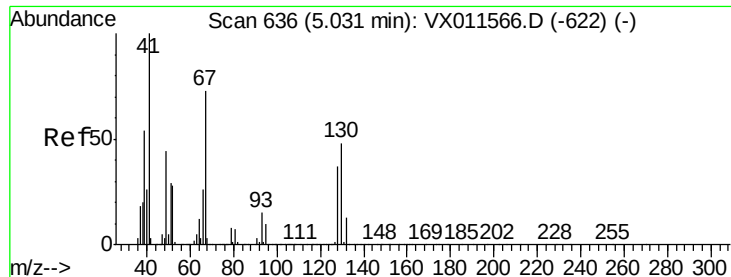
#40
Benzene
Concen: 47.876 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 78 Resp: 553864
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



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

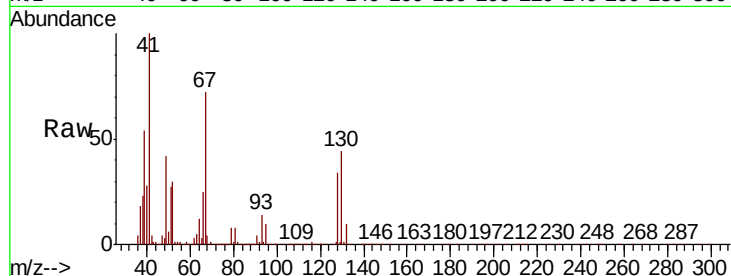




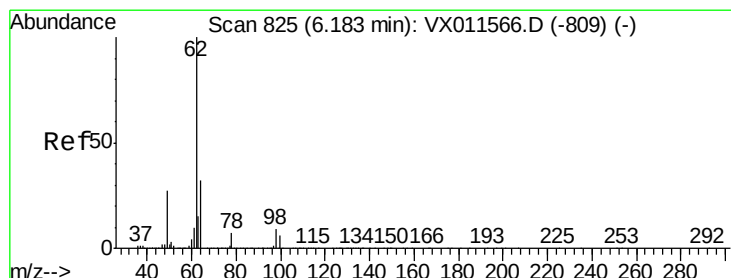
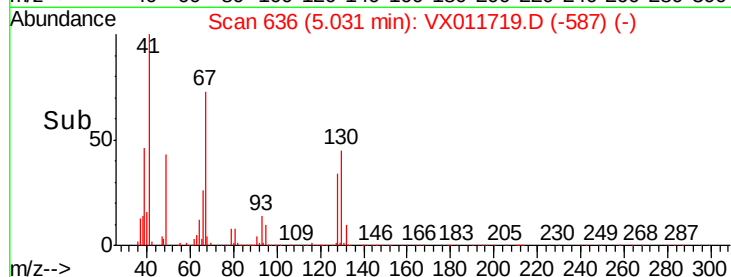
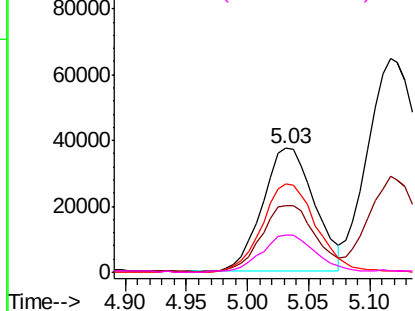
#41
Methacrylonitrile
Concen: 47.360 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	111609
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.5	65.3
67	74.1	59.4	89.2
52	32.6	23.4	35.2

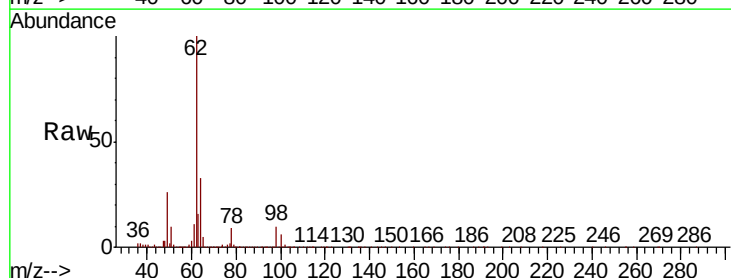


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

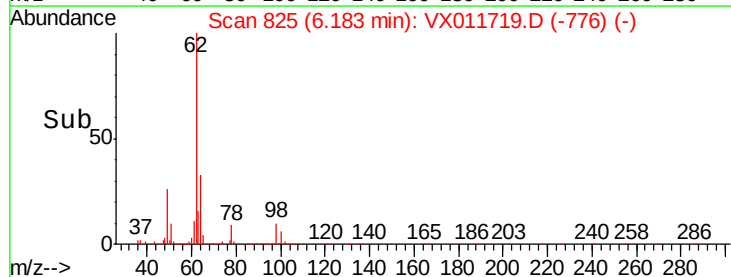
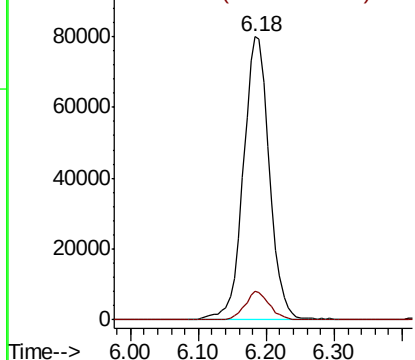


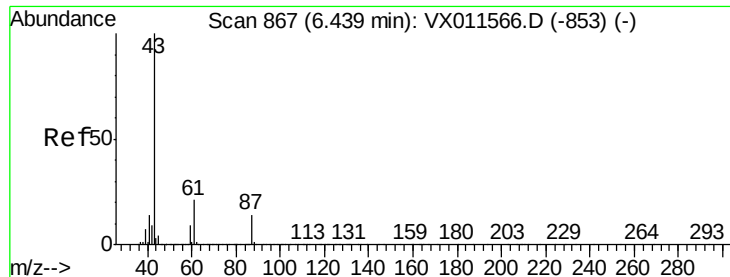
#42
1,2-Dichloroethane
Concen: 52.921 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion:	62	Resp:	212117
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 50.229 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

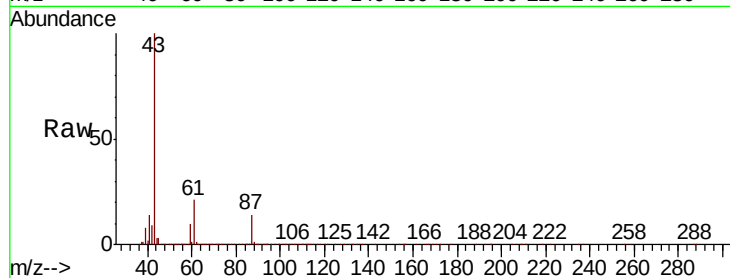
Tgt Ion: 43 Resp: 335650

Ion Ratio Lower Upper

43 100

61 20.6 16.6 24.8

87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

150000

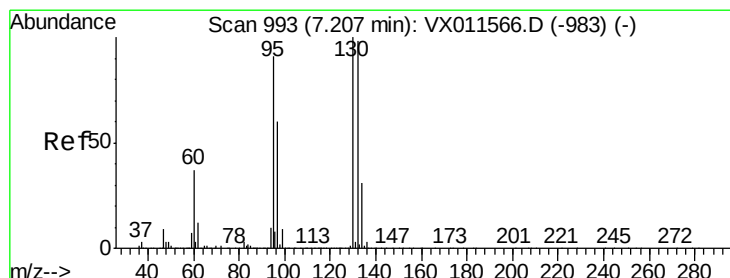
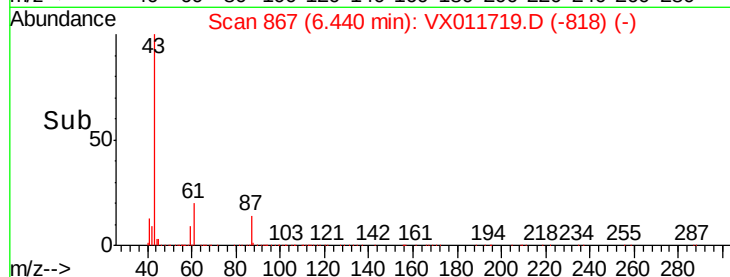
6.44

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 48.788 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011719.D

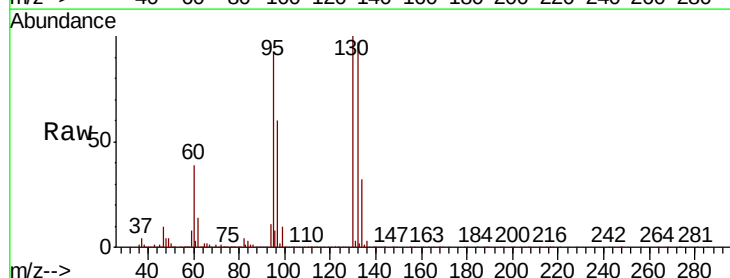
Acq: 21 Aug 2019 05:31

Tgt Ion: 130 Resp: 167436

Ion Ratio Lower Upper

130 100

95 92.6 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

80000

7.21

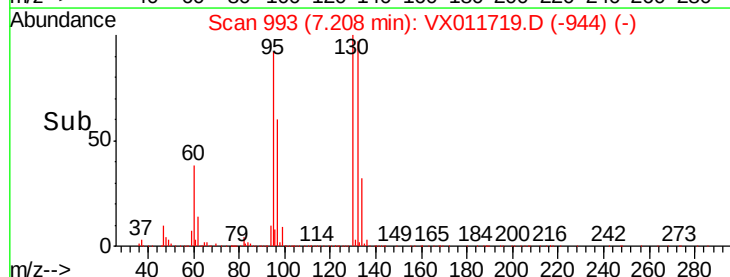
60000

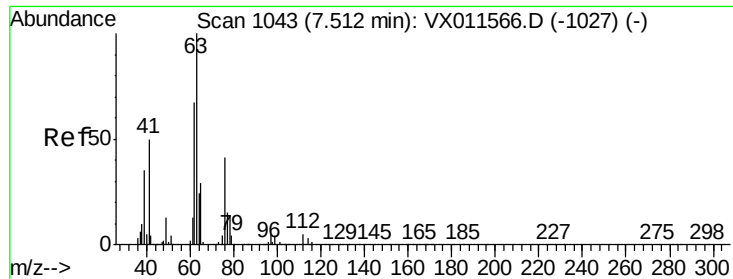
40000

20000

0

Time-->

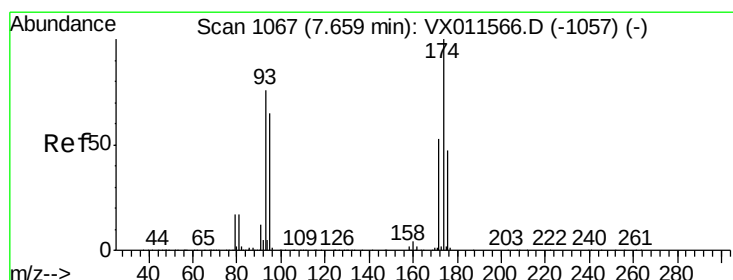
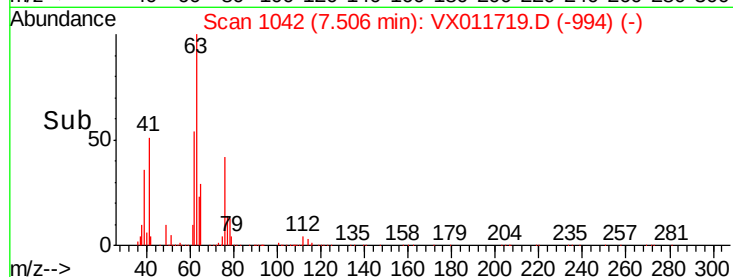
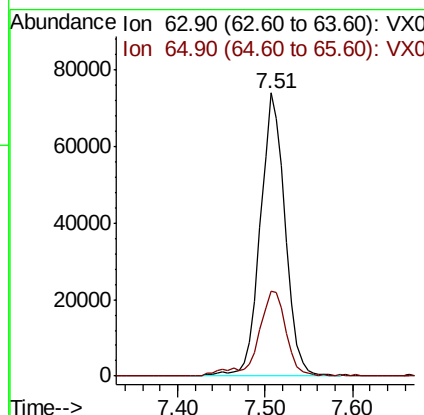
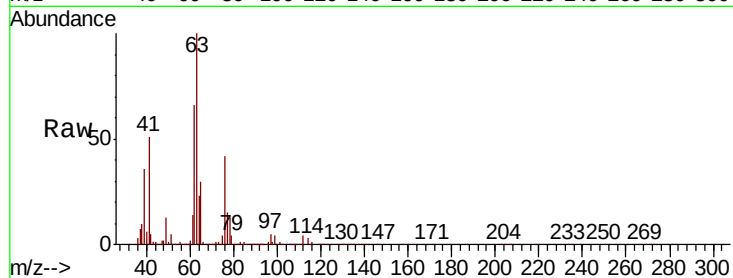




#45
 1,2-Dichloropropane
 Concen: 50.711 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

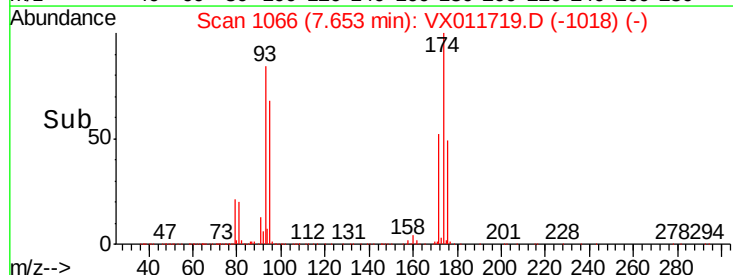
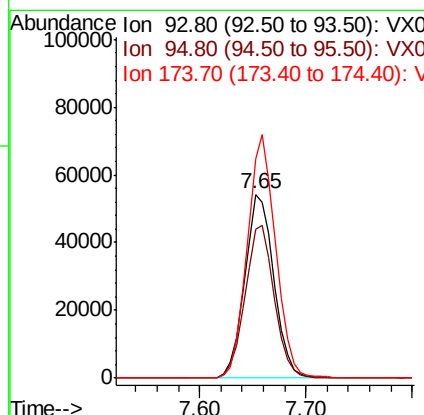
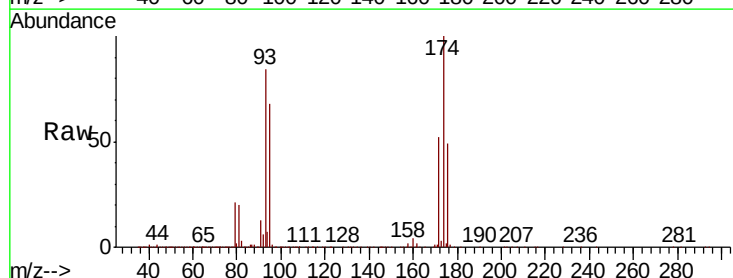
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

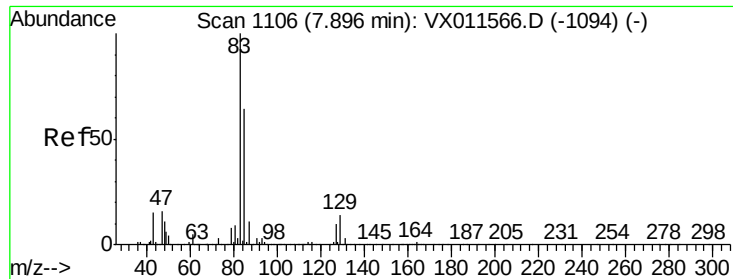
Tgt Ion: 63 Resp: 146308
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.4 35.2



#46
 Dibromomethane
 Concen: 49.574 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 93 Resp: 103938
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.2 100.8
 174 129.6 105.5 158.3





#47

Bromodichloromethane

Concen: 51.227 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

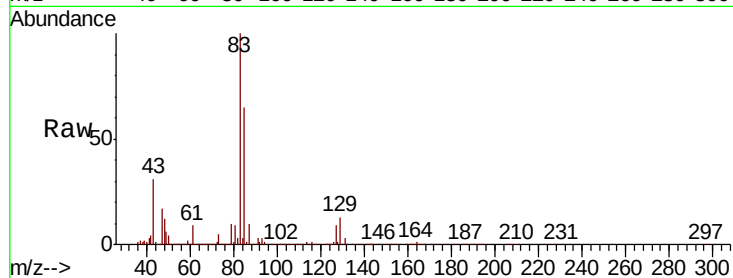
Tgt Ion: 83 Resp: 197204

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

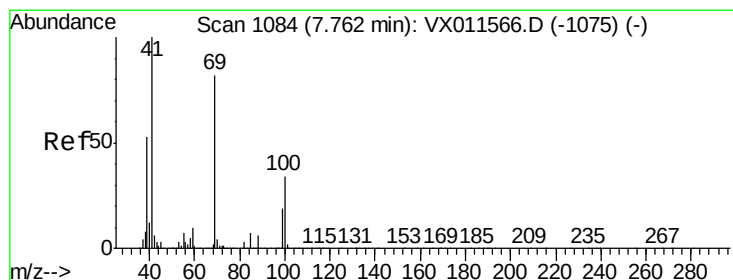
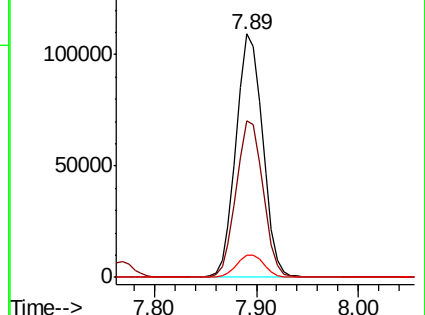
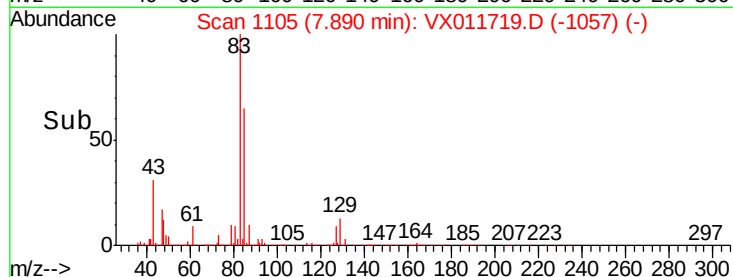
127 9.1 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.116 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

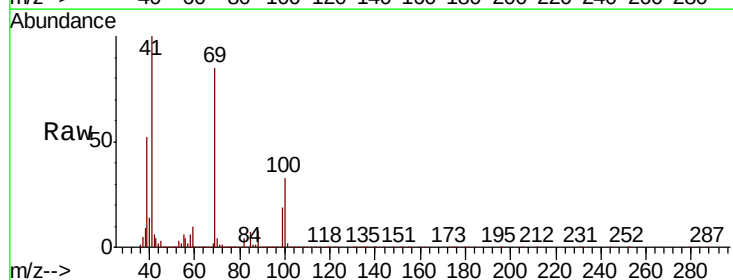
Tgt Ion: 41 Resp: 169151

Ion Ratio Lower Upper

41 100

69 86.2 67.9 101.9

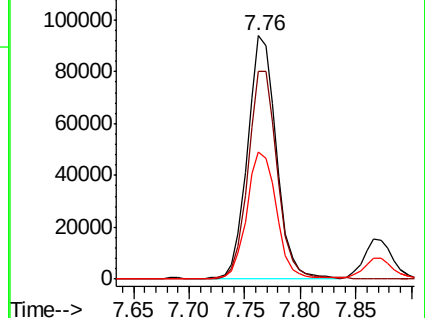
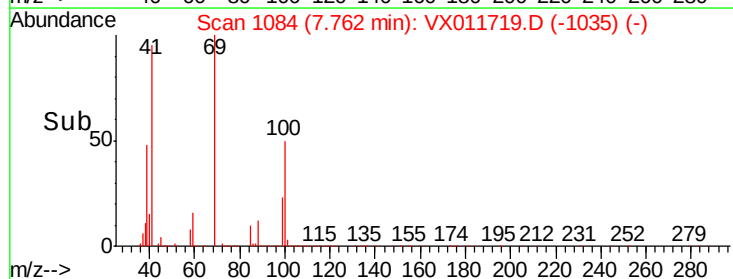
39 53.7 41.6 62.4

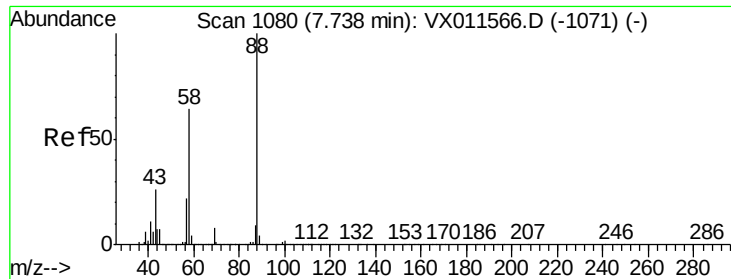


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

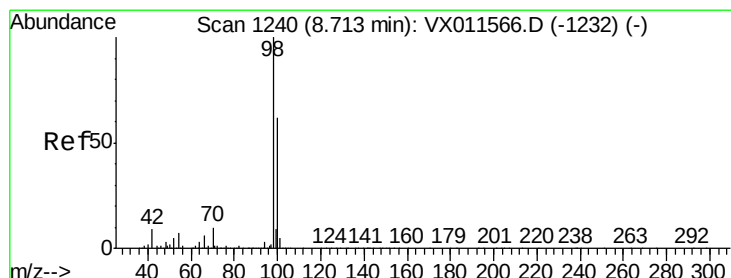
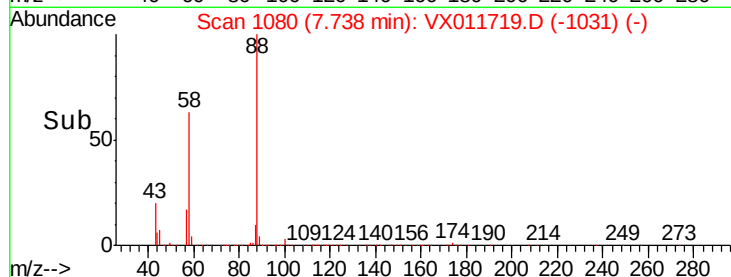
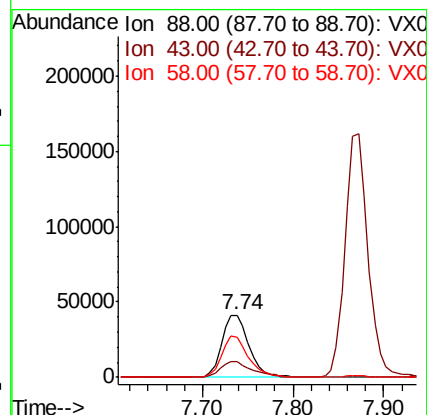
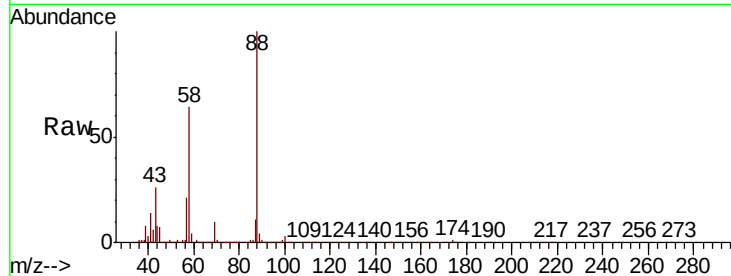




#49
1,4-Dioxane
Concen: 977.710 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

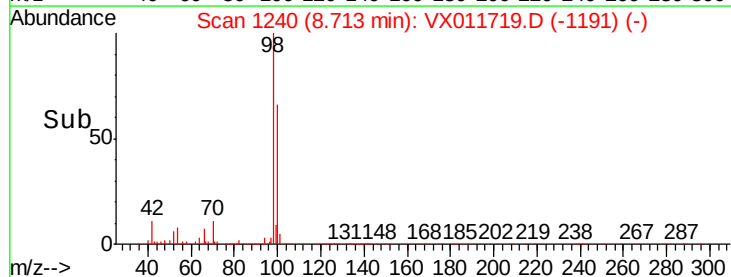
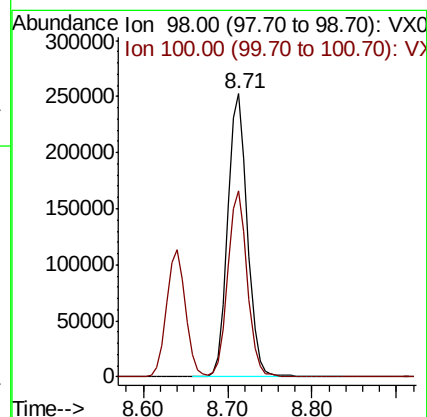
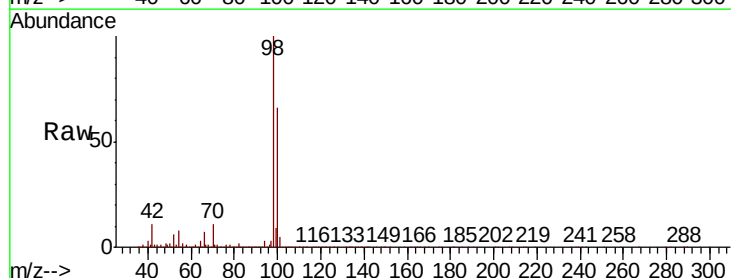
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

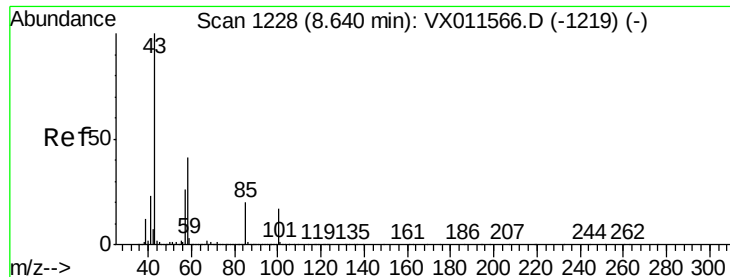
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.4	35.0
58	66.2	54.3	81.5



#50
Toluene-d8
Concen: 45.193 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 248.326 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

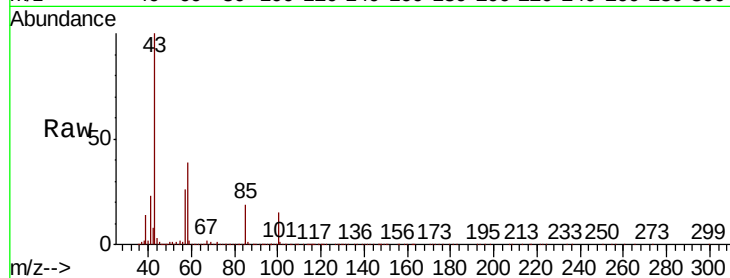
VSTDCCC050EC

Tgt Ion: 43 Resp: 1086148

Ion Ratio Lower Upper

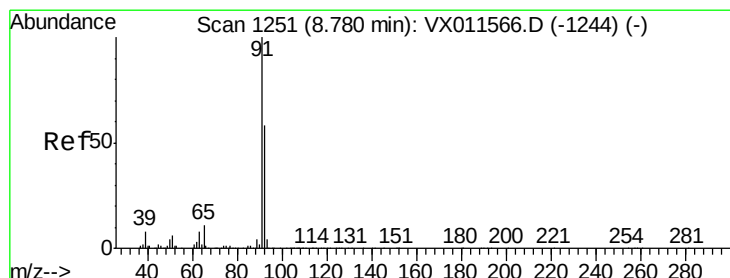
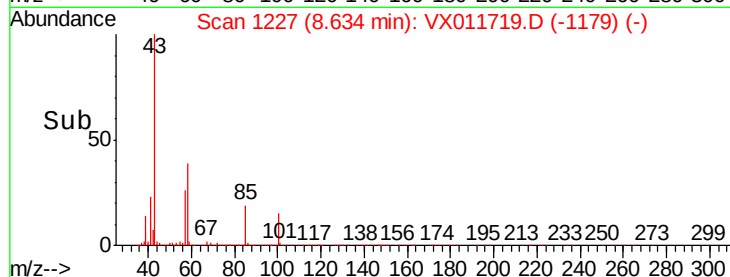
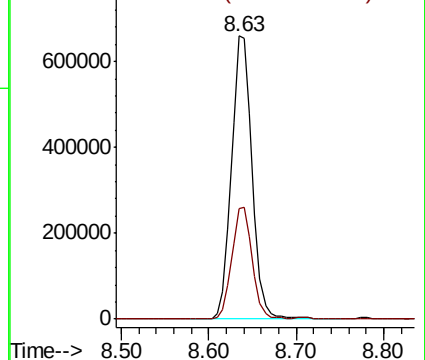
43 100

58 39.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.917 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011719.D

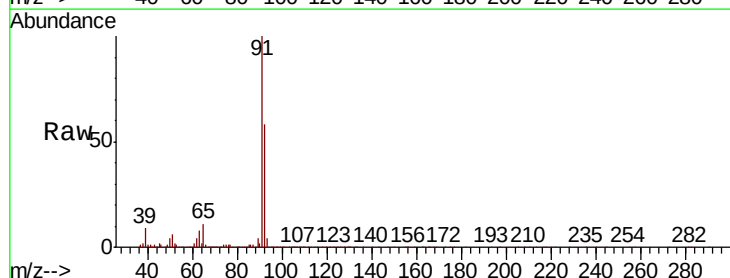
Acq: 21 Aug 2019 05:31

Tgt Ion: 92 Resp: 345793

Ion Ratio Lower Upper

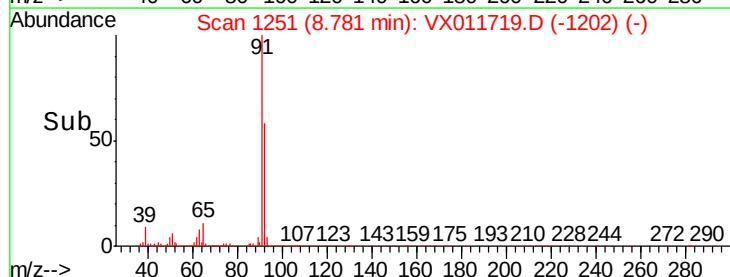
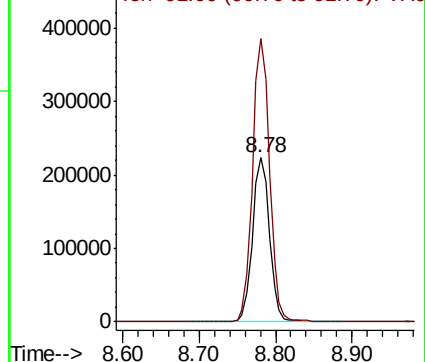
92 100

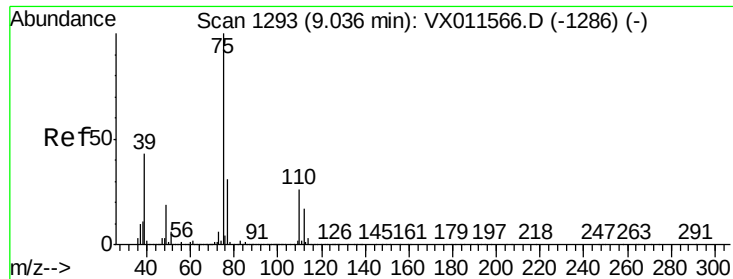
91 172.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

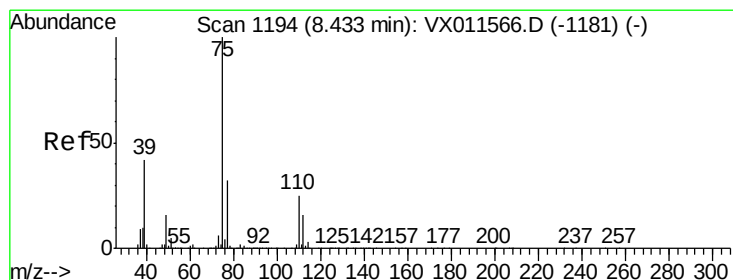
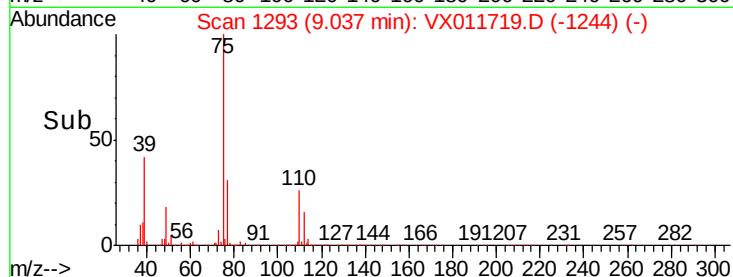
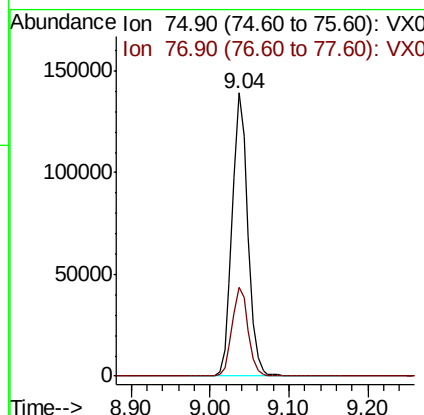
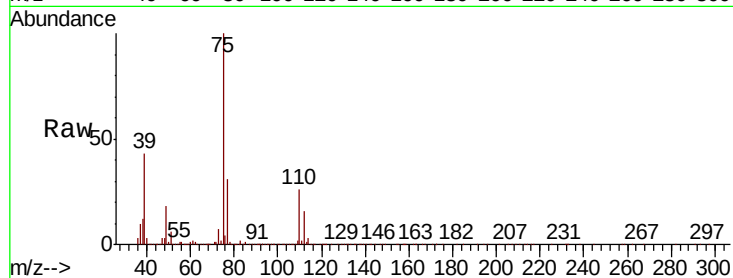




#53
 t-1,3-Dichloropropene
 Concen: 48.542 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

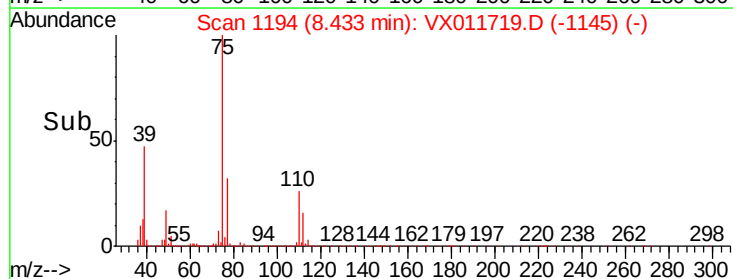
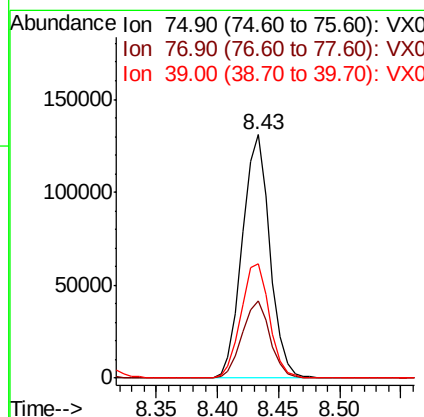
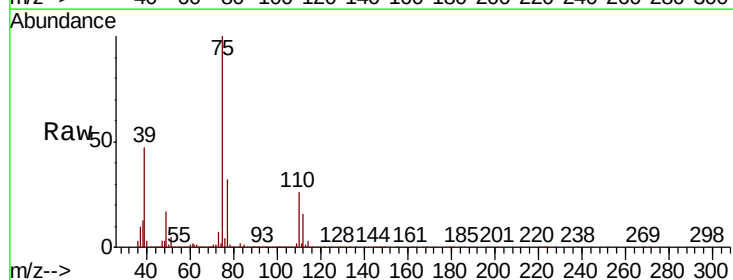
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

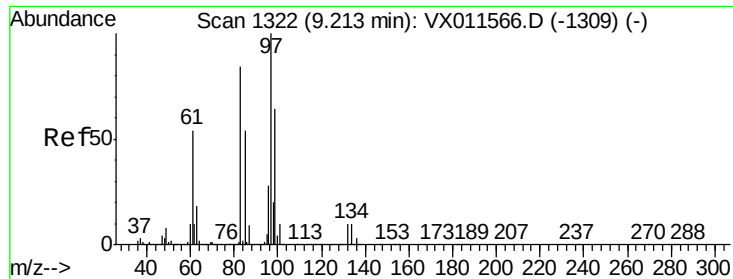
Tgt Ion: 75 Resp: 193940
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 46.714 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 75 Resp: 204249
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 46.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.510 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 158309

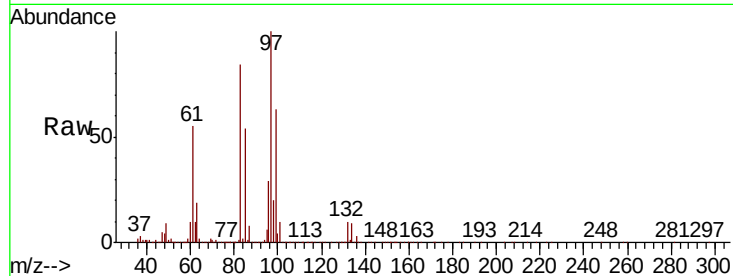
Ion Ratio Lower Upper

97 100

83 83.4 67.4 101.0

85 54.1 43.4 65.2

99 63.1 51.1 76.7

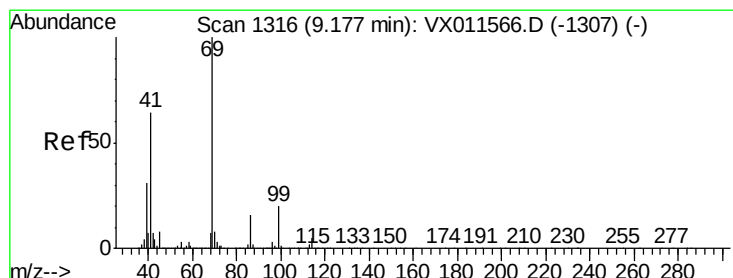
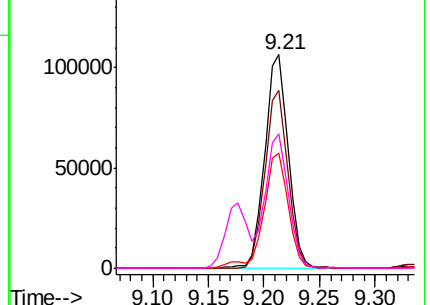
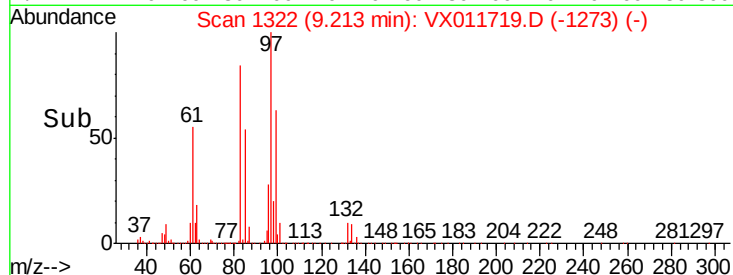


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.267 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

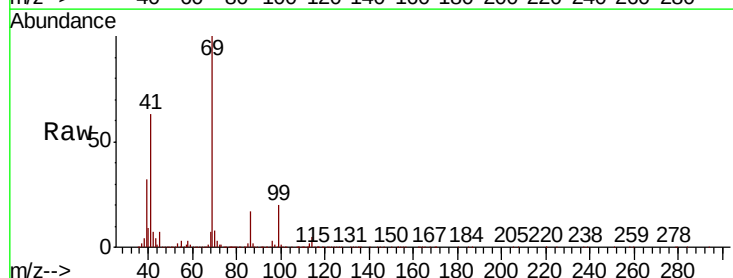
Tgt Ion: 69 Resp: 233542

Ion Ratio Lower Upper

69 100

41 64.4 52.1 78.1

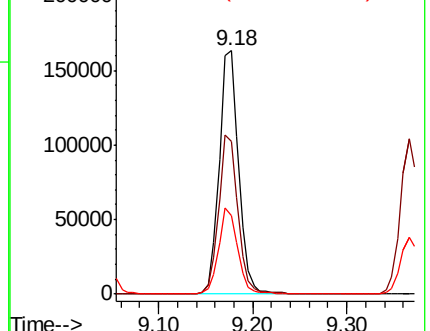
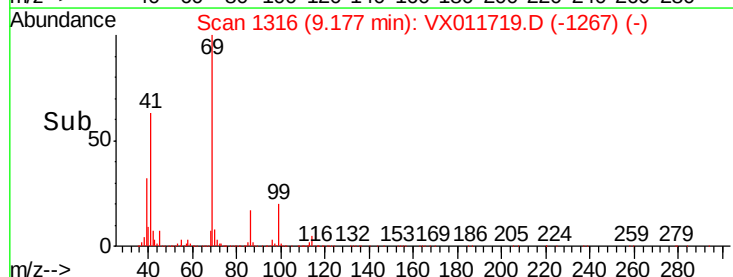
39 34.4 25.4 38.0

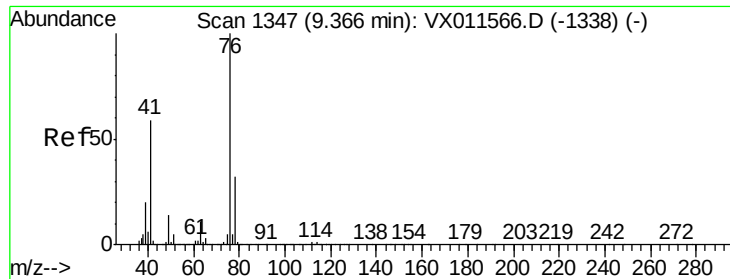


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

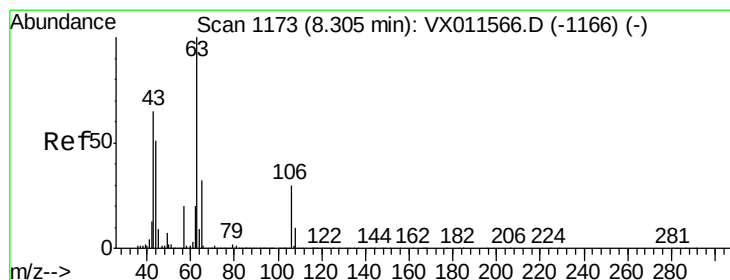
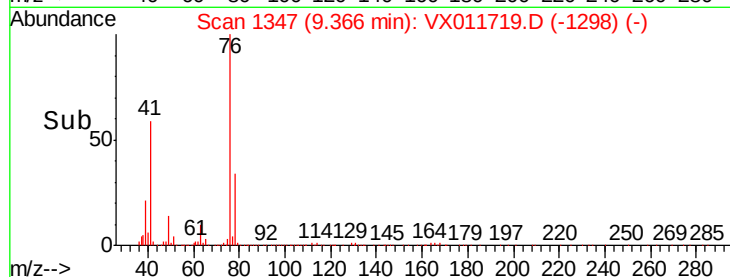
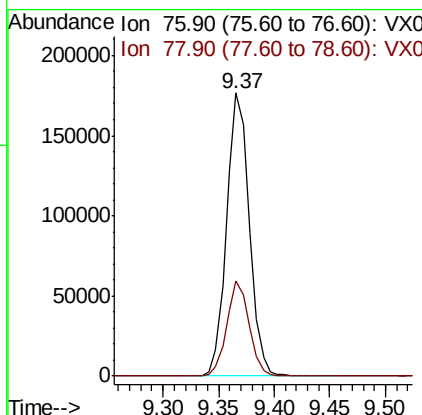
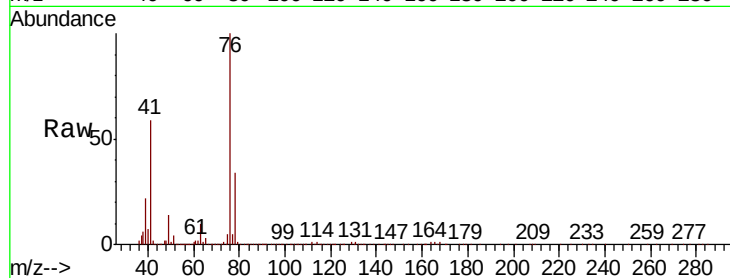




#57
 1,3-Dichloropropane
 Concen: 49.955 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

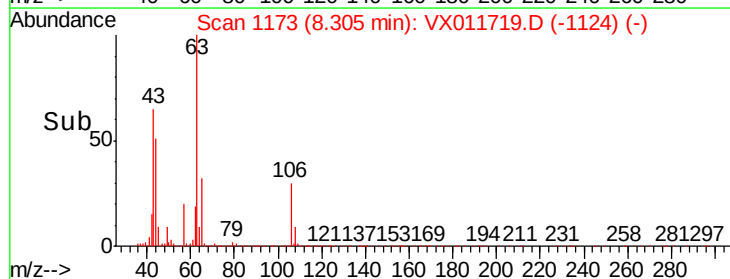
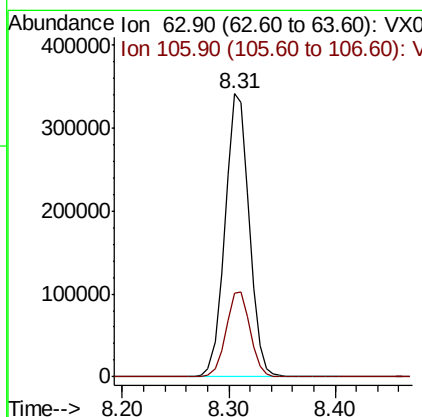
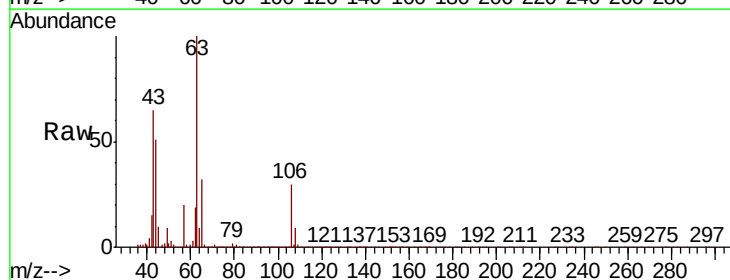
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

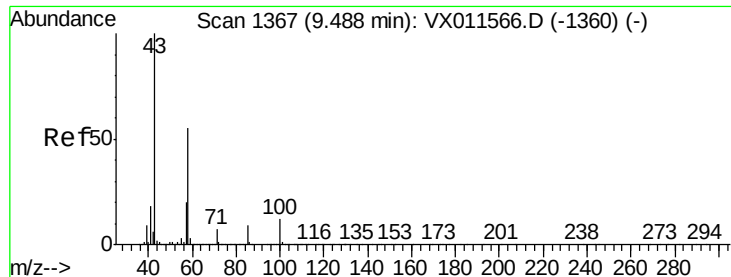
Tgt Ion: 76 Resp: 248880
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.806 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 63 Resp: 539770
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.7 37.1

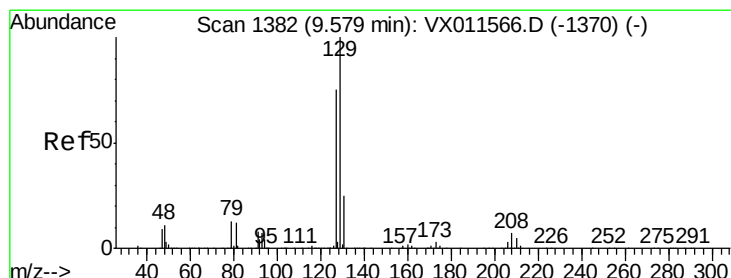
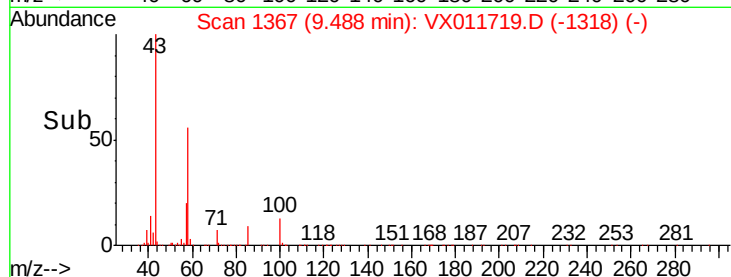
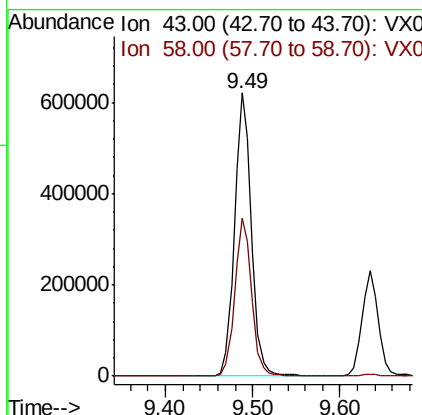
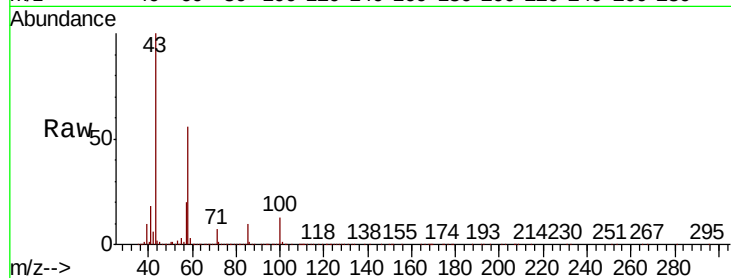




#59
2-Hexanone
Concen: 248.270 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

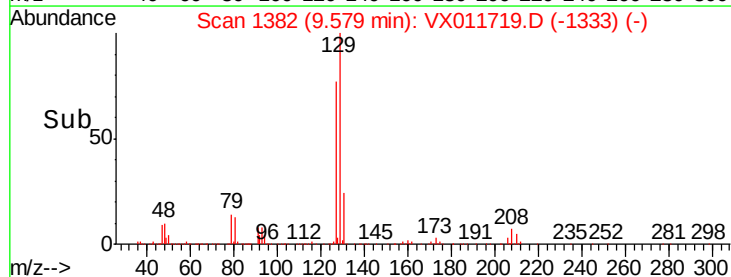
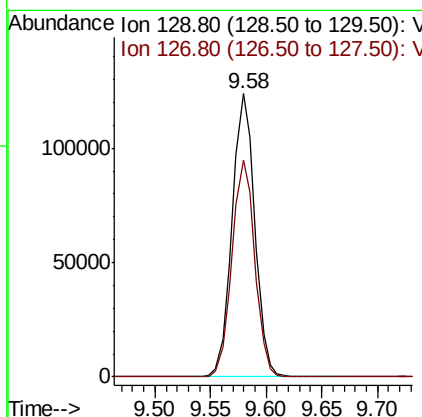
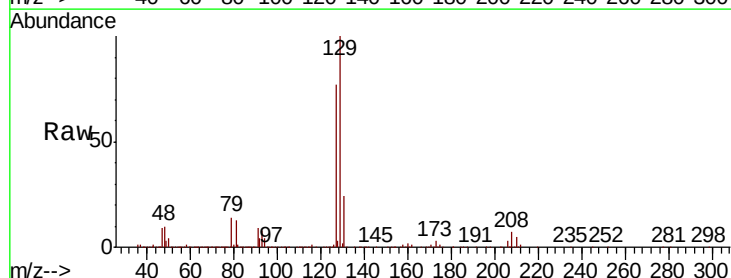
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

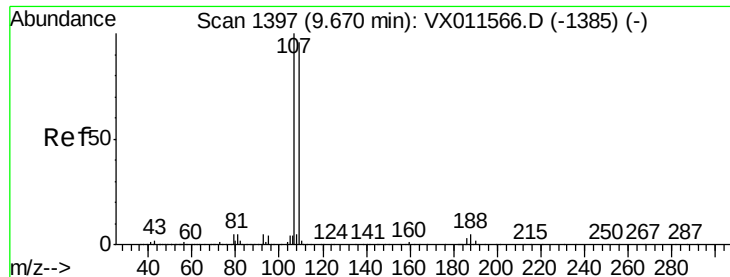
Tgt Ion: 43 Resp: 837400
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.4



#60
Dibromochloromethane
Concen: 53.562 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 129 Resp: 174910
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.1

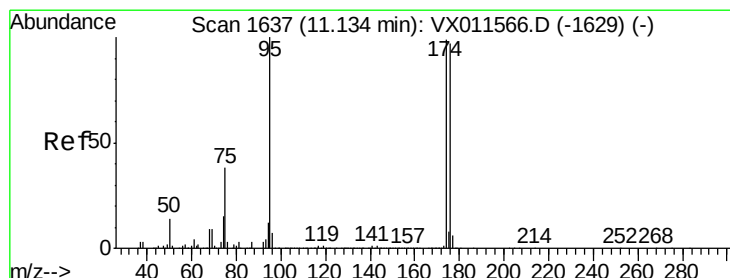
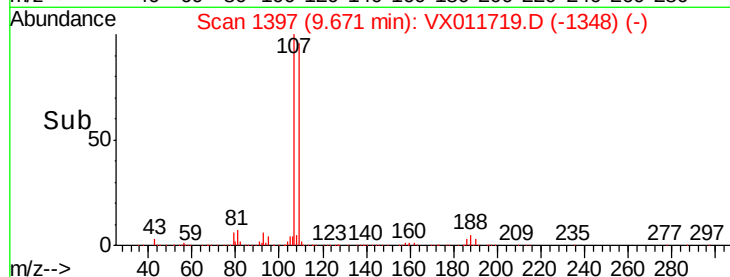
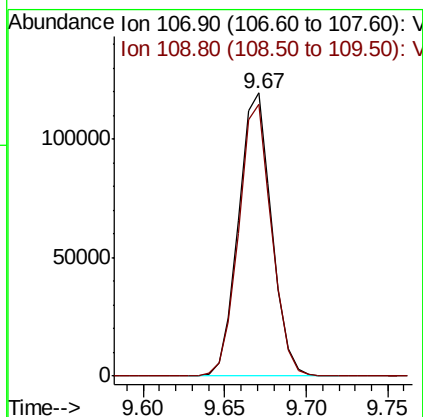
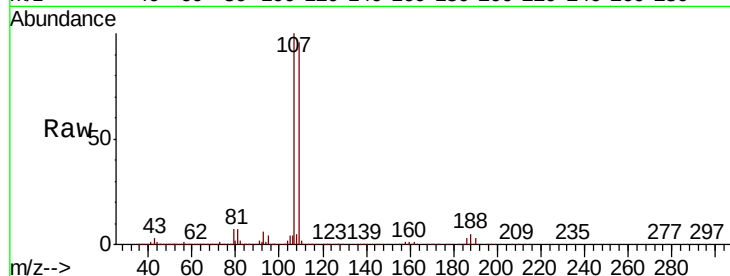




#61
 1,2-Dibromoethane
 Concen: 50.359 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

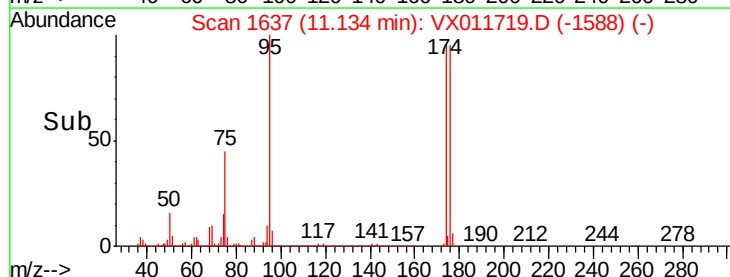
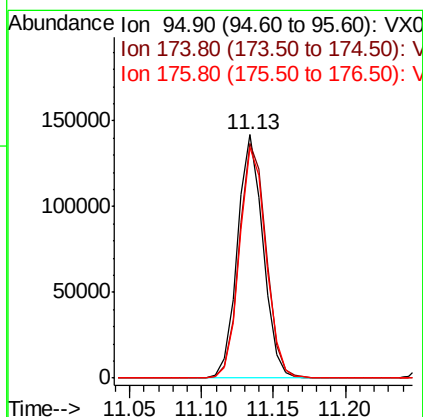
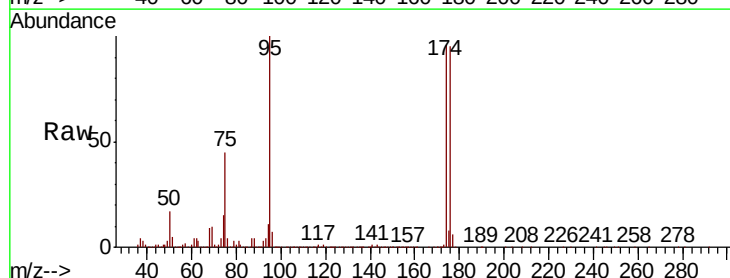
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

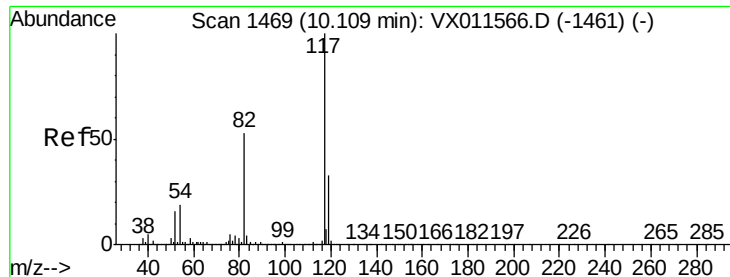
Tgt Ion: 107 Resp: 168450
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 46.988 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 95 Resp: 175992
 Ion Ratio Lower Upper
 95 100
 174 100.1 0.0 200.6
 176 97.5 0.0 196.6

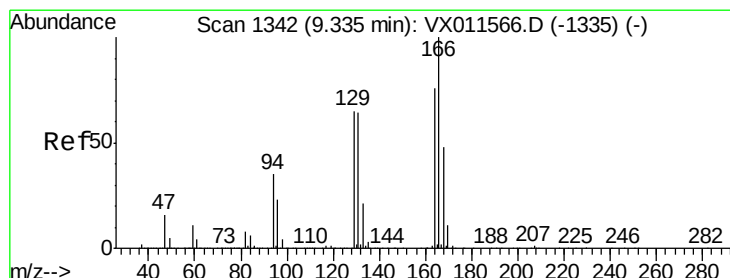
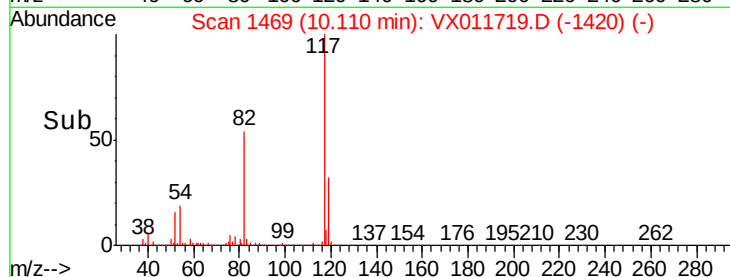
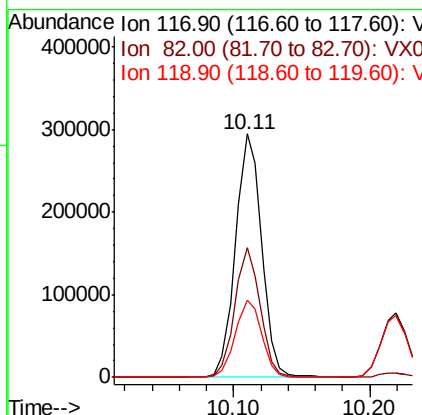
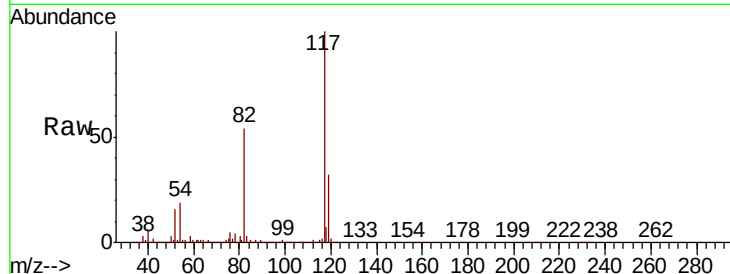




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

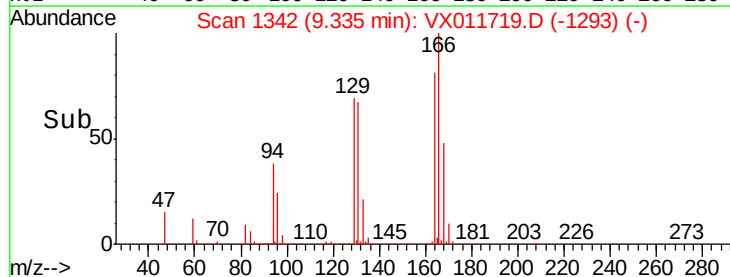
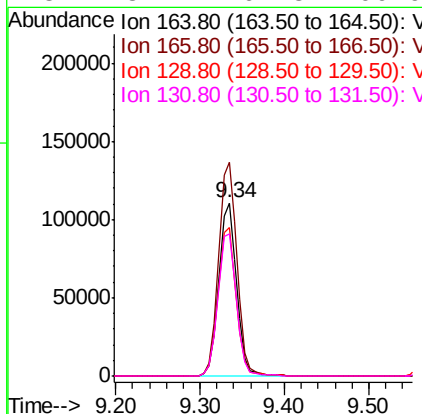
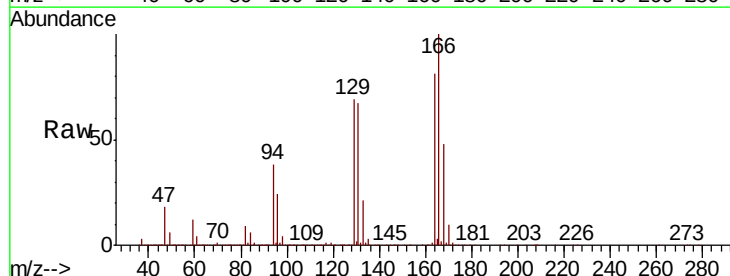
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

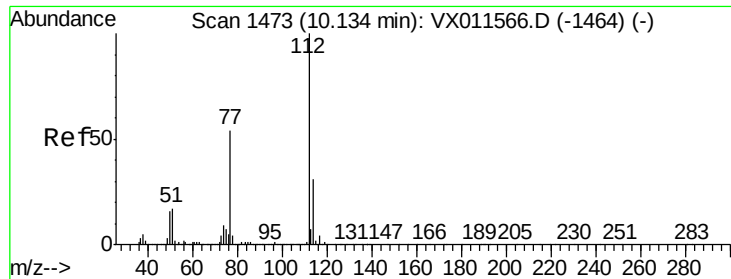
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.0	63.0
119	31.9	26.5	39.7



#64
Tetrachloroethene
Concen: 50.545 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	104.7	157.1
129	85.2	68.2	102.4
131	82.2	67.3	100.9

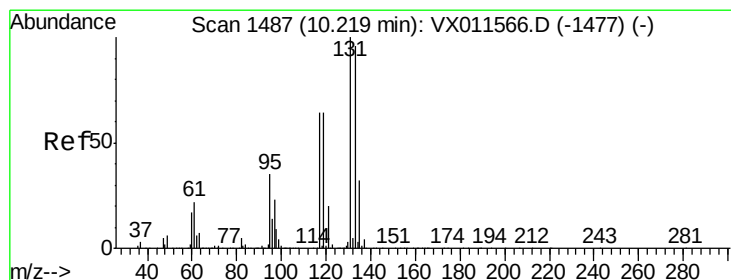
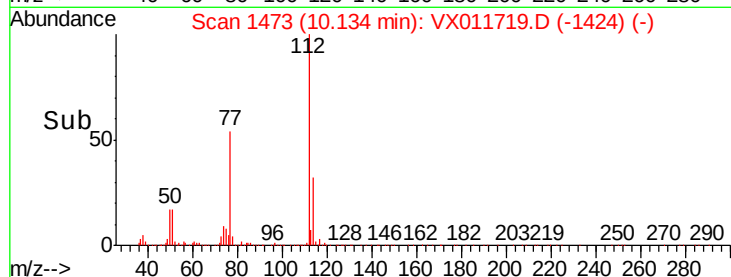
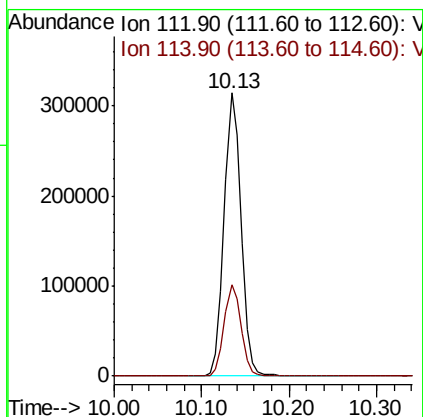
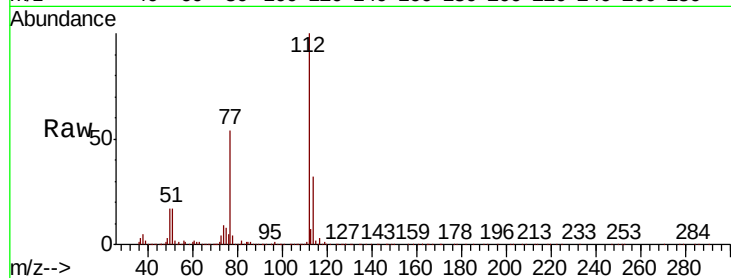




#65
Chlorobenzene
Concen: 50.146 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

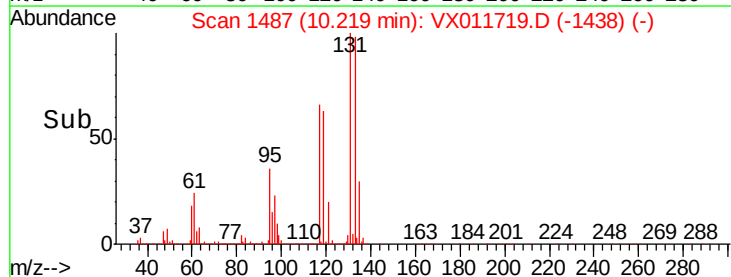
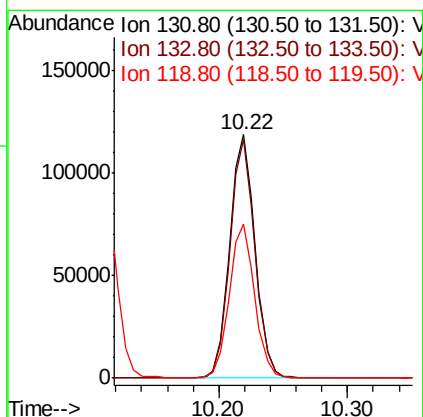
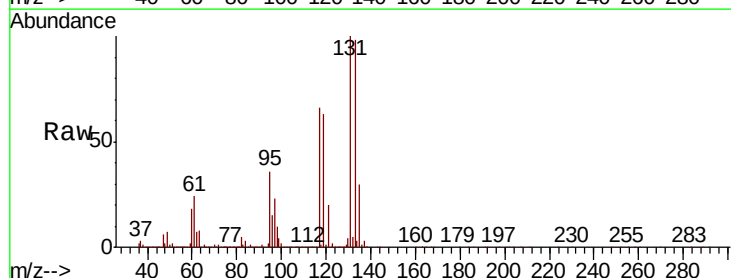
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

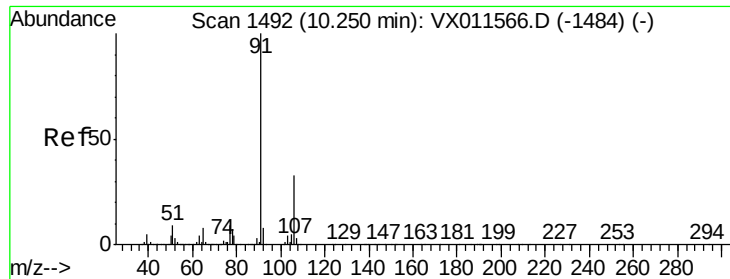
Tgt Ion:112 Resp: 421355
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.152 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion:131 Resp: 163788
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 62.8 31.3 93.8

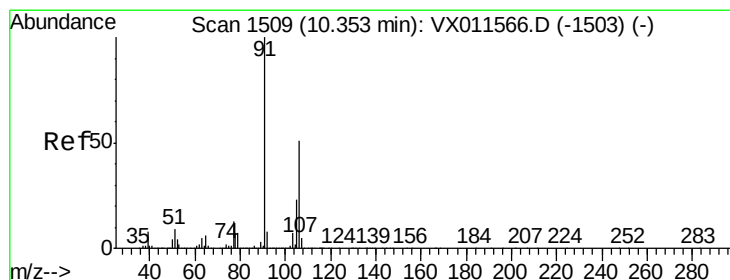
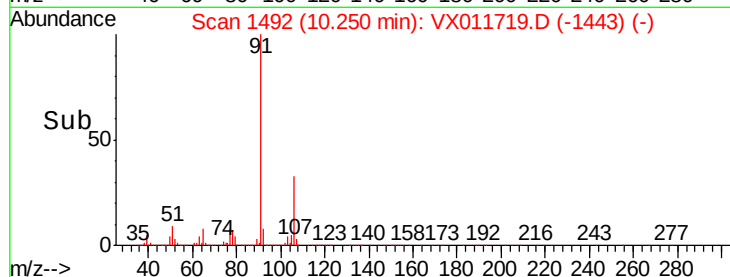
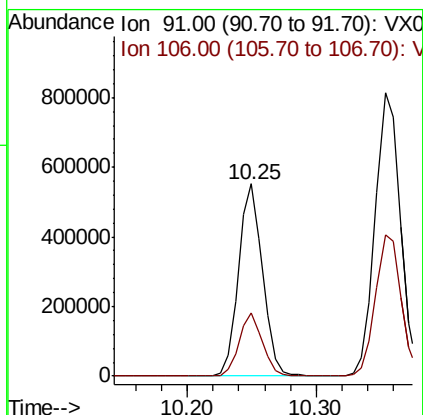
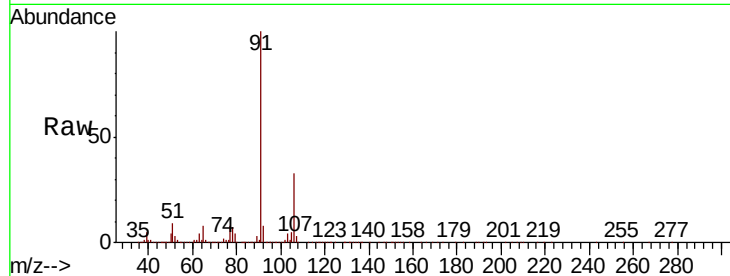




#67
Ethyl Benzene
Concen: 50.848 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

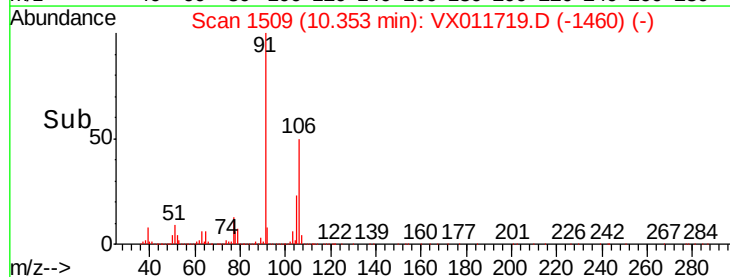
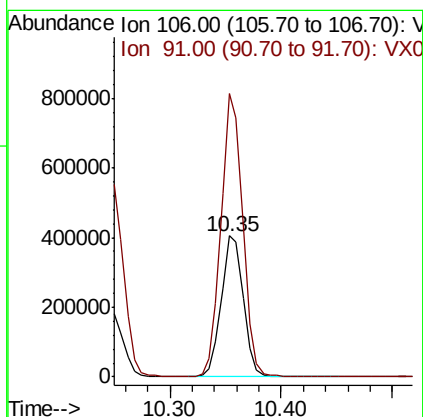
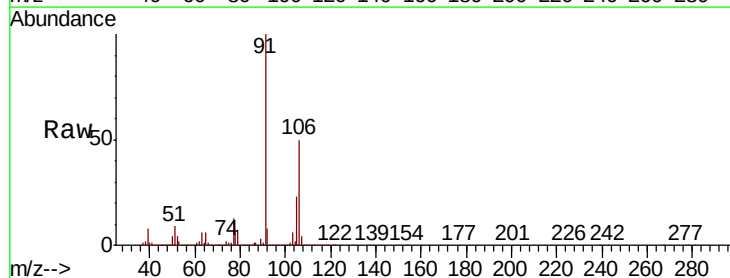
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

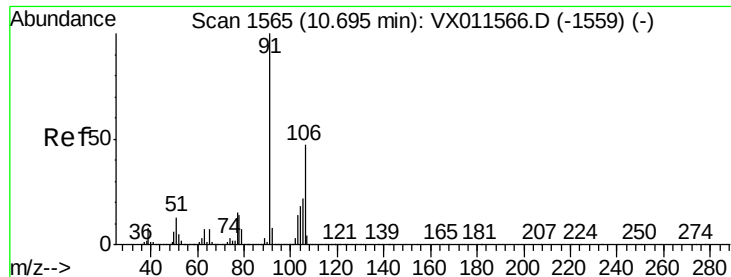
Tgt Ion: 91 Resp: 713051
Ion Ratio Lower Upper
91 100
106 32.8 26.0 39.0



#68
m/p-Xylenes
Concen: 102.985 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 106 Resp: 554354
Ion Ratio Lower Upper
106 100
91 198.2 156.0 234.0

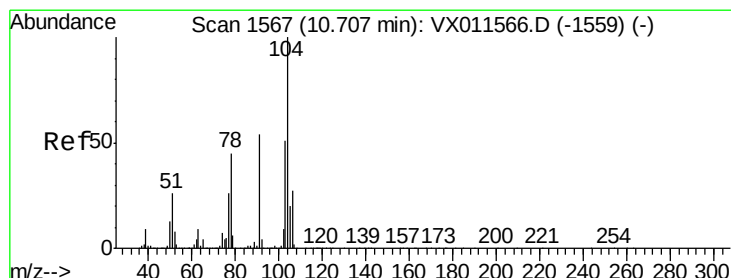
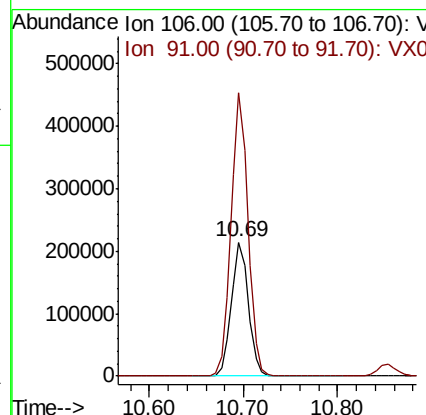
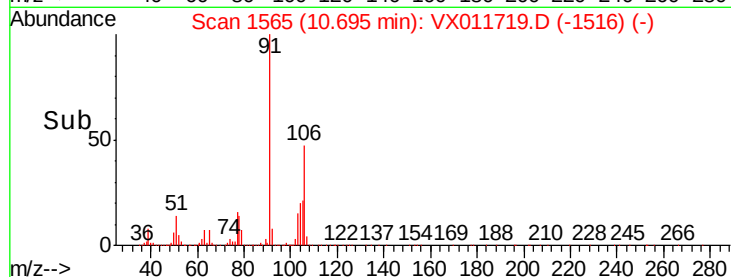
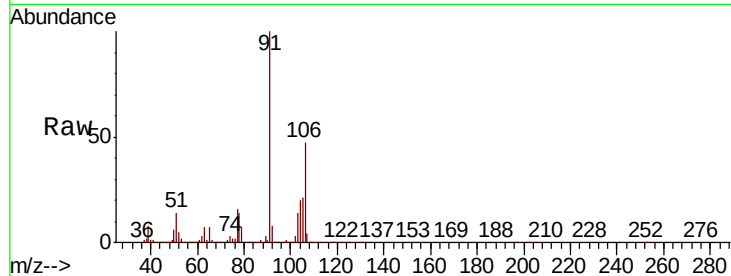




#69
o-Xylene
Concen: 51.099 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

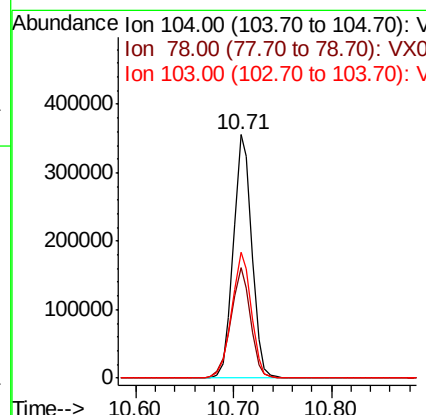
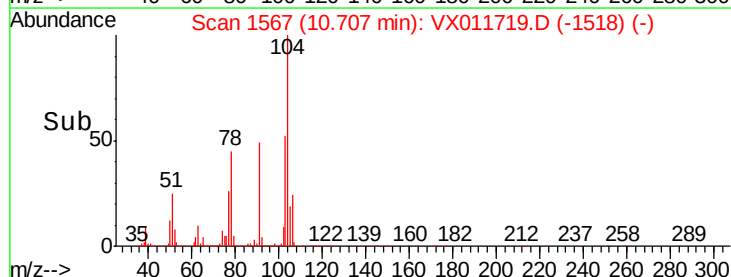
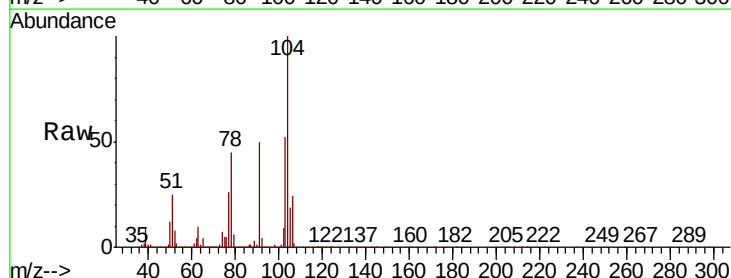
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

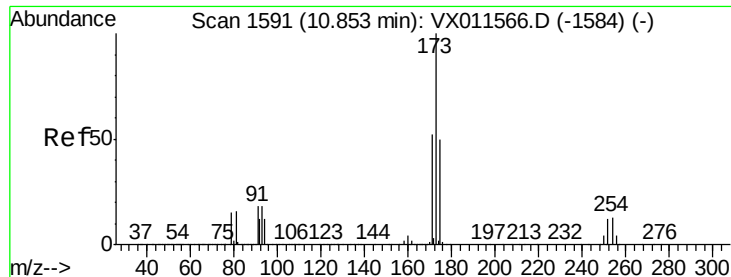
Tgt Ion:106 Resp: 269429
Ion Ratio Lower Upper
106 100
91 210.3 105.5 316.4



#70
Styrene
Concen: 52.481 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion:104 Resp: 465830
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 46.402 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

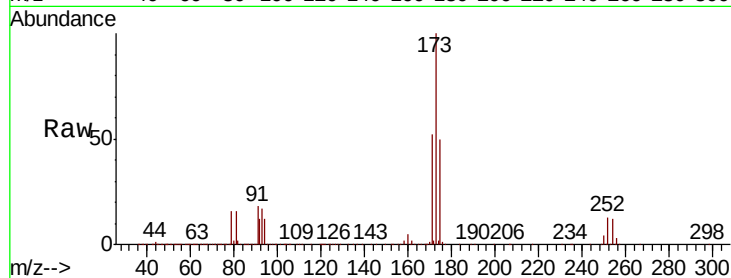
Tgt Ion:173 Resp: 140843

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.7

254 0.3 0.1 0.1#

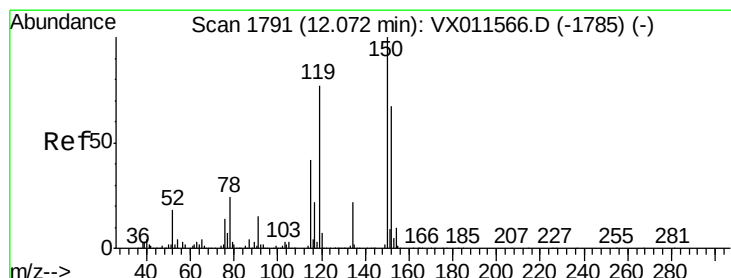
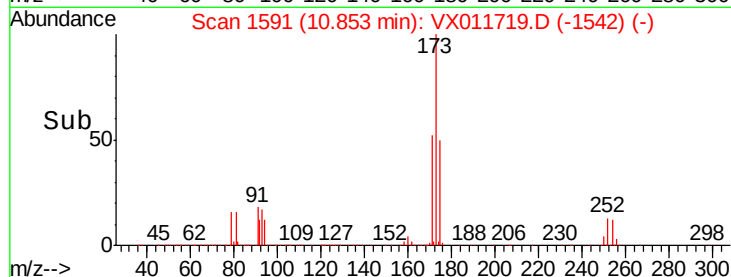
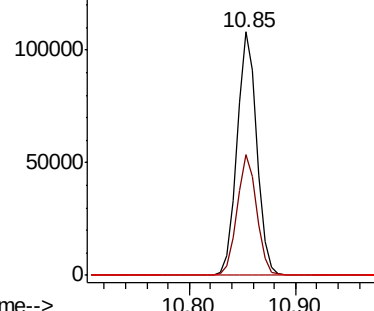


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

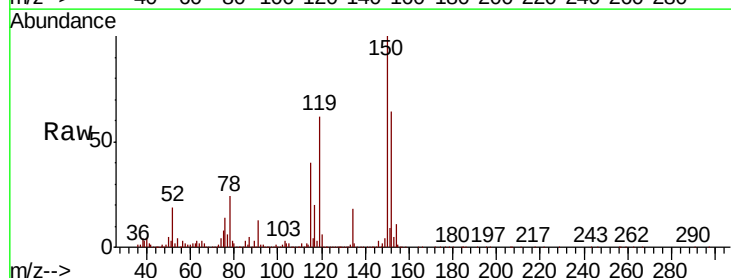
Tgt Ion:152 Resp: 209201

Ion Ratio Lower Upper

152 100

115 77.5 37.3 111.9

150 172.8 0.0 346.2

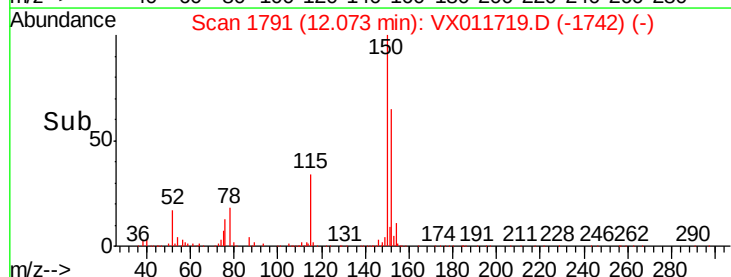
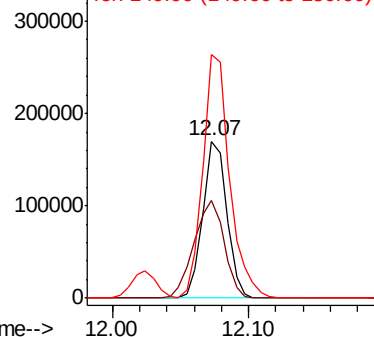


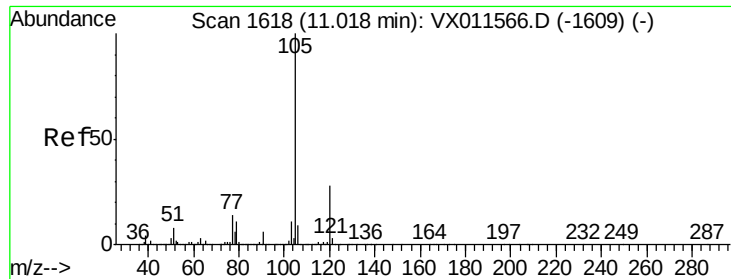
Abundance

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: 53.656 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

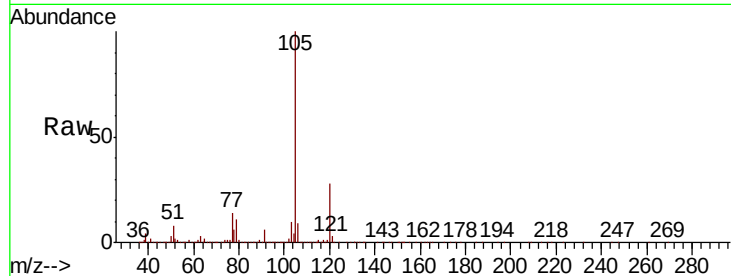
VSTDCCC050EC

Tgt Ion: 105 Resp: 728363

Ion Ratio Lower Upper

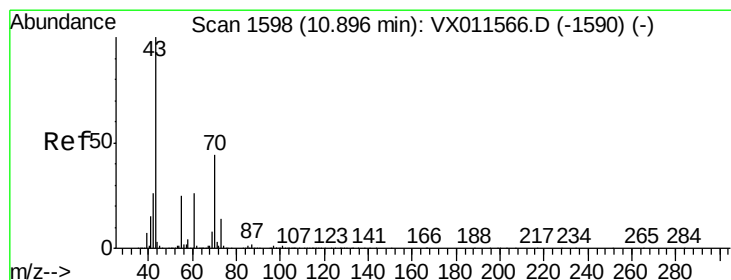
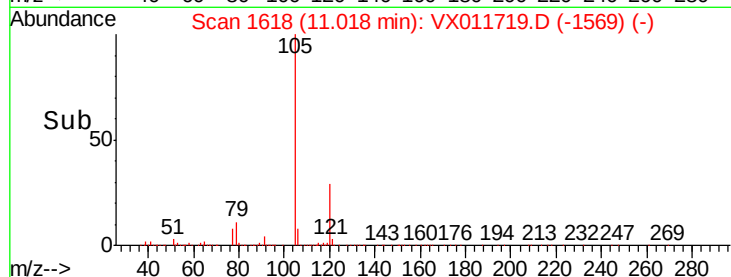
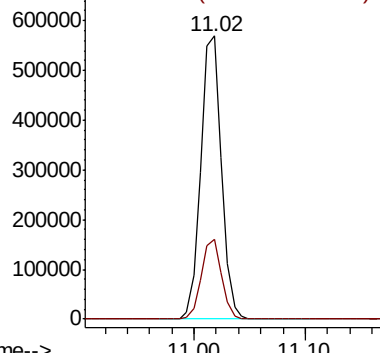
105 100

120 27.7 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.667 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Tgt Ion: 43 Resp: 298055

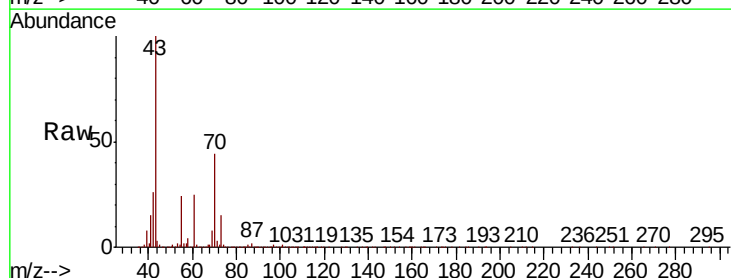
Ion Ratio Lower Upper

43 100

70 43.7 34.7 52.1

55 24.6 19.6 29.4

61 24.7 19.9 29.9

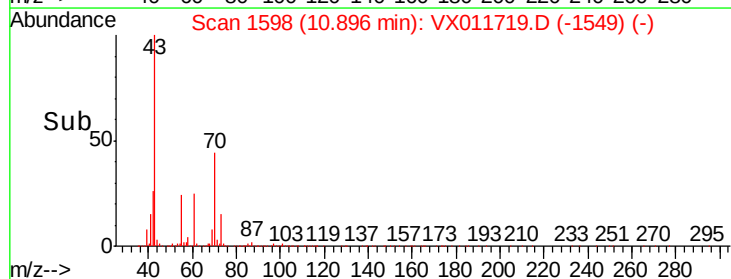
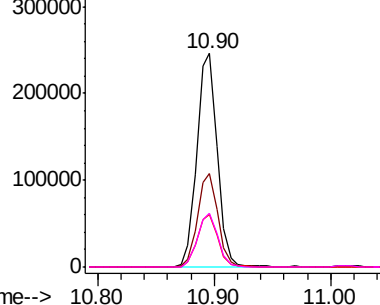


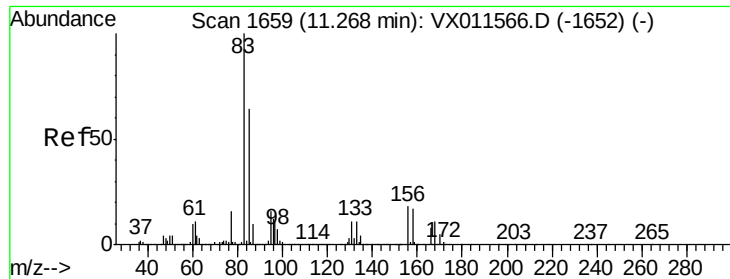
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.120 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

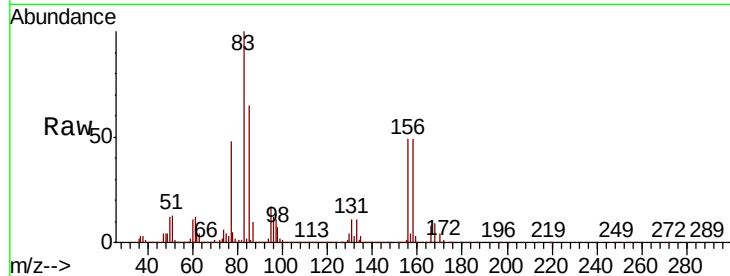
Tgt Ion: 83 Resp: 243388

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.3

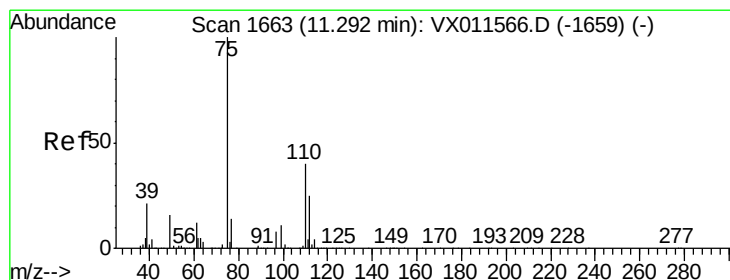
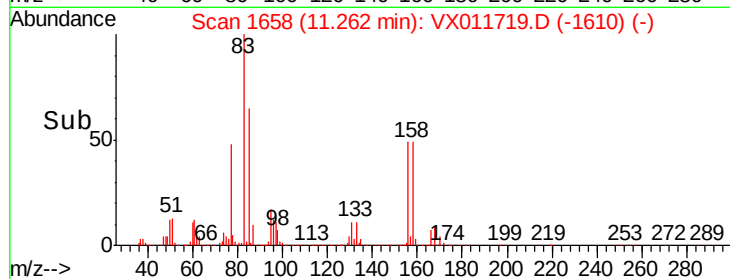
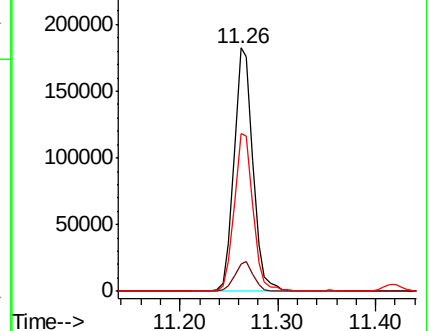
85 64.8 31.9 95.9



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: 65.749 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011719.D

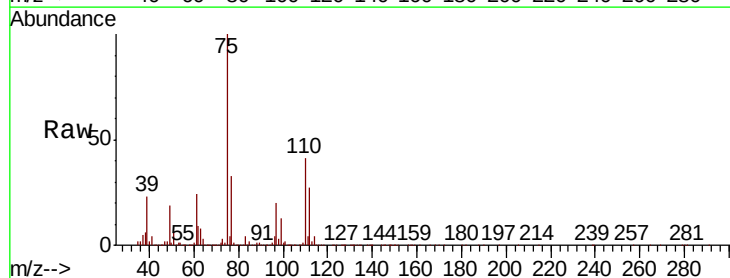
Acq: 21 Aug 2019 05:31

Tgt Ion: 75 Resp: 260821

Ion Ratio Lower Upper

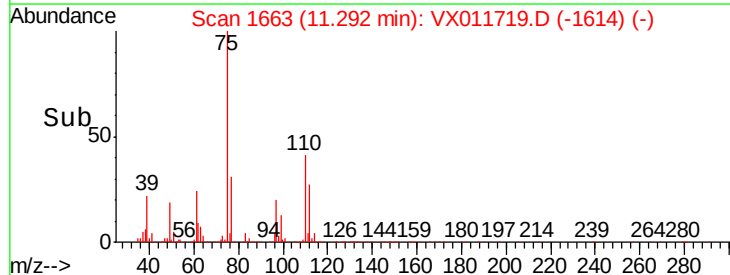
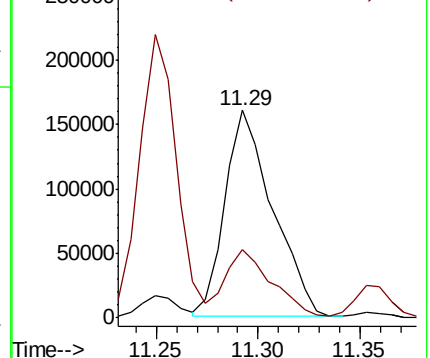
75 100

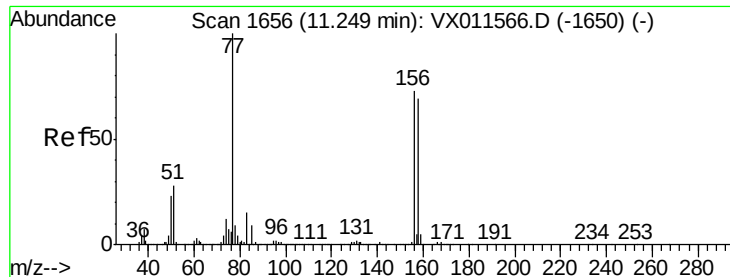
77 32.4 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.856 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

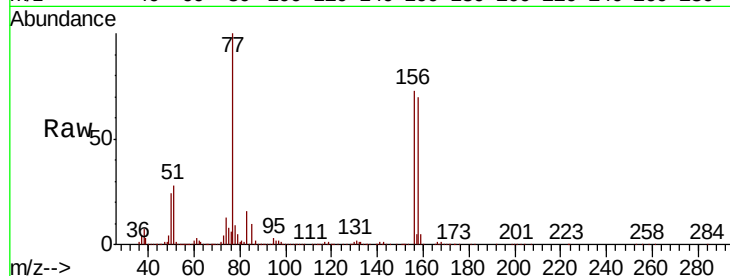
Tgt Ion:156 Resp: 213471

Ion Ratio Lower Upper

156 100

77 129.6 64.6 193.9

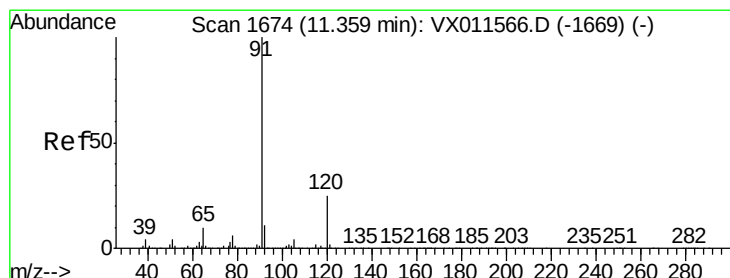
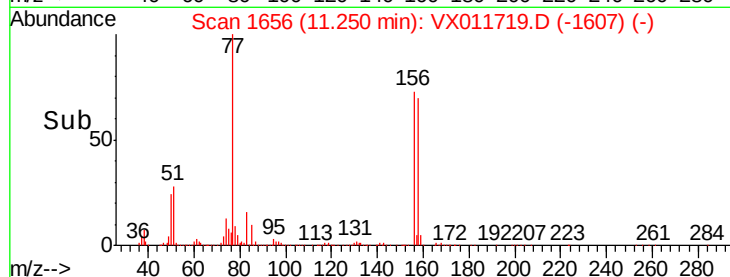
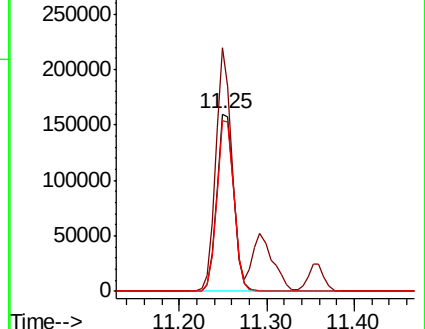
158 97.2 48.4 145.3



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: 54.225 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011719.D

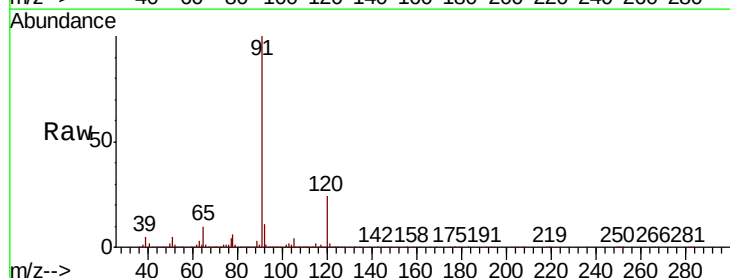
Acq: 21 Aug 2019 05:31

Tgt Ion: 91 Resp: 793733

Ion Ratio Lower Upper

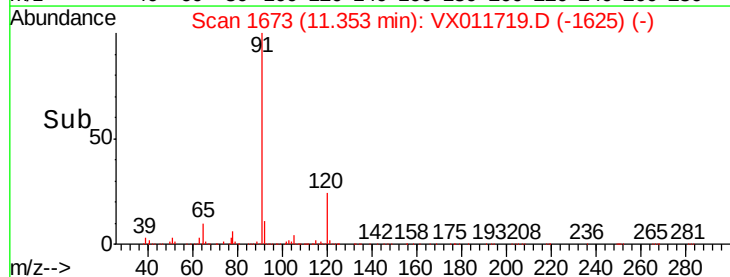
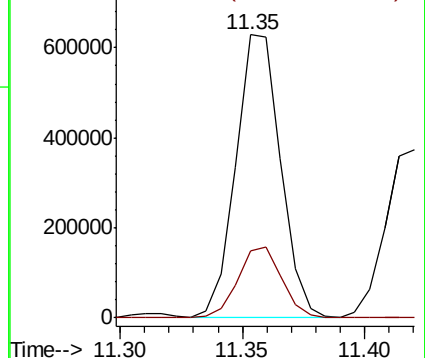
91 100

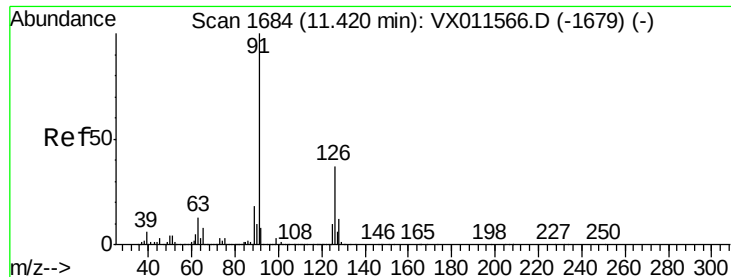
120 24.9 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

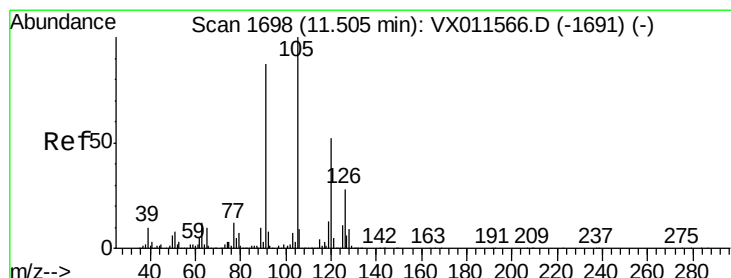
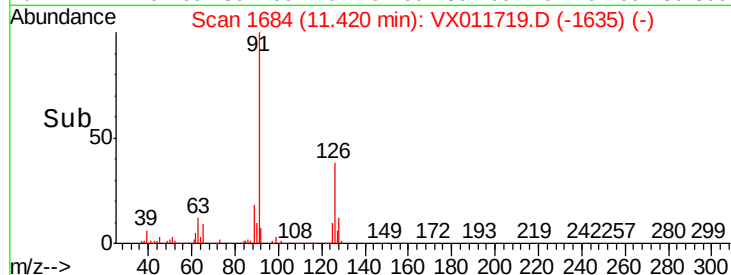
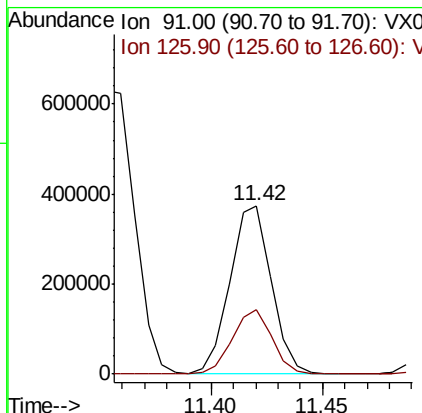
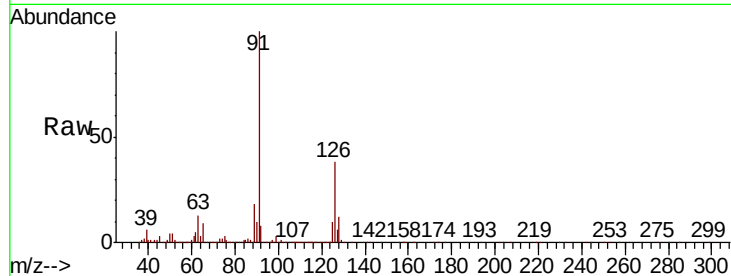




#79
 2-Chlorotoluene
 Concen: 53.694 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

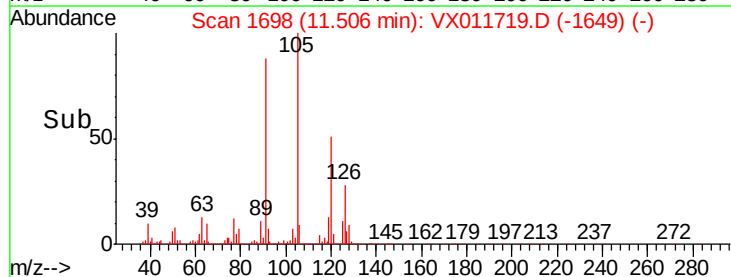
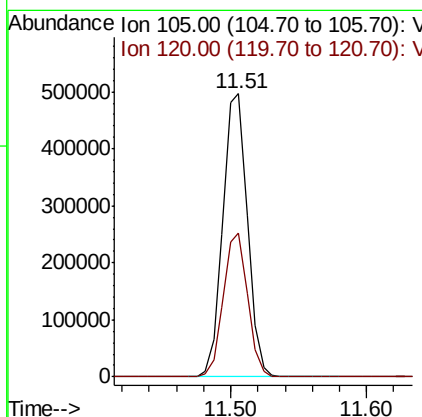
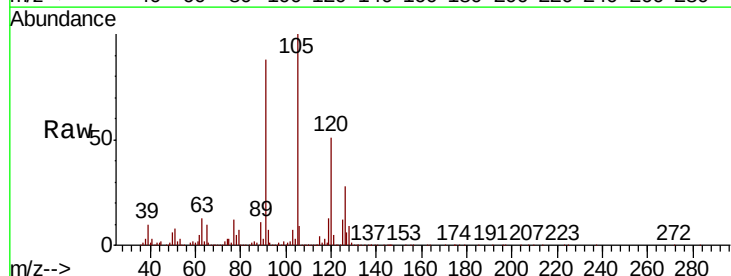
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

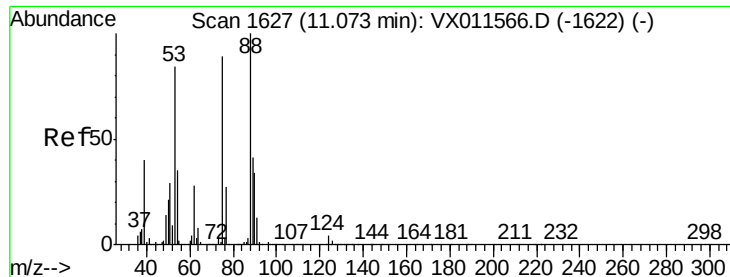
Tgt Ion: 91 Resp: 482615
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.563 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 105 Resp: 622196
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.676 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

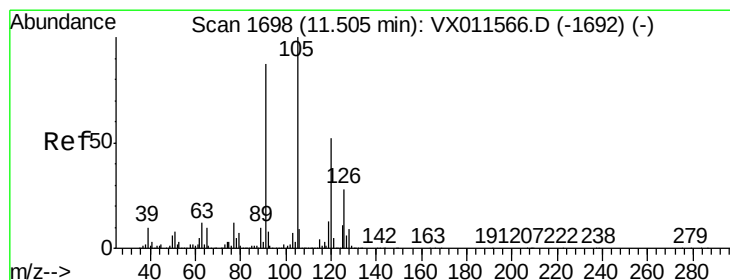
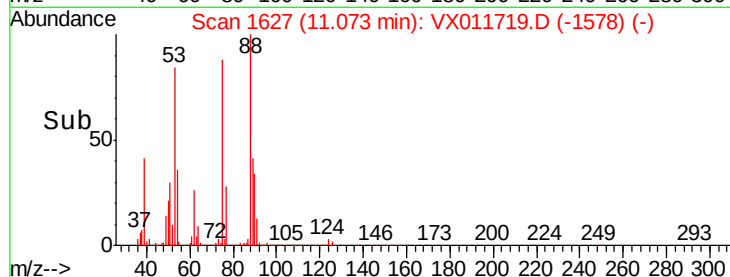
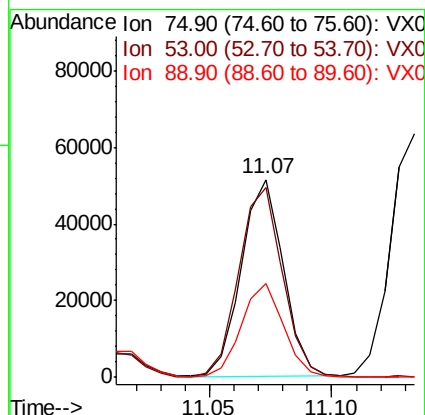
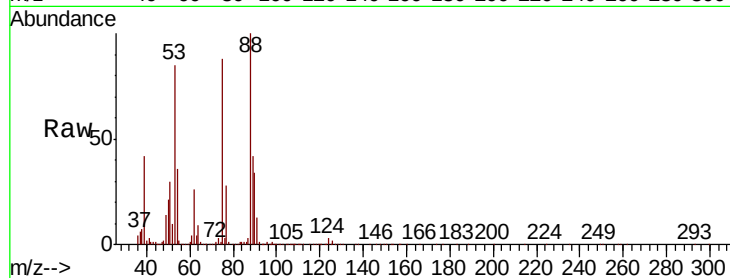
Tgt Ion: 75 Resp: 61437

Ion Ratio Lower Upper

75 100

53 100.1 77.4 116.0

89 48.0 37.3 55.9



#82

4-Chlorotoluene

Concen: 53.711 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011719.D

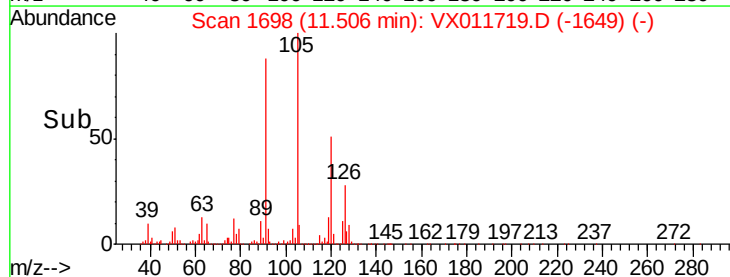
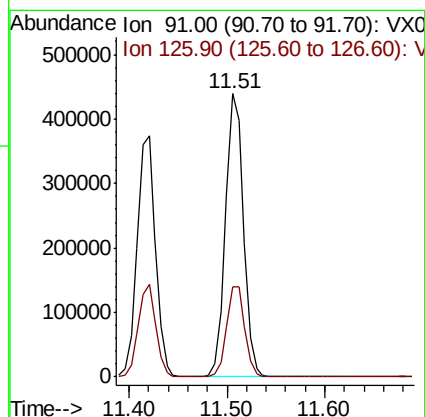
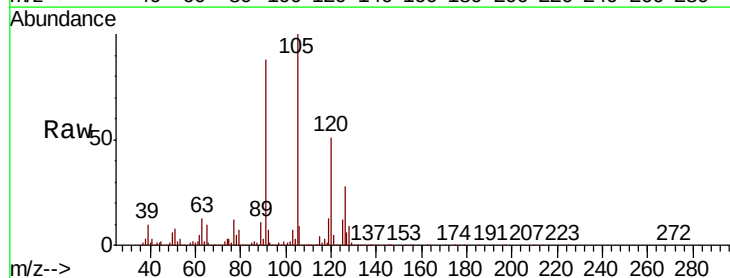
Acq: 21 Aug 2019 05:31

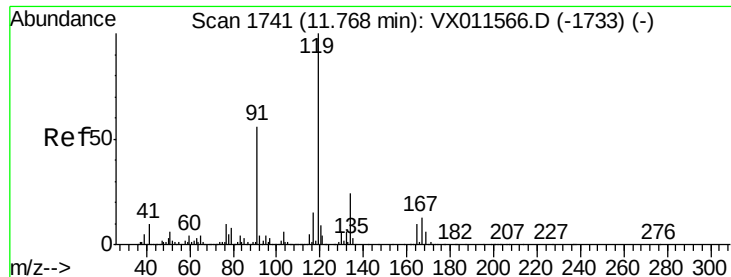
Tgt Ion: 91 Resp: 560087

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1

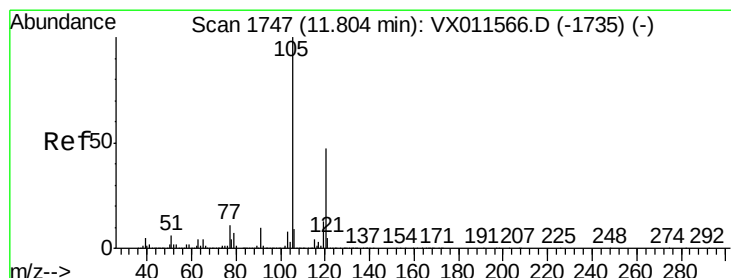
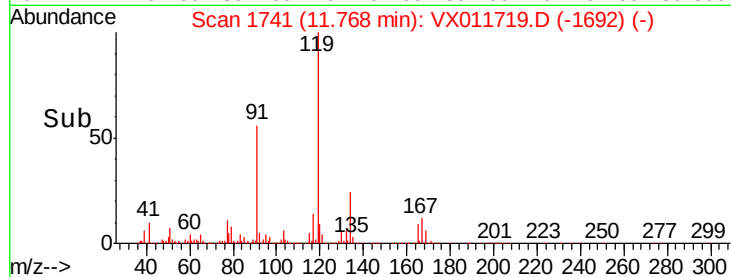
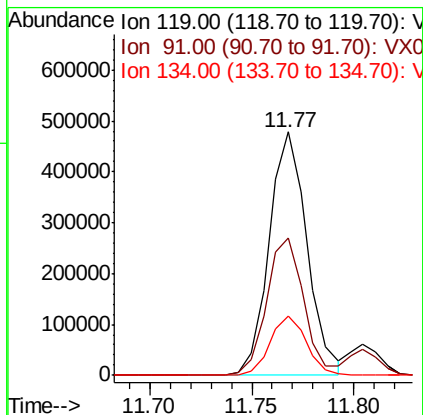
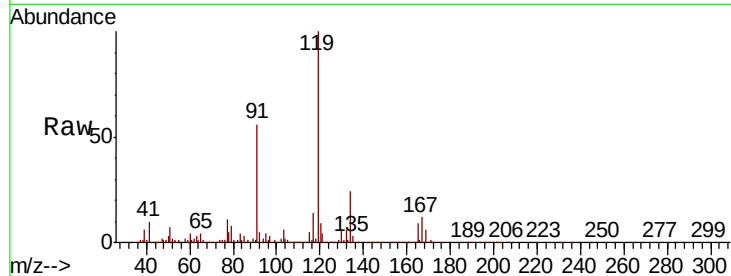




#83
 tert-Butylbenzene
 Concen: 53.317 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

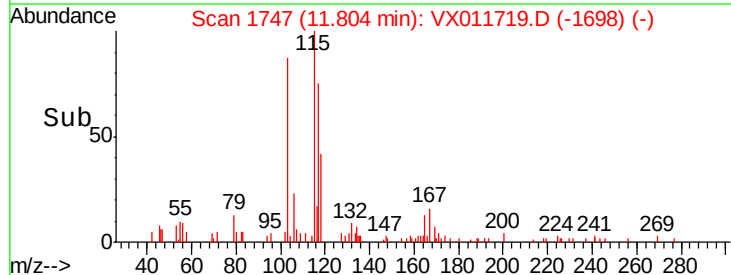
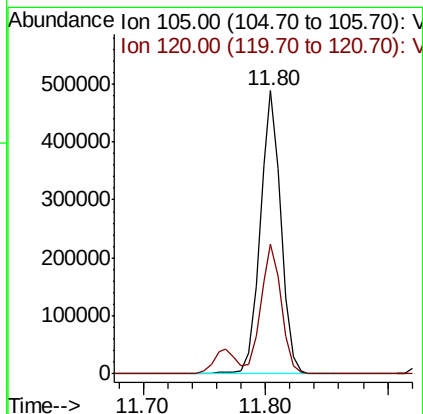
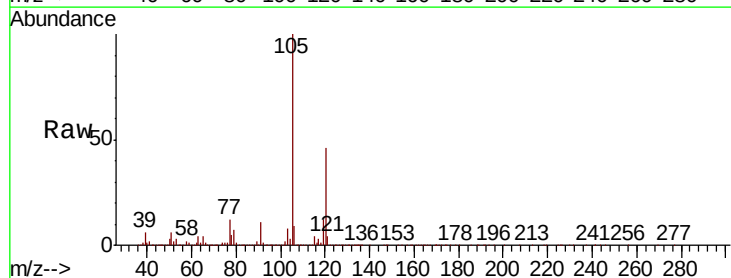
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

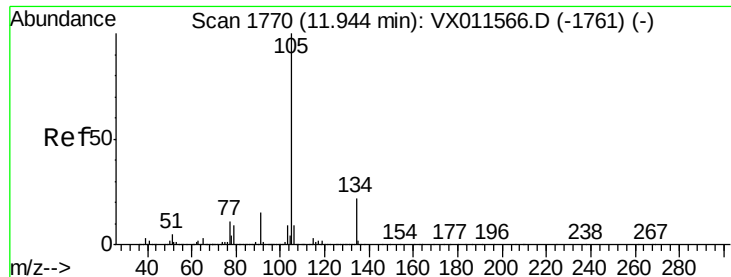
Tgt Ion:119 Resp: 619229
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.1 81.3
 134 23.7 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.317 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion:105 Resp: 576031
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.9





#85

sec-Butylbenzene

Concen: 52.361 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

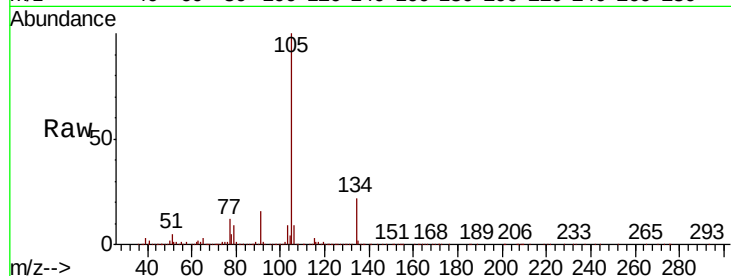
VSTDCCC050EC

Tgt Ion:105 Resp: 686103

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

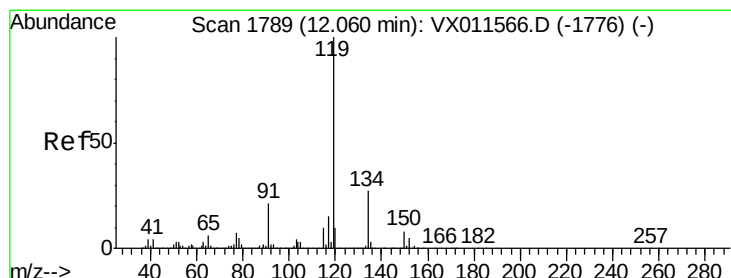
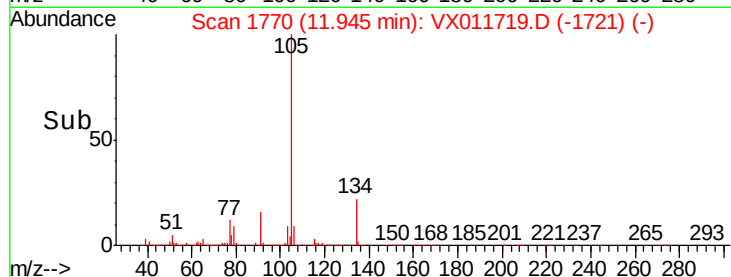
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.500 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011719.D

Acq: 21 Aug 2019 05:31

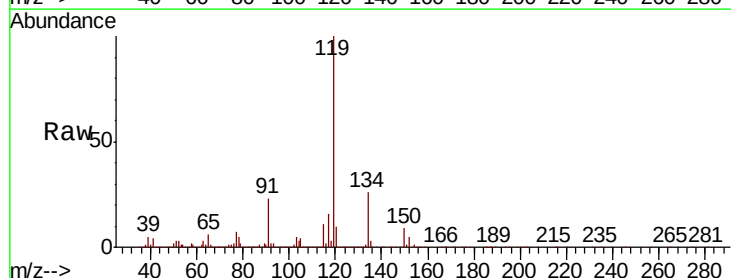
Tgt Ion:119 Resp: 647180

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 22.7 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

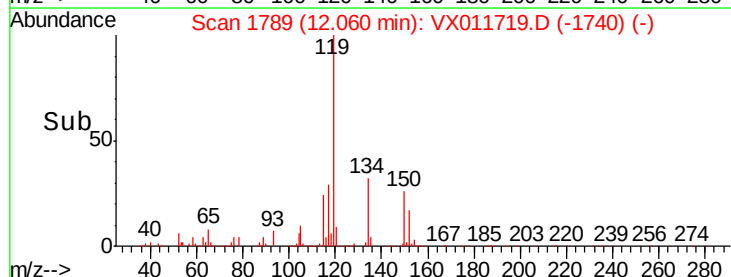
600000

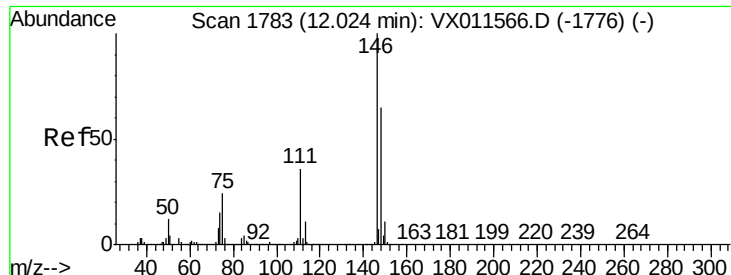
400000

200000

0

Time-->

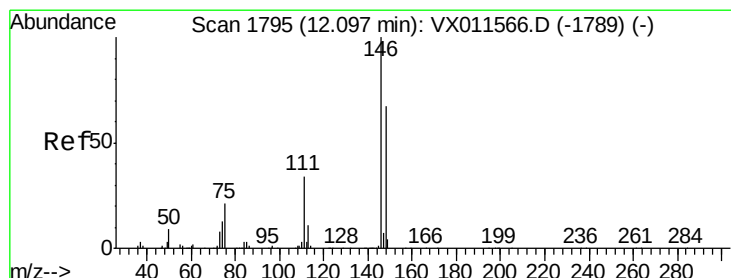
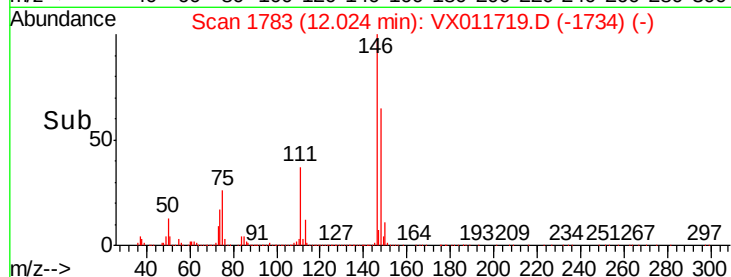
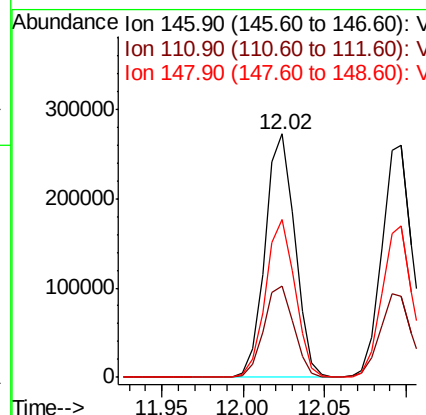
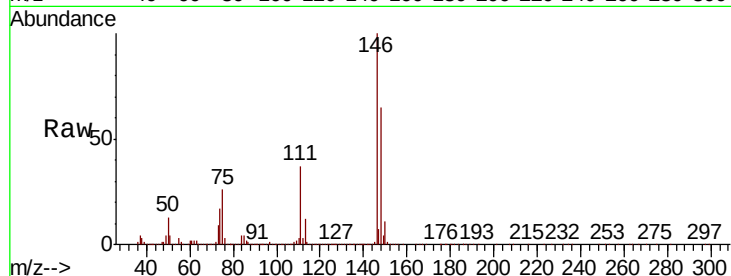




#87
 1,3-Dichlorobenzene
 Concen: 49.786 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

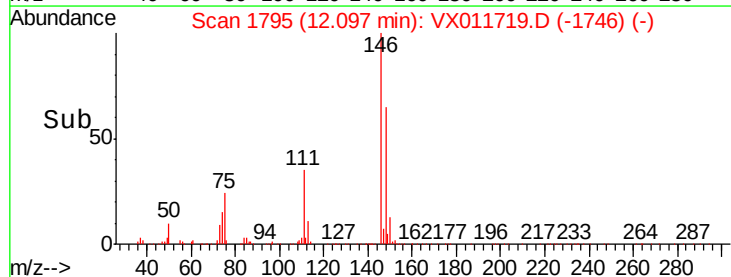
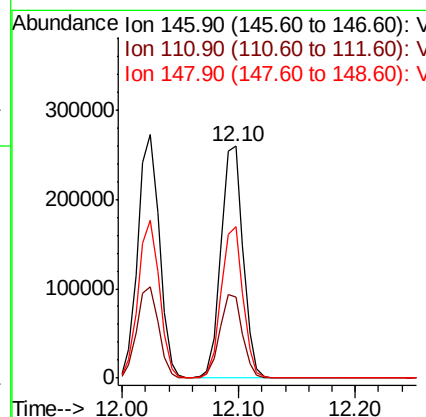
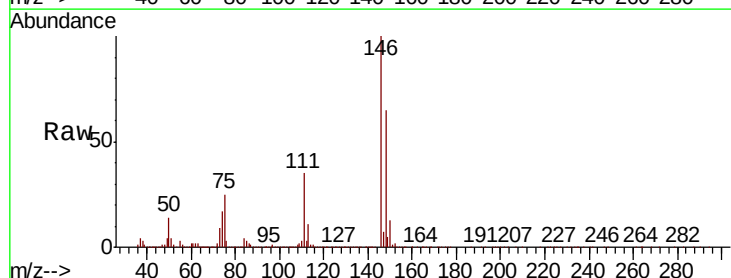
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

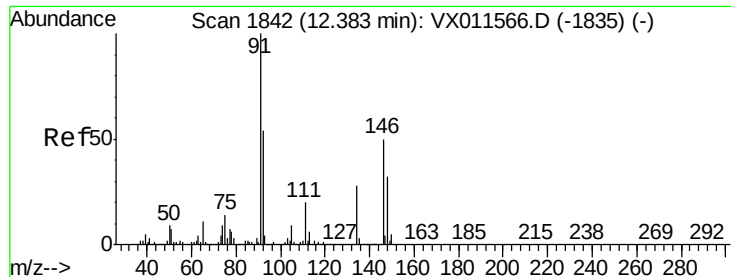
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.4
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.996 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	64.3	32.5	97.5

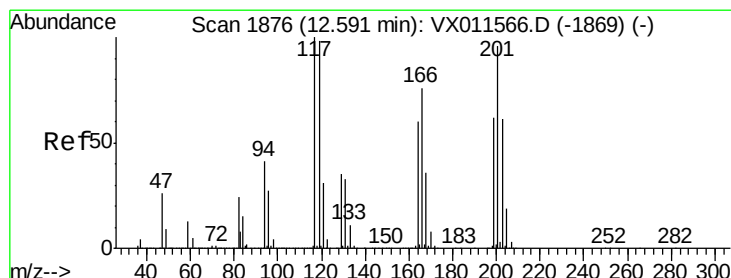
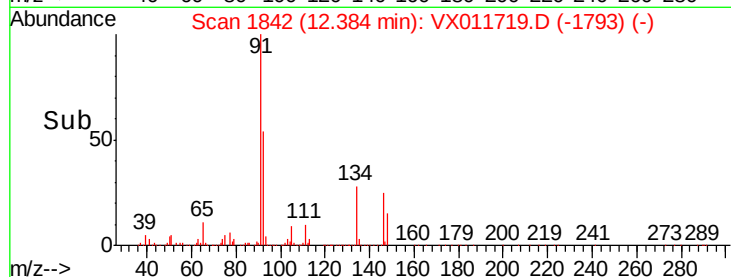
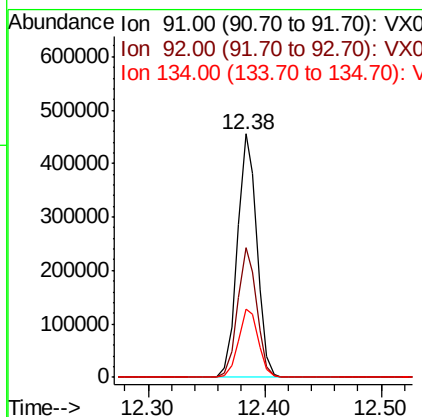
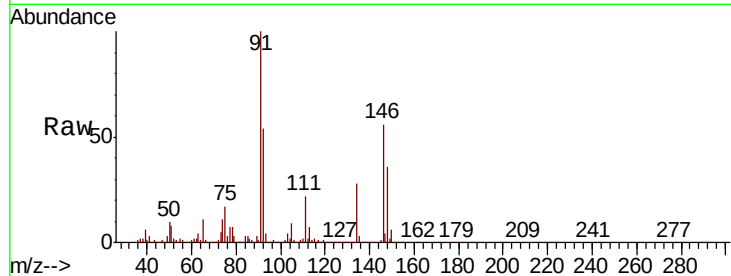




#89
n-Butylbenzene
Concen: 52.236 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

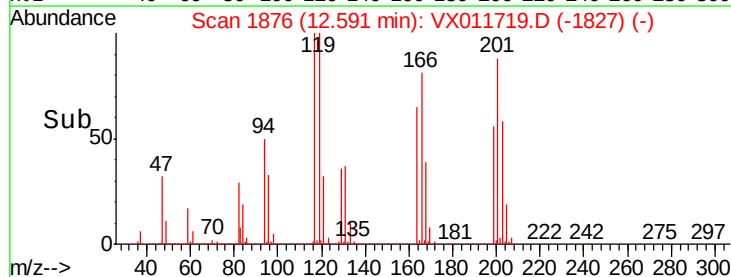
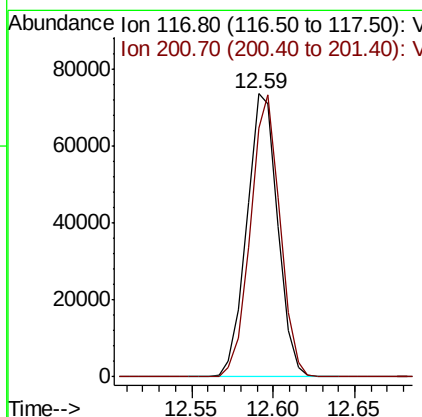
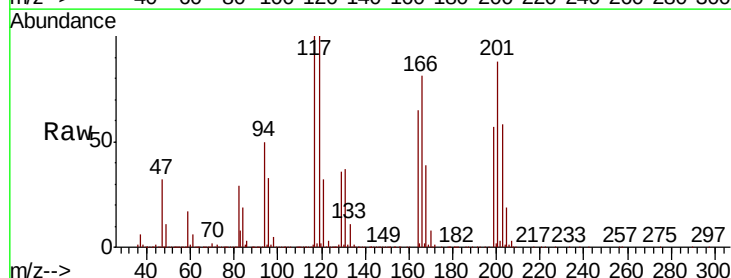
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

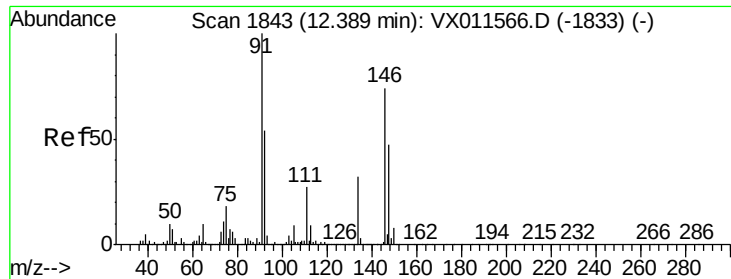
Tgt Ion: 91 Resp: 529390
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 28.4 14.6 44.0



#90
Hexachloroethane
Concen: 50.014 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion: 117 Resp: 97359
Ion Ratio Lower Upper
117 100
201 95.0 51.9 155.7

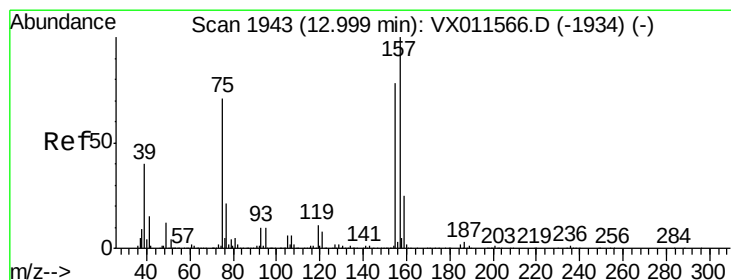
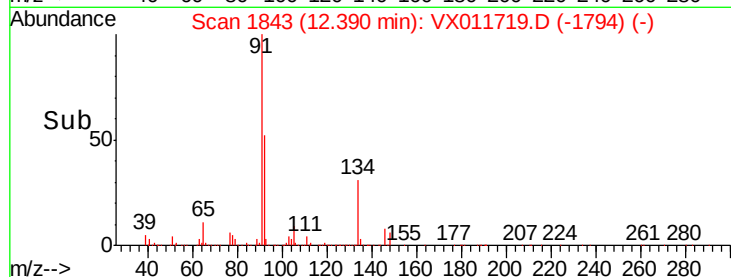
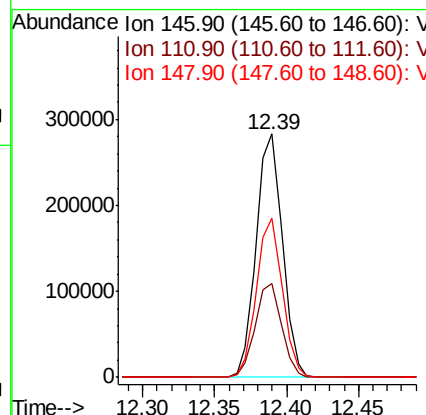
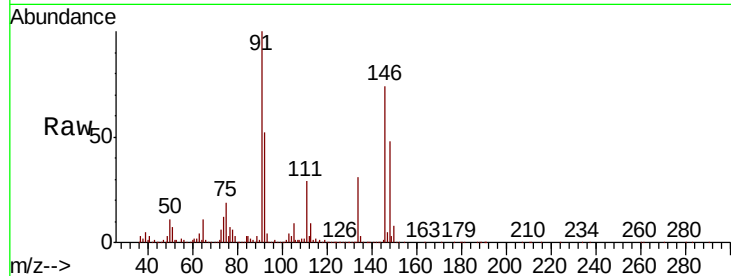




#91
 1,2-Dichlorobenzene
 Concen: 50.976 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

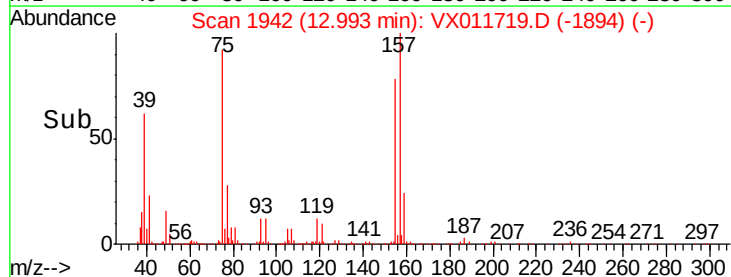
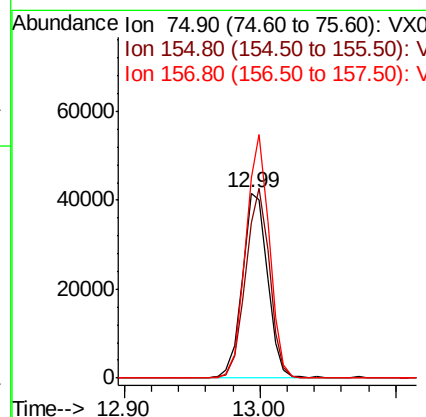
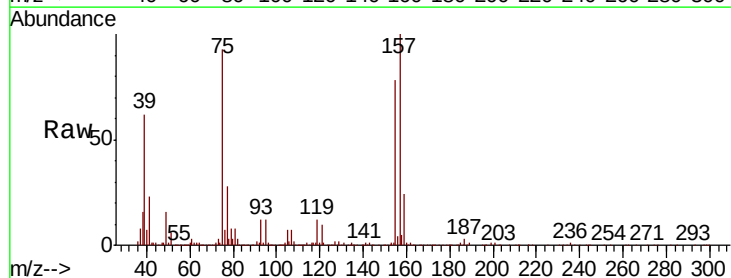
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

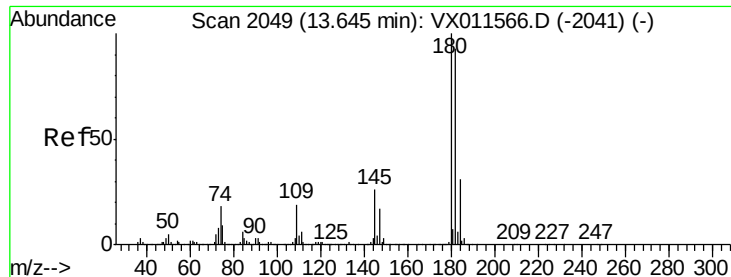
Tgt Ion: 146 Resp: 355234
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.7
 148 64.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.867 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion: 75 Resp: 53275
 Ion Ratio Lower Upper
 75 100
 155 98.8 53.0 159.0
 157 124.4 68.3 205.1

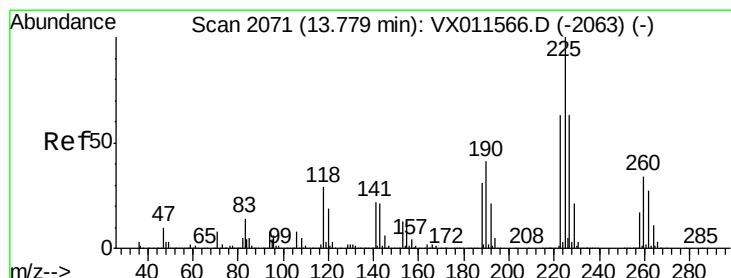
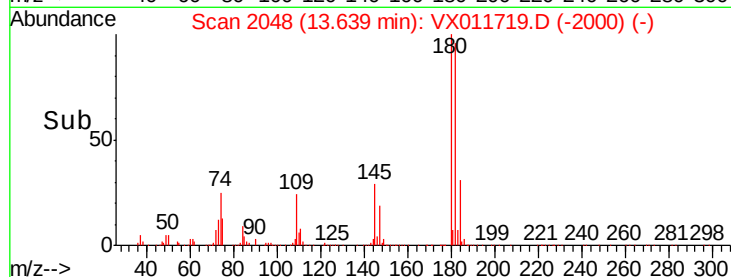
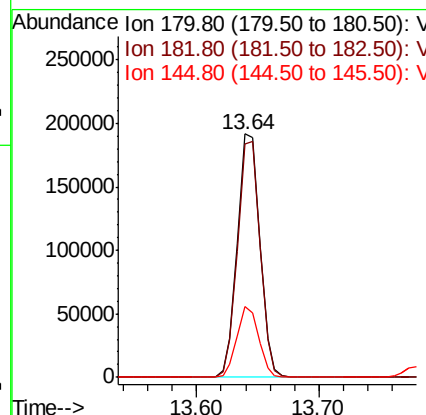
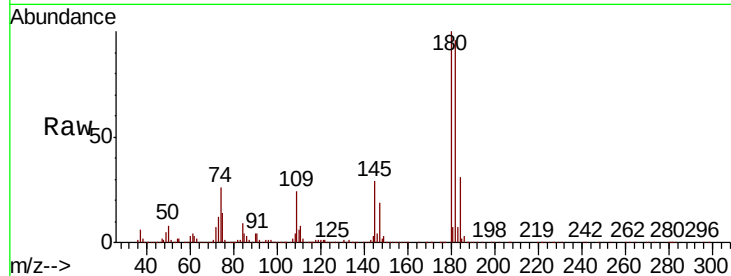




#93
 1,2,4-Trichlorobenzene
 Concen: 46.852 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

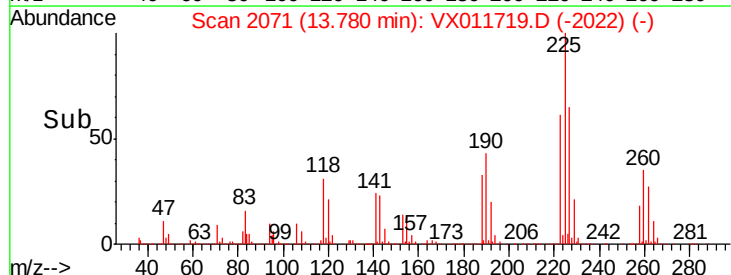
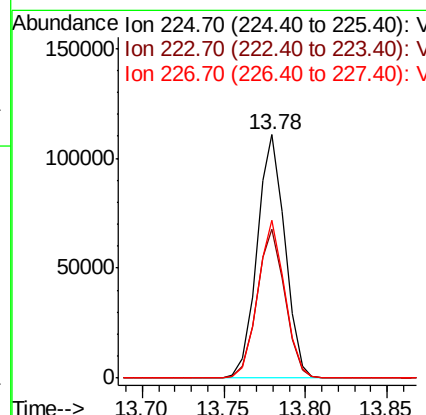
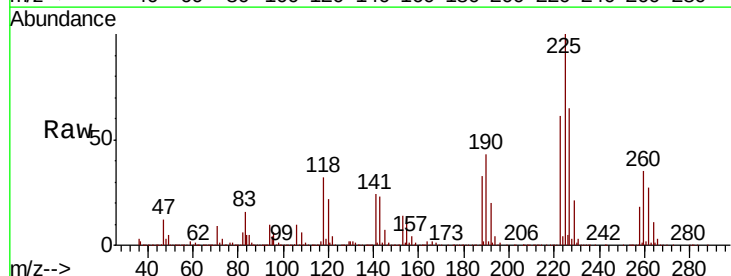
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

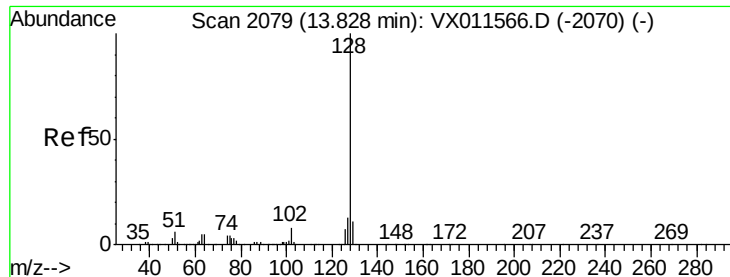
Tgt Ion:180 Resp: 243268
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 142.0
 145 28.4 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 46.562 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011719.D
 Acq: 21 Aug 2019 05:31

Tgt Ion:225 Resp: 131645
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.4 94.0
 227 62.8 31.2 93.6

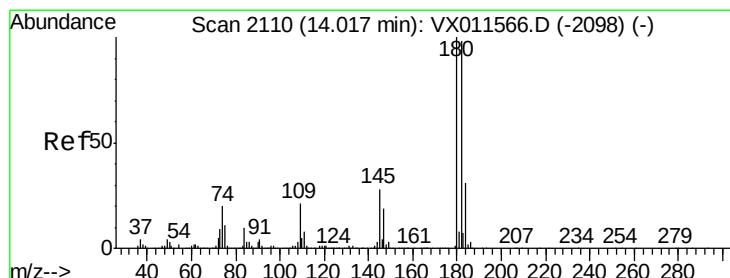
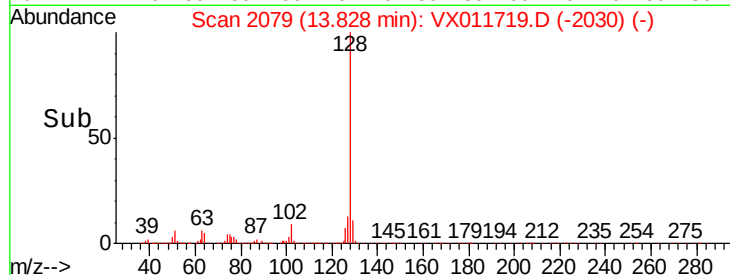
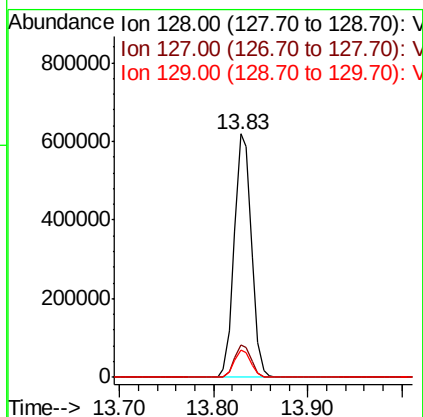
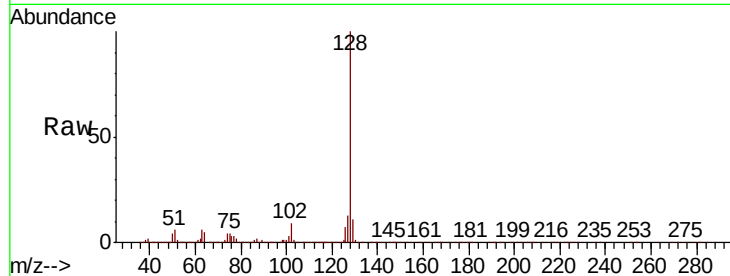




#95
Naphthalene
Concen: 53.286 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.198 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011719.D
Acq: 21 Aug 2019 05:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	30.3	14.6	43.8

