

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX010991.D
 Acq On : 19 Jul 2019 10:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 00:57:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	359386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129996	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	5.49	113	116484	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.71	98	438494	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.13	95	171263	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134342	50.968	ug/l	99
3) Chloromethane	1.32	50	108023	47.532	ug/l	99
4) Vinyl Chloride	1.41	62	117538	50.705	ug/l	99
5) Bromomethane	1.64	94	52657	40.310	ug/l	98
6) Chloroethane	1.71	64	68899	46.771	ug/l	98
7) Trichlorofluoromethane	1.93	101	202858	51.697	ug/l	98
8) Diethyl Ether	2.19	74	66070	48.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117809	52.582	ug/l	98
10) Methyl Iodide	2.51	142	115820	39.393	ug/l	100
11) Tert butyl alcohol	3.04	59	134830	220.202	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112218	50.978	ug/l	97
13) Acrolein	2.29	56	79773	225.496	ug/l	97
14) Allyl chloride	2.73	41	163443	51.116	ug/l	100
15) Acrylonitrile	3.14	53	296115	239.329	ug/l	99
16) Acetone	2.44	43	317499	267.380	ug/l	98
17) Carbon Disulfide	2.57	76	278367	49.298	ug/l	100
18) Methyl Acetate	2.77	43	127893	47.300	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	358513	50.592	ug/l	100
20) Methylene Chloride	2.85	84	122405	48.642	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	115841	49.596	ug/l	94
22) Diisopropyl ether	3.85	45	340049	50.425	ug/l	93
23) Vinyl Acetate	3.81	43	1497406	262.065	ug/l	100
24) 1,1-Dichloroethane	3.70	63	192113	49.053	ug/l	99
25) 2-Butanone	4.67	43	435284	255.364	ug/l	100
26) 2,2-Dichloropropane	4.58	77	171698	53.394	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	133806	49.500	ug/l	99
28) Bromochloromethane	5.01	49	95496	51.744	ug/l	99
29) Tetrahydrofuran	5.12	42	260537	241.296	ug/l	99
30) Chloroform	5.20	83	212495	50.197	ug/l	99
31) Cyclohexane	5.57	56	182178	51.034	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	189013	51.609	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157027	53.193	ug/l	99
37) Ethyl Acetate	4.82	43	157410	52.075	ug/l	100
38) Carbon Tetrachloride	5.78	117	168994	54.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206458	53.931	ug/l	99
40) Benzene	6.14	78	462358	51.131	ug/l	99
41) Methacrylonitrile	5.04	41	85213	49.659	ug/l	98
42) 1,2-Dichloroethane	6.19	62	164078	52.186	ug/l	99
43) Isopropyl Acetate	6.44	43	257186	51.744	ug/l	99
44) Trichloroethene	7.21	130	136100	50.847	ug/l	95
45) 1,2-Dichloropropane	7.51	63	118350	51.422	ug/l	98
46) Dibromomethane	7.66	93	85831	52.190	ug/l	99
47) Bromodichloromethane	7.89	83	162035	55.349	ug/l	99
48) Methyl methacrylate	7.76	41	126002	52.038	ug/l	99
49) 1,4-Dioxane	7.74	88	64783	956.488	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	840099	260.739	ug/l	100
52) Toluene	8.78	92	307627	51.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180331	57.287	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	192313	54.904	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127353	52.067	ug/l	97
56) Ethyl methacrylate	9.18	69	196257	54.854	ug/l	99
57) 1,3-Dichloropropane	9.37	76	202048	52.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	387027	226.608	ug/l	99
59) 2-Hexanone	9.49	43	666141	266.560	ug/l	100
60) Dibromochloromethane	9.58	129	141303	50.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137784	53.080	ug/l	100
64) Tetrachloroethene	9.34	164	136584	52.062	ug/l	98
65) Chlorobenzene	10.13	112	346357	50.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130927	54.387	ug/l	100
67) Ethyl Benzene	10.25	91	619197	53.110	ug/l	99
68) m/p-Xylenes	10.35	106	474290	106.053	ug/l	100
69) o-Xylene	10.69	106	230128	52.725	ug/l	100
70) Styrene	10.71	104	394610	54.235	ug/l	99
71) Bromoform	10.85	173	109875	50.121	ug/l #	100
73) Isopropylbenzene	11.02	105	637187	52.500	ug/l	99
74) N-amyl acetate	10.90	43	241768	52.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	198655	50.016	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	220229	67.944	ug/l	84
77) Bromobenzene	11.25	156	168926	50.459	ug/l	98
78) n-propylbenzene	11.36	91	719250	53.634	ug/l	99
79) 2-Chlorotoluene	11.42	91	419058	52.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536493	52.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62241	48.758	ug/l	98
82) 4-Chlorotoluene	11.51	91	494871	52.780	ug/l	99
83) tert-Butylbenzene	11.77	119	527144	52.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542540	53.077	ug/l	100
85) sec-Butylbenzene	11.94	105	634263	54.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	592370	54.895	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	305453	52.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	305041	51.194	ug/l	99
89) n-Butylbenzene	12.38	91	526284	57.007	ug/l	100
90) Hexachloroethane	12.59	117	94654	55.613	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	294231	51.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43781	52.733	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

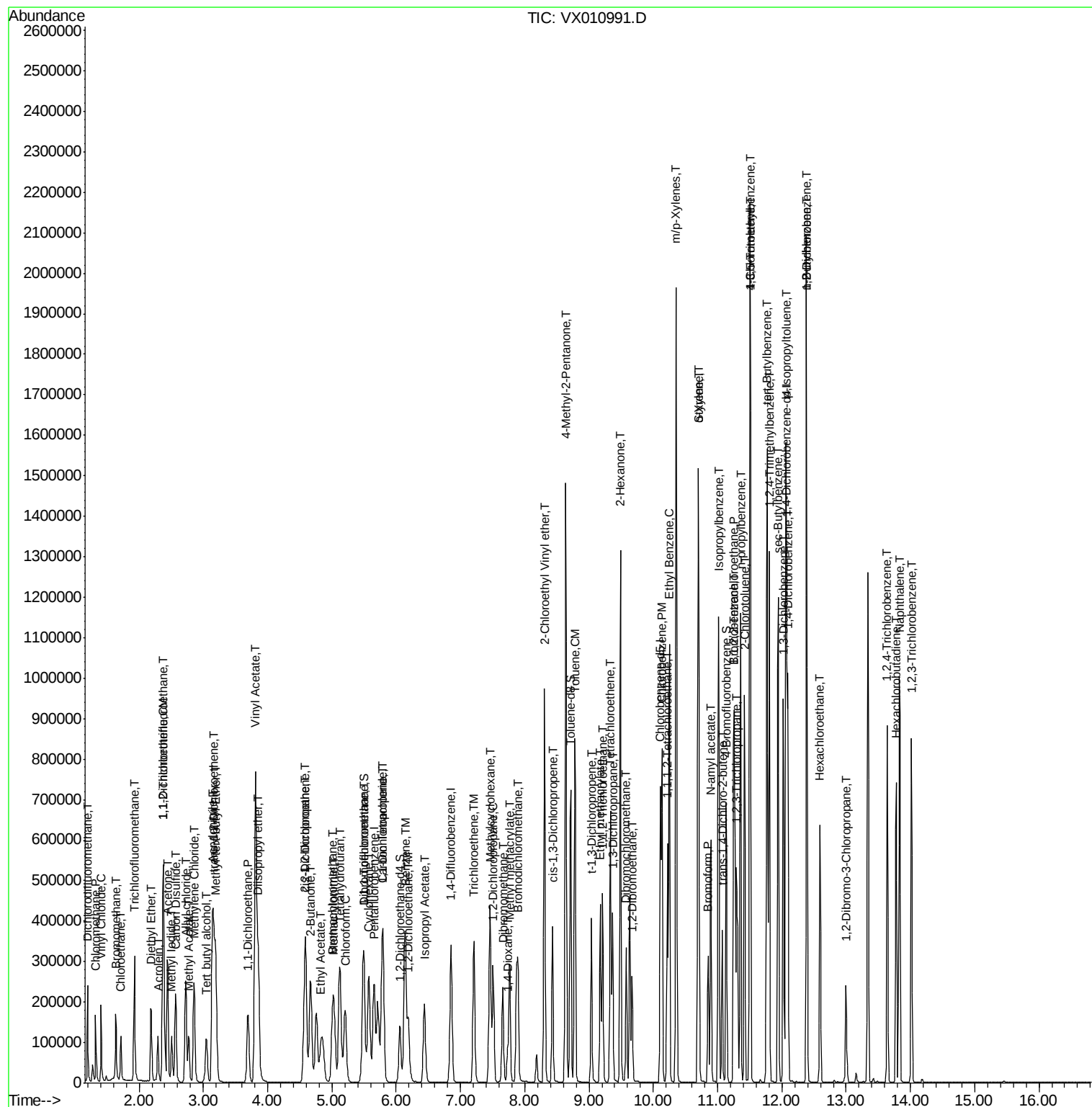
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	213841	54.800	ug/l	99
94) Hexachlorobutadiene	13.78	225	106104	54.870	ug/l	99
95) Naphthalene	13.83	128	617360	53.577	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	210128	54.120	ug/l	99

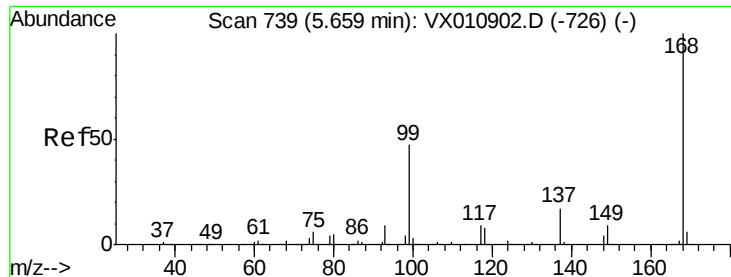
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

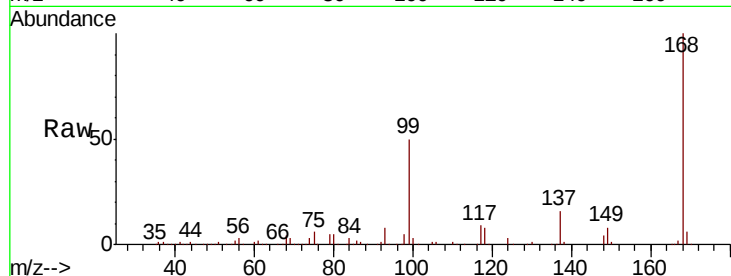
VSTDCCC050

Tot Ion:168 Resp: 247135

Ion Ratio Lower Upper

168 100

99 49.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

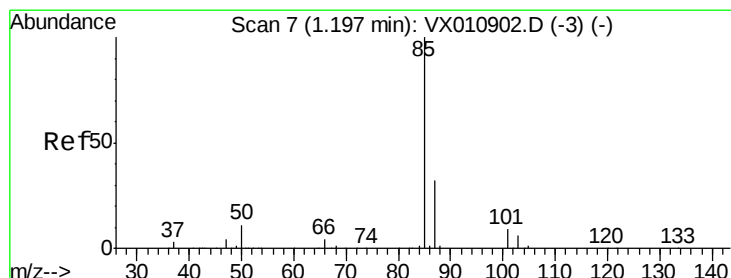
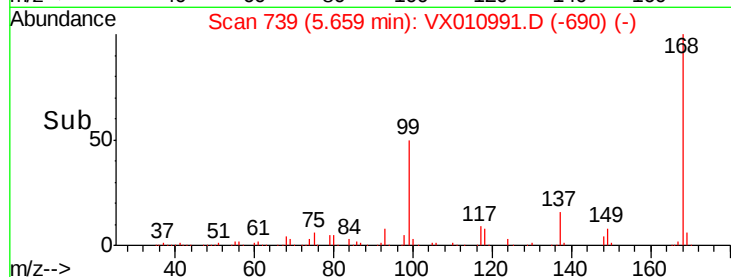
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.968 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010991.D

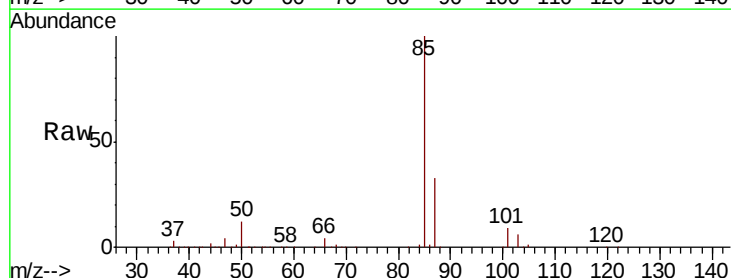
Acq: 19 Jul 2019 10:20

Tgt Ion: 85 Resp: 134342

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

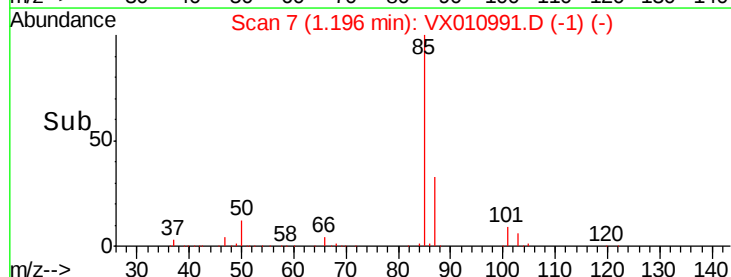
100000

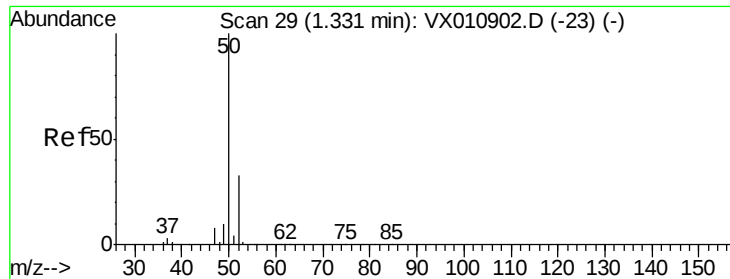
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.532 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

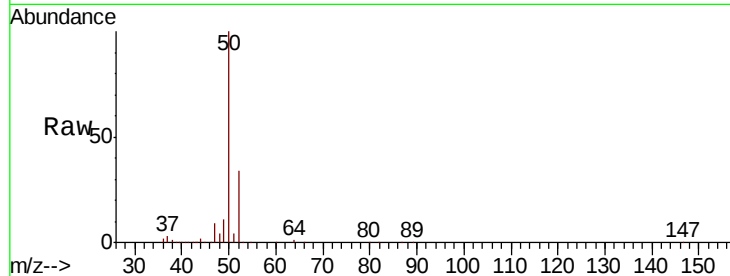
VSTDCCC050

Tot Ion: 50 Resp: 108023

Ion Ratio Lower Upper

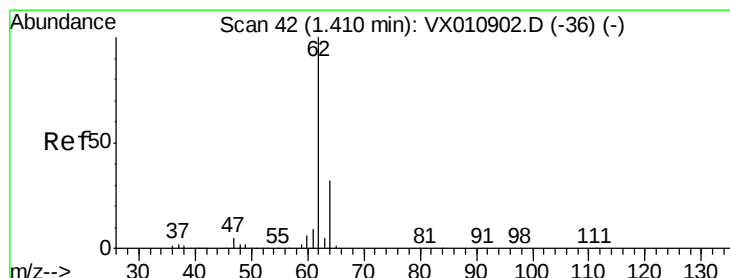
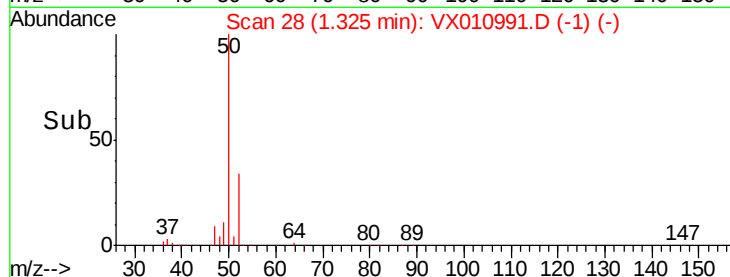
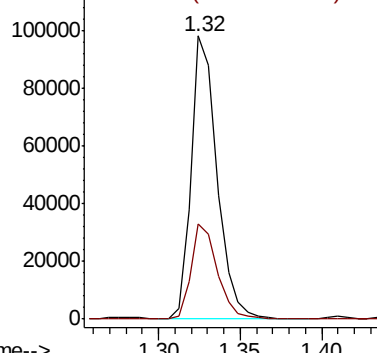
50 100

52 33.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.705 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010991.D

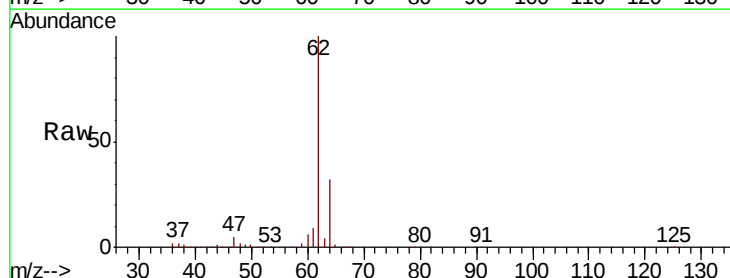
Acq: 19 Jul 2019 10:20

Tgt Ion: 62 Resp: 117538

Ion Ratio Lower Upper

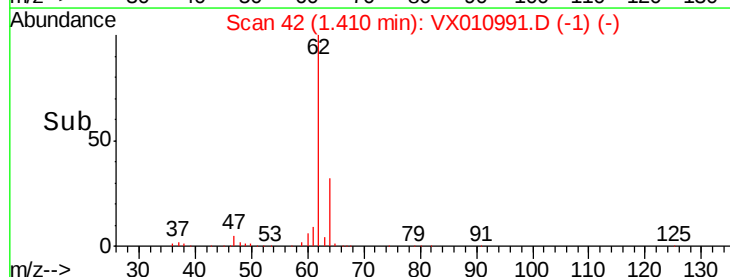
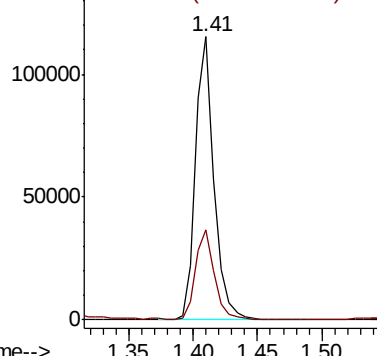
62 100

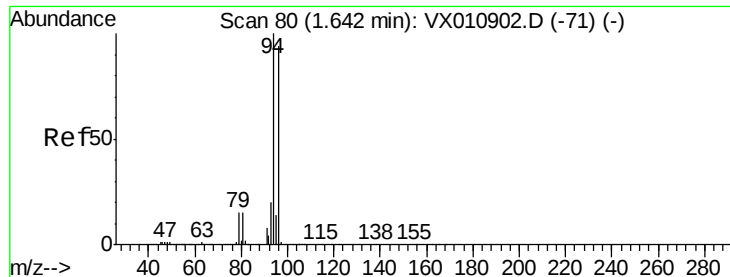
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.310 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

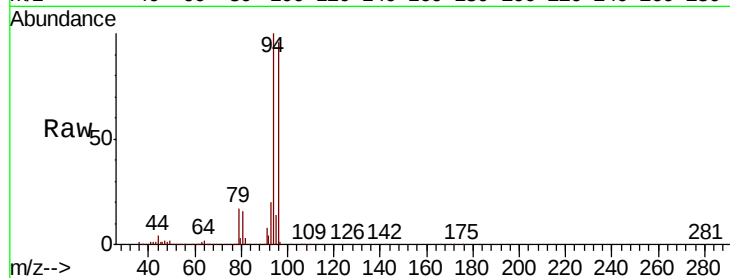
VSTDCCC050

Tot Ion: 94 Resp: 52657

Ion Ratio Lower Upper

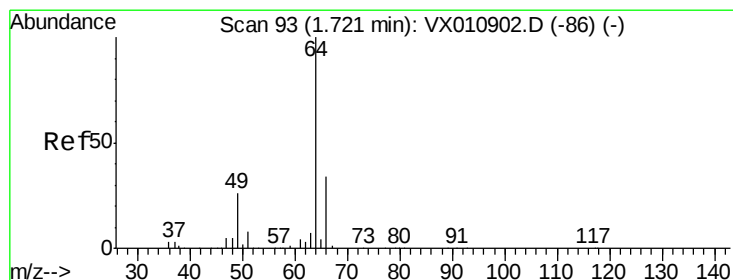
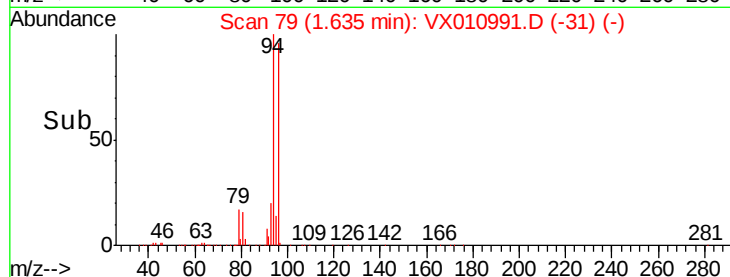
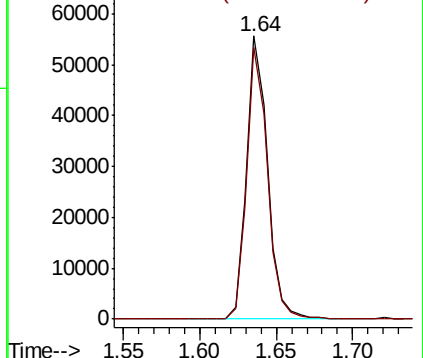
94 100

96 96.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.771 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010991.D

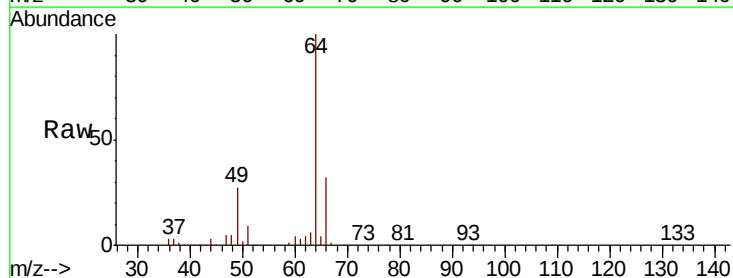
Acq: 19 Jul 2019 10:20

Tgt Ion: 64 Resp: 68899

Ion Ratio Lower Upper

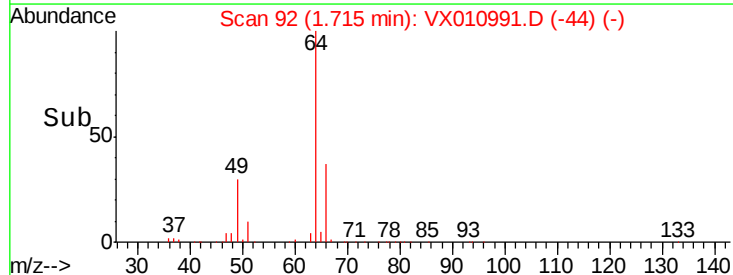
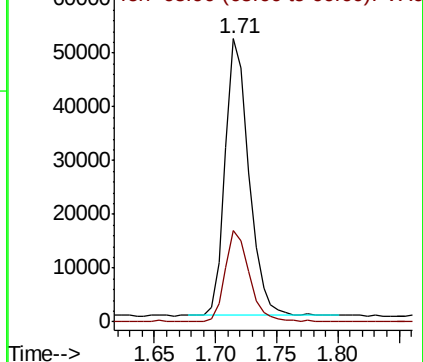
64 100

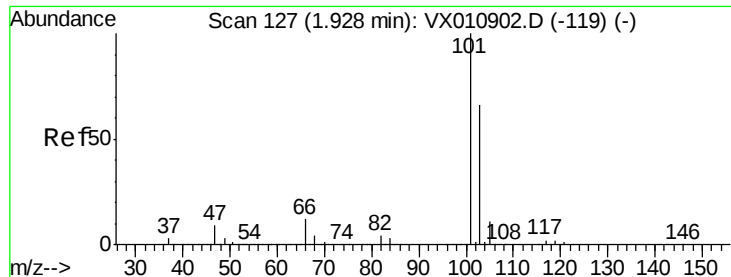
66 32.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



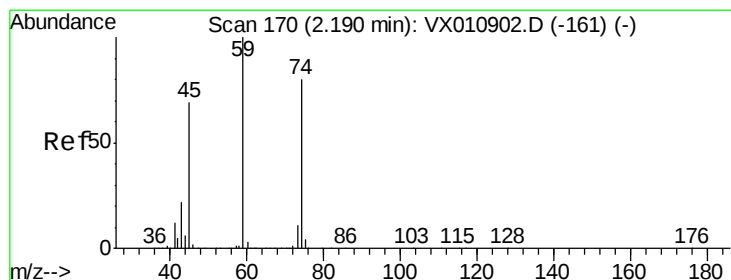
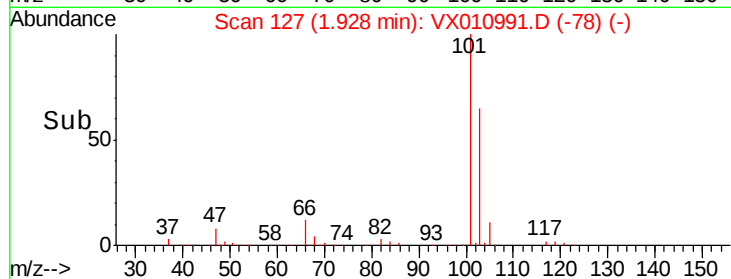
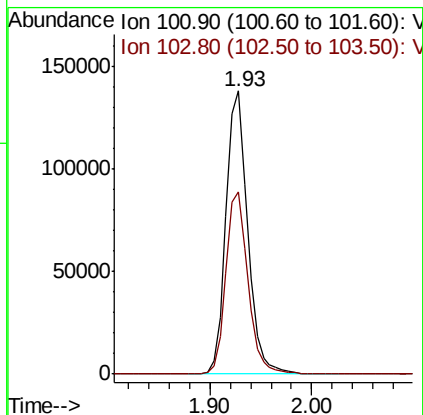
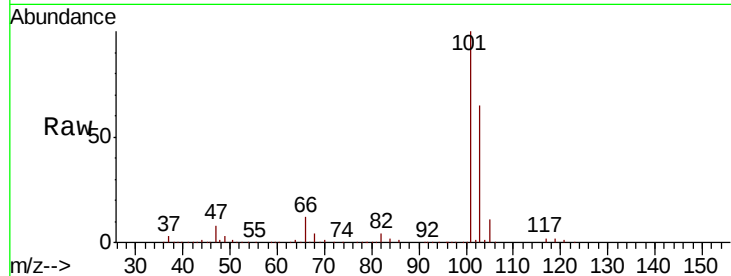


#7

Trichlorofluoromethane
 Concen: 51.697 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

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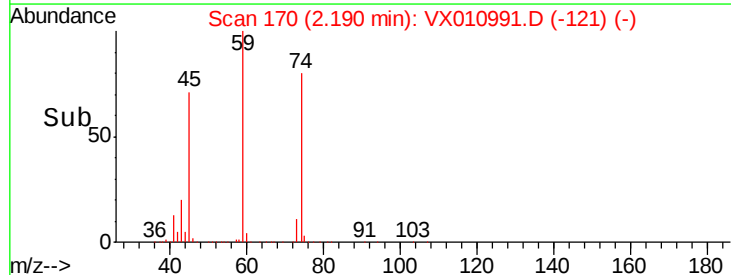
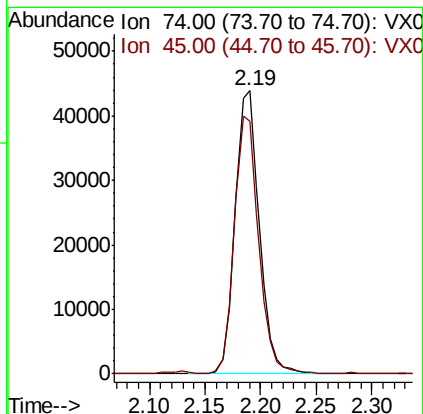
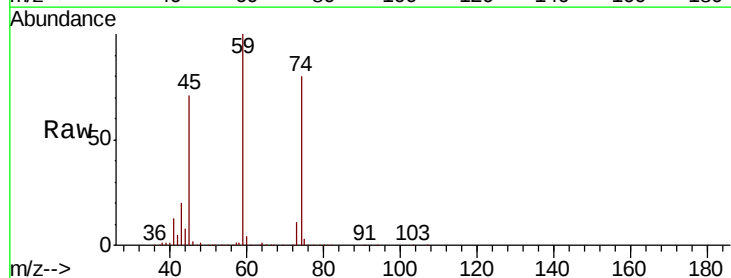
Tot Ion:101 Resp: 202858
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 78.8

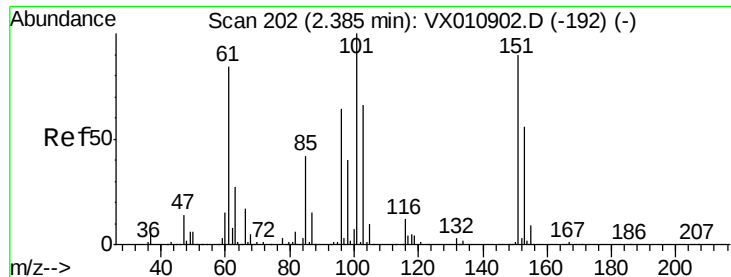


#8

Diethyl Ether
 Concen: 48.869 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion: 74 Resp: 66070
 Ion Ratio Lower Upper
 74 100
 45 90.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.582 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010991.D

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VSTDCCC050

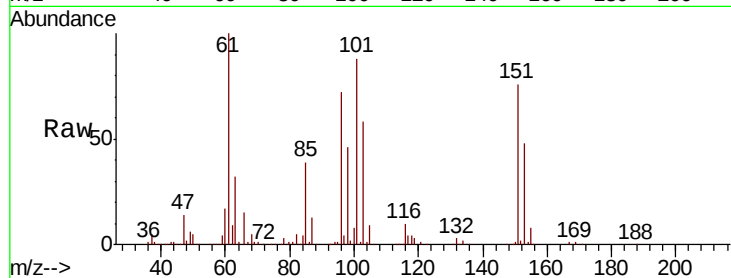
Tot Ion:101 Resp: 117809

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

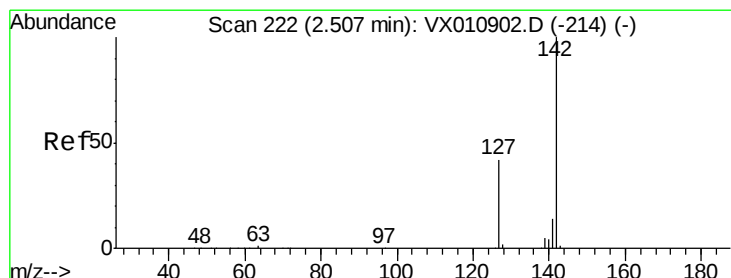
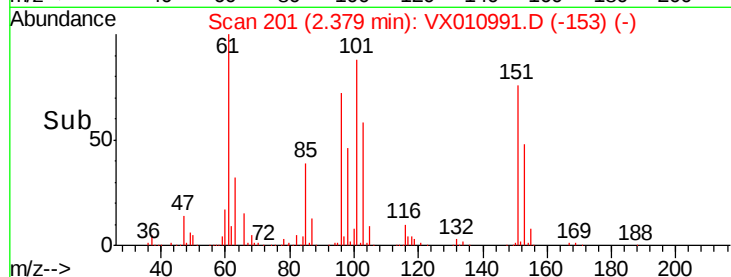
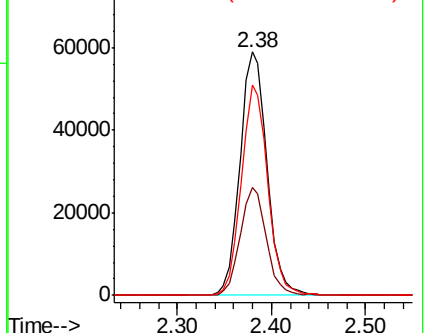
151 84.4 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.393 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

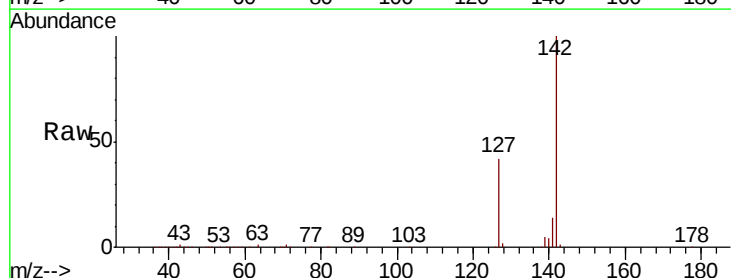
Tgt Ion:142 Resp: 115820

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.4

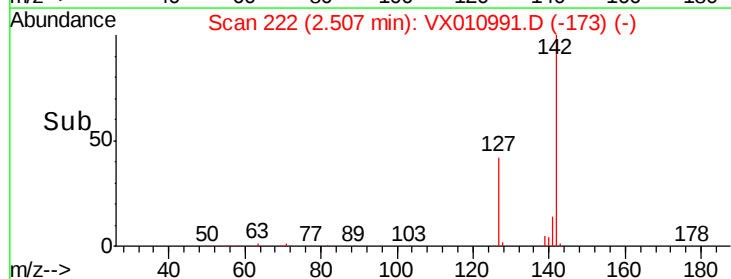
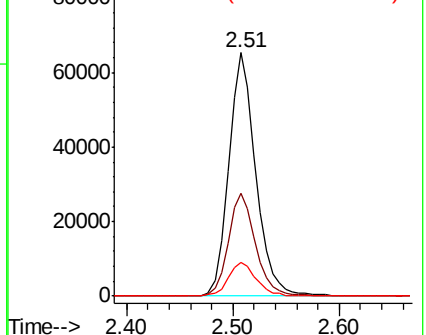
141 14.3 11.7 17.5



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



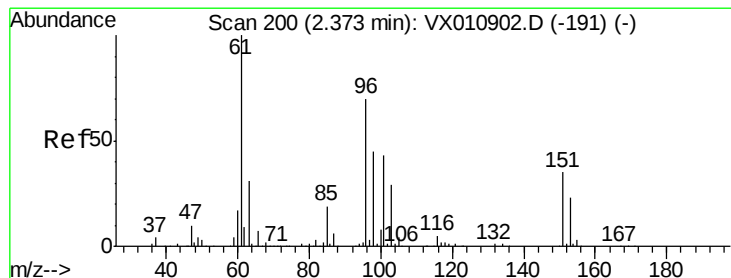
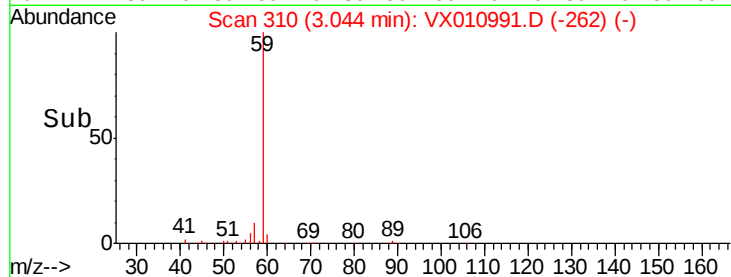
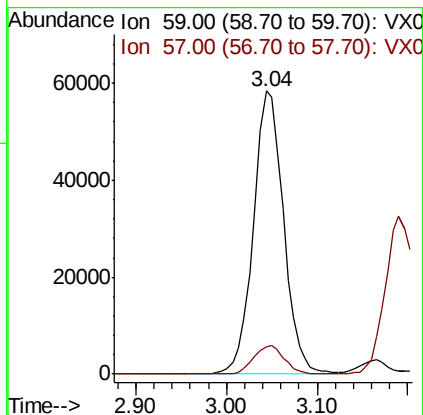
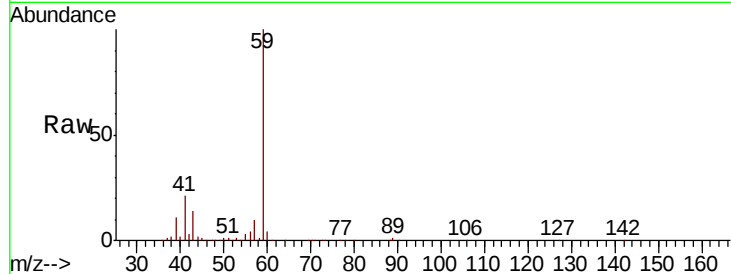


#11

Tert butyl alcohol
 Concen: 220.202 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

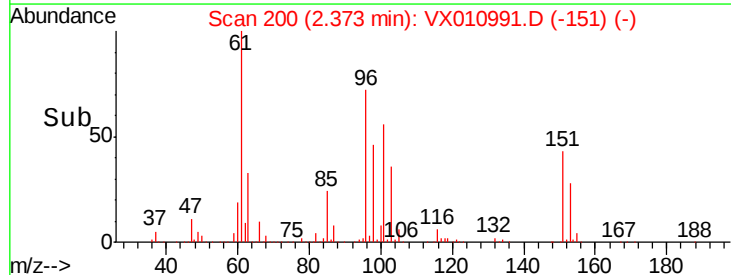
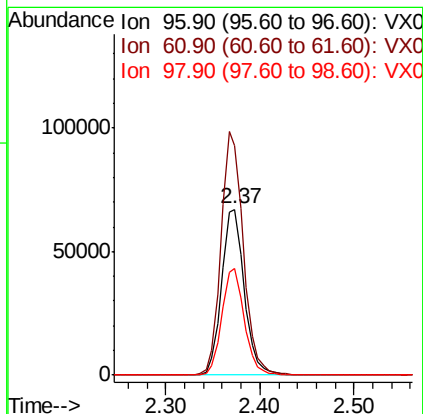
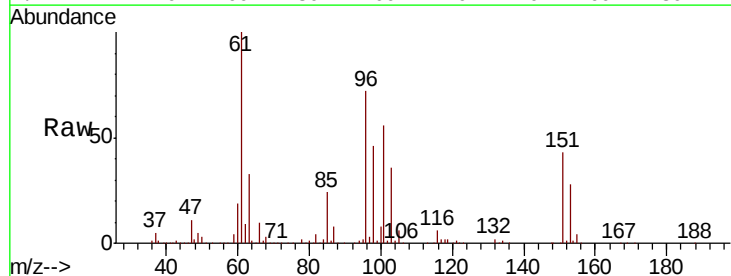
Tot Ion: 59 Resp: 134830
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.9 11.9

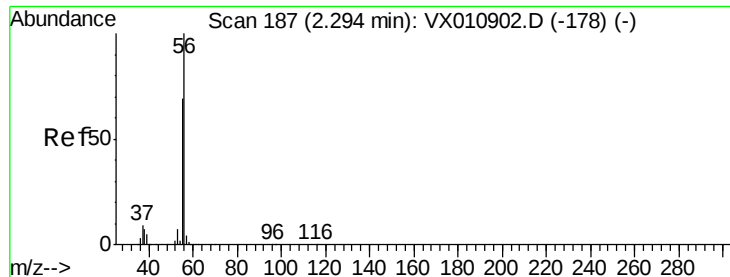


#12

1,1-Dichloroethene
 Concen: 50.978 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion: 96 Resp: 112218
 Ion Ratio Lower Upper
 96 100
 61 138.2 115.0 172.4
 98 64.3 52.2 78.2





#13

Acrolein

Concen: 225.496 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

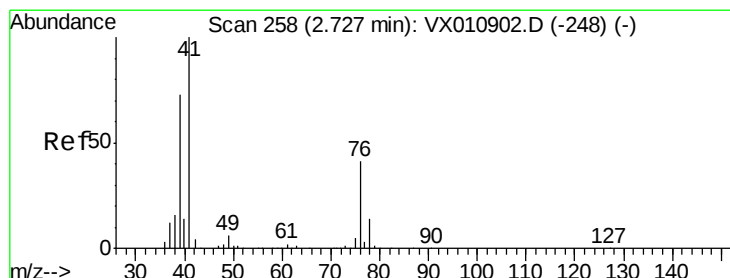
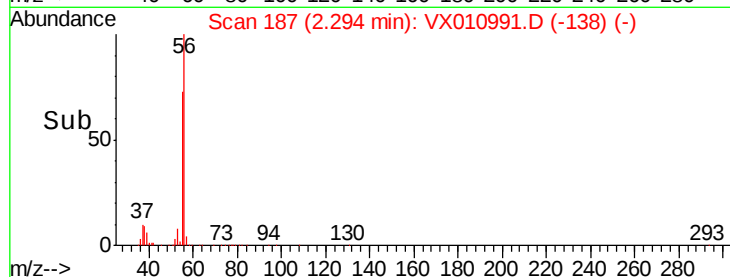
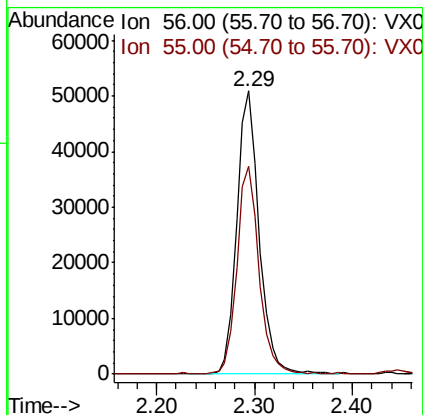
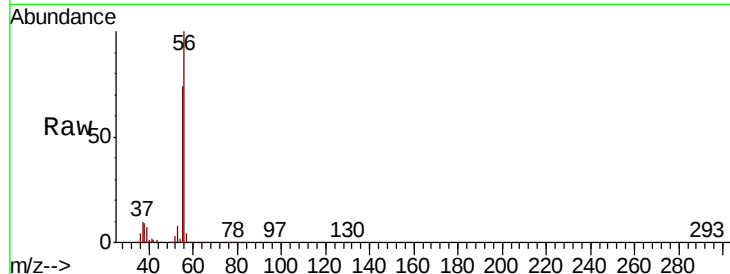
VSTDCCC050

Tot Ion: 56 Resp: 79773

Ion Ratio Lower Upper

56 100

55 72.4 55.9 83.9



#14

Allyl chloride

Concen: 51.116 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

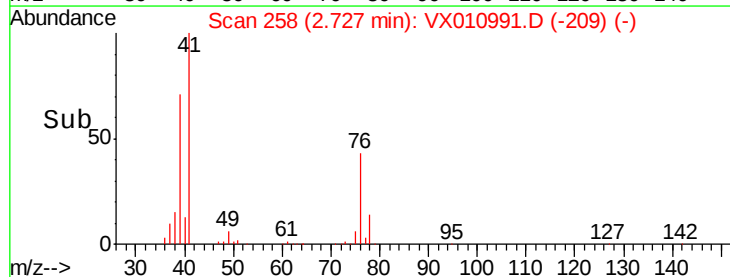
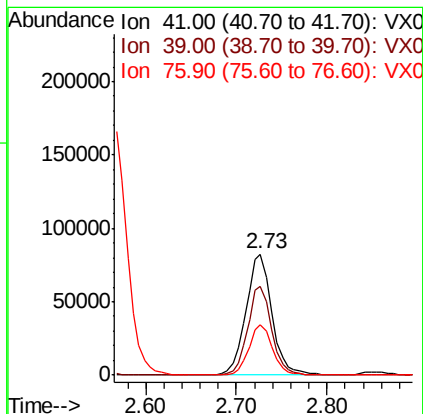
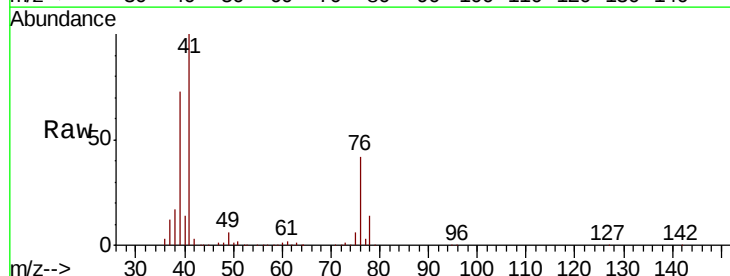
Tgt Ion: 41 Resp: 163443

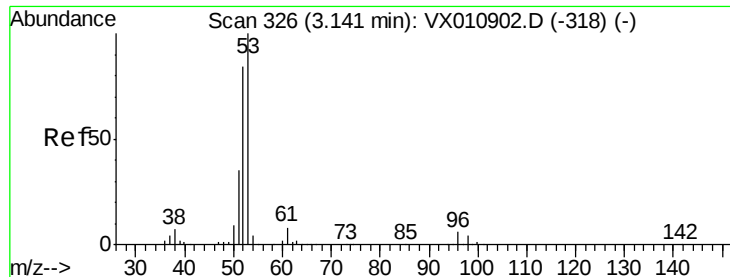
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 37.6 29.7 44.5





#15

Acrylonitrile

Concen: 239.329 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

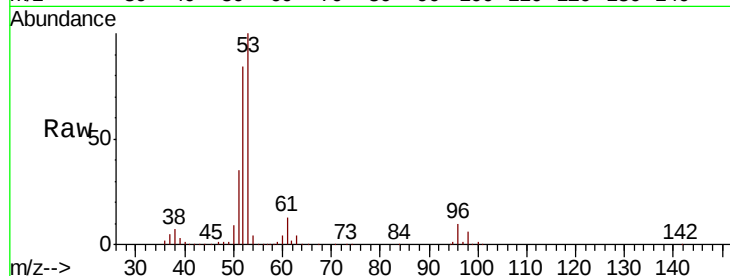
Tot Ion: 53 Resp: 296115

Ion Ratio Lower Upper

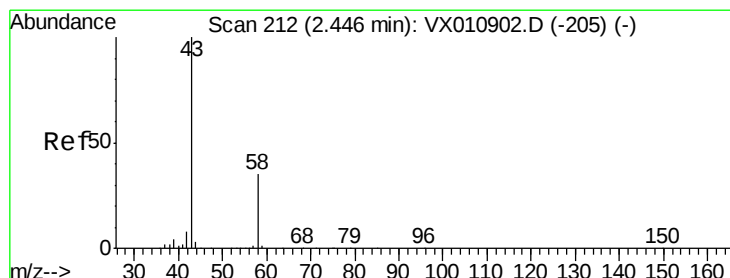
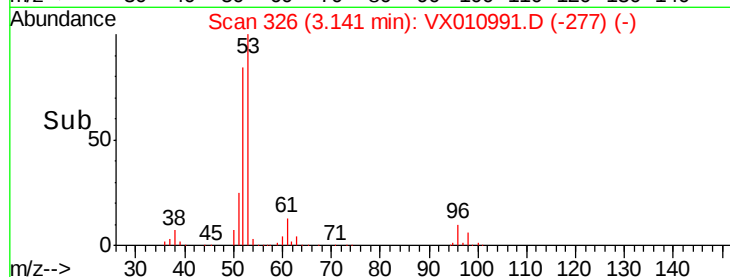
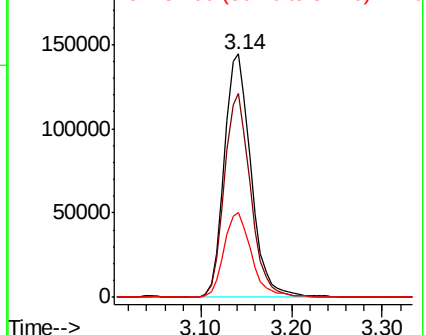
53 100

52 82.7 66.5 99.7

51 35.9 28.2 42.4



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: 267.380 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010991.D

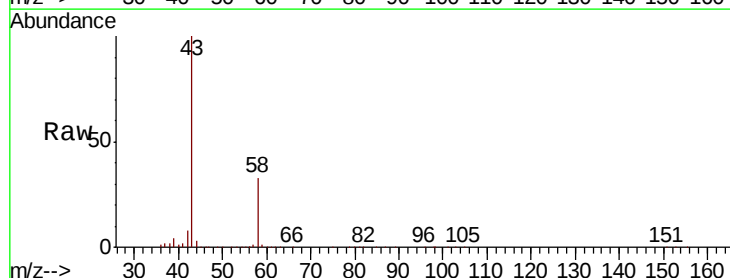
Acq: 19 Jul 2019 10:20

Tgt Ion: 43 Resp: 317499

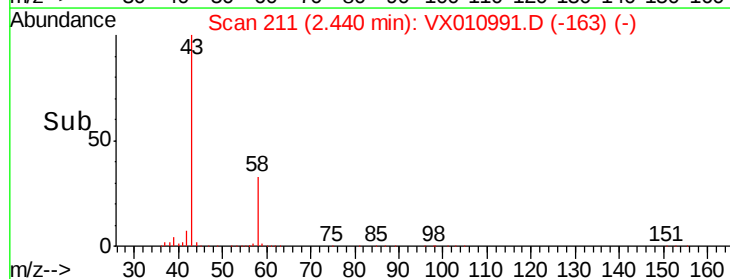
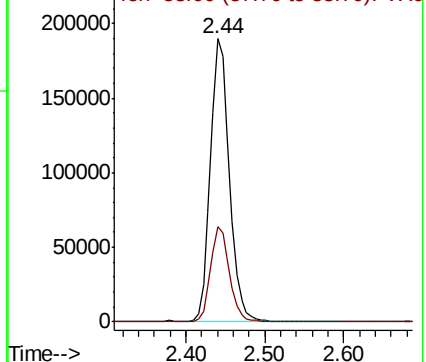
Ion Ratio Lower Upper

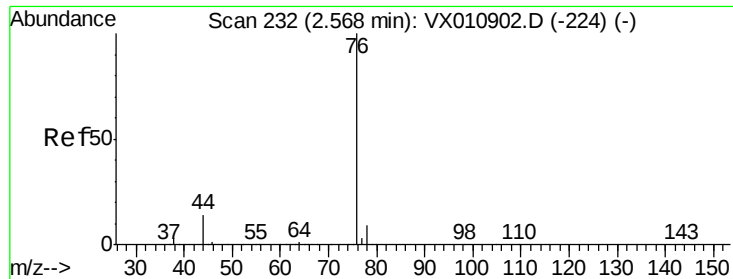
43 100

58 33.4 27.7 41.5



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

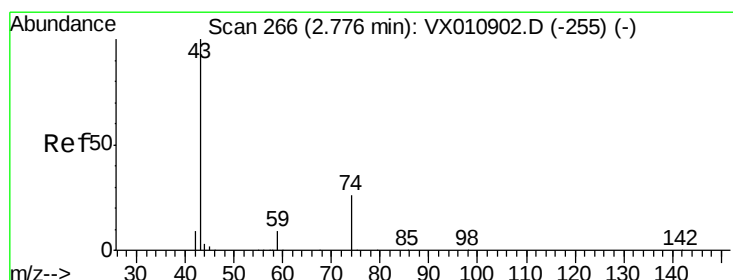
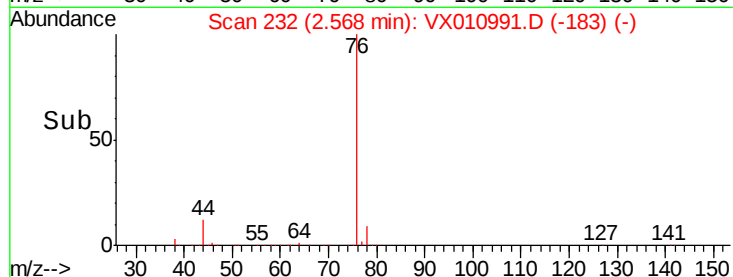
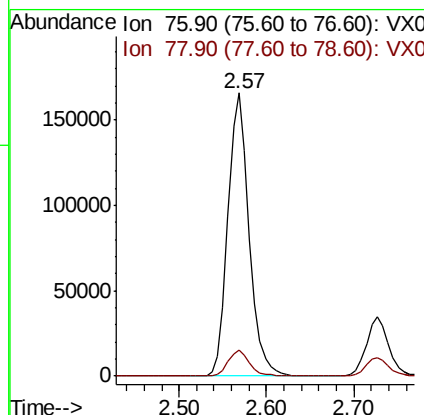
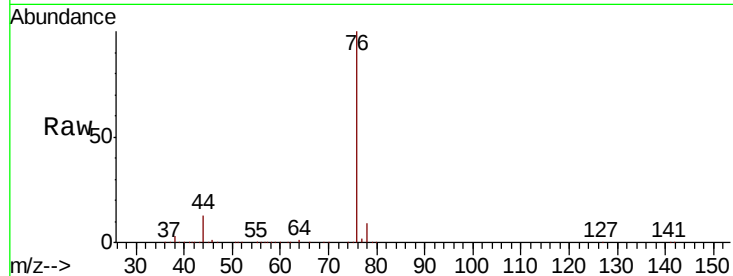




#17
Carbon Disulfide
Concen: 49.298 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

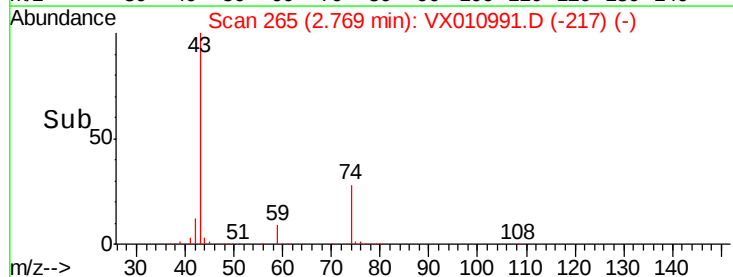
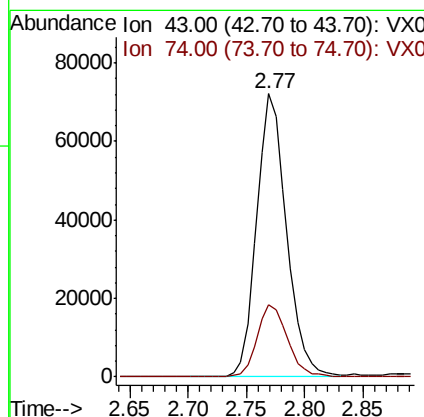
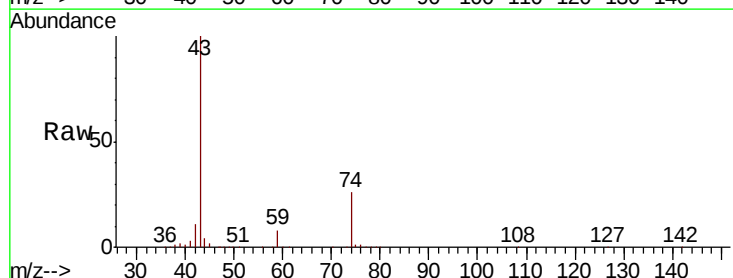
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

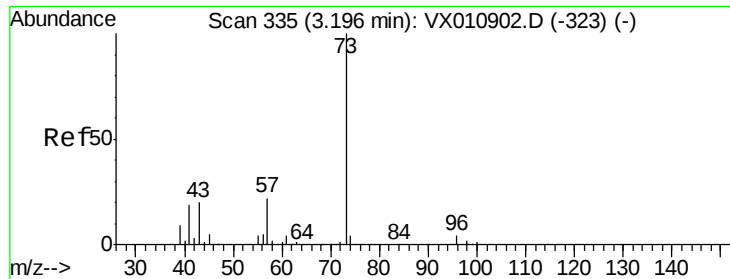
Tot Ion: 76 Resp: 278367
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 47.300 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 43 Resp: 127893
Ion Ratio Lower Upper
43 100
74 26.5 21.5 32.3

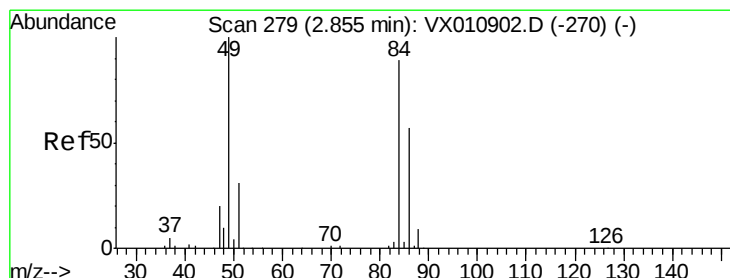
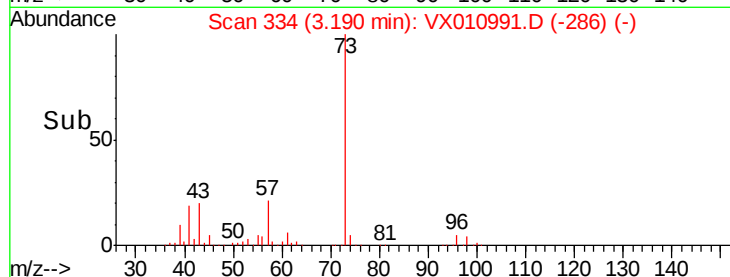
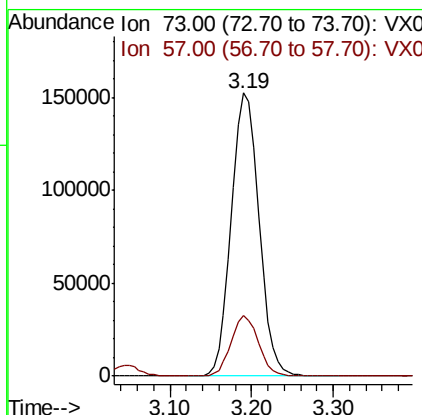
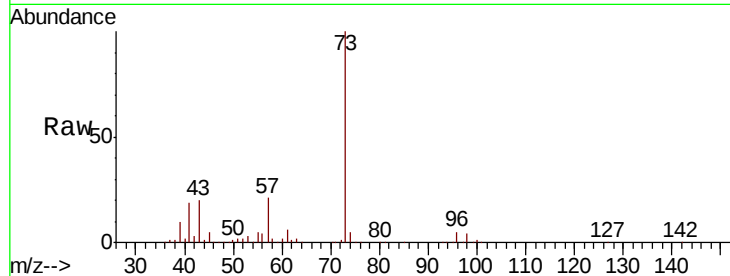




#19
Methyl tert-butyl Ether
Concen: 50.592 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

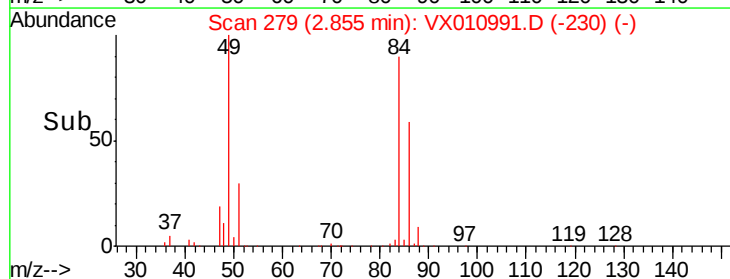
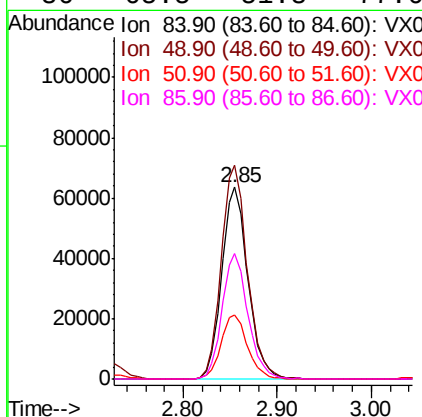
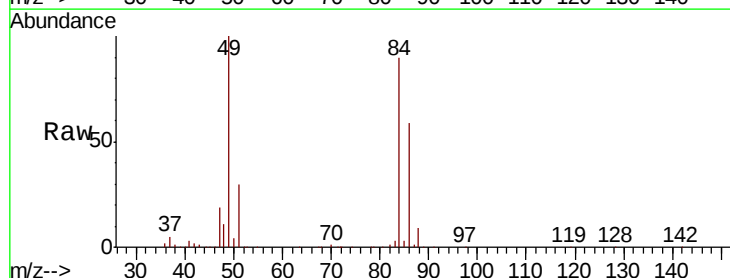
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

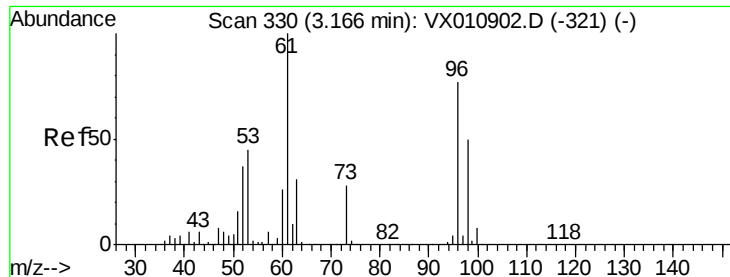
Tot Ion: 73 Resp: 358513
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.642 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 84 Resp: 122405
Ion Ratio Lower Upper
84 100
49 111.3 89.9 134.9
51 33.5 27.8 41.6
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.596 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

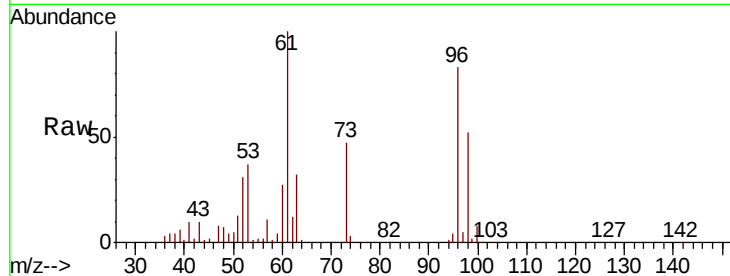
Tot Ion: 96 Resp: 115841

Ion Ratio Lower Upper

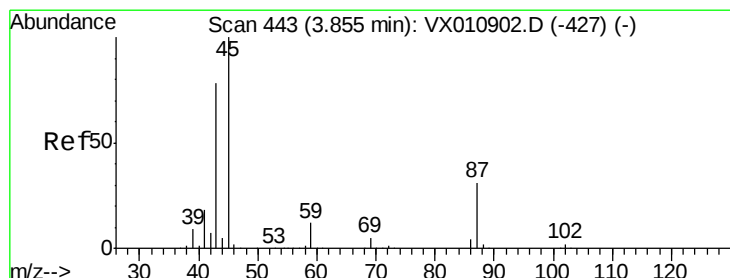
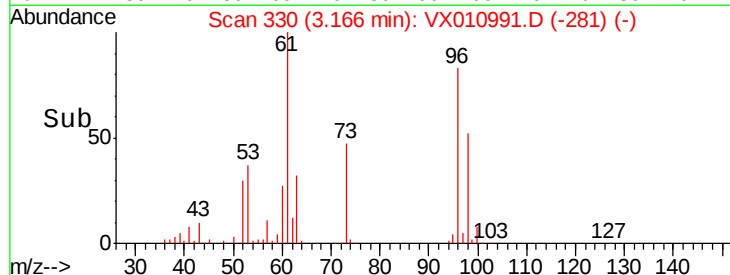
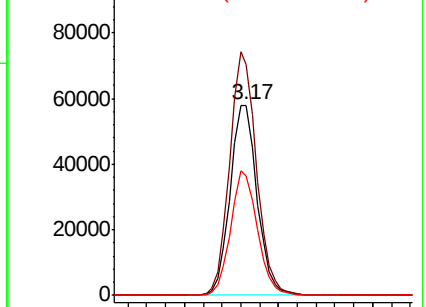
96 100

61 121.0 104.2 156.2

98 62.6 52.2 78.4



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: 50.425 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion: 45 Resp: 340049

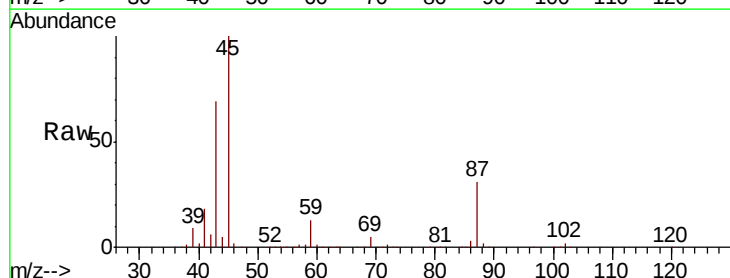
Ion Ratio Lower Upper

45 100

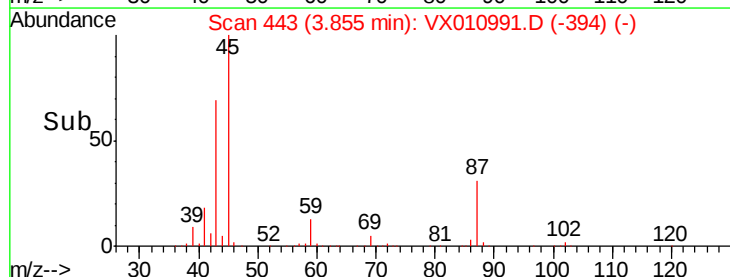
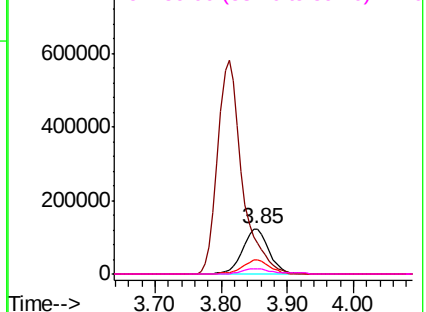
43 68.9 62.3 93.5

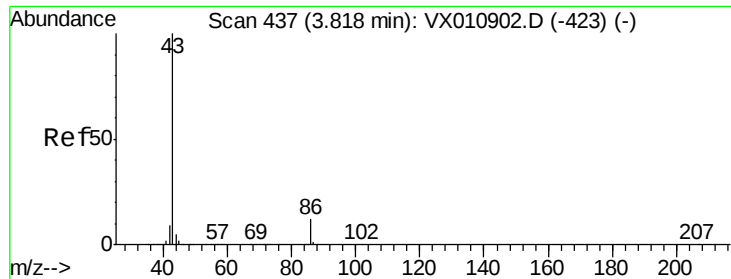
87 31.4 25.0 37.4

59 12.6 9.9 14.9



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: 262.065 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

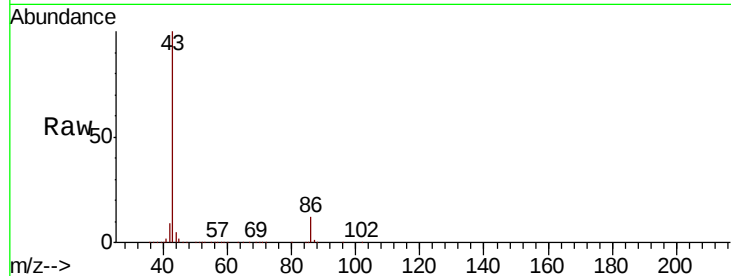
VSTDCCC050

Tot Ion: 43 Resp: 1497406

Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

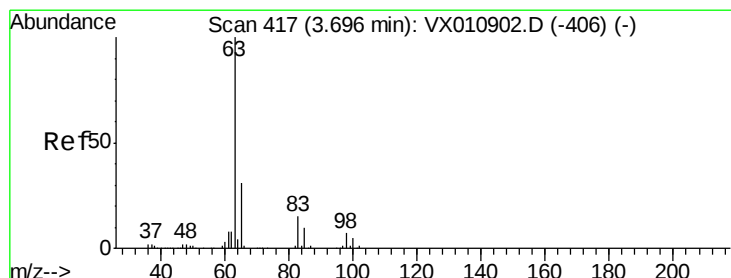
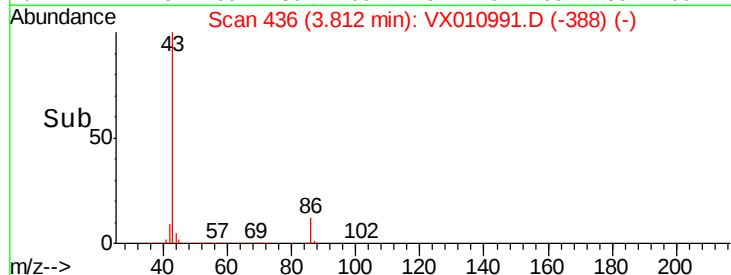
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.053 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

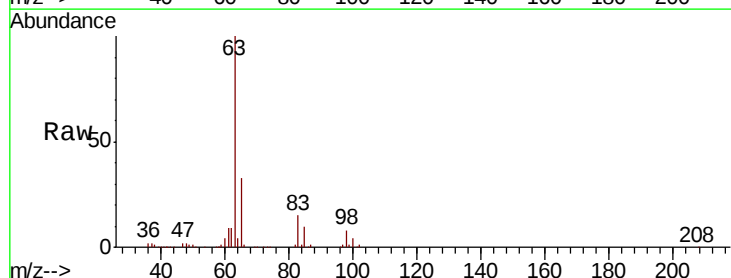
Tgt Ion: 63 Resp: 192113

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

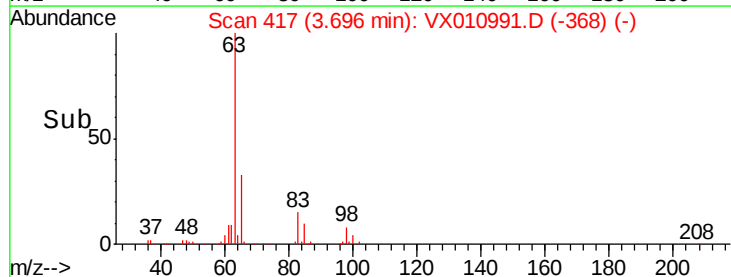
60000

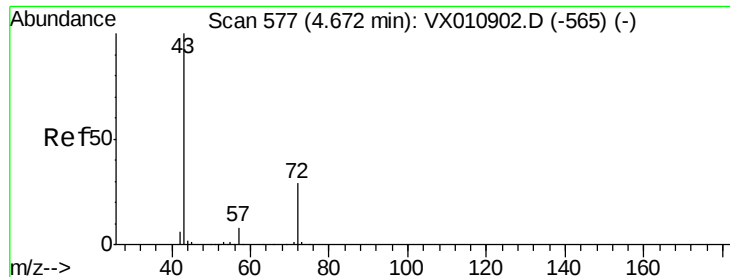
40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.364 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

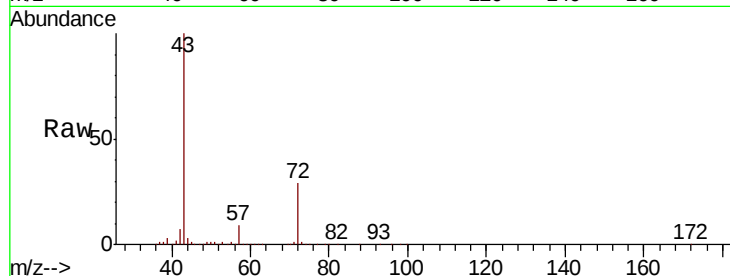
VSTDCCC050

Tot Ion: 43 Resp: 435284

Ion Ratio Lower Upper

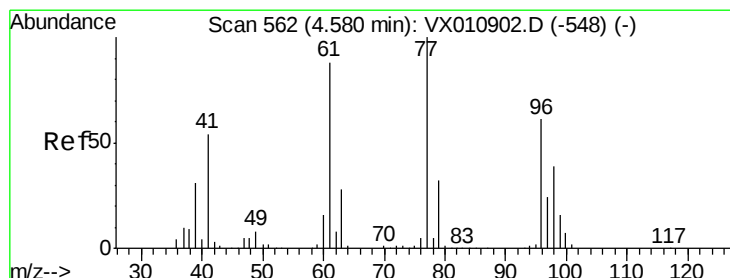
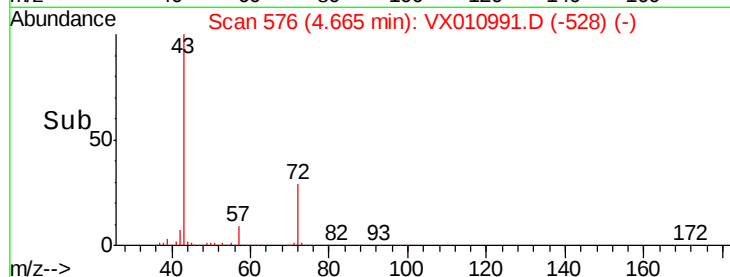
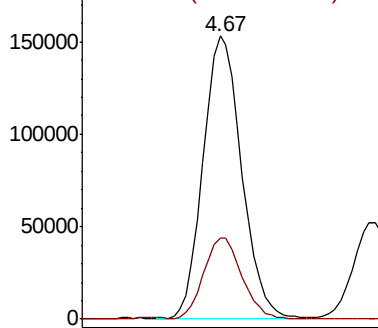
43 100

72 28.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.394 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010991.D

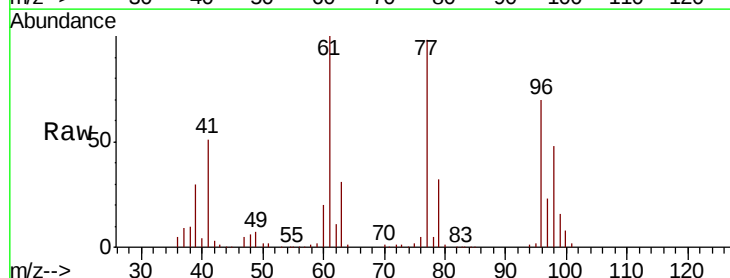
Acq: 19 Jul 2019 10:20

Tgt Ion: 77 Resp: 171698

Ion Ratio Lower Upper

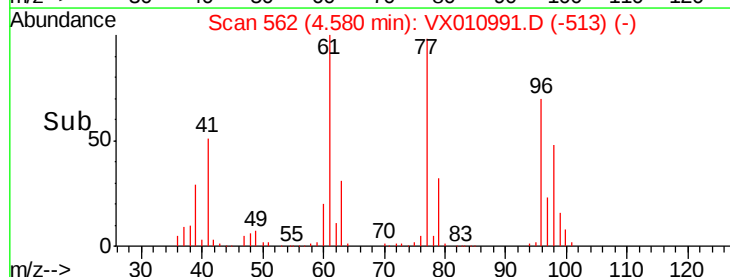
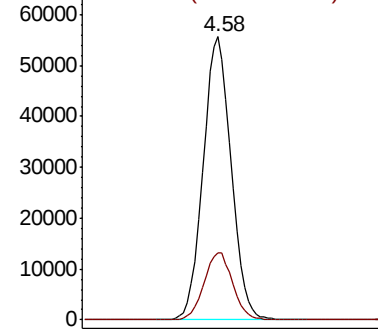
77 100

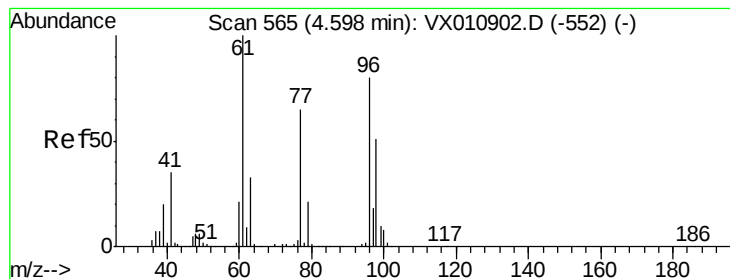
97 24.2 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



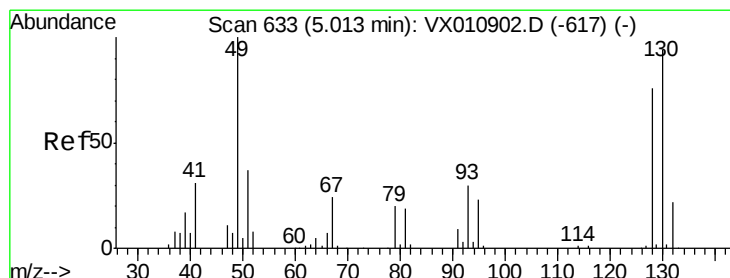
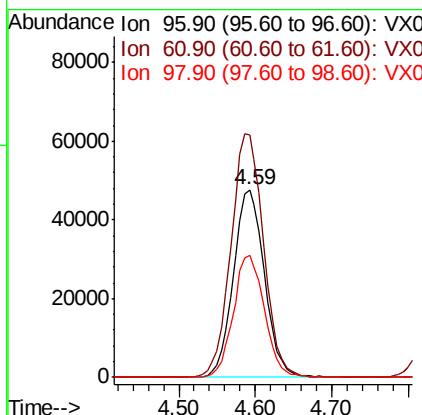
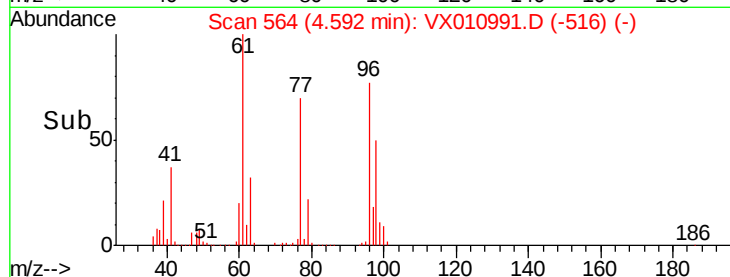
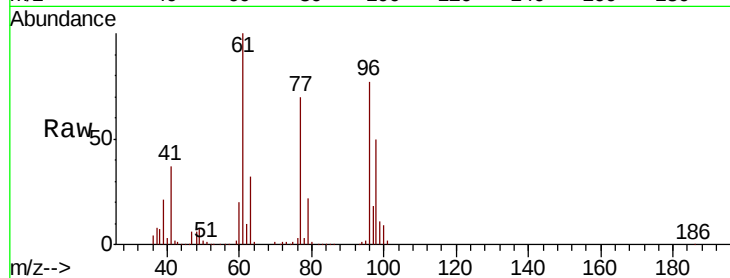


#27

cis-1,2-Dichloroethene
Concen: 49.500 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

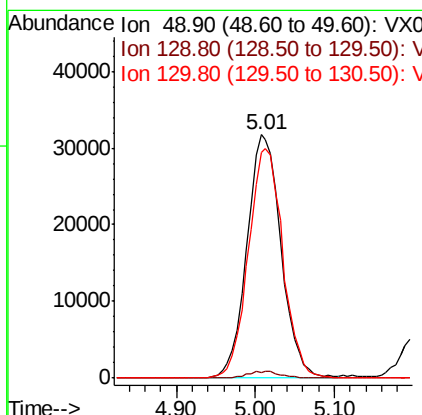
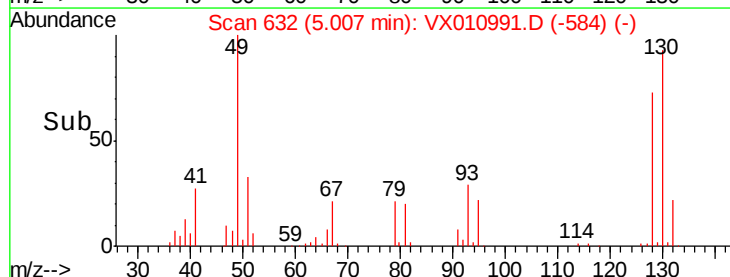
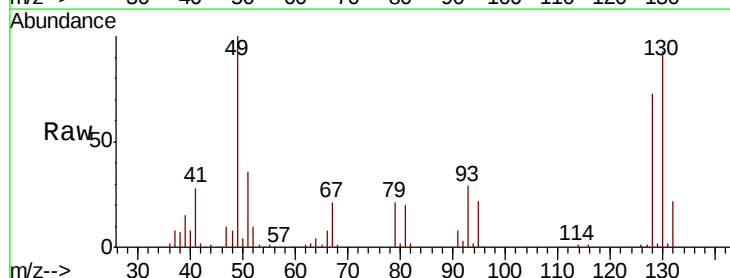
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	269.0
98	65.2	0.0	131.4

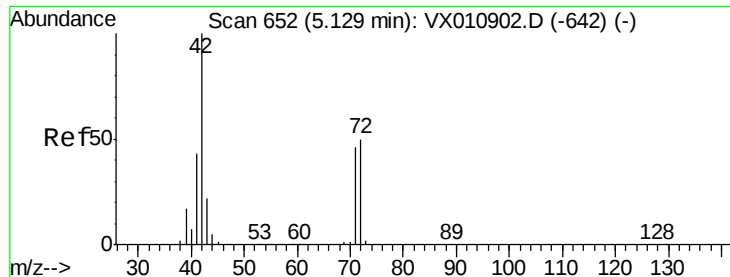


#28

Bromochloromethane
Concen: 51.744 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	95.0	76.9	115.3





#29

Tetrahydrofuran

Concen: 241.296 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

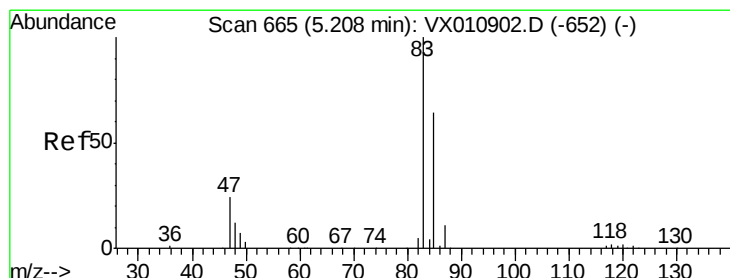
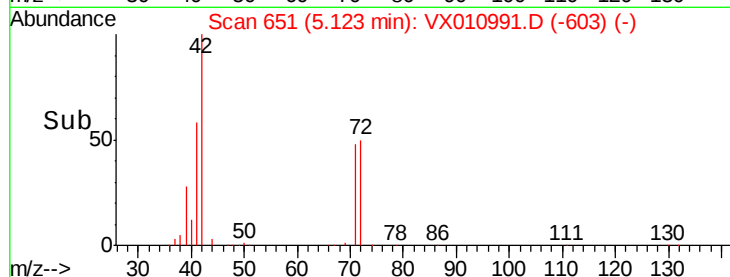
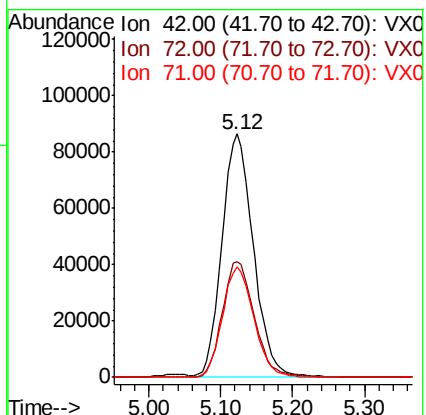
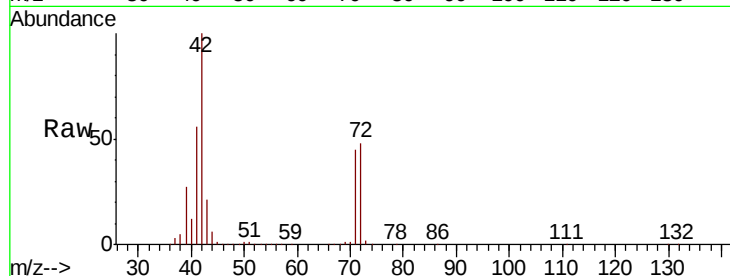
Tot Ion: 42 Resp: 260537

Ion Ratio Lower Upper

42 100

72 49.1 39.8 59.8

71 45.7 37.0 55.4



#30

Chloroform

Concen: 50.197 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX010991.D

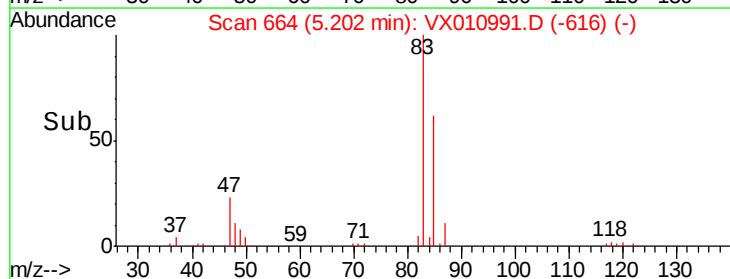
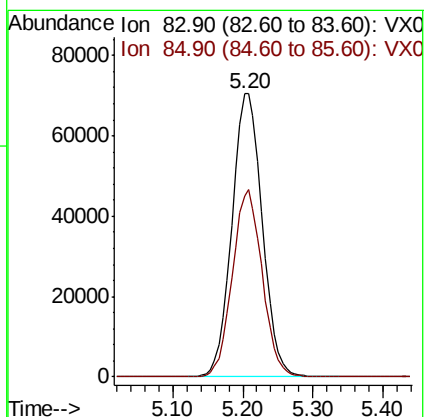
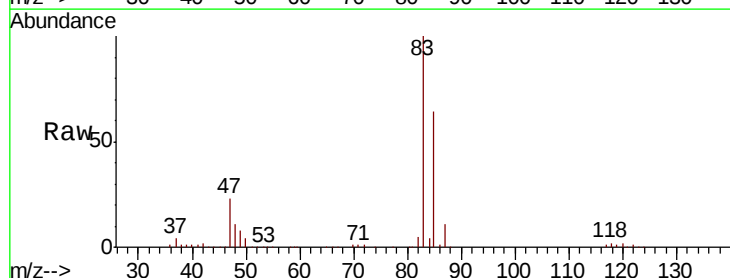
Acq: 19 Jul 2019 10:20

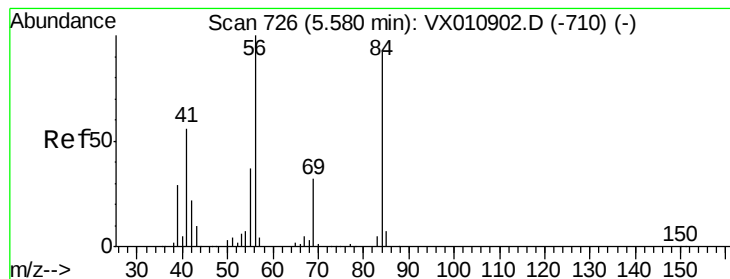
Tgt Ion: 83 Resp: 212495

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.0





#31

Cyclohexane

Concen: 51.034 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

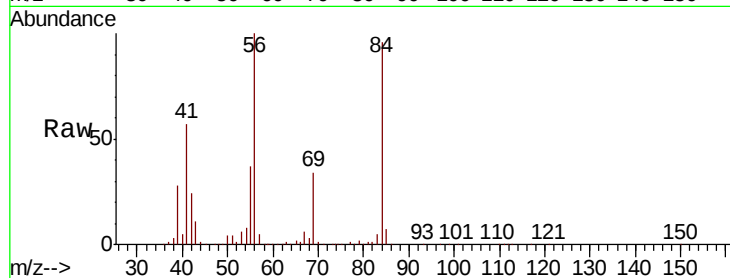
Tot Ion: 56 Resp: 182178

Ion Ratio Lower Upper

56 100

69 33.7 25.8 38.8

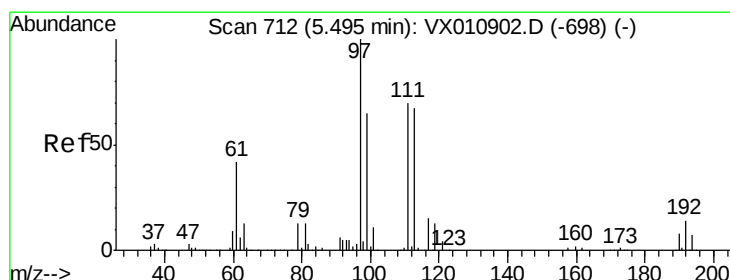
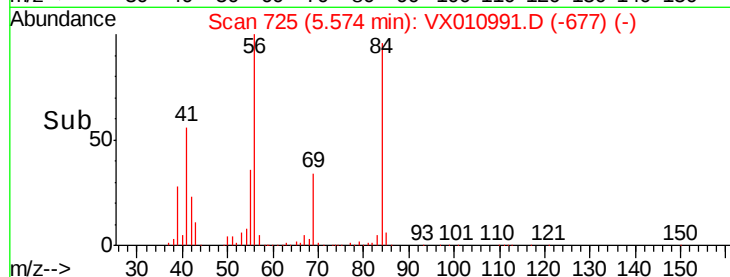
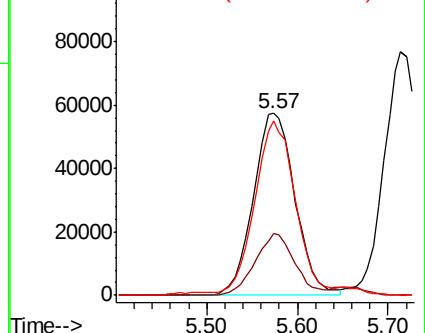
84 94.2 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.609 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

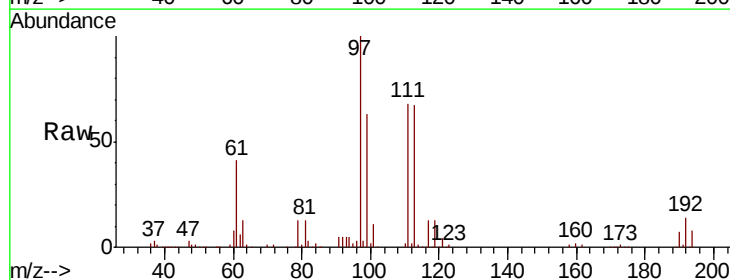
Tgt Ion: 97 Resp: 189013

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

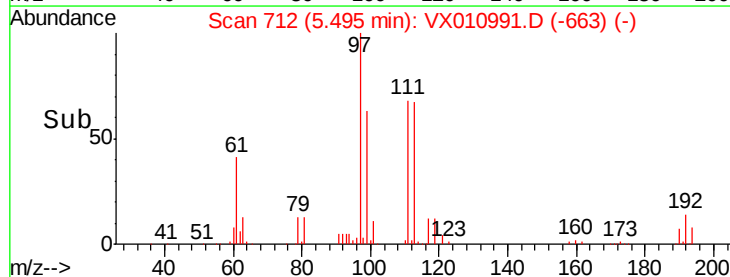
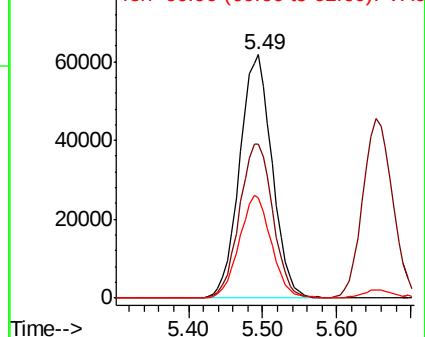
61 41.9 33.0 49.6

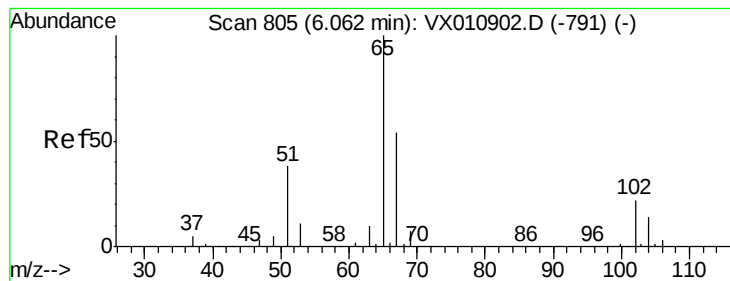


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.444 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

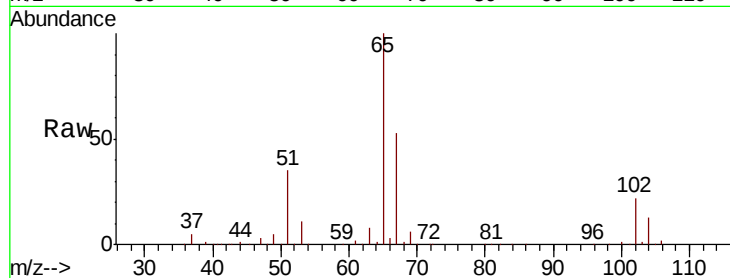
VSTDCCC050

Tot Ion: 65 Resp: 129996

Ion Ratio Lower Upper

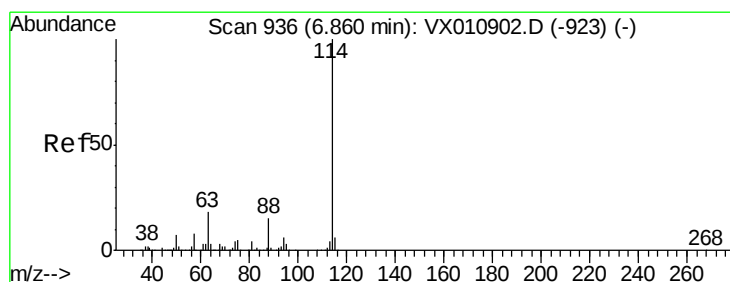
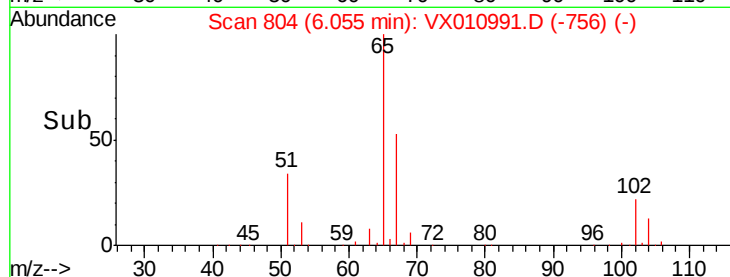
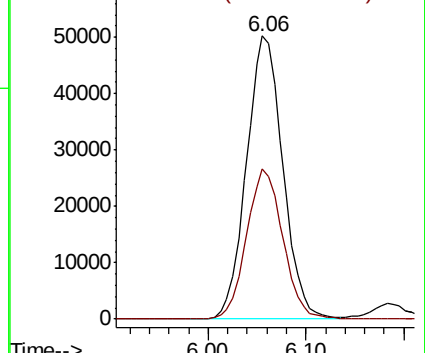
65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

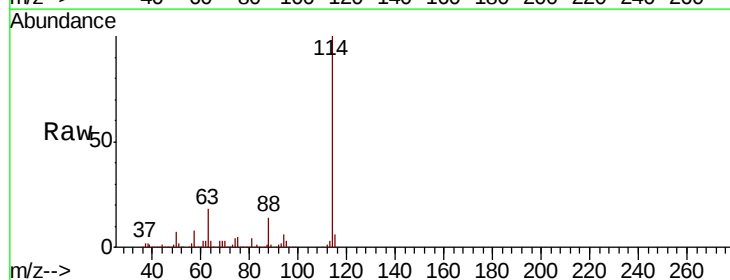
Tgt Ion: 114 Resp: 359386

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

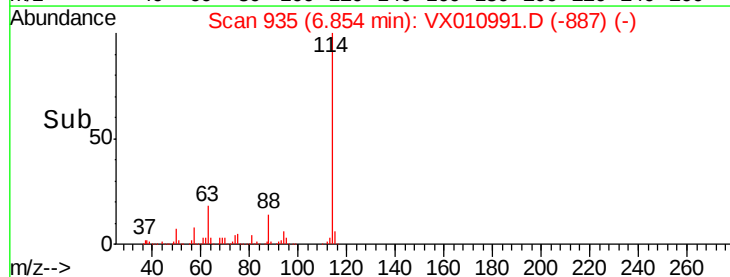
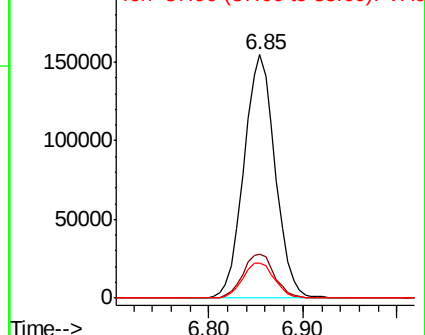
88 14.5 0.0 29.8

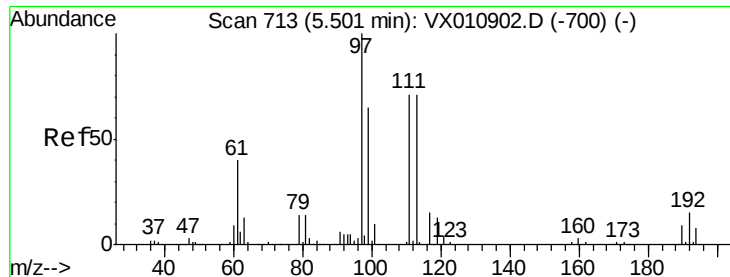


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

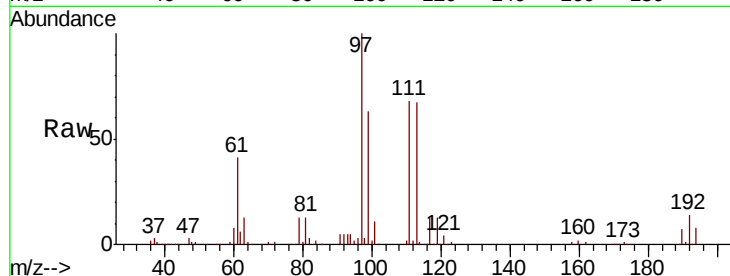




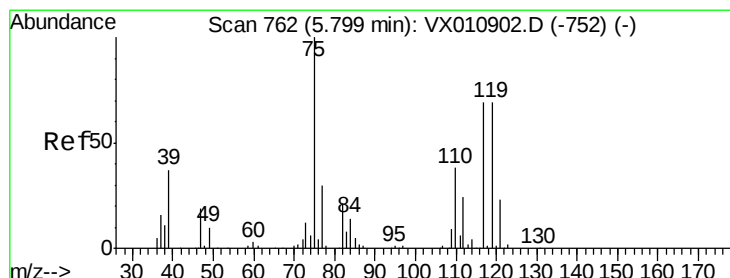
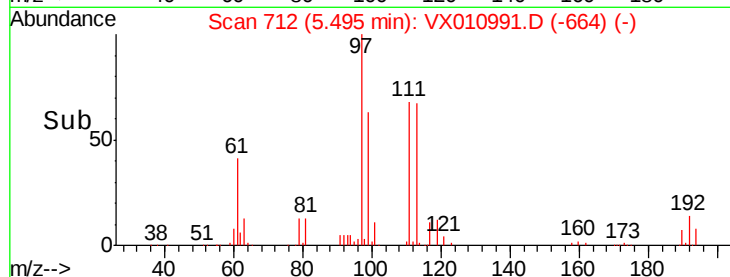
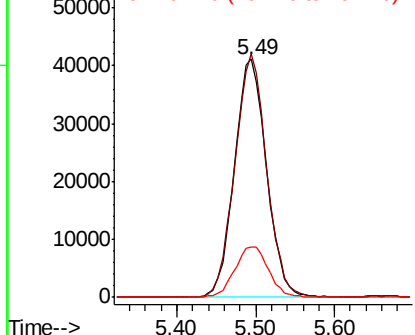
#35
 Dibromofluoromethane
 Concen: 51.065 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 116484
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.3 123.5
 192 22.3 17.4 26.2

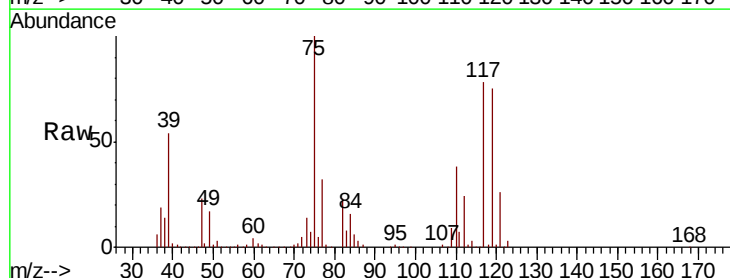


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

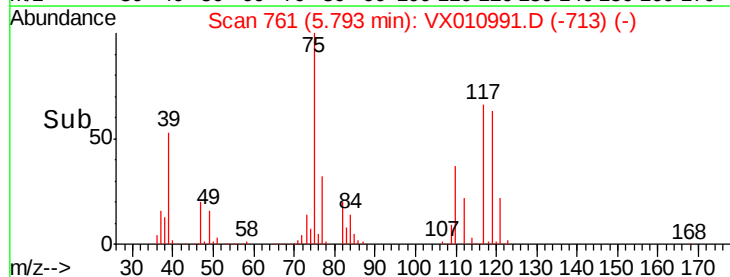
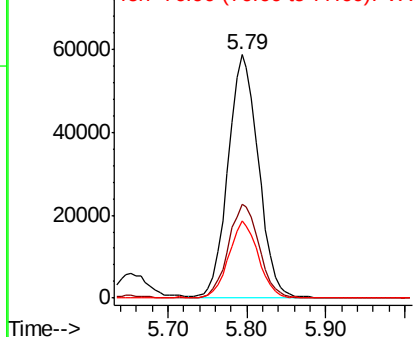


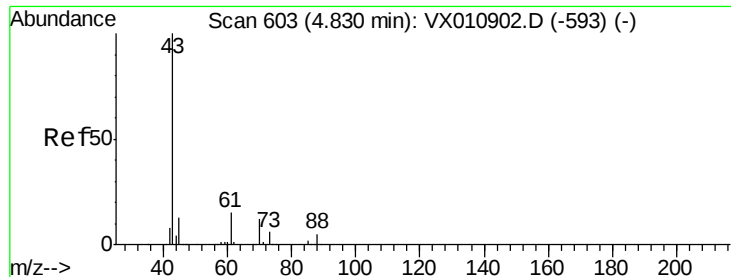
#36
 1,1-Dichloropropene
 Concen: 53.193 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion: 75 Resp: 157027
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.9 59.7
 77 30.9 25.0 37.4



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

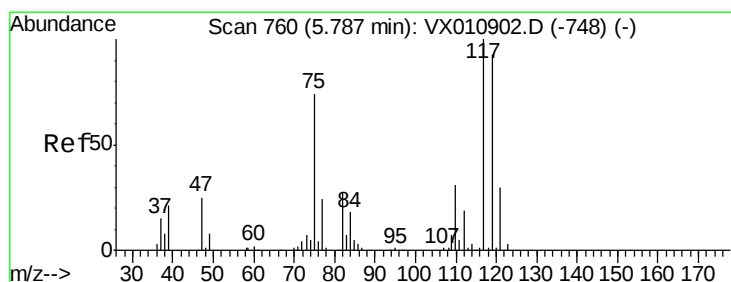
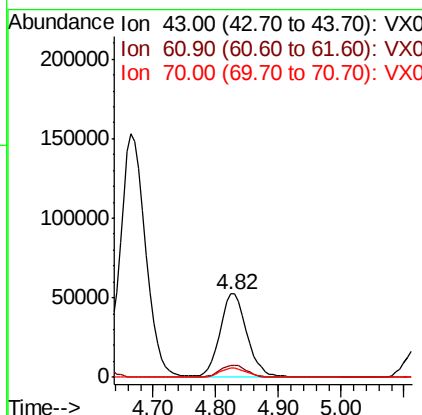
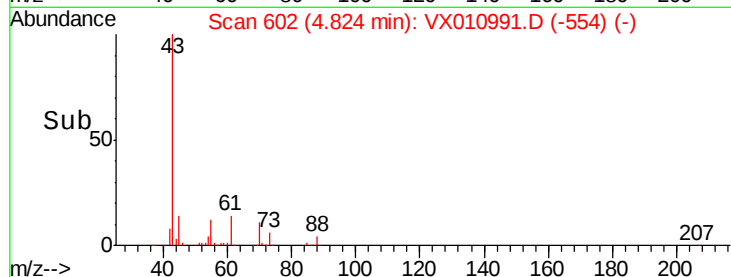
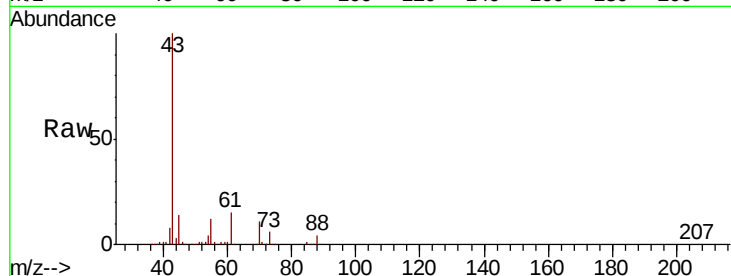




#37
Ethyl Acetate
Concen: 52.075 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

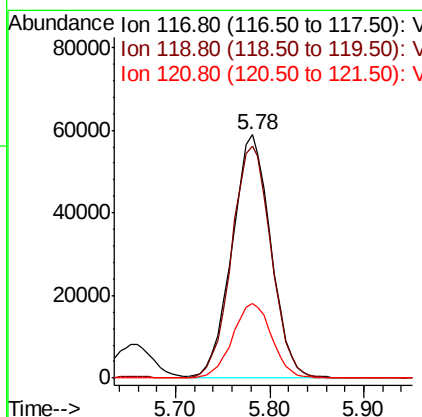
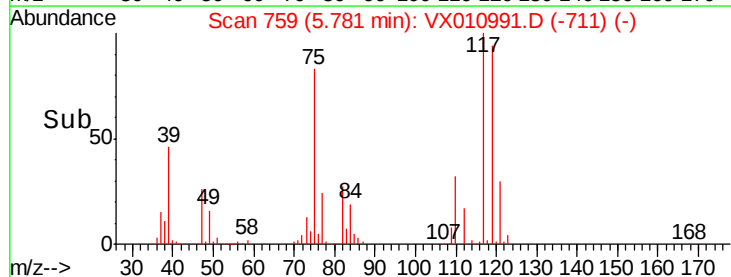
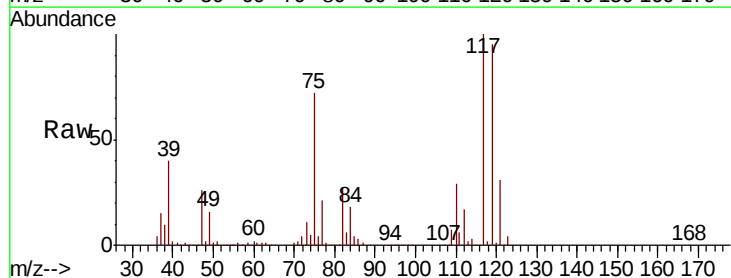
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

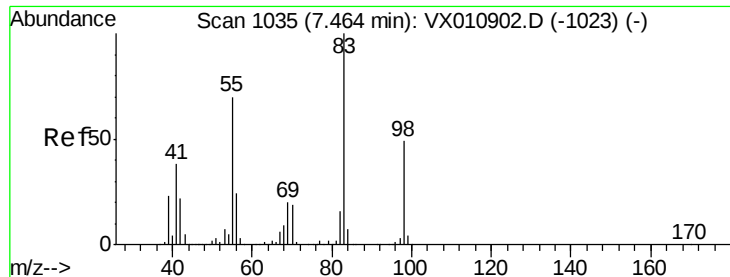
Tot Ion: 43 Resp: 157410
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 54.937 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 117 Resp: 168994
Ion Ratio Lower Upper
117 100
119 95.2 74.2 111.2
121 30.4 24.2 36.2

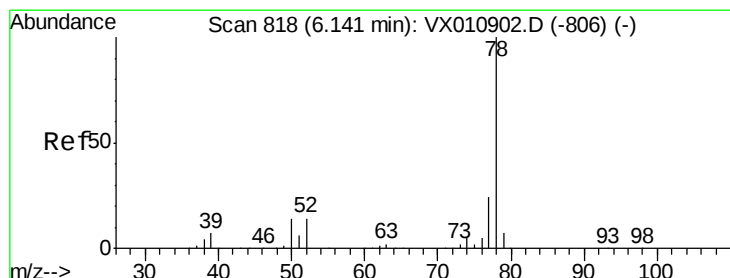
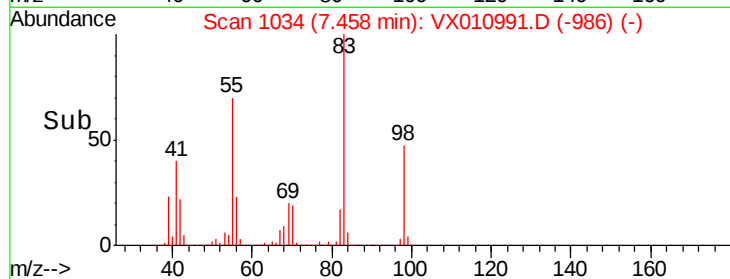
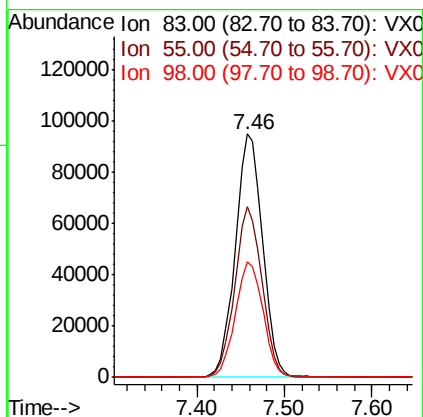
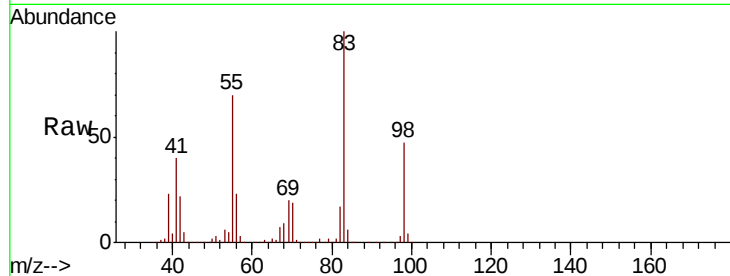




#39
Methvlcvclohexane
Concen: 53.931 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

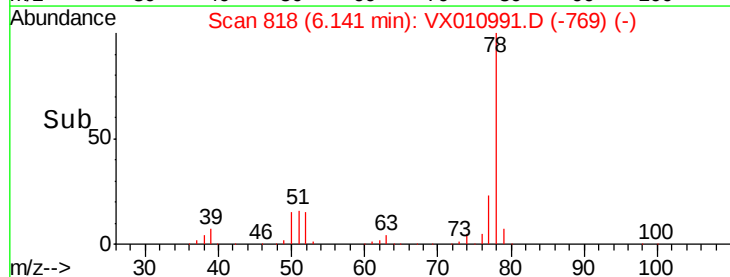
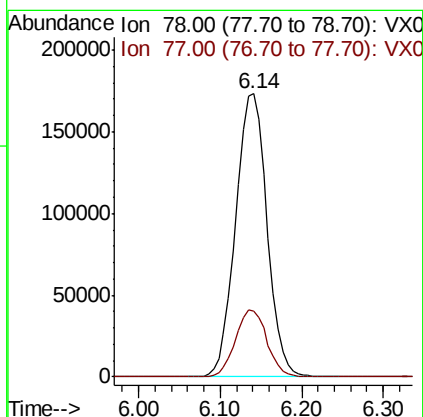
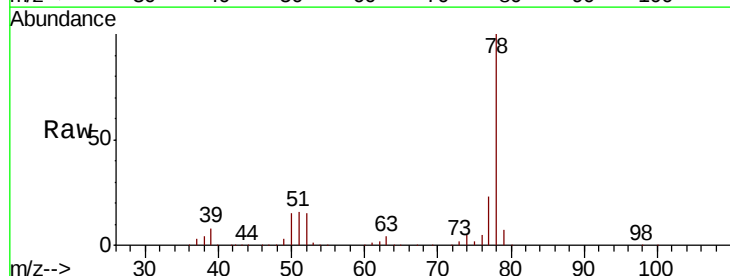
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

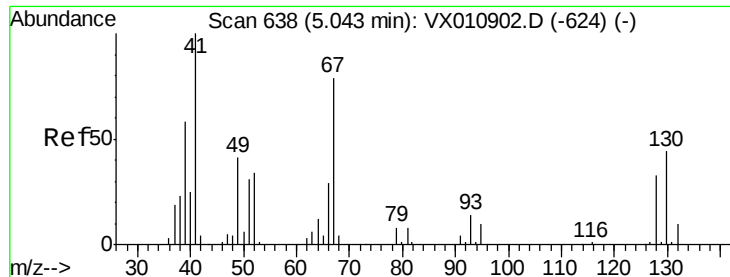
Tot Ion: 83 Resp: 206458
Ion Ratio Lower Upper
83 100
55 70.3 56.2 84.4
98 47.4 39.0 58.4



#40
Benzene
Concen: 51.131 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 78 Resp: 462358
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

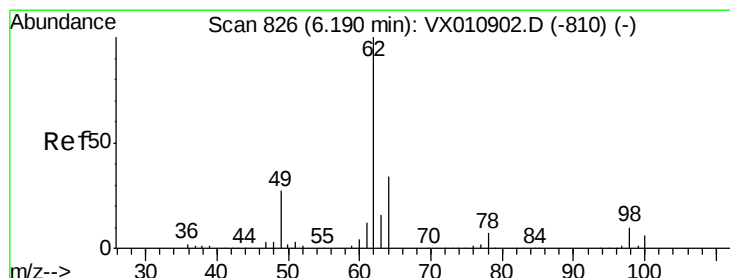
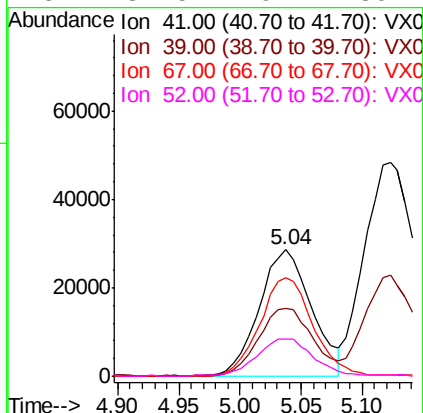
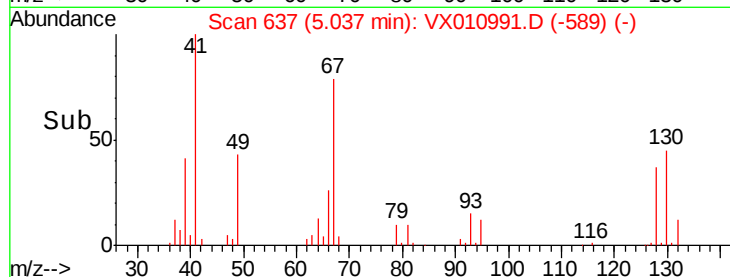
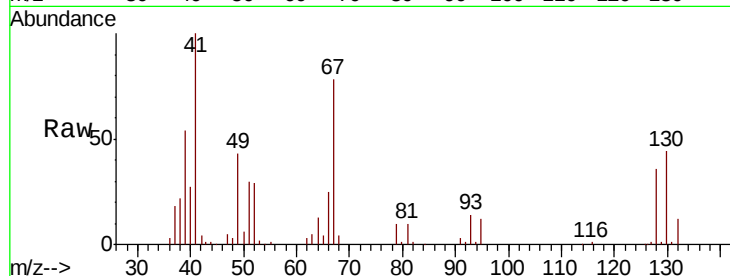




#41
Methacrylonitrile
Concen: 49.659 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

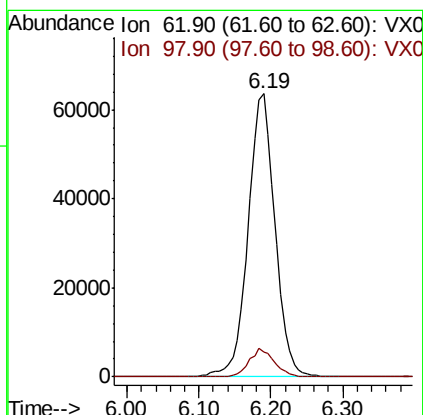
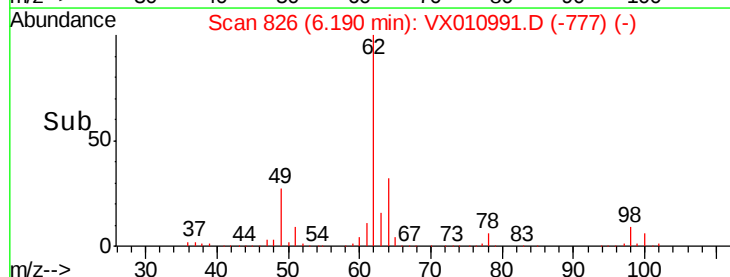
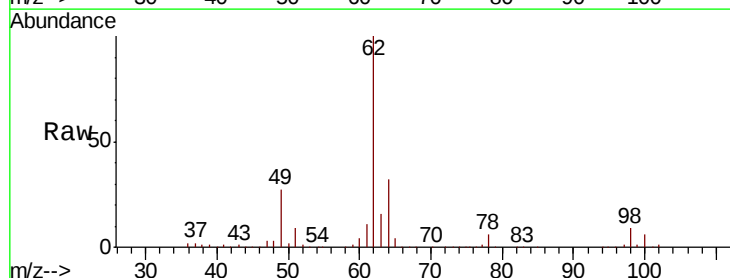
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

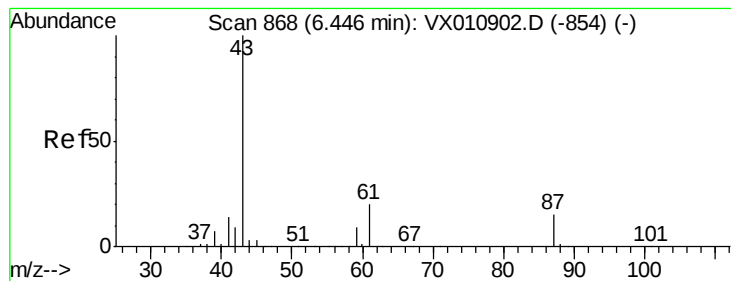
Tot Ion:	41	Resp:	85213
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.2
67	79.7	65.9	98.9
52	32.5	26.2	39.2



#42
1,2-Dichloroethane
Concen: 52.186 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:	62	Resp:	164078
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 51.744 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

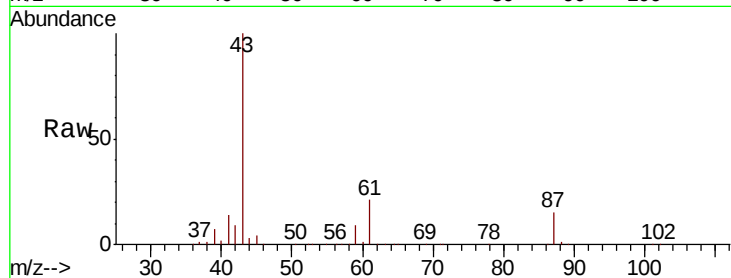
Tot Ion: 43 Resp: 257186

Ion Ratio Lower Upper

43 100

61 20.7 17.1 25.7

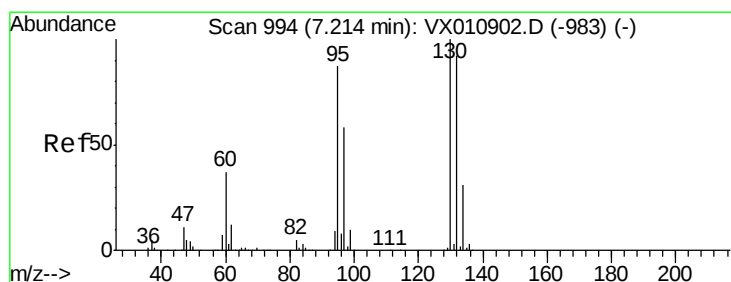
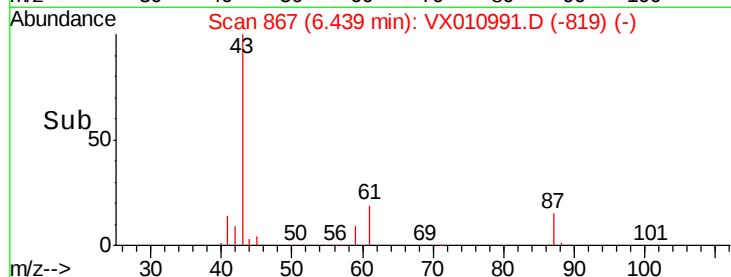
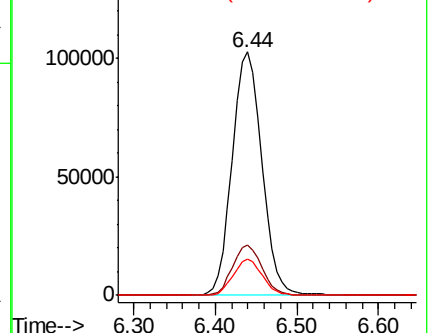
87 14.7 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.847 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010991.D

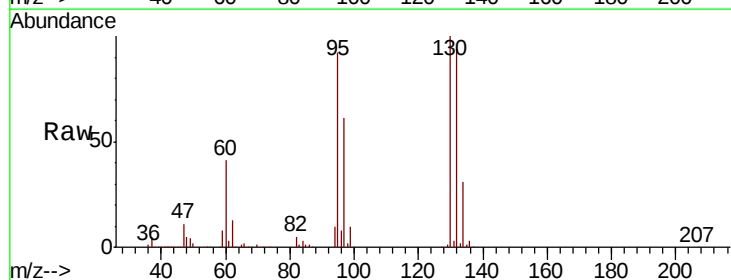
Acq: 19 Jul 2019 10:20

Tgt Ion:130 Resp: 136100

Ion Ratio Lower Upper

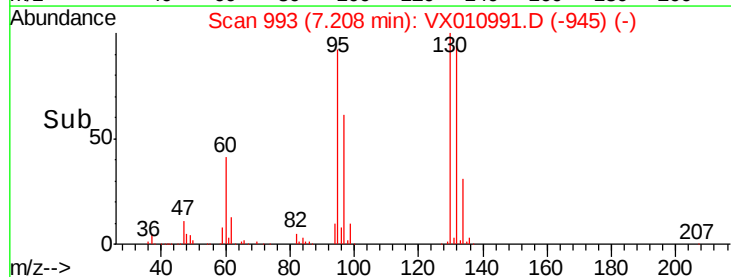
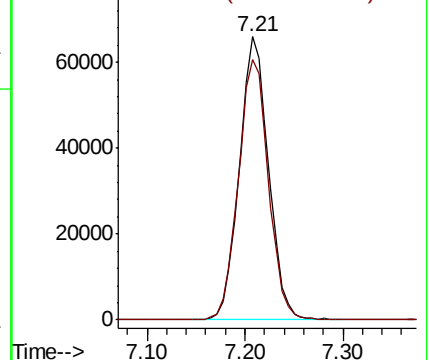
130 100

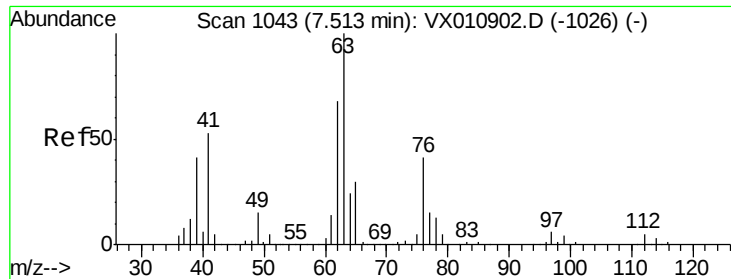
95 91.9 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.422 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

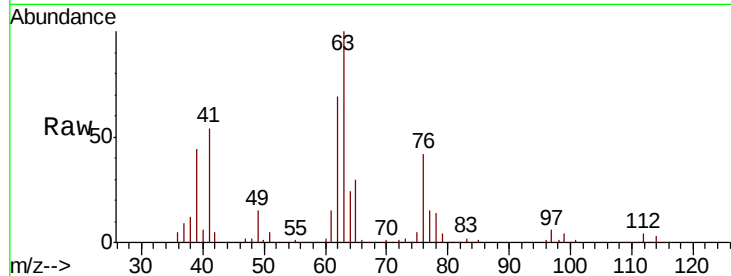
VSTDCCC050

Tot Ion: 63 Resp: 118350

Ion Ratio Lower Upper

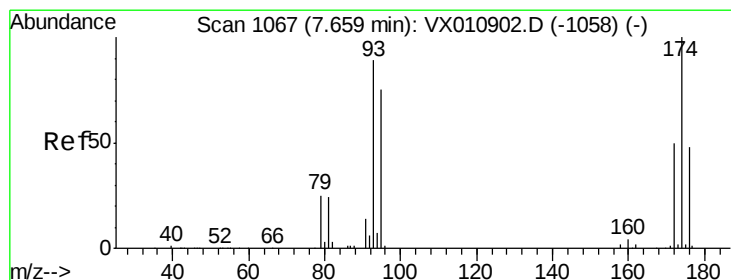
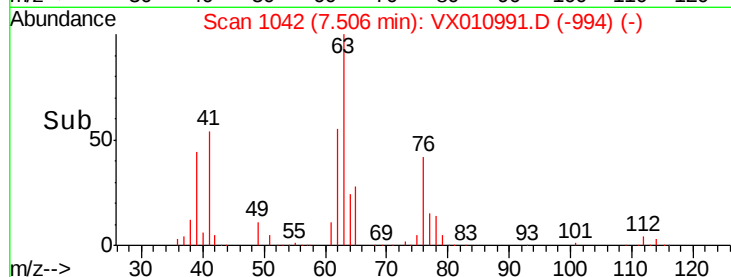
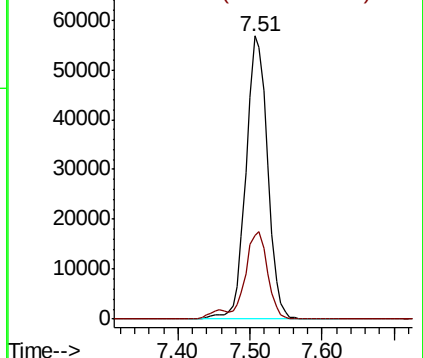
63 100

65 29.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.190 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

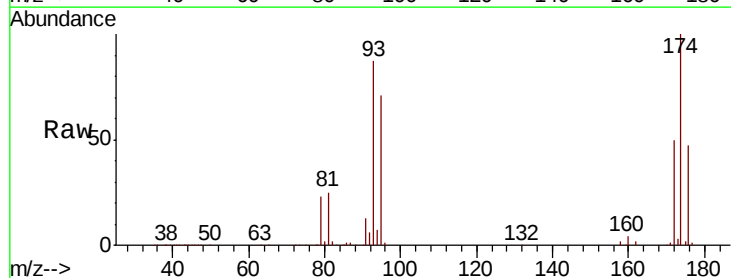
Tgt Ion: 93 Resp: 85831

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

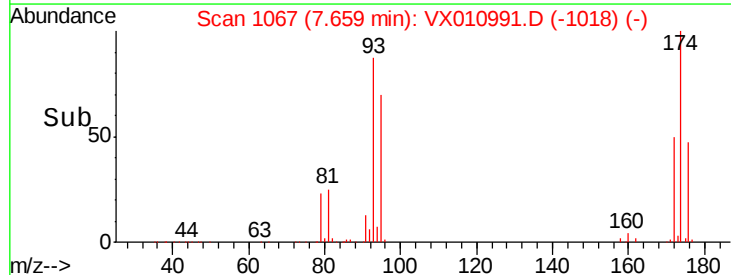
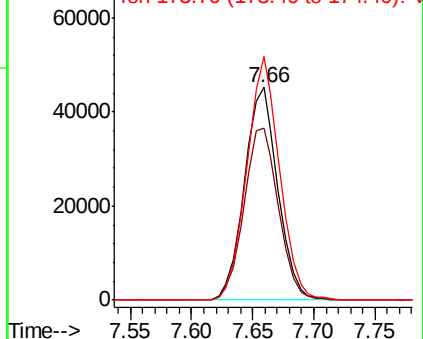
174 112.2 90.6 135.8

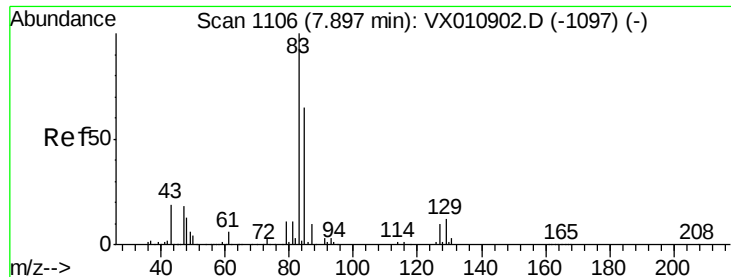


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.349 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

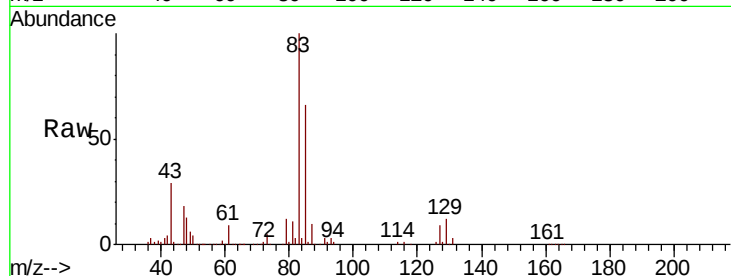
Tot Ion: 83 Resp: 162035

Ion Ratio Lower Upper

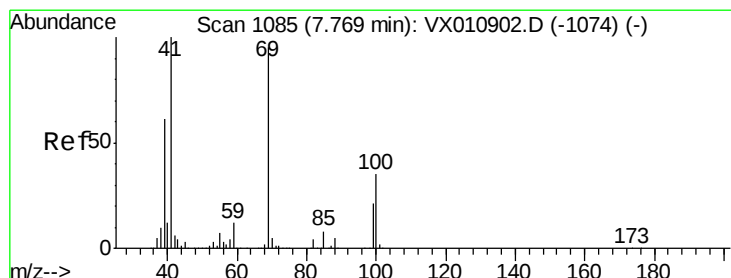
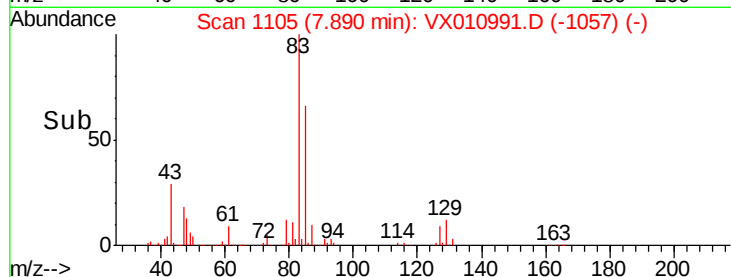
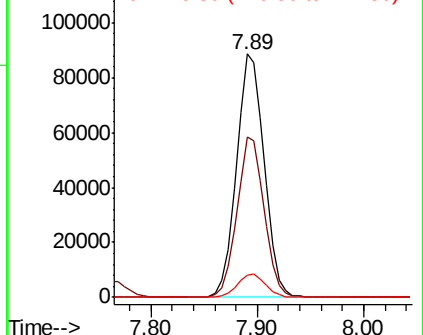
83 100

85 66.0 52.5 78.7

127 8.9 7.8 11.8



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: 52.038 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

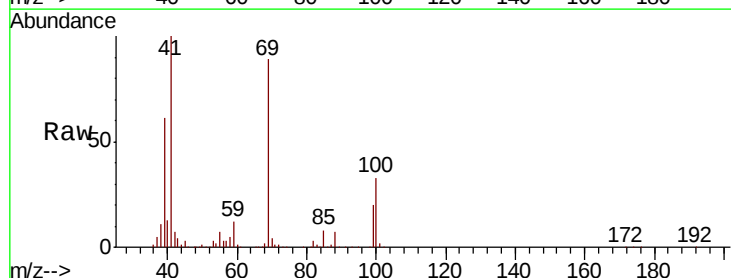
Tgt Ion: 41 Resp: 126002

Ion Ratio Lower Upper

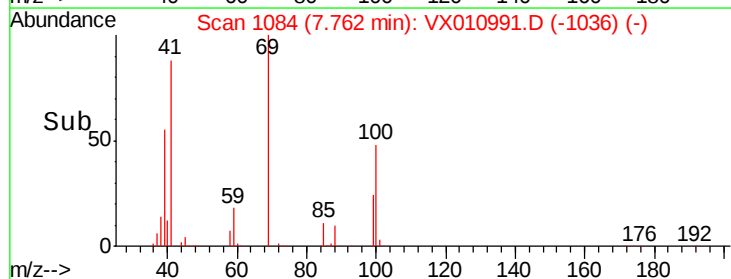
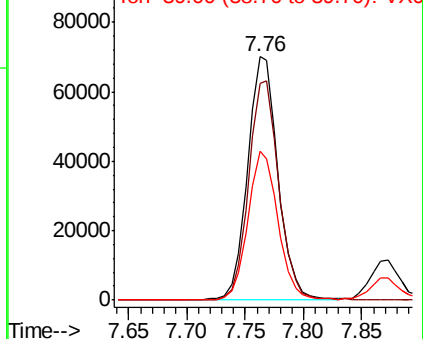
41 100

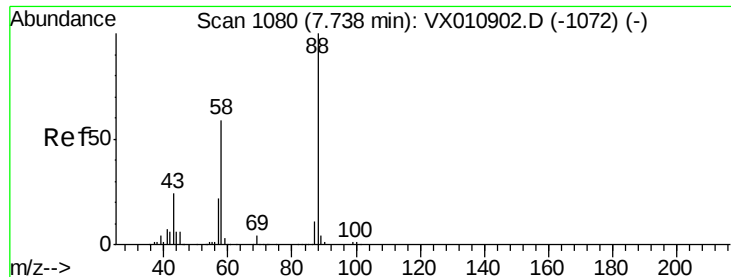
69 91.0 74.4 111.6

39 60.8 48.9 73.3



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

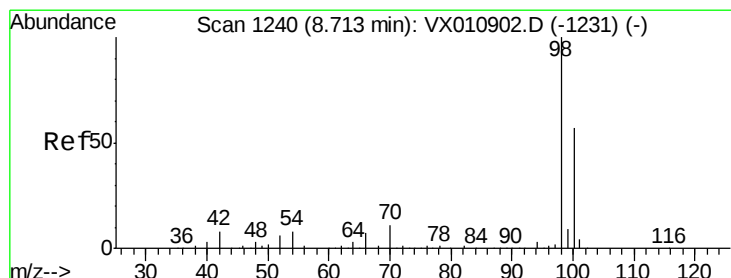
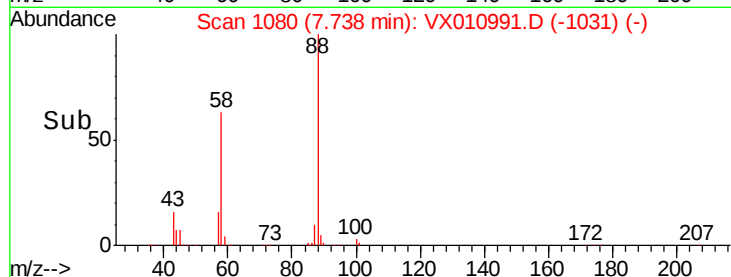
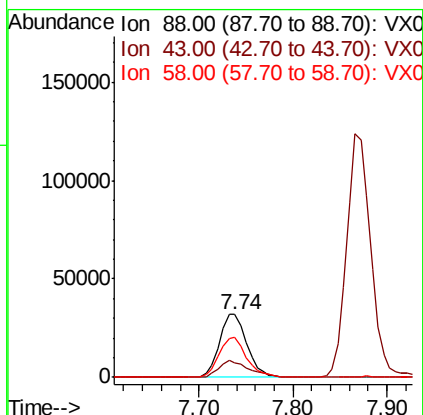
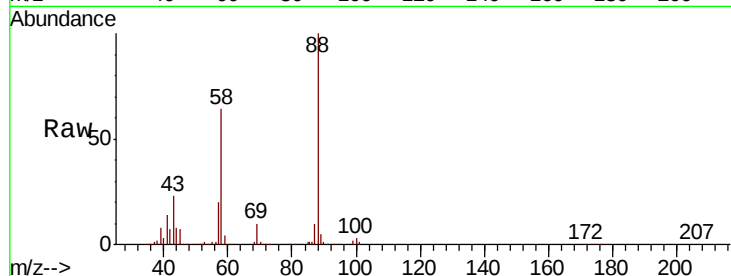




#49
1,4-Dioxane
Concen: 956.488 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

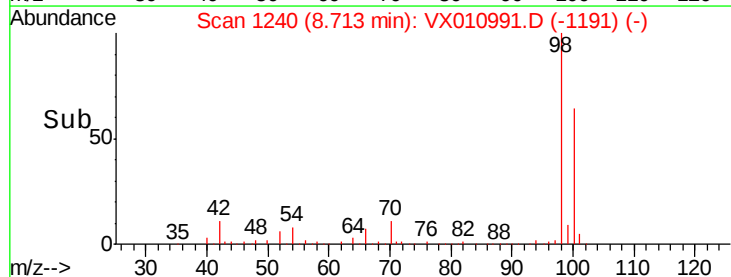
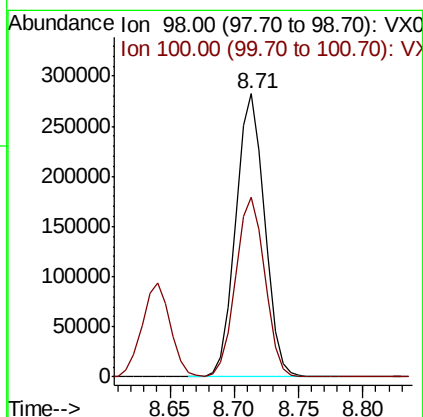
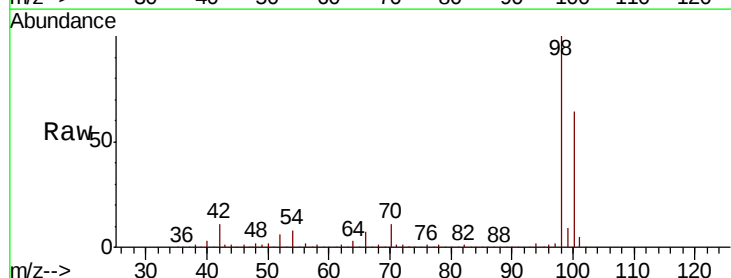
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 64783
Ion Ratio Lower Upper
88 100
43 28.4 22.9 34.3
58 63.6 49.8 74.8



#50
Toluene-d8
Concen: 51.252 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 98 Resp: 438494
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 260.739 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

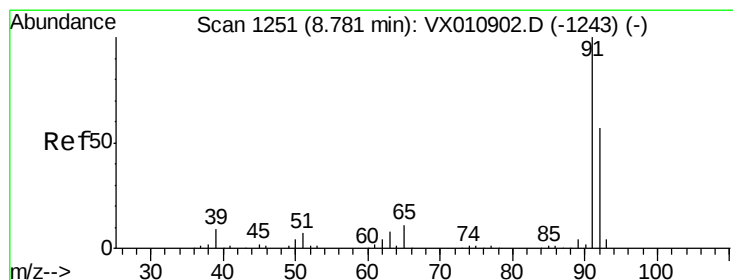
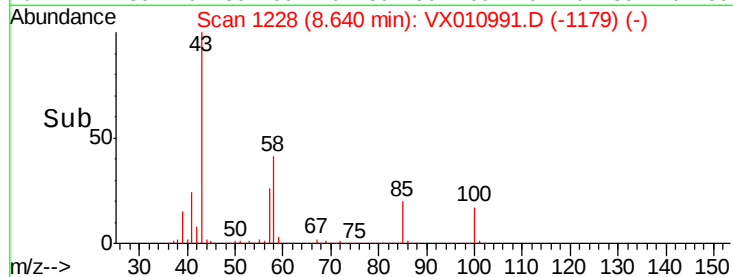
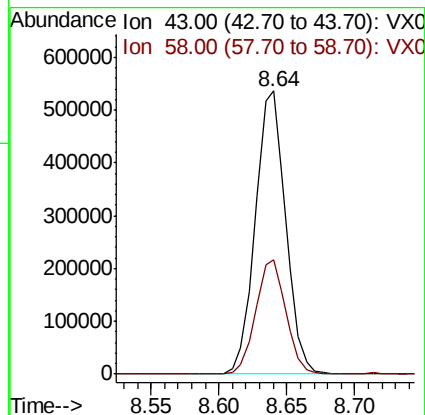
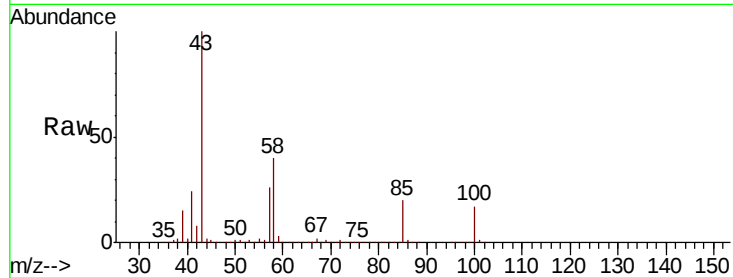
VSTDCCC050

Tot Ion: 43 Resp: 840099

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.4



#52

Toluene

Concen: 51.786 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010991.D

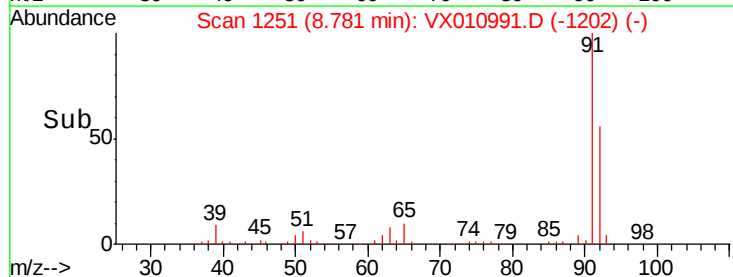
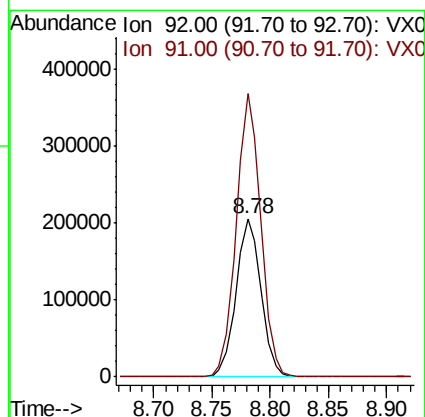
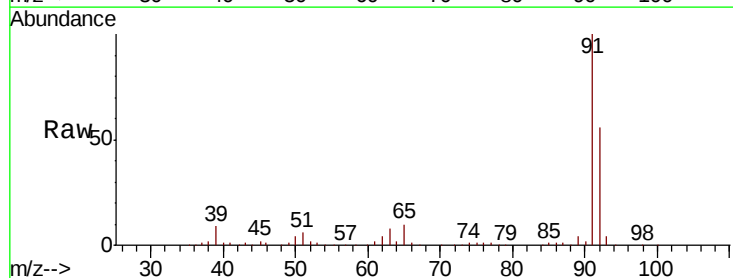
Acq: 19 Jul 2019 10:20

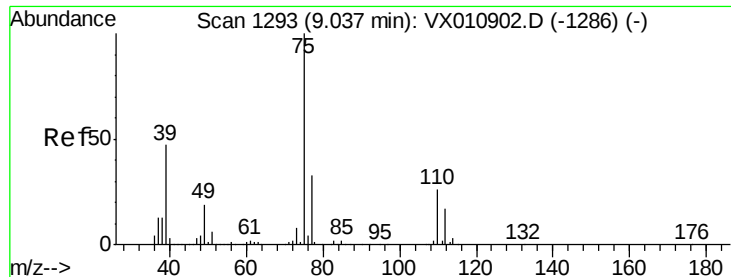
Tgt Ion: 92 Resp: 307627

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 57.287 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

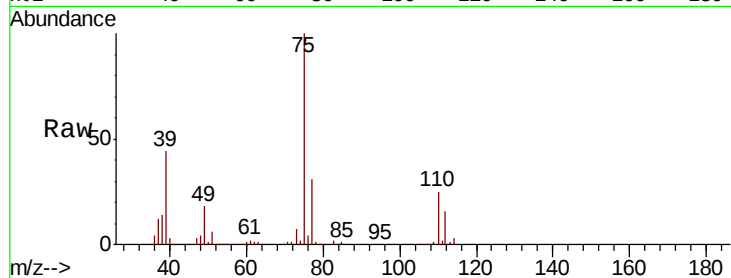
VSTDCCC050

Tot Ion: 75 Resp: 180331

Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX010902.D (-1286) (-)

Ion 76.90 (76.60 to 77.60): VX010902.D (-1286) (-)

9.04

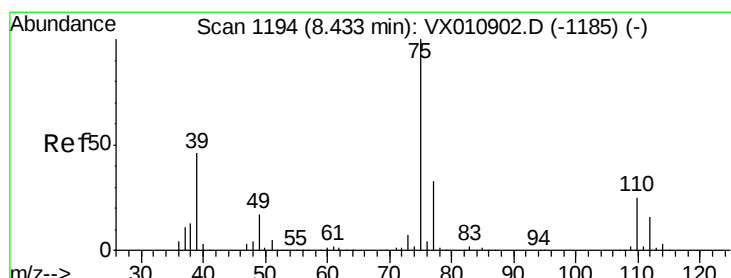
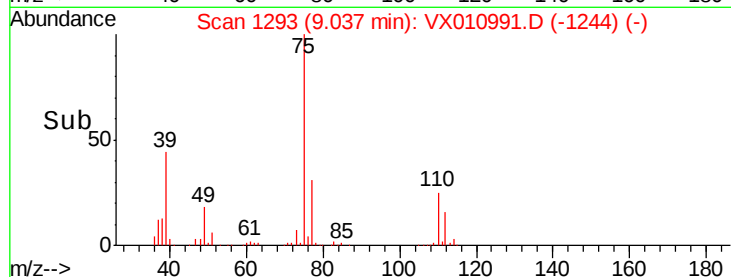
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 54.904 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

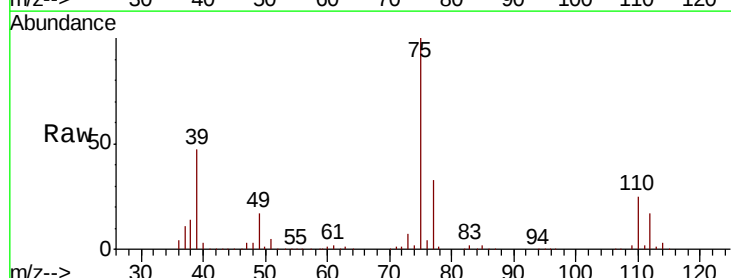
Tgt Ion: 75 Resp: 192313

Ion Ratio Lower Upper

75 100

77 32.8 26.1 39.1

39 46.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX010902.D (-1185) (-)

Ion 76.90 (76.60 to 77.60): VX010902.D (-1185) (-)

Ion 39.00 (38.70 to 39.70): VX010902.D (-1185) (-)

8.43

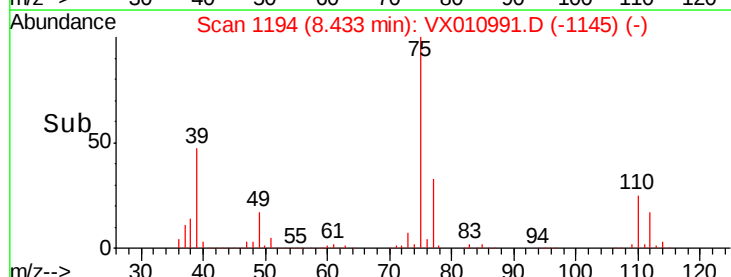
150000

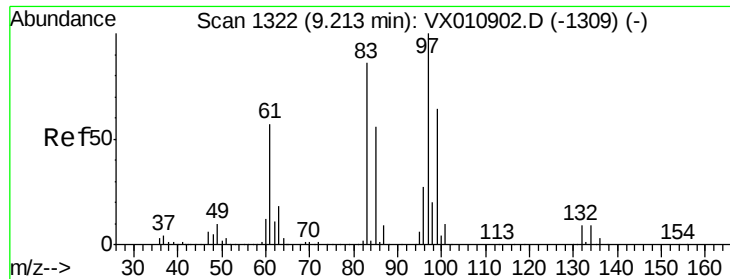
100000

50000

0

Time--> 8.40 8.50

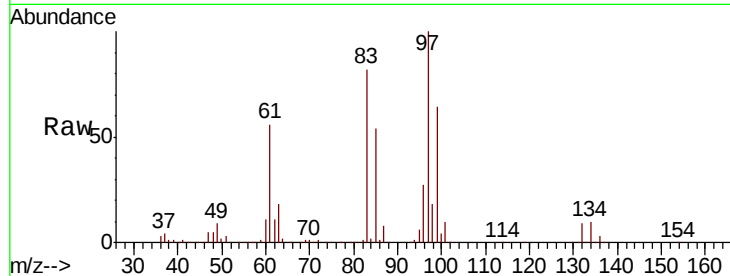




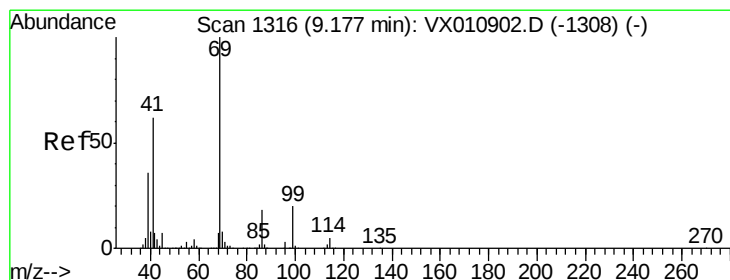
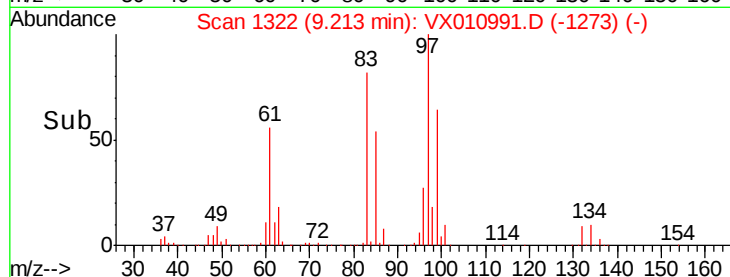
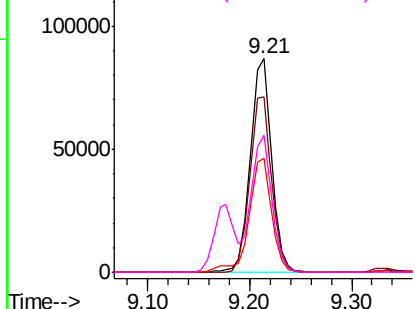
#55
 1,1,2-Trichloroethane
 Concen: 52.067 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	127353
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.2	103.8
85	53.6	44.6	66.8
99	64.0	51.2	76.8

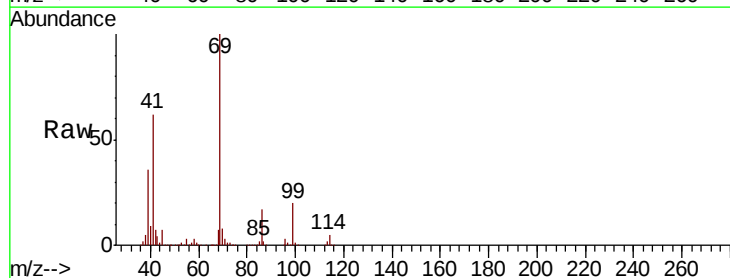


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

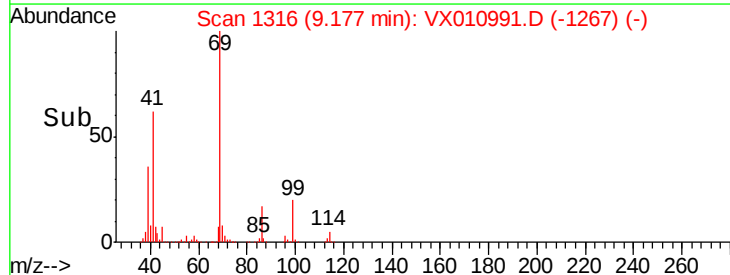
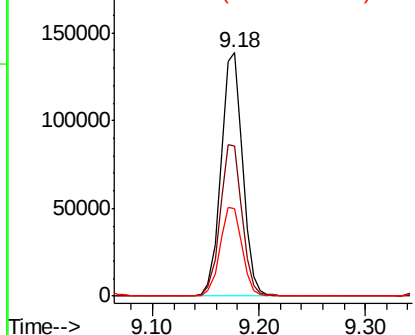


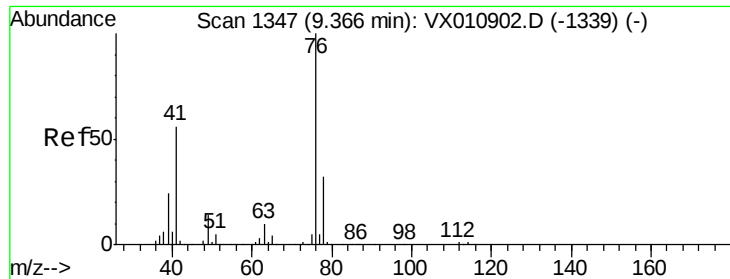
#56
 Ethyl methacrylate
 Concen: 54.854 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion:	69	Resp:	196257
Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.7	74.5
39	37.7	29.6	44.4



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: 52.072 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

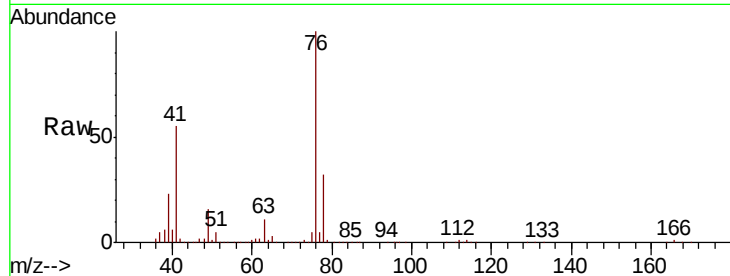
VSTDCCC050

Tot Ion: 76 Resp: 202048

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

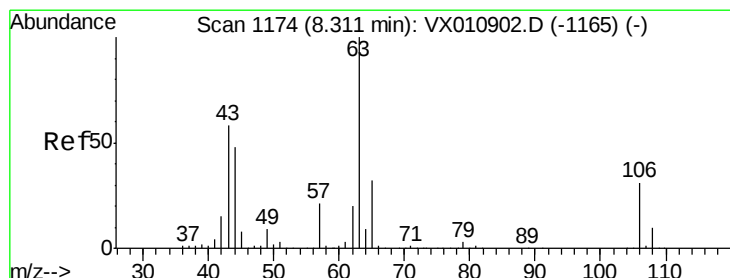
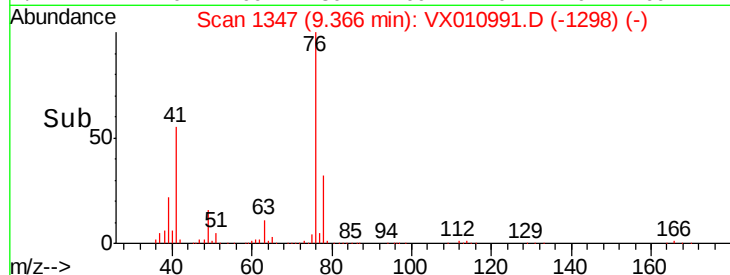
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 226.608 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010991.D

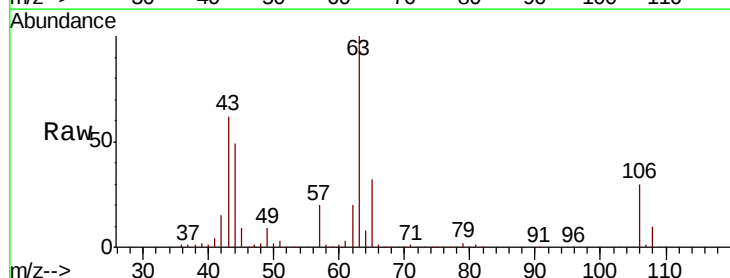
Acq: 19 Jul 2019 10:20

Tgt Ion: 63 Resp: 387027

Ion Ratio Lower Upper

63 100

106 30.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

250000

200000

150000

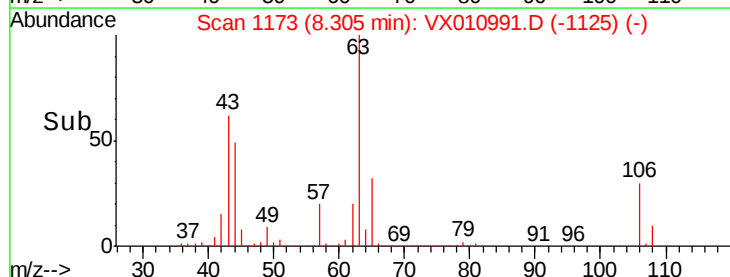
100000

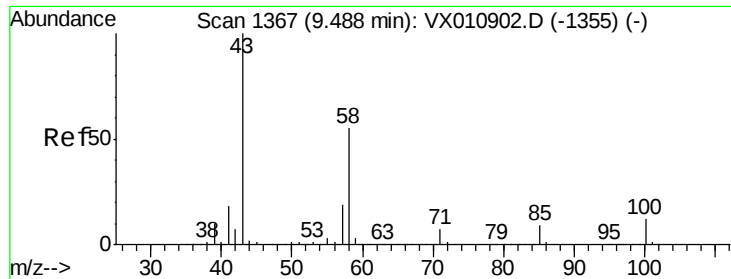
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

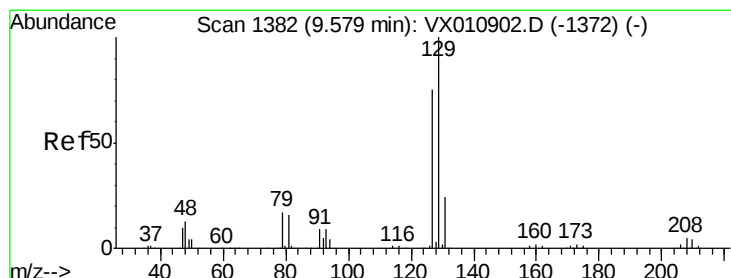
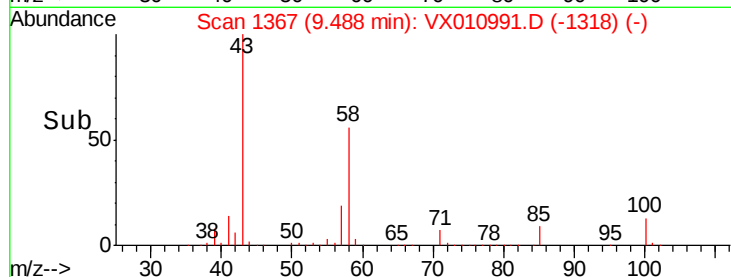
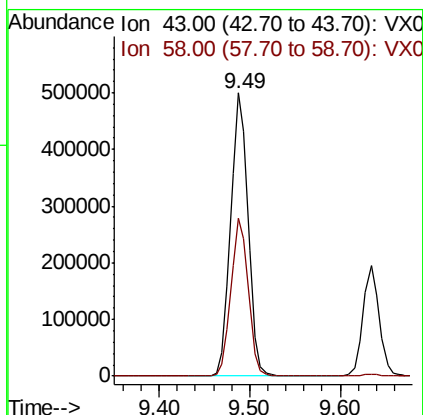
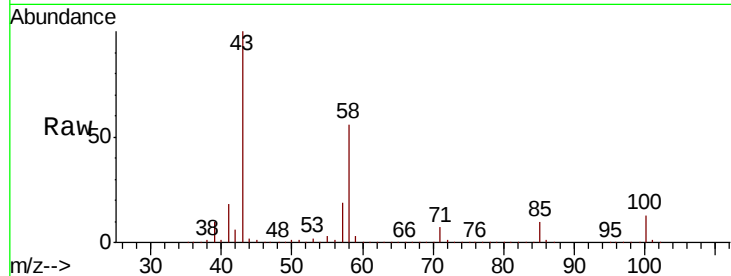




#59
2-Hexanone
Concen: 266.560 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

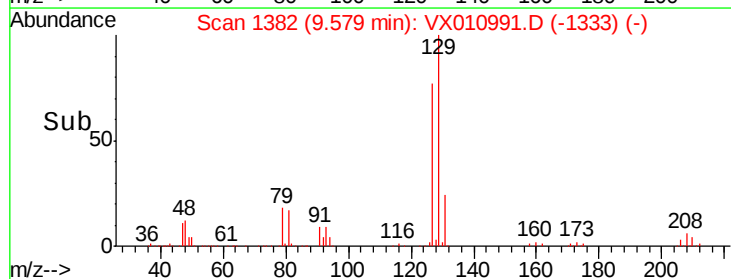
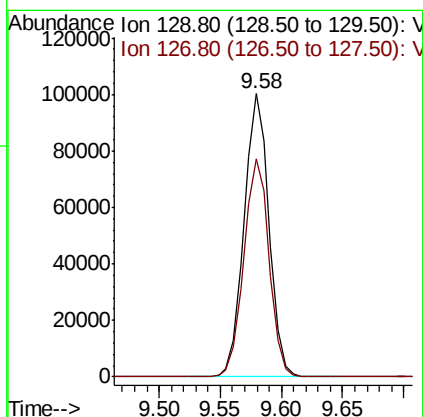
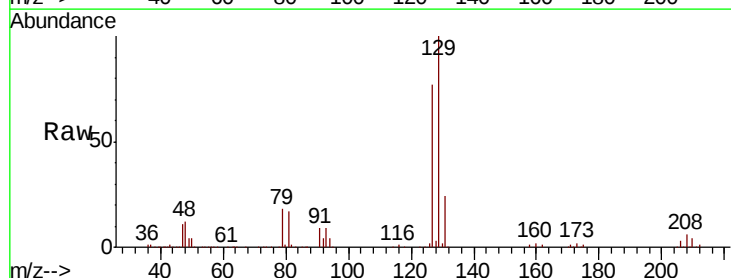
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 666141
Ion Ratio Lower Upper
43 100
58 55.6 28.0 83.9



#60
Dibromochloromethane
Concen: 50.187 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 129 Resp: 141303
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.080 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

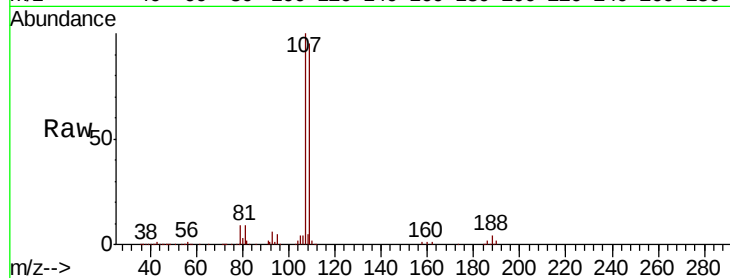
VSTDCCC050

Tot Ion:107 Resp: 137784

Ion Ratio Lower Upper

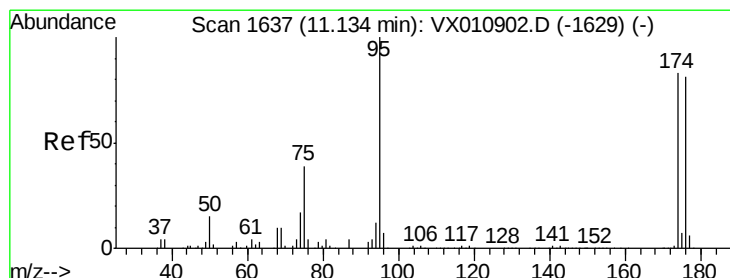
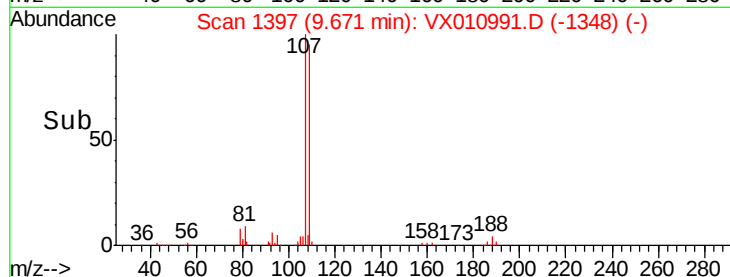
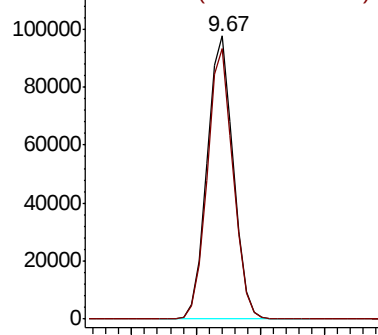
107 100

109 94.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.460 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

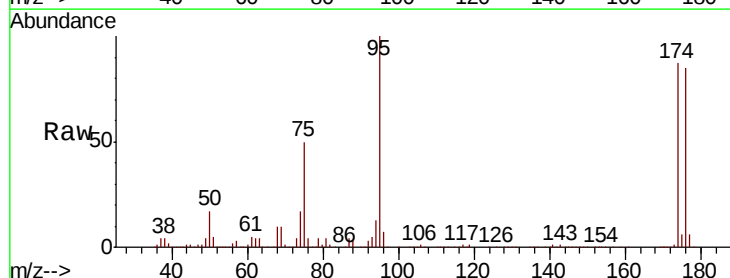
Tgt Ion: 95 Resp: 171263

Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.6

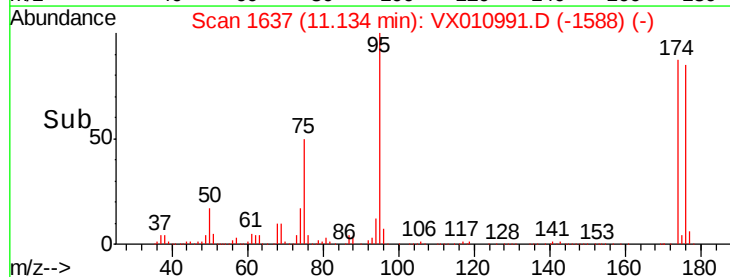
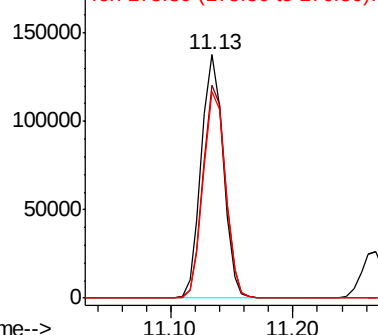
176 86.2 0.0 173.8

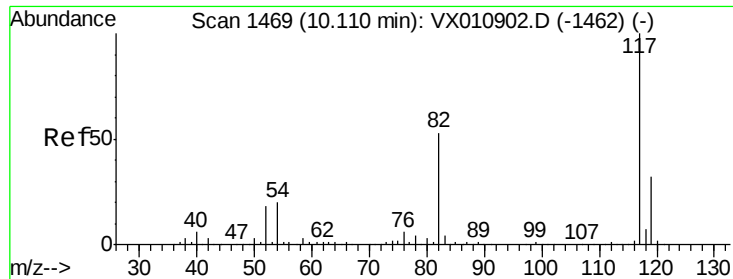


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

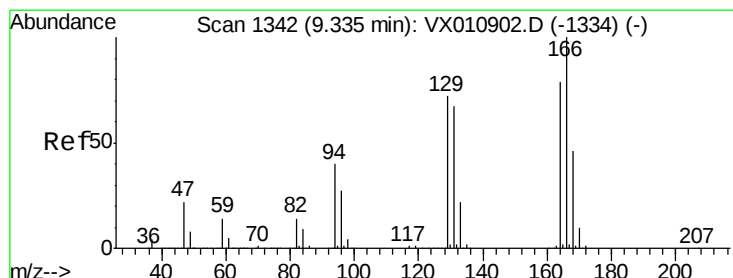
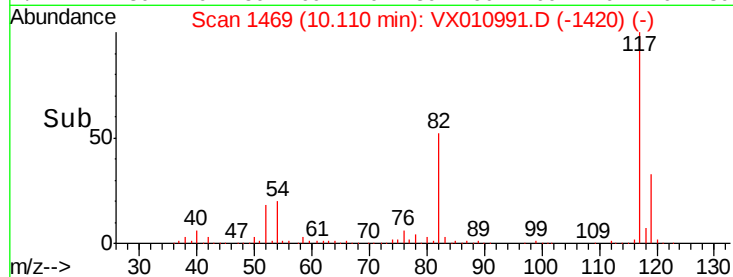
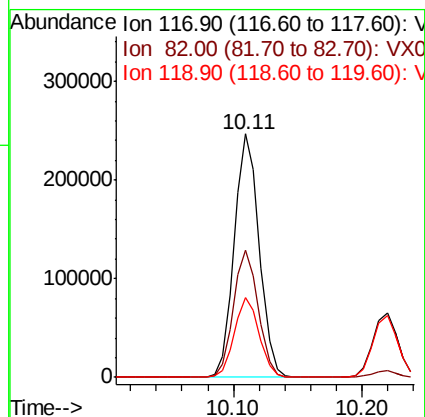
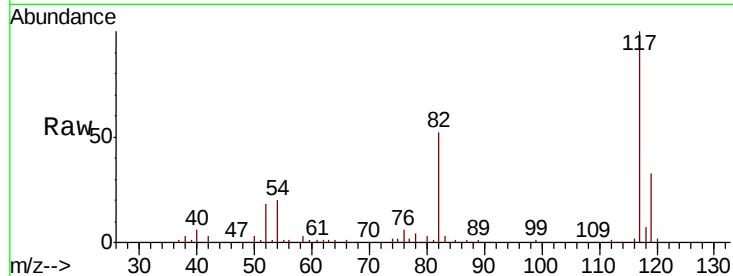




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

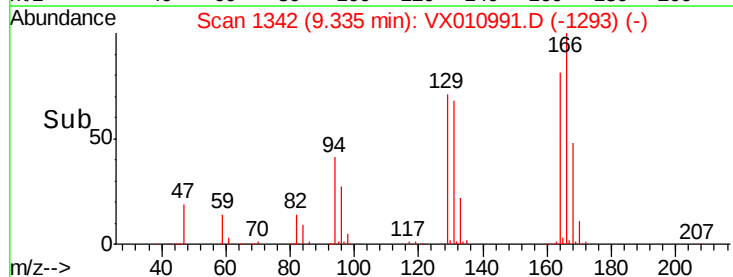
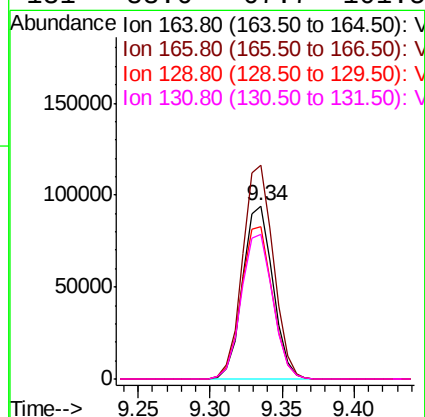
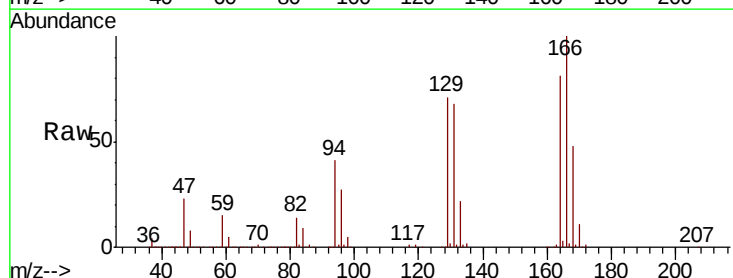
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

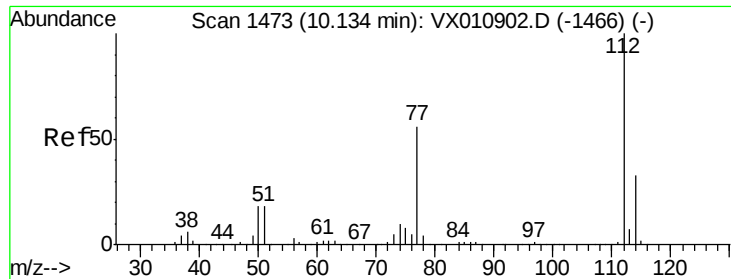
Tot Ion:117 Resp: 333488
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 32.8 25.9 38.9



#64
Tetrachloroethene
Concen: 52.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:164 Resp: 136584
Ion Ratio Lower Upper
164 100
166 123.6 100.8 151.2
129 88.0 72.6 109.0
131 83.6 67.7 101.5

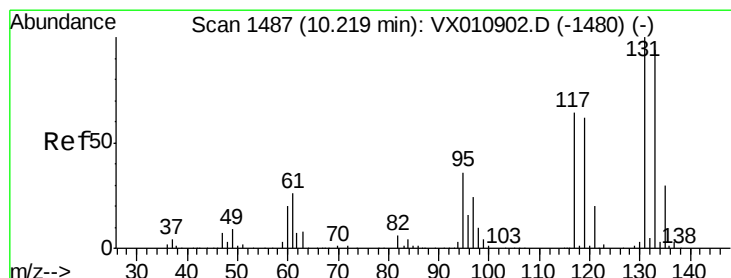
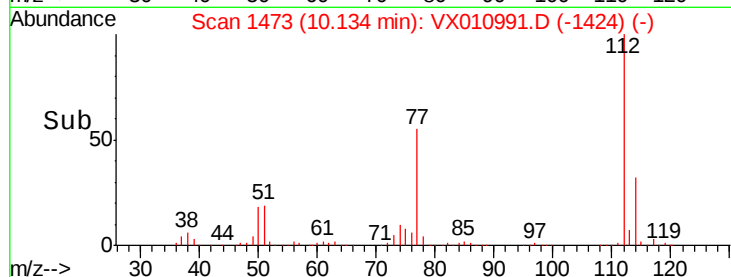
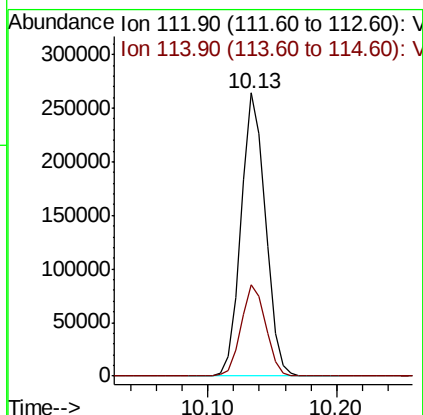
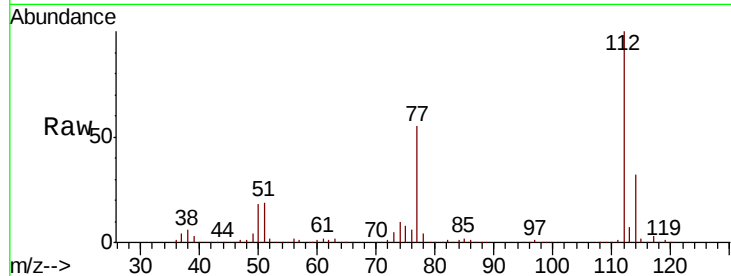




#65
Chlorobenzene
Concen: 50.566 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

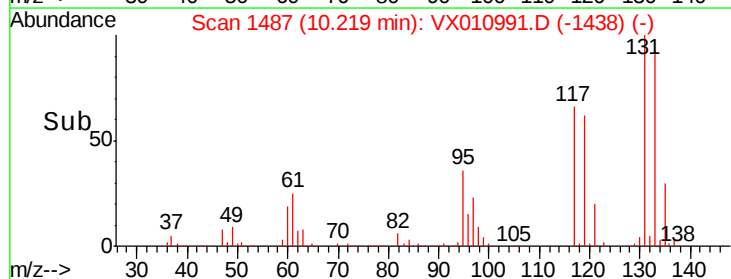
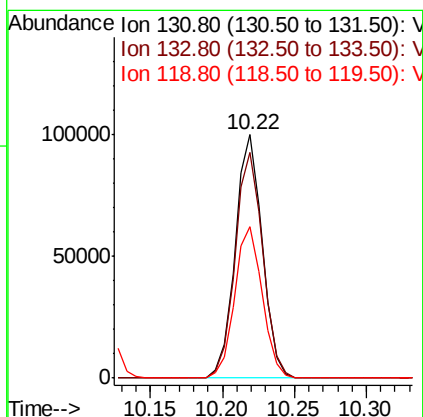
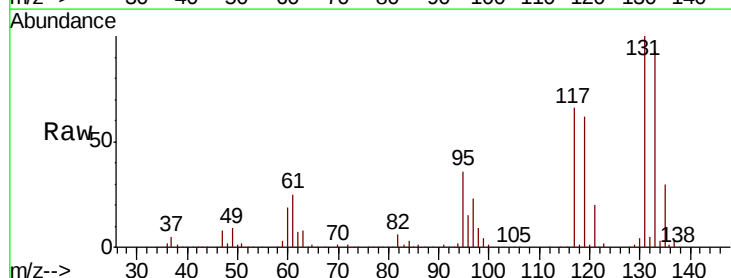
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

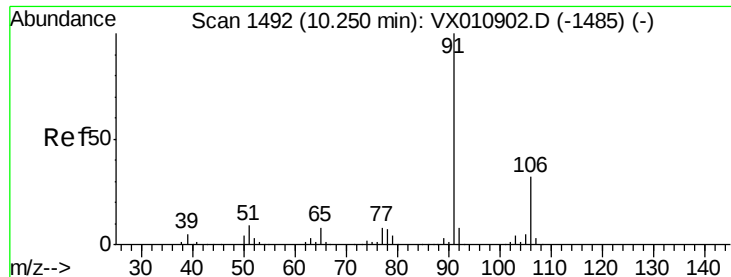
Tot Ion:112 Resp: 346357
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.387 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:131 Resp: 130927
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 63.7 31.9 95.7





#67

Ethyl Benzene

Concen: 53.110 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

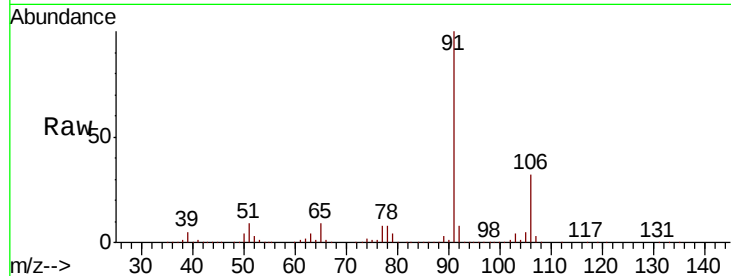
VSTDCCC050

Tot Ion: 91 Resp: 619197

Ion Ratio Lower Upper

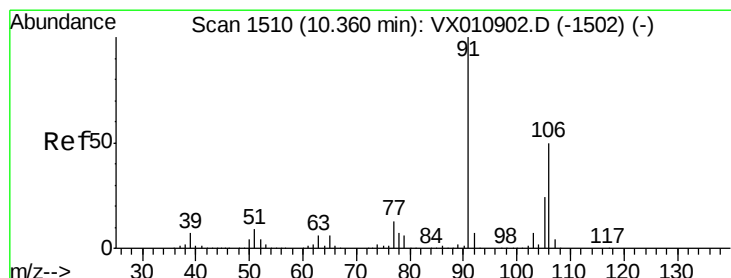
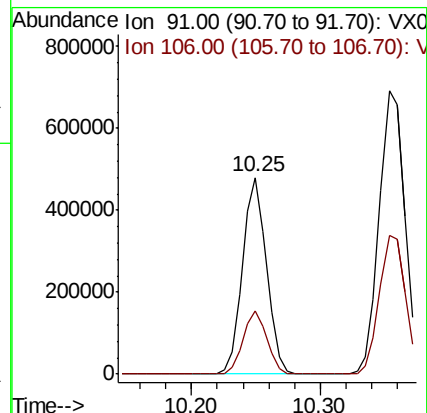
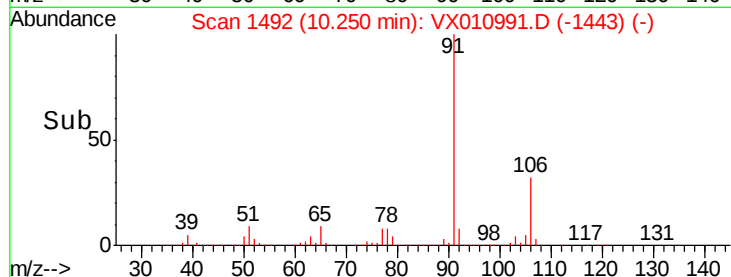
91 100

106 32.3 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX010991.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX010991.D (-1443) (-)



#68

m/p-Xylenes

Concen: 106.053 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010991.D

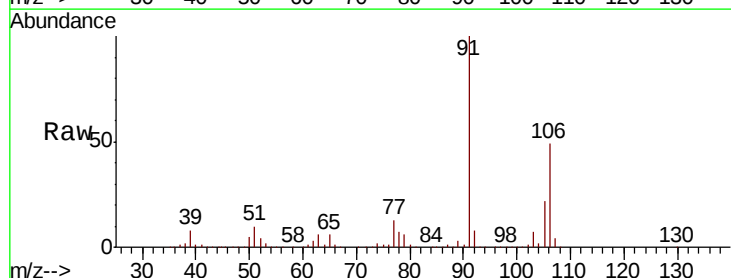
Acq: 19 Jul 2019 10:20

Tgt Ion: 106 Resp: 474290

Ion Ratio Lower Upper

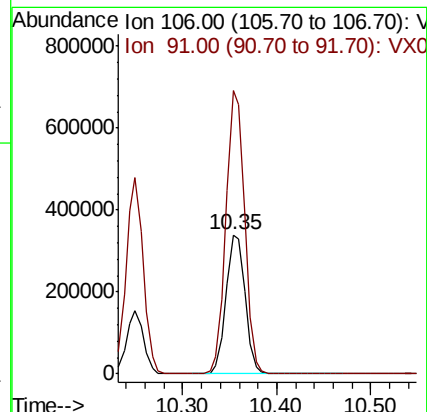
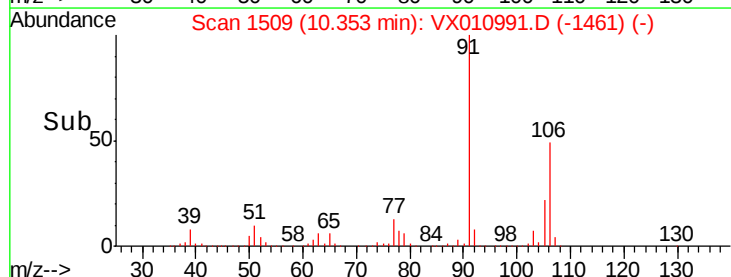
106 100

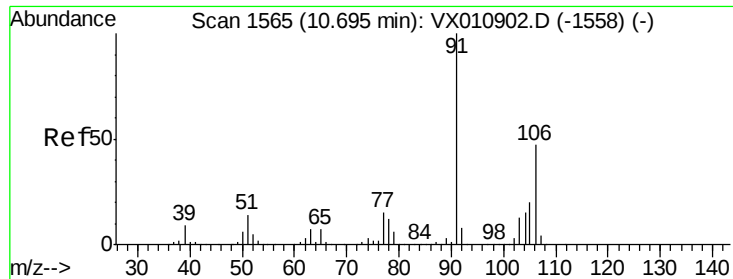
91 200.1 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VX010991.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX010991.D (-1461) (-)

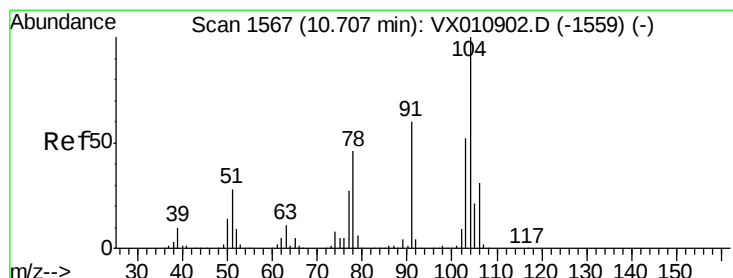
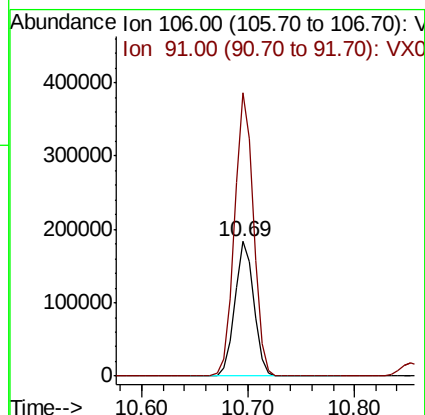
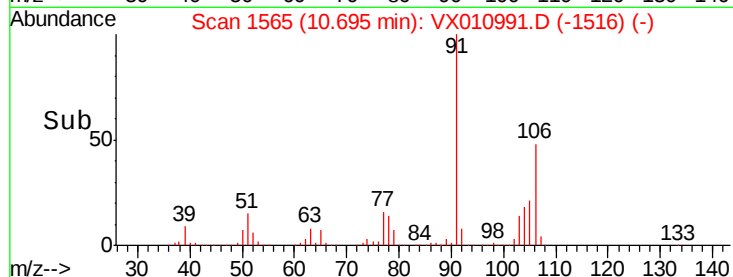
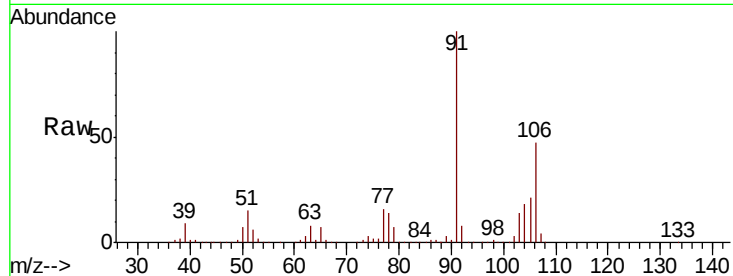




#69
o-Xylene
Concen: 52.725 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

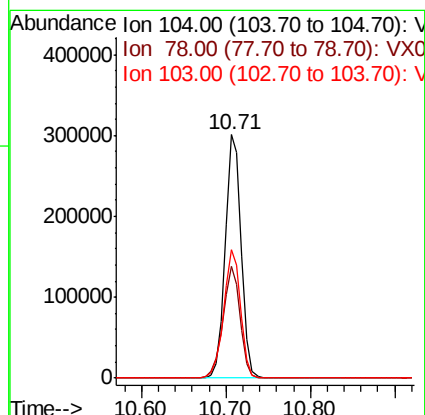
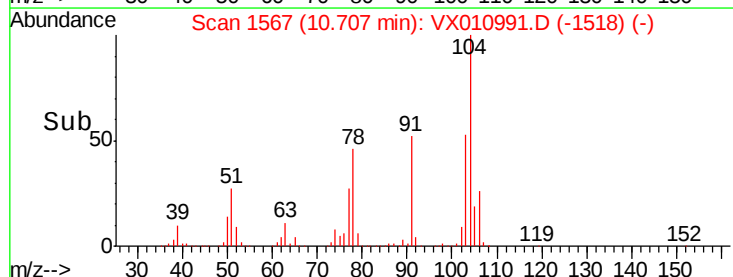
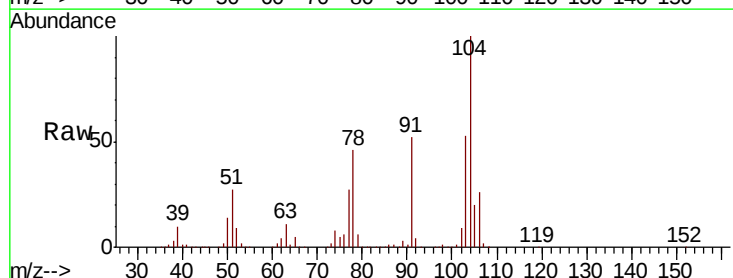
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

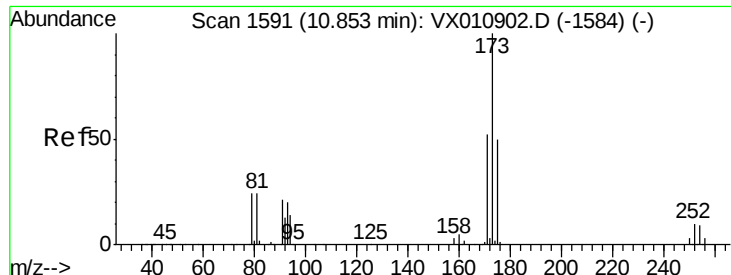
Tot Ion:106 Resp: 230128
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.3



#70
Styrene
Concen: 54.235 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:104 Resp: 394610
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 50.121 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

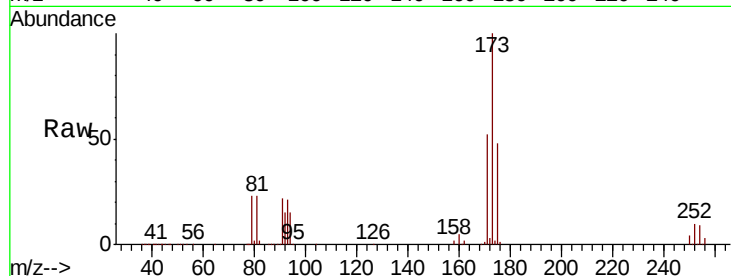
Tot Ion:173 Resp: 109875

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.6

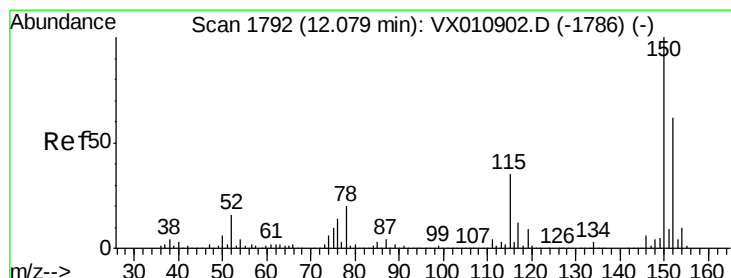
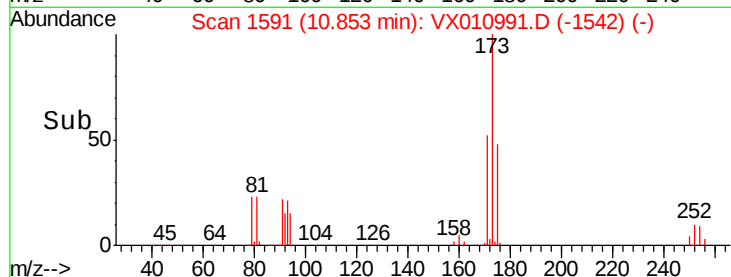
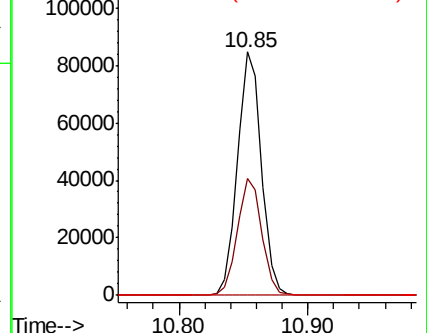
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

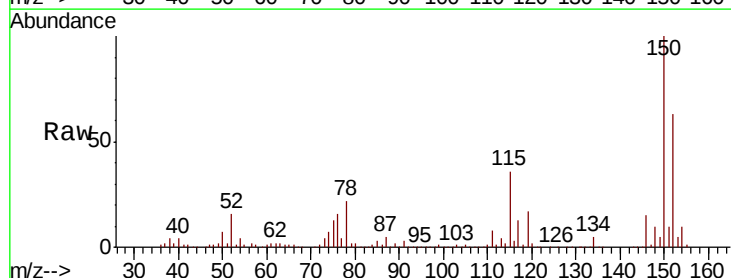
Tgt Ion:152 Resp: 179619

Ion Ratio Lower Upper

152 100

115 83.3 39.7 119.1

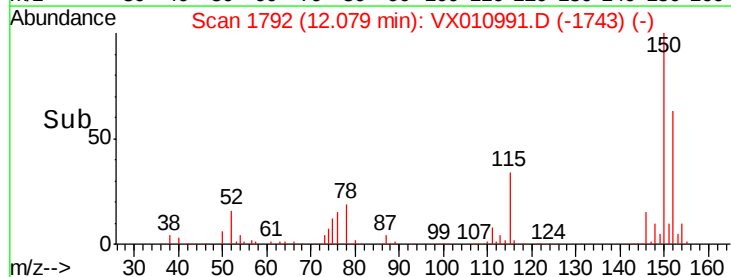
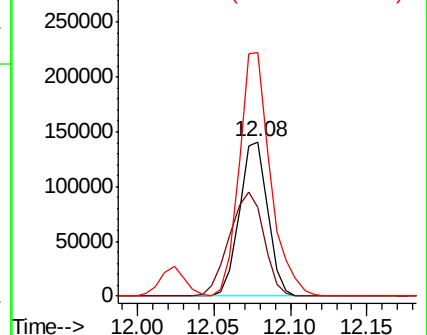
150 174.2 0.0 345.6

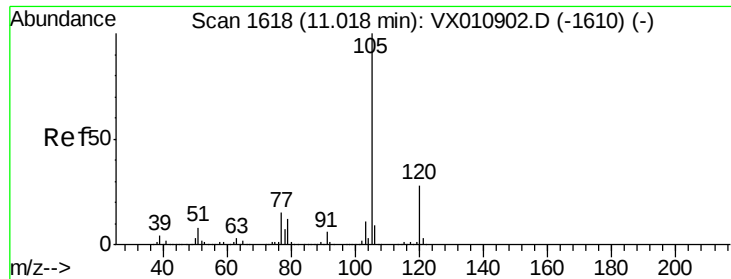


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.500 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

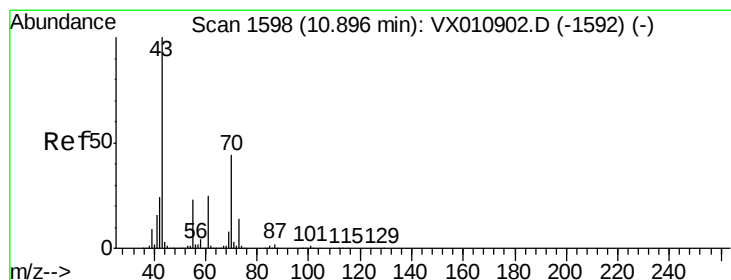
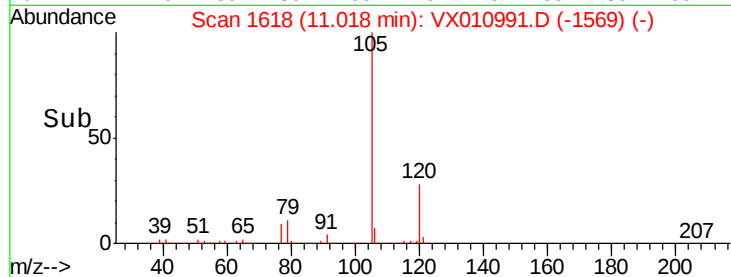
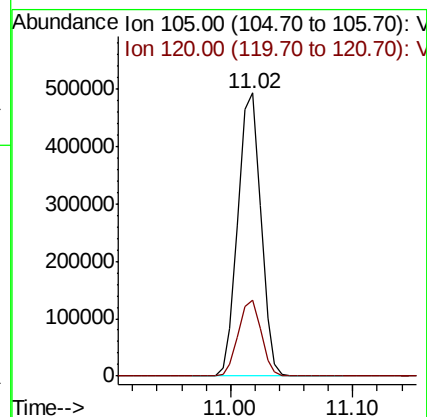
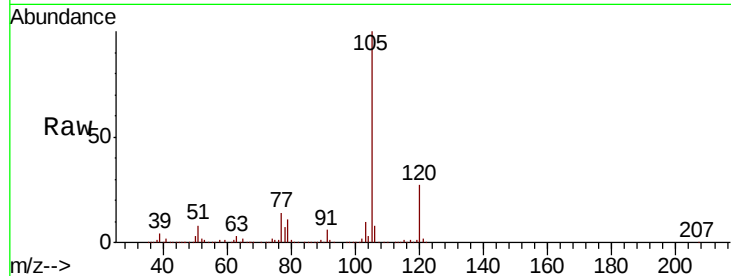
VSTDCCC050

Tot Ion:105 Resp: 637187

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.1



#74

N-ethyl acetate

Concen: 52.135 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion: 43 Resp: 241768

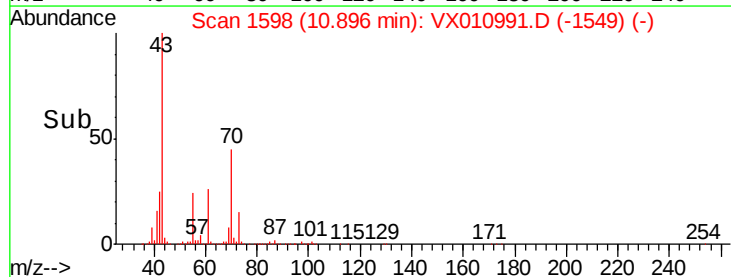
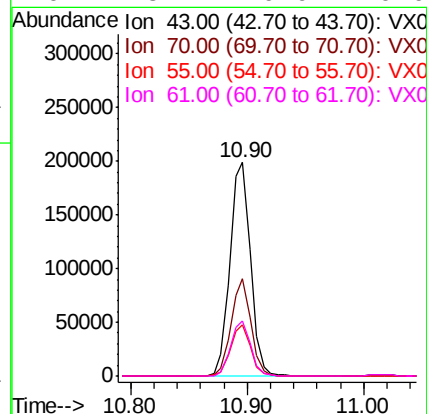
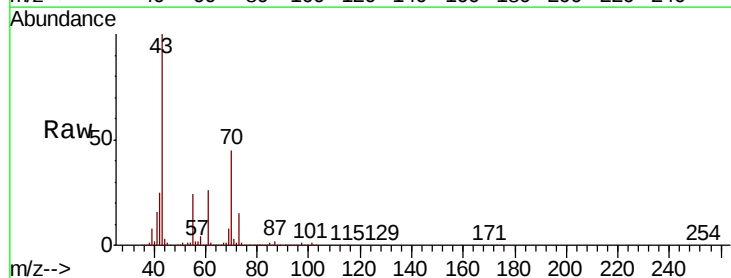
Ion Ratio Lower Upper

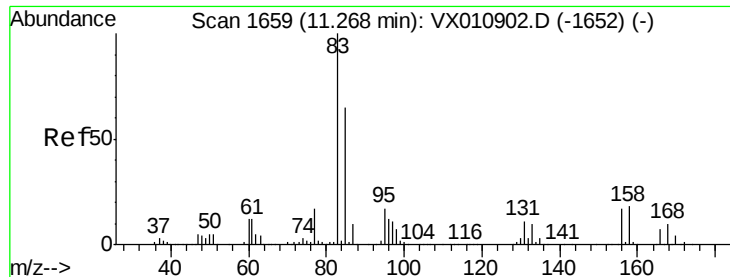
43 100

70 43.7 34.7 52.1

55 23.6 19.1 28.7

61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.016 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

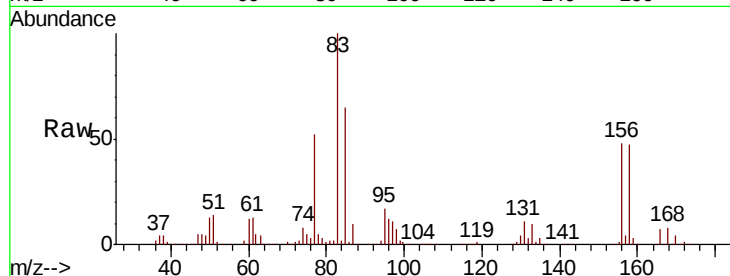
Tot Ion: 83 Resp: 198655

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

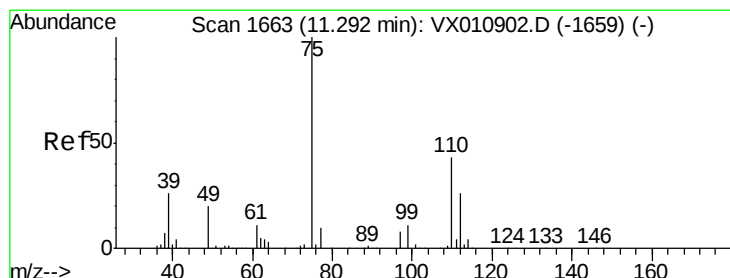
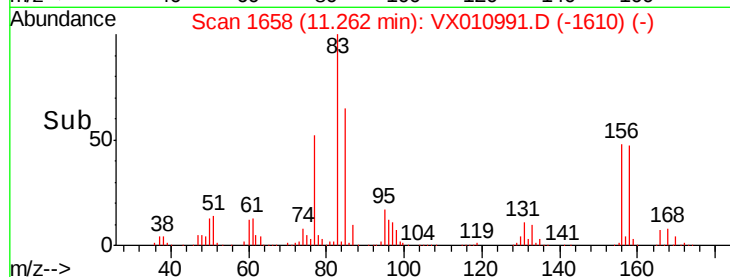
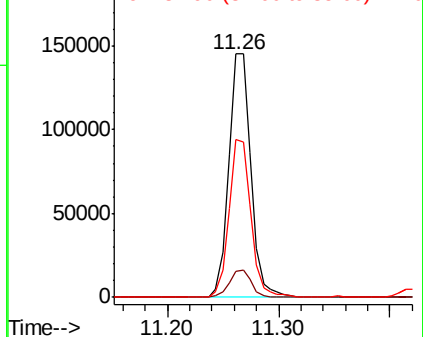
85 64.0 32.3 96.9



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: 67.944 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010991.D

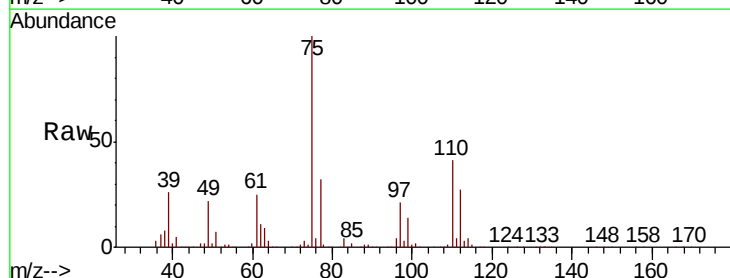
Acq: 19 Jul 2019 10:20

Tgt Ion: 75 Resp: 220229

Ion Ratio Lower Upper

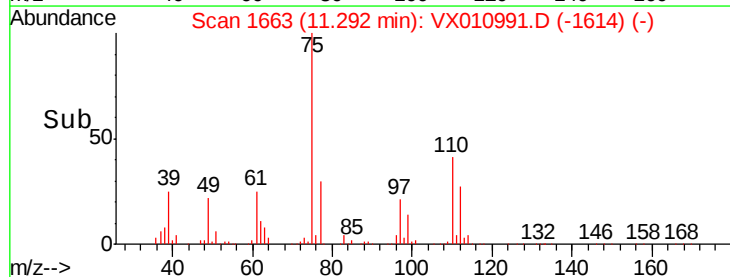
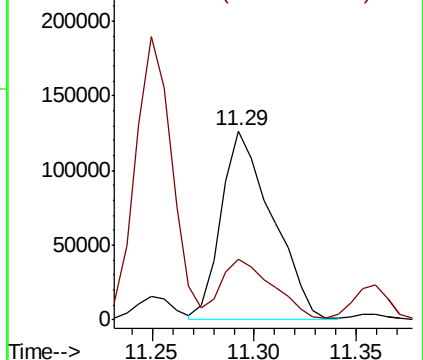
75 100

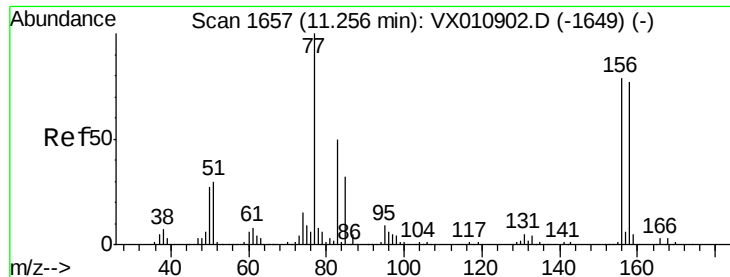
77 32.5 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

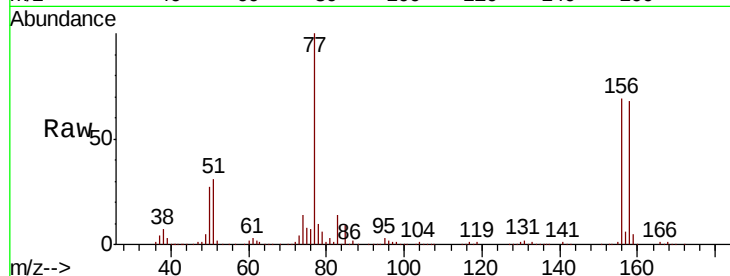




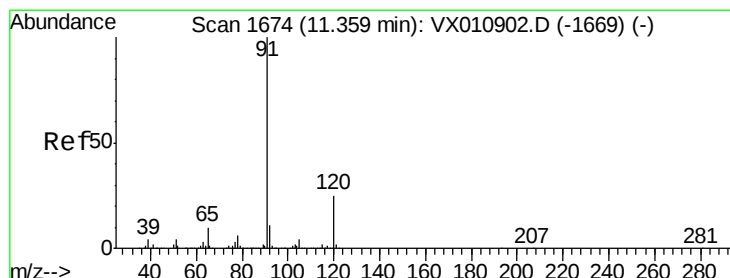
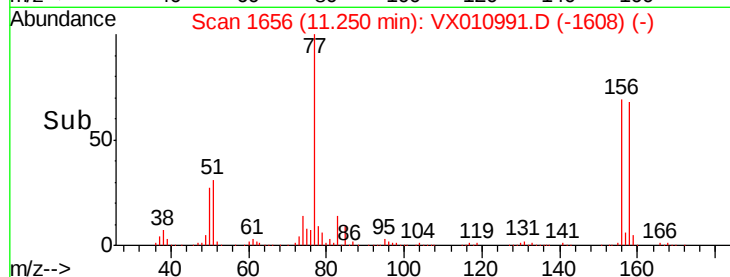
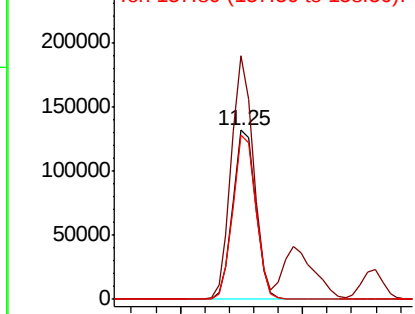
#77
Bromobenzene
Concen: 50.459 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 168926
Ion Ratio Lower Upper
156 100
77 139.6 68.7 206.1
158 97.5 47.9 143.7

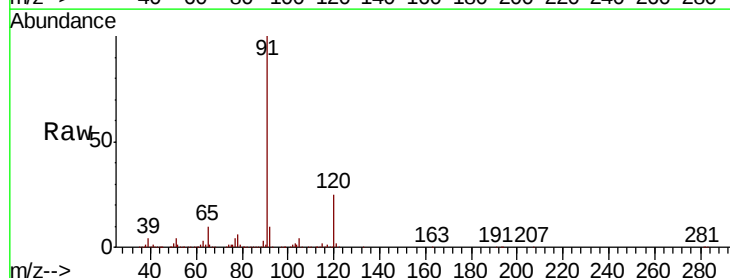


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

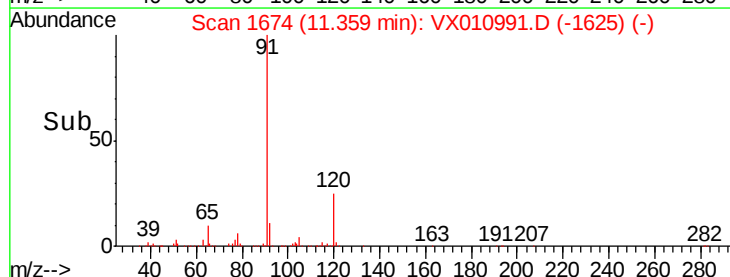
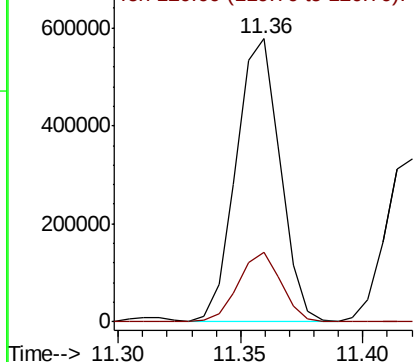


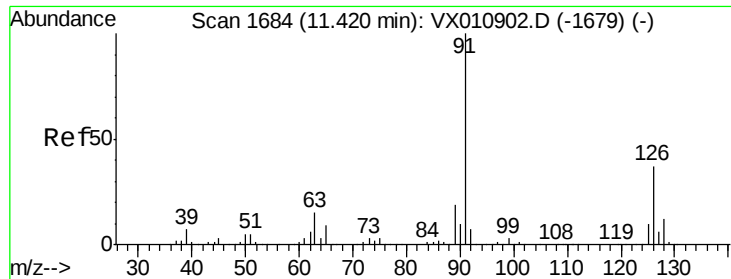
#78
n-propylbenzene
Concen: 53.634 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 91 Resp: 719250
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

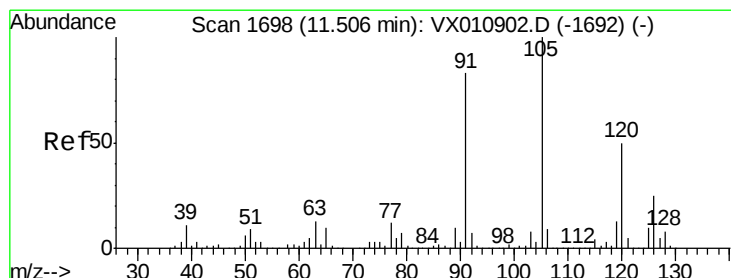
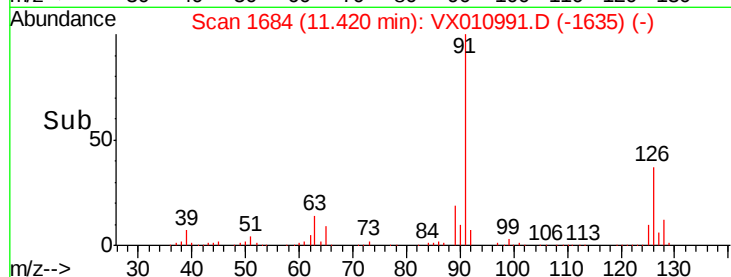
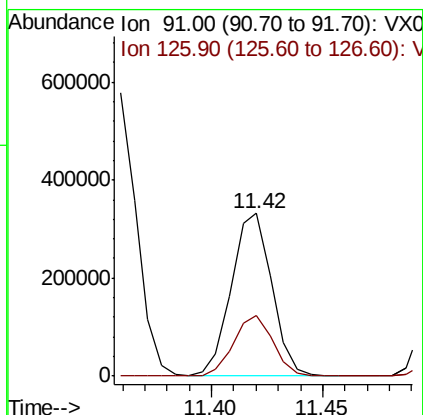
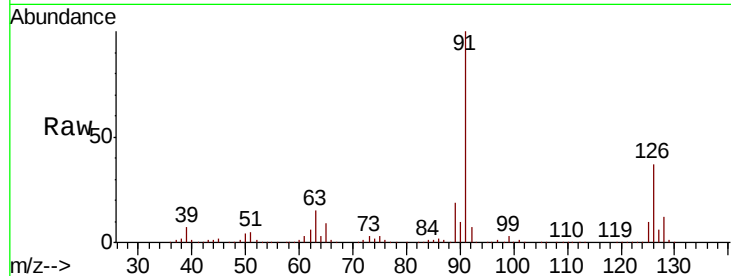




#79
 2-Chlorotoluene
 Concen: 52.019 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

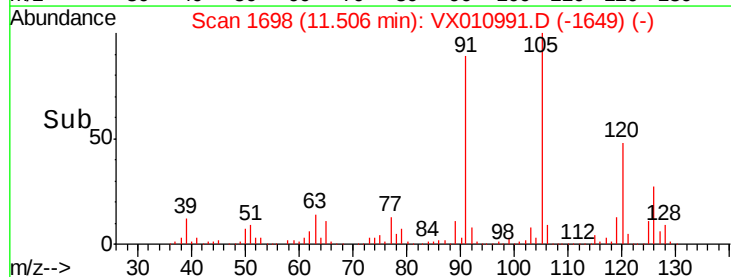
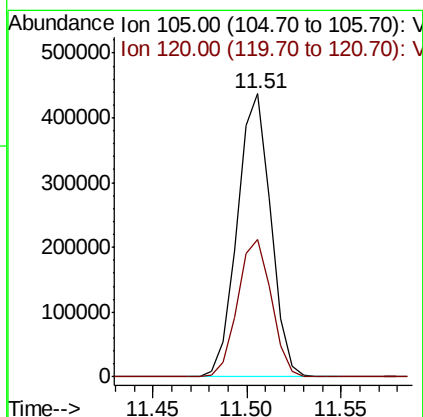
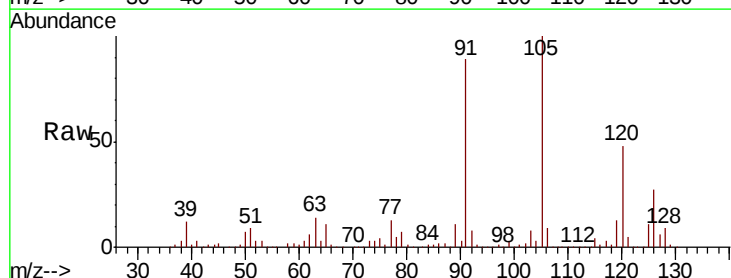
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

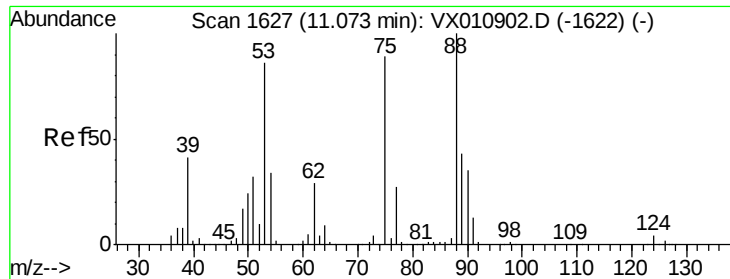
Tot Ion: 91 Resp: 419058
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.901 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion: 105 Resp: 536493
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.758 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

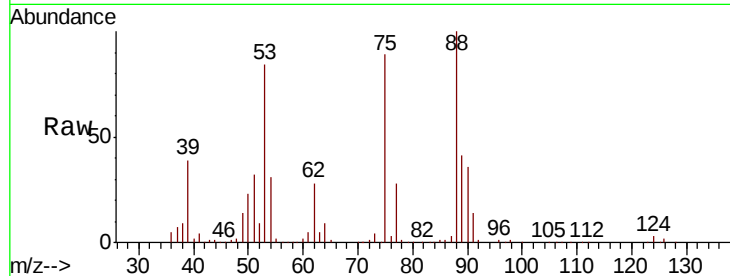
Tot Ion: 75 Resp: 62241

Ion Ratio Lower Upper

75 100

53 97.6 76.7 115.1

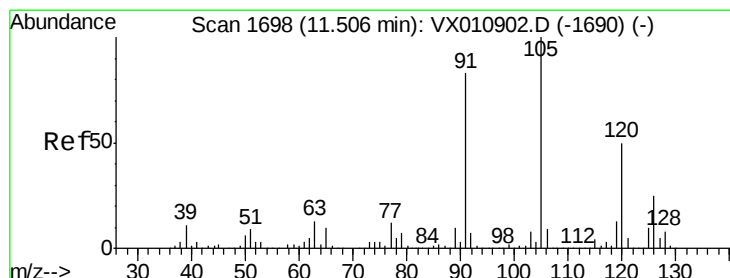
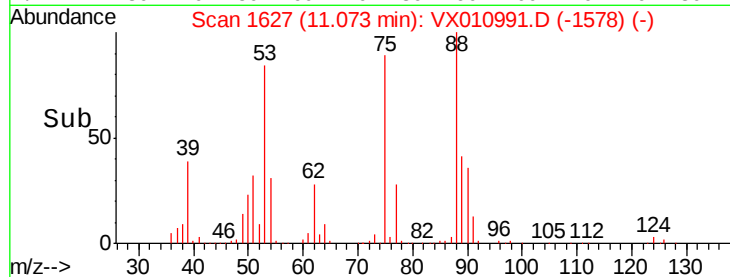
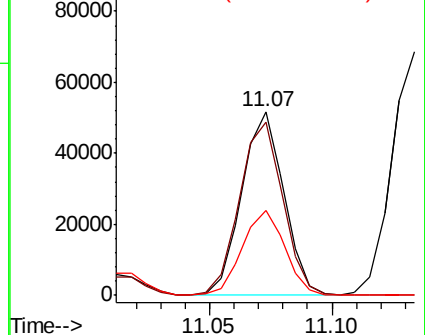
89 47.0 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.780 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010991.D

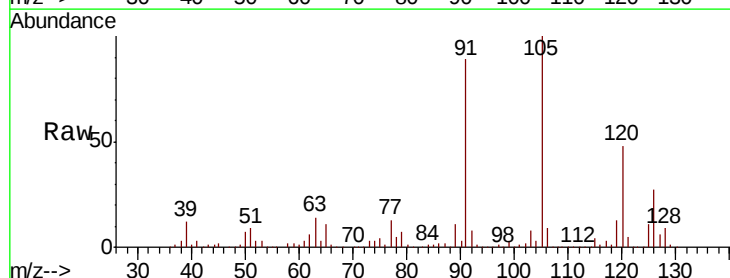
Acq: 19 Jul 2019 10:20

Tgt Ion: 91 Resp: 494871

Ion Ratio Lower Upper

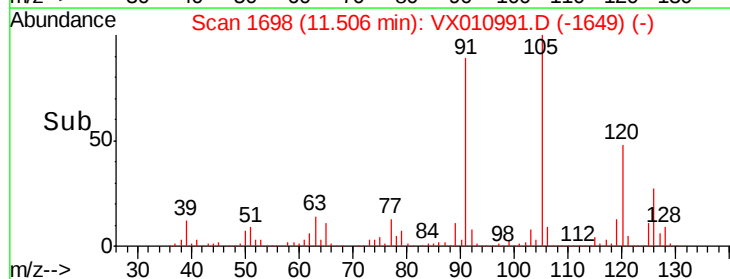
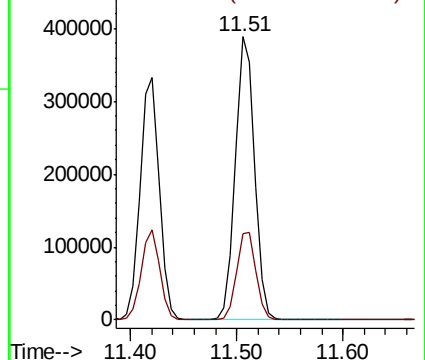
91 100

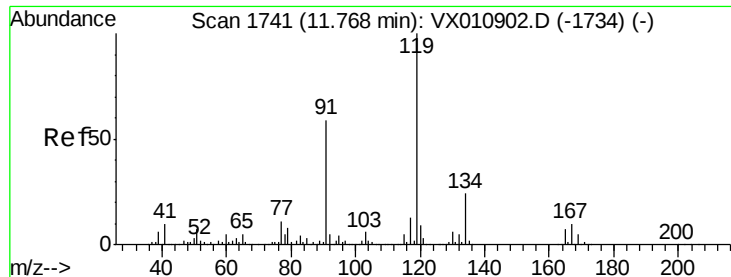
126 31.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.918 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

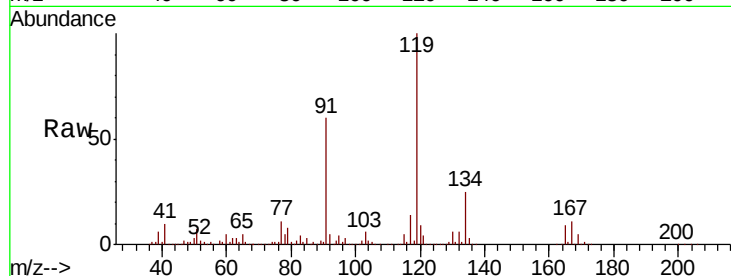
Tot Ion:119 Resp: 527144

Ion Ratio Lower Upper

119 100

91 58.6 28.6 85.8

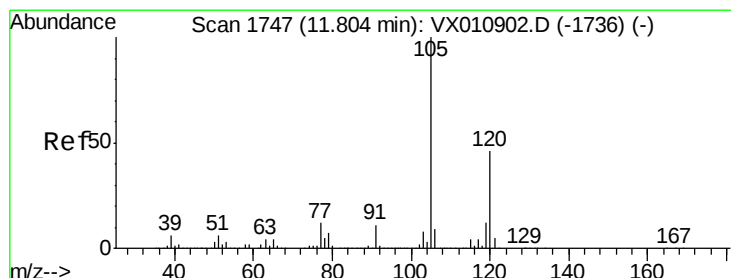
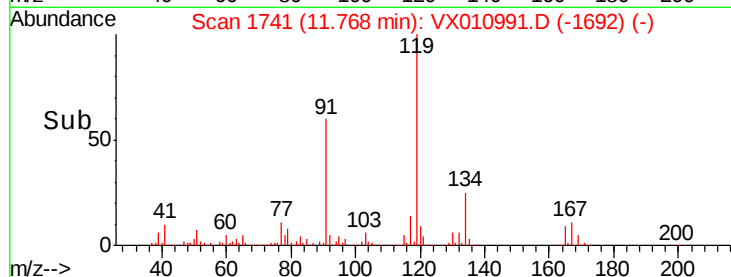
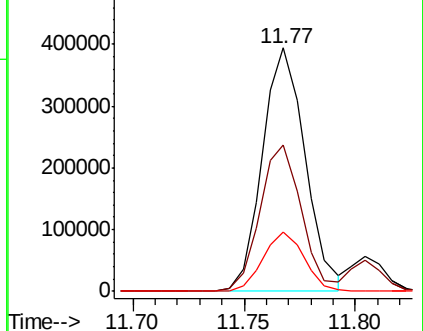
134 23.5 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.077 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010991.D

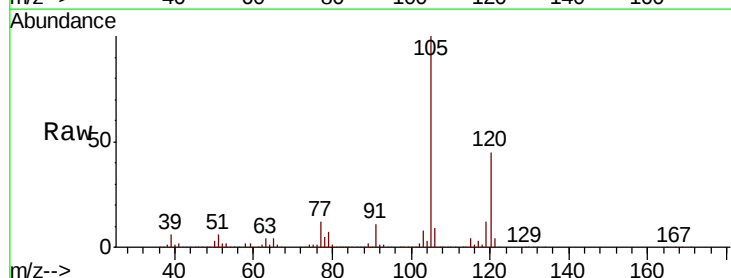
Acq: 19 Jul 2019 10:20

Tgt Ion:105 Resp: 542540

Ion Ratio Lower Upper

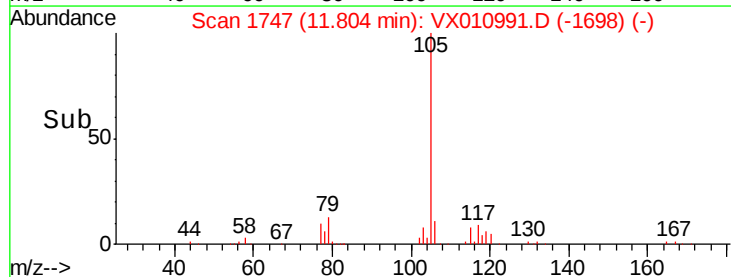
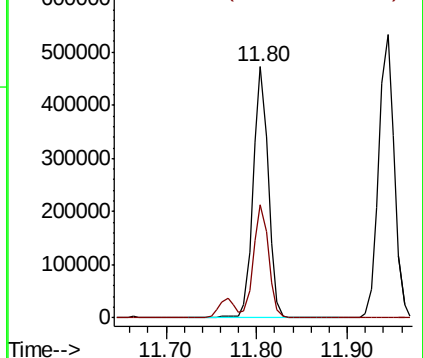
105 100

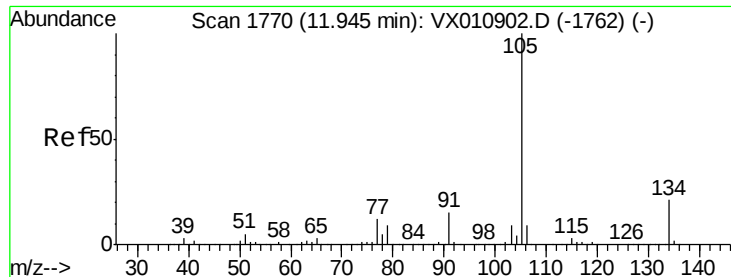
120 45.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.339 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

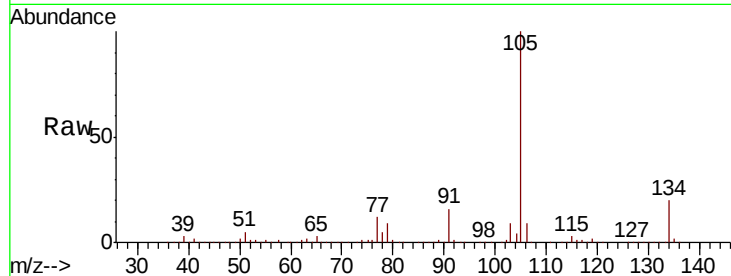
VSTDCCC050

Tot Ion:105 Resp: 634263

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

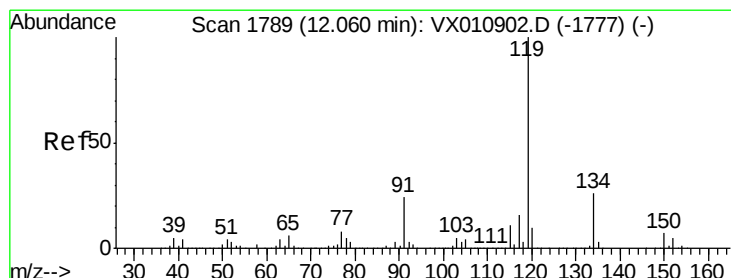
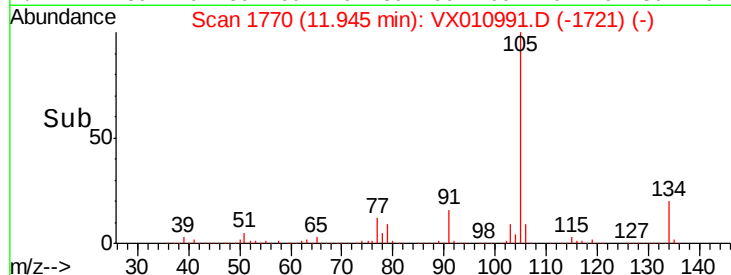
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.895 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

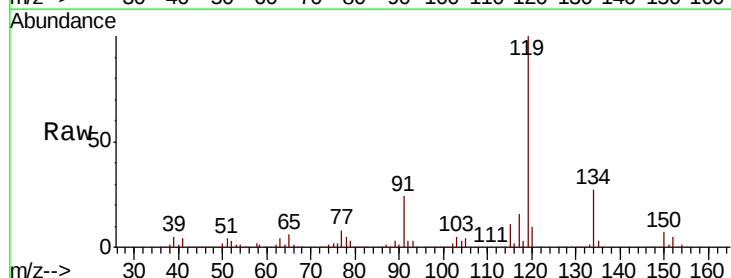
Tgt Ion:119 Resp: 592370

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 24.0 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

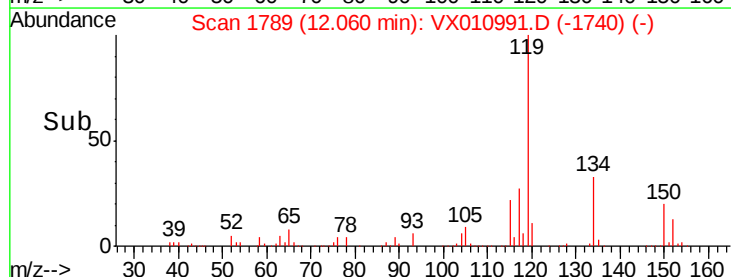
600000

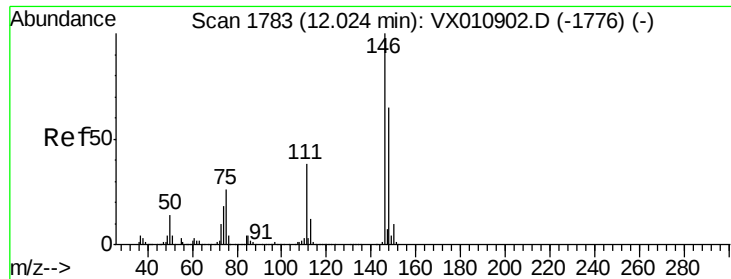
400000

200000

0

Time-->

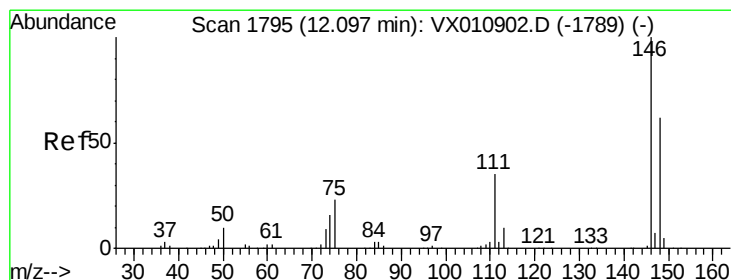
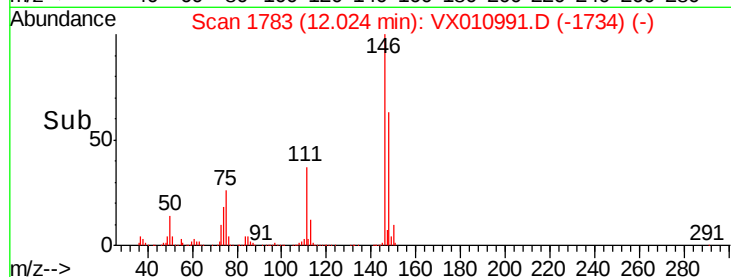
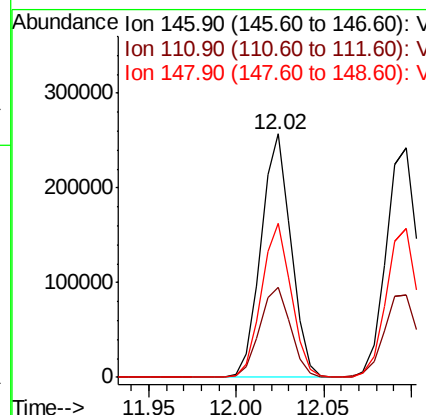
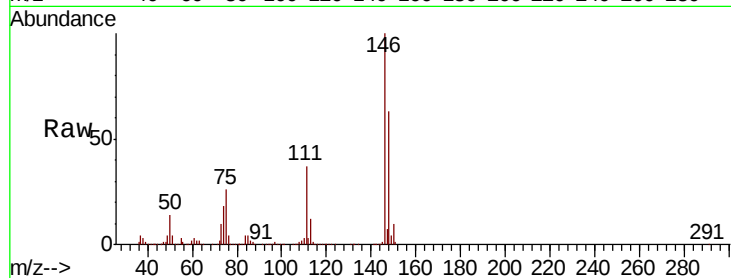




#87
 1,3-Dichlorobenzene
 Concen: 52.576 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

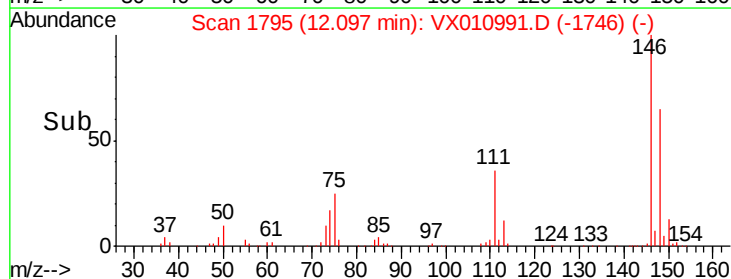
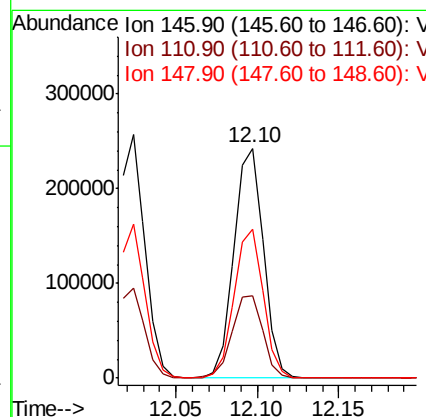
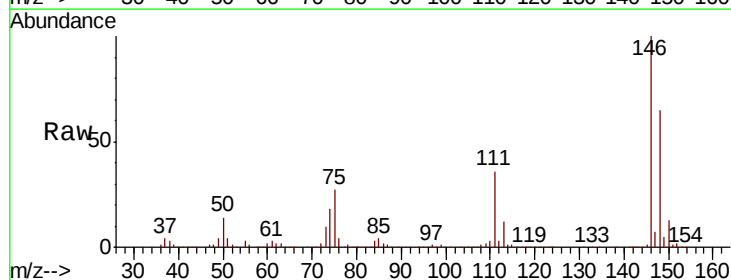
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

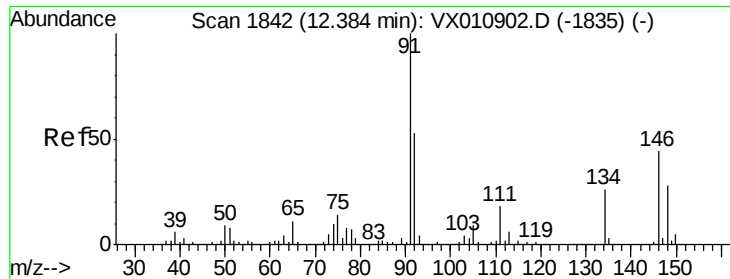
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.2	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.194 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.9	31.6	94.7

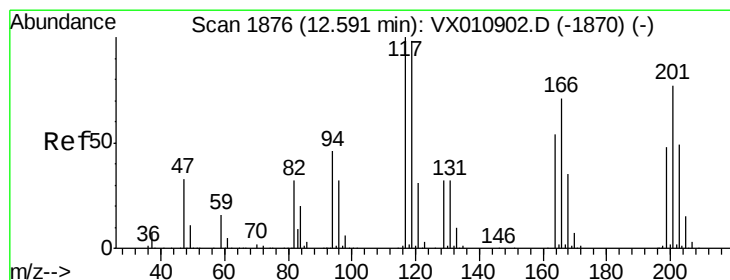
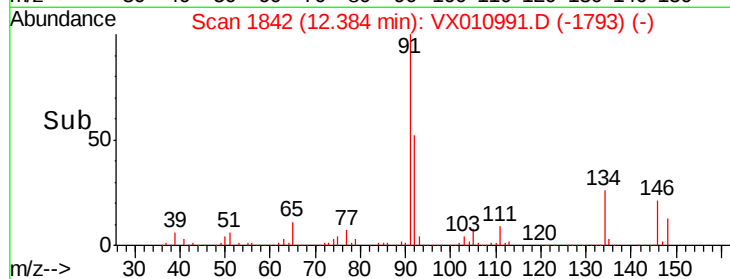
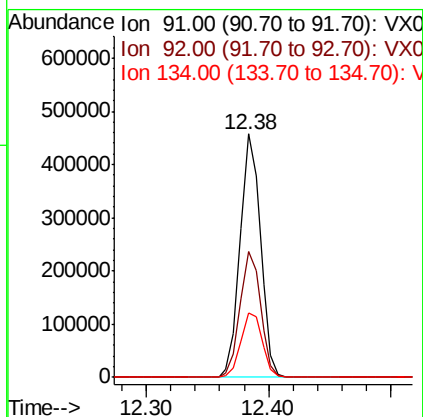
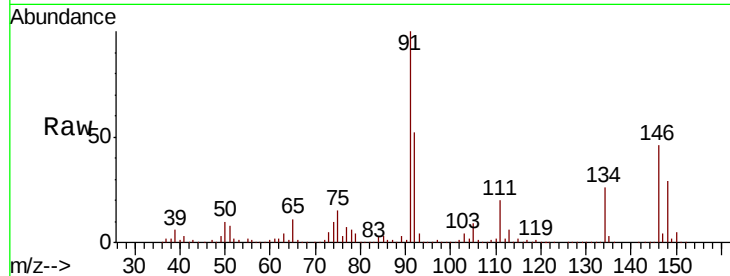




#89
n-Butylbenzene
Concen: 57.007 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

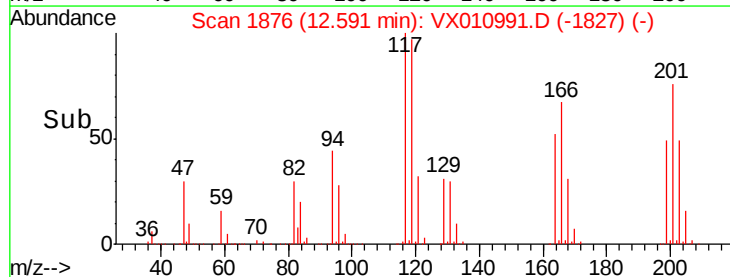
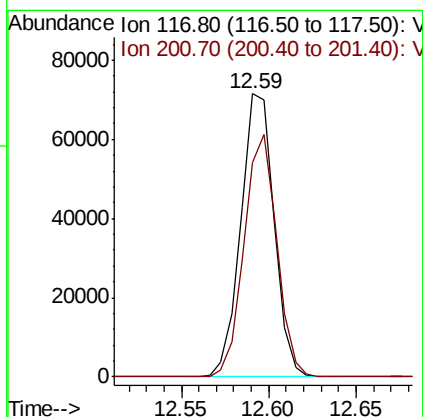
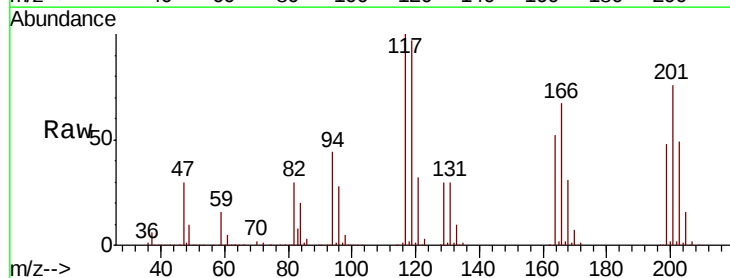
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

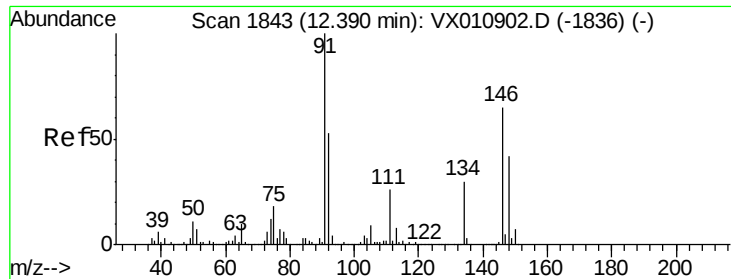
Tot Ion: 91 Resp: 526284
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.6 13.8 41.3



#90
Hexachloroethane
Concen: 55.613 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 117 Resp: 94654
Ion Ratio Lower Upper
117 100
201 83.8 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 51.100 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

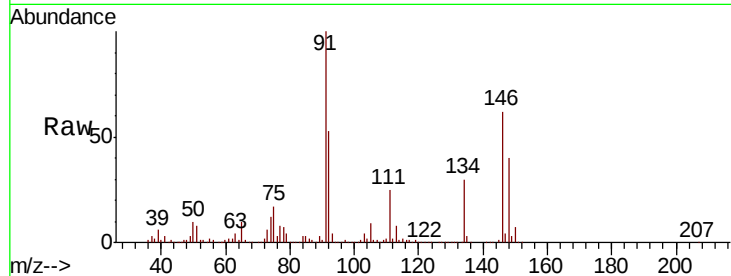
Tot Ion:146 Resp: 294231

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.7

148 64.8 32.0 96.2

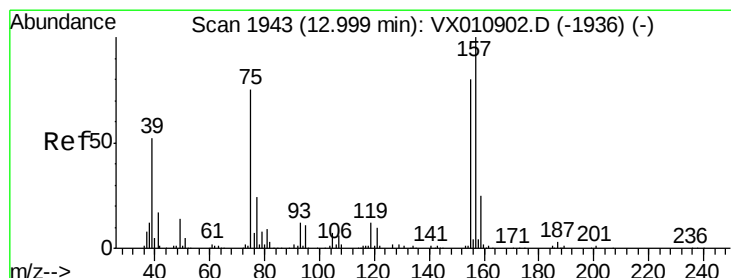
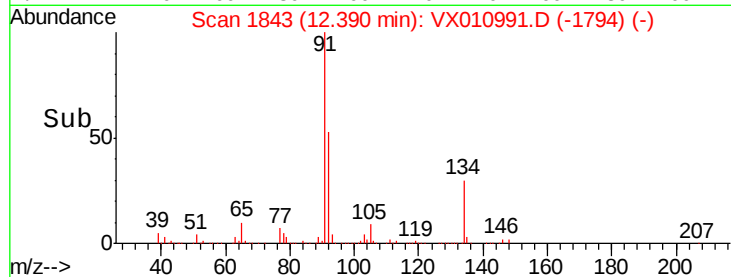
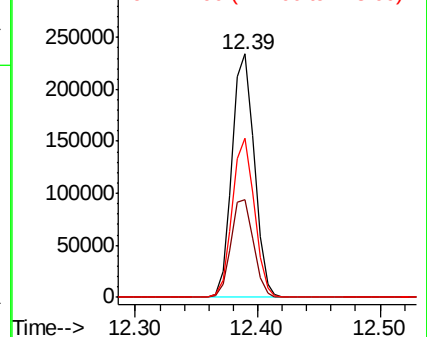


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.733 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

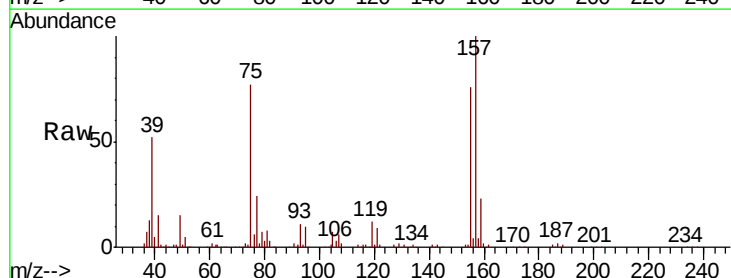
Tgt Ion: 75 Resp: 43781

Ion Ratio Lower Upper

75 100

155 93.9 48.7 146.1

157 119.8 62.5 187.6

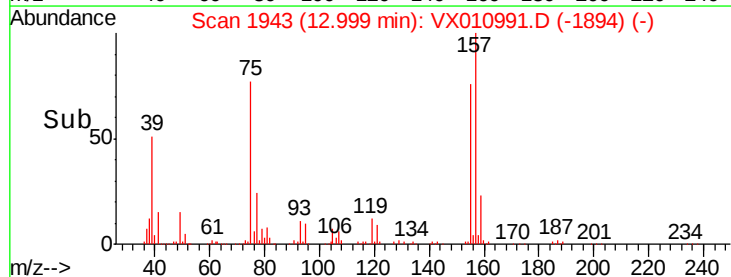
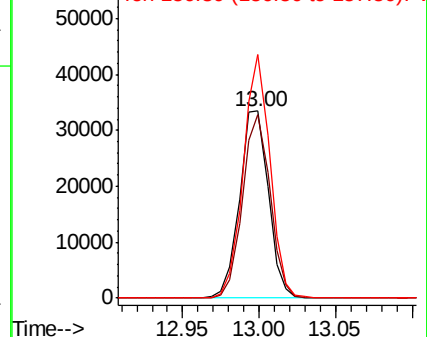


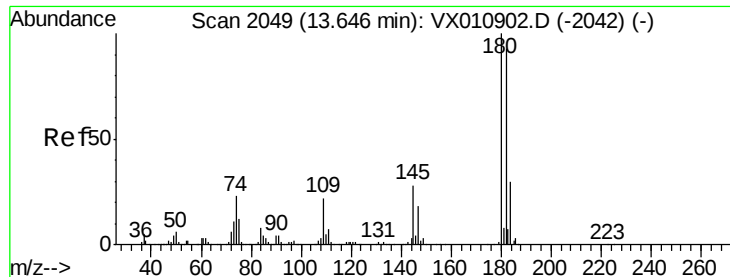
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

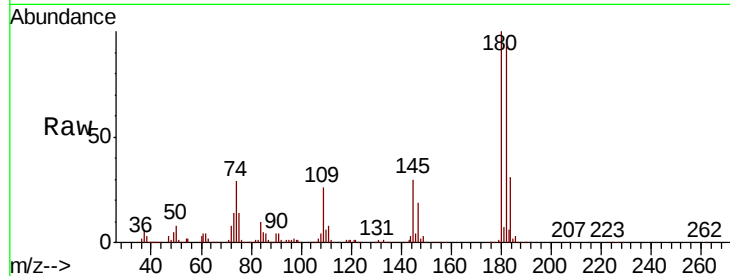




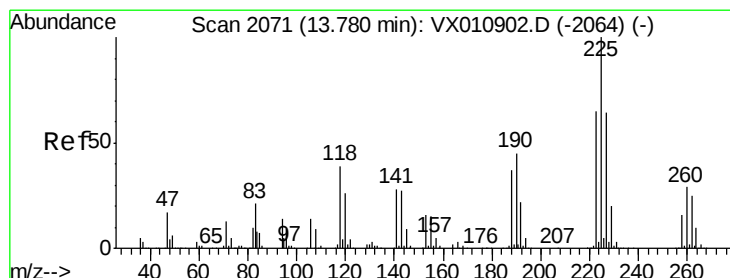
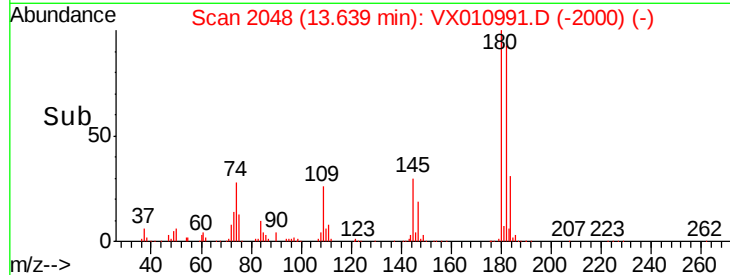
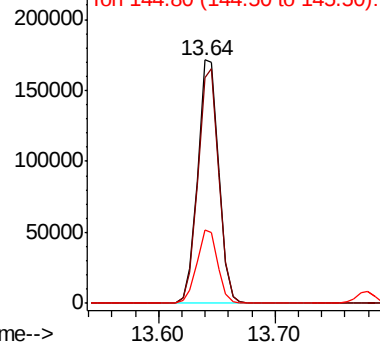
#93
 1,2,4-Trichlorobenzene
 Concen: 54.800 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 213841
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 29.8 14.8 44.4

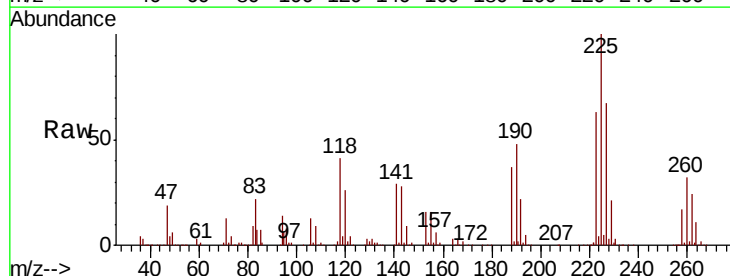


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

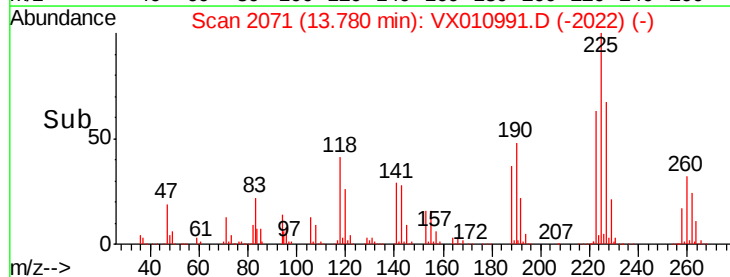
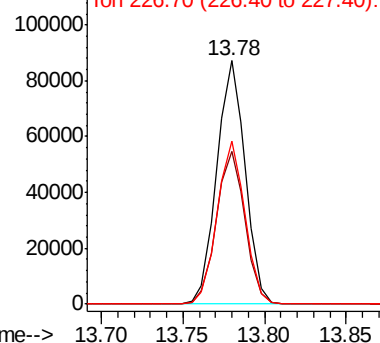


#94
 Hexachlorobutadiene
 Concen: 54.870 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion:225 Resp: 106104
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.9
 227 65.5 32.5 97.4



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

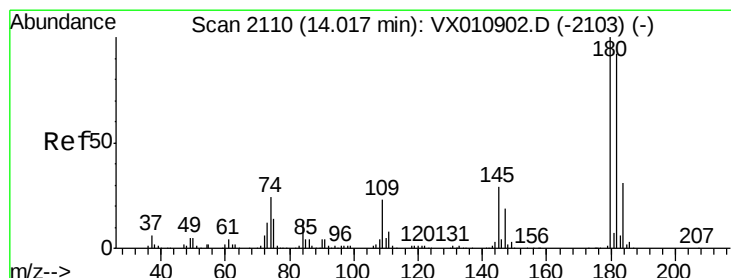
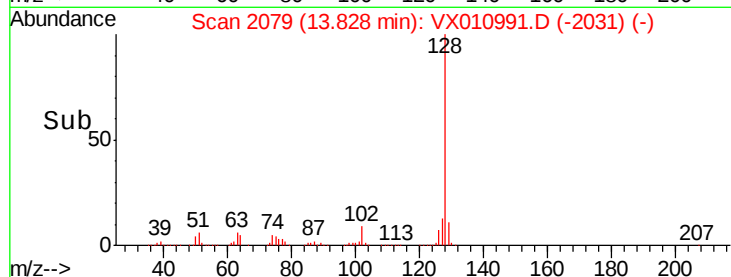
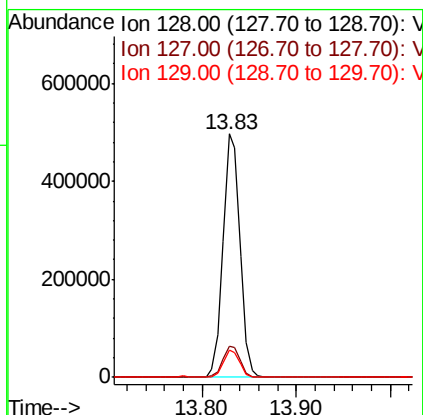
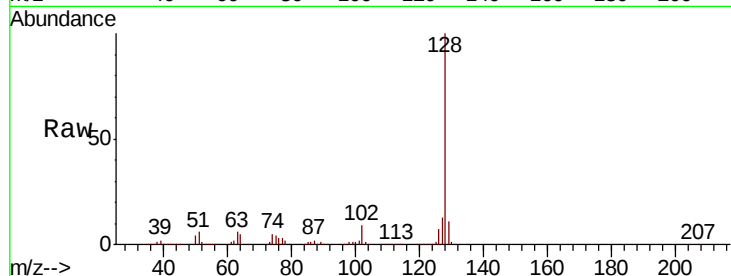




#95
Naphthalene
Concen: 53.577 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 617360
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.120 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:180 Resp: 210128
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.3 15.1 45.3

