

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
 Data File : VX019001.D
 Acq On : 21 Oct 2020 11:32
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 21 12:00:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 11:52:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	334295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	608520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	592326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	315021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208708	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
35) Dibromofluoromethane	5.46	113	174361	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	
50) Toluene-d8	8.70	98	713162	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	11.12	95	264671	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	144479	46.626	ug/l	100
3) Chloromethane	1.31	50	158754	43.494	ug/l	100
4) Vinyl Chloride	1.39	62	221846	55.127	ug/l	100
5) Bromomethane	1.62	94	177019	67.461	ug/l	100
6) Chloroethane	1.71	64	168504	69.188	ug/l	100
7) Trichlorofluoromethane	1.91	101	389071	61.832	ug/l	100
8) Diethyl Ether	2.17	74	151240	66.676	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	148418	46.717	ug/l	100
10) Methyl Iodide	2.49	142	197383	56.934	ug/l	100
11) Tert butyl alcohol	3.02	59	235080	276.957	ug/l	100
12) 1,1-Dichloroethene	2.36	96	152517	47.436	ug/l	100
13) Acrolein	2.27	56	131541	250.320	ug/l	100
14) Allyl chloride	2.71	41	218672	36.565	ug/l	100
15) Acrylonitrile	3.12	53	436206	226.955	ug/l	100
16) Acetone	2.42	43	379900	214.509	ug/l	100
17) Carbon Disulfide	2.55	76	453240	47.171	ug/l	100
18) Methyl Acetate	2.75	43	180656	41.588	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	537459	47.777	ug/l	100
20) Methylene Chloride	2.83	84	187657	46.907	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	192131	50.485	ug/l	100
22) Diisopropyl ether	3.82	45	449388	39.663	ug/l	100
23) Vinyl Acetate	3.79	43	2207740	217.796	ug/l	100
24) 1,1-Dichloroethane	3.67	63	320088	47.241	ug/l	100
25) 2-Butanone	4.64	43	633137	228.778	ug/l	100
26) 2,2-Dichloropropane	4.55	77	310412	49.087	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	228812	53.231	ug/l	100
28) Bromochloromethane	4.98	49	137582	44.119	ug/l	100
29) Tetrahydrofuran	5.09	42	359136	209.734	ug/l	100
30) Chloroform	5.18	83	362867	51.948	ug/l	100
31) Cyclohexane	5.55	56	252556	45.101	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	319718	49.344	ug/l	100
36) 1,1-Dichloropropene	5.77	75	272138	46.654	ug/l	100
37) Ethyl Acetate	4.79	43	245827	40.566	ug/l	100
38) Carbon Tetrachloride	5.75	117	274715	43.325	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	304579	46.556	ug/l	100
40) Benzene	6.12	78	819282	48.560	ug/l	100
41) Methacrylonitrile	5.01	41	125143	37.421	ug/l	100
42) 1,2-Dichloroethane	6.16	62	282853	43.913	ug/l	100
43) Isopropyl Acetate	6.42	43	411657	40.856	ug/l	100
44) Trichloroethene	7.19	130	223852	46.237	ug/l	100
45) 1,2-Dichloropropane	7.49	63	197203	43.289	ug/l	100
46) Dibromomethane	7.63	93	146358	46.431	ug/l	100
47) Bromodichloromethane	7.87	83	297394	46.799	ug/l	100
48) Methyl methacrylate	7.74	41	192262	39.540	ug/l	100
49) 1,4-Dioxane	7.71	88	95573	1104.488	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1277715	212.609	ug/l	100
52) Toluene	8.77	92	563347	52.280	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	348686	47.997	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	354807	47.655	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	226458	51.002	ug/l	100
56) Ethyl methacrylate	9.16	69	337532	51.604	ug/l	100
57) 1,3-Dichloropropane	9.35	76	366505	49.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	850486	246.101	ug/l	100
59) 2-Hexanone	9.48	43	981945	214.940	ug/l	100
60) Dibromochloromethane	9.57	129	249964	47.872	ug/l	100
61) 1,2-Dibromoethane	9.65	107	246051	52.063	ug/l	100
64) Tetrachloroethene	9.32	164	199696	43.622	ug/l	100
65) Chlorobenzene	10.12	112	613087	50.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	221031	45.894	ug/l	100
67) Ethyl Benzene	10.24	91	1079270	51.120	ug/l	100
68) m/p-Xylenes	10.34	106	864486	106.979	ug/l	100
69) o-Xylene	10.68	106	404539	53.088	ug/l	100
70) Styrene	10.70	104	699686	53.458	ug/l	100
71) Bromoform	10.84	173	185563	46.108	ug/l	# 100
73) Isopropylbenzene	11.00	105	1098851	51.921	ug/l	100
74) N-amyl acetate	10.88	43	345572	38.392	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	333803	48.111	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	394781	60.308	ug/l	85
77) Bromobenzene	11.24	156	270075	46.848	ug/l	100
78) n-propylbenzene	11.34	91	1215604	49.580	ug/l	100
79) 2-Chlorotoluene	11.40	91	713914	48.242	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	916686	50.927	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	121281	47.638	ug/l	100
82) 4-Chlorotoluene	11.49	91	849157	48.259	ug/l	100
83) tert-Butylbenzene	11.76	119	925383	52.609	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	917912	50.802	ug/l	100
85) sec-Butylbenzene	11.93	105	1063411	51.439	ug/l	100
86) p-Isopropyltoluene	12.05	119	1002123	52.724	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	498834	47.960	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	509952	48.240	ug/l	100
89) n-Butylbenzene	12.37	91	887794	50.620	ug/l	100
90) Hexachloroethane	12.58	117	159269	43.126	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	485609	49.572	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	77856	46.827	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Oct 21 11:52:46 2020
Response via : Initial Calibration

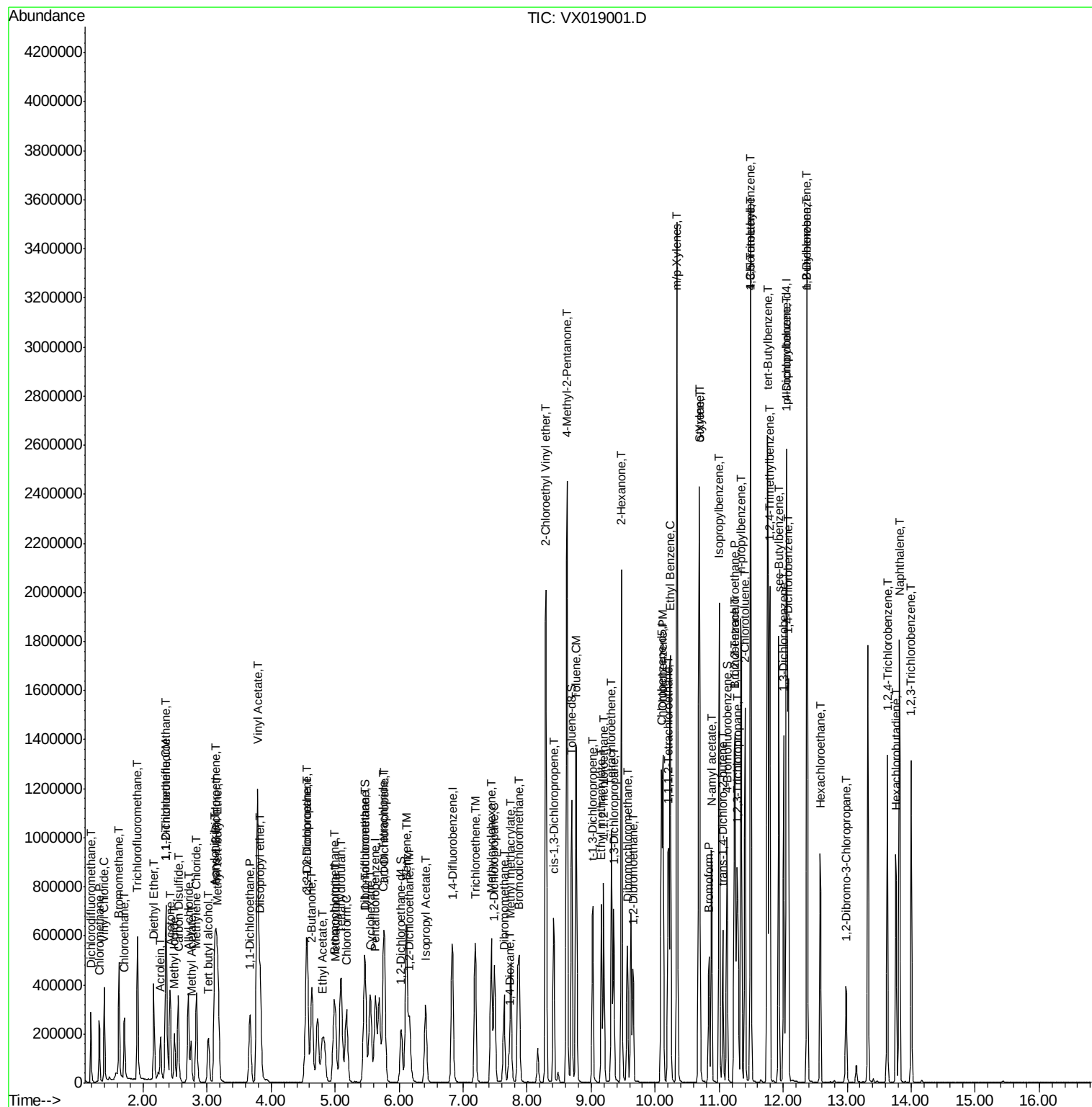
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	315239	46.586	ug/l	100
94) Hexachlorobutadiene	13.77	225	125862	44.709	ug/l	100
95) Naphthalene	13.82	128	1093277	53.041	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	302774	47.068	ug/l	100

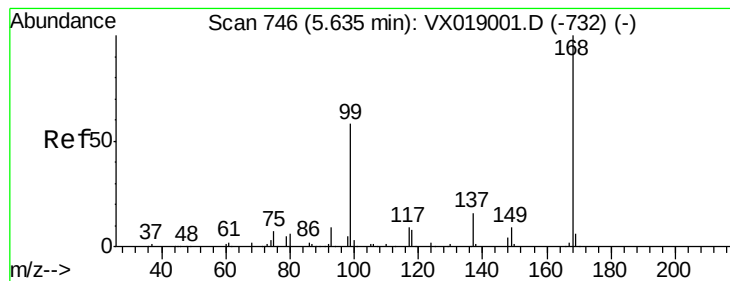
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

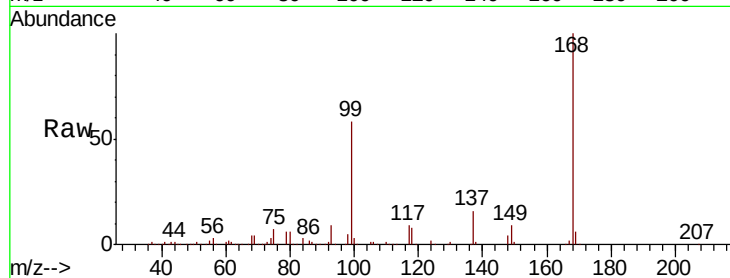
VSTDICCC050

Tot Ion:168 Resp: 334295

Ion Ratio Lower Upper

168 100

99 58.3 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

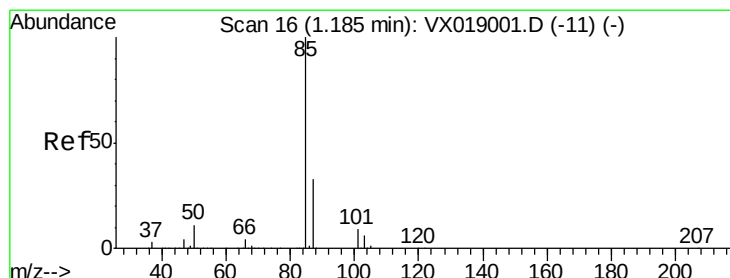
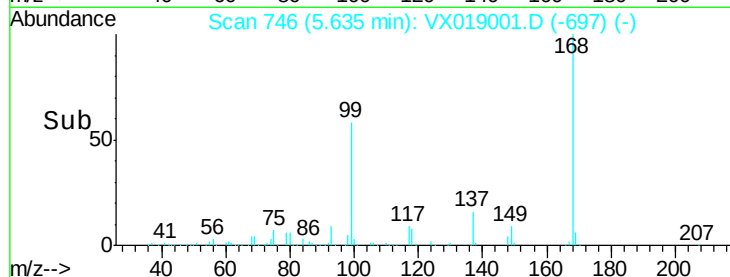
5.64

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.626 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019001.D

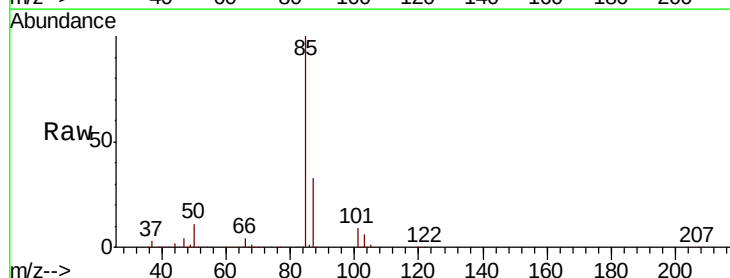
Acq: 21 Oct 2020 11:32

Tgt Ion: 85 Resp: 144479

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

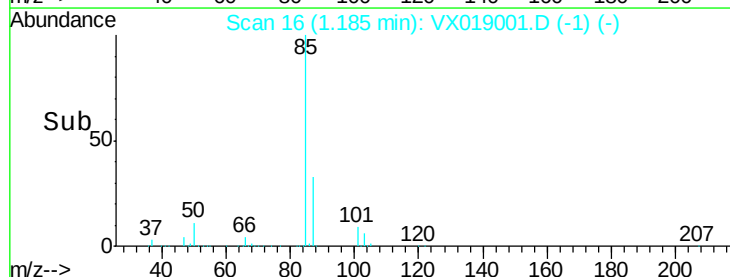
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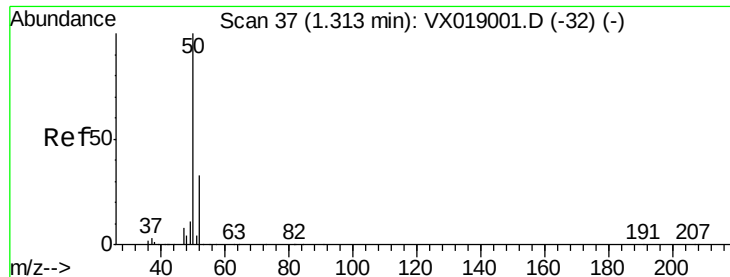
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.494 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

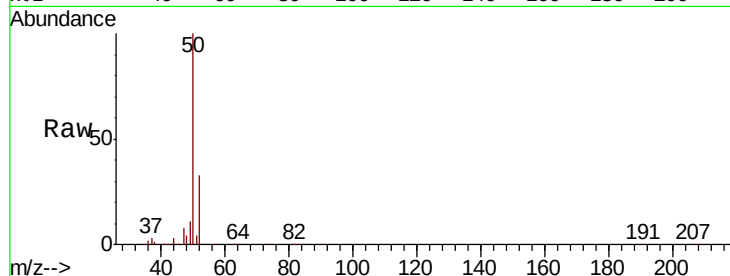
VSTDICCC050

Tot Ion: 50 Resp: 158754

Ion Ratio Lower Upper

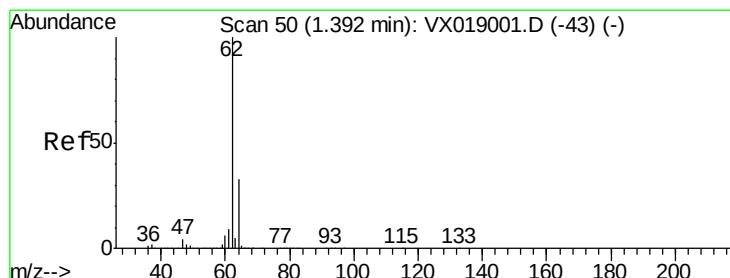
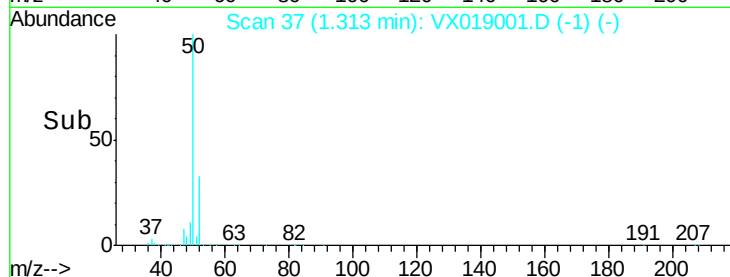
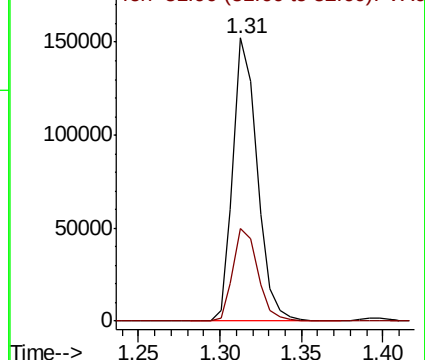
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.127 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019001.D

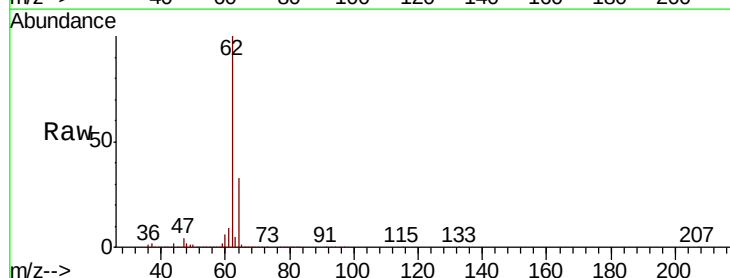
Acq: 21 Oct 2020 11:32

Tgt Ion: 62 Resp: 221846

Ion Ratio Lower Upper

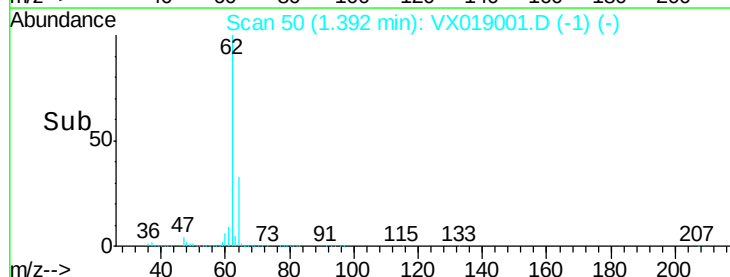
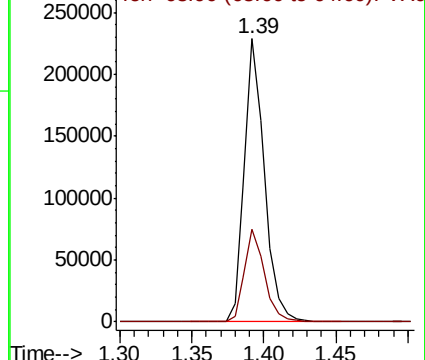
62 100

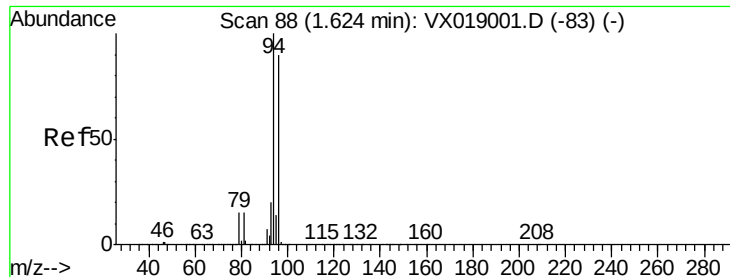
64 32.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 67.461 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

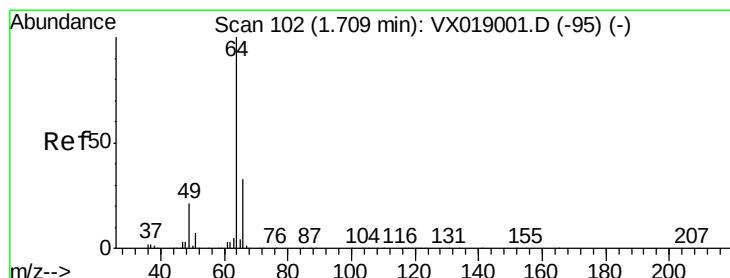
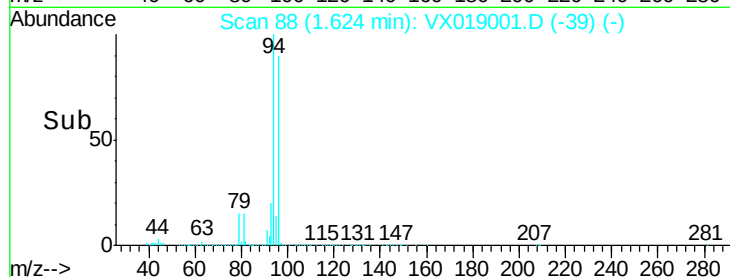
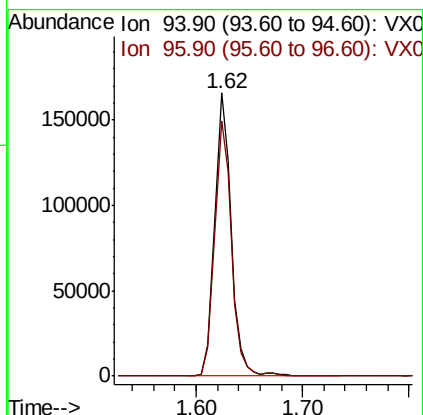
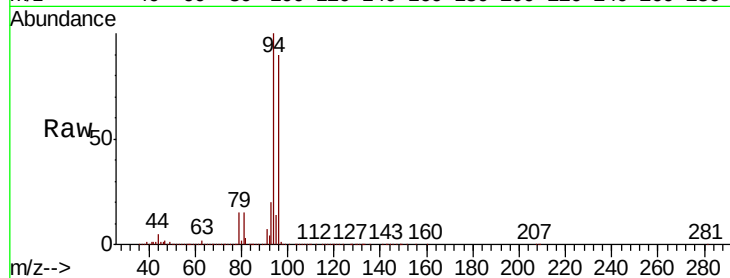
VSTDICCC050

Tot Ion: 94 Resp: 177019

Ion Ratio Lower Upper

94 100

96 90.4 72.3 108.5



#6

Chloroethane

Concen: 69.188 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019001.D

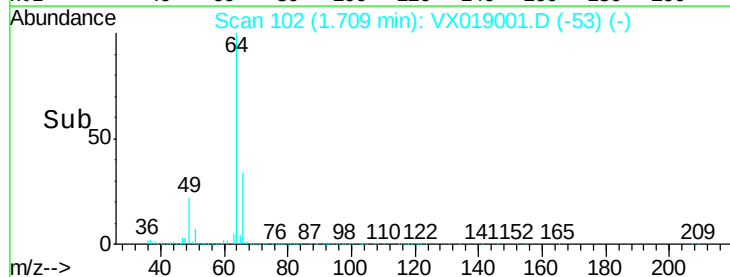
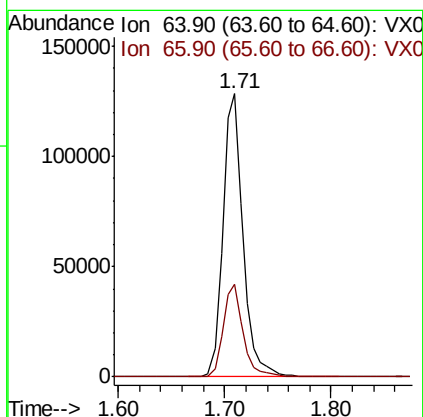
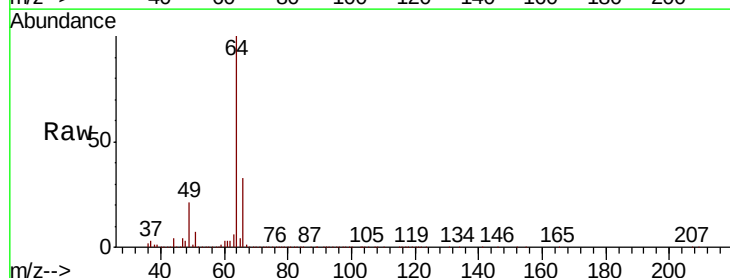
Acq: 21 Oct 2020 11:32

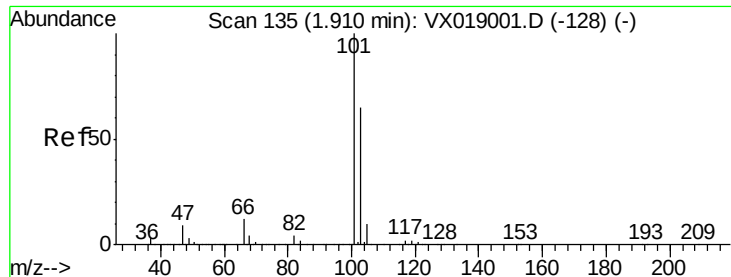
Tgt Ion: 64 Resp: 168504

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1



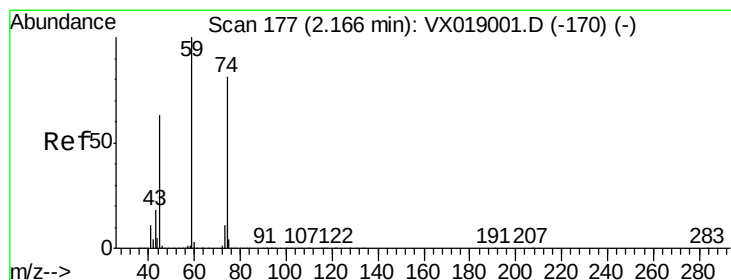
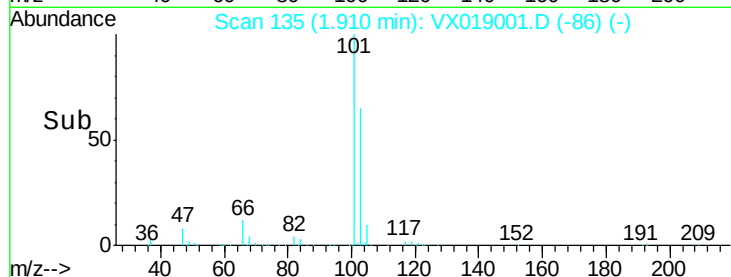
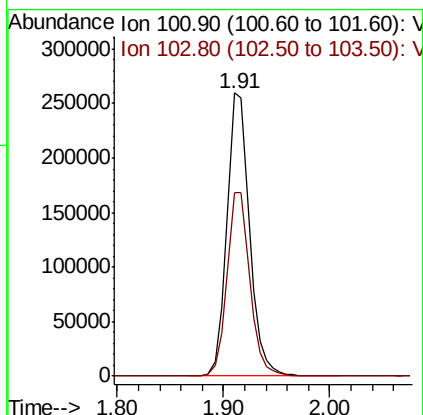
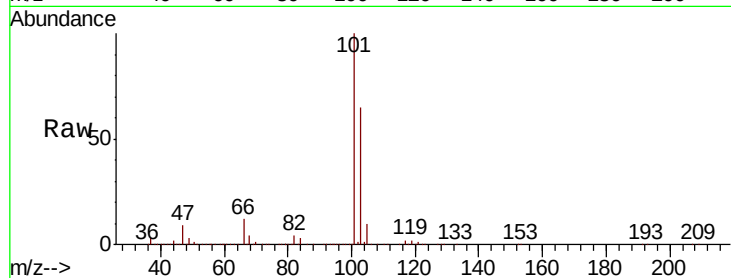


#7

Trichlorofluoromethane
 Concen: 61.832 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

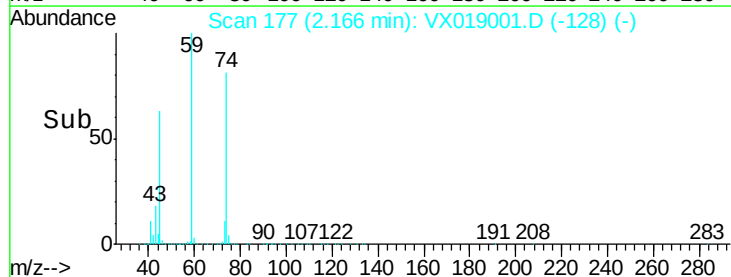
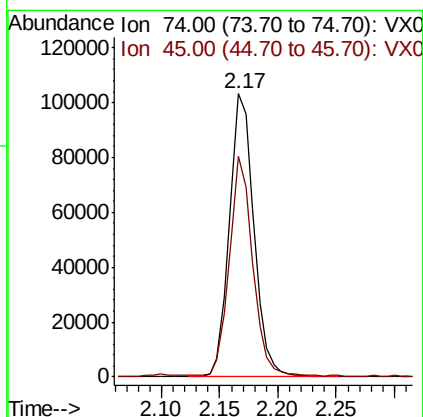
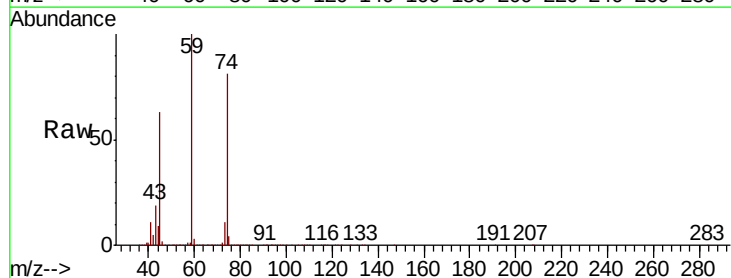
Tot Ion:101 Resp: 389071
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

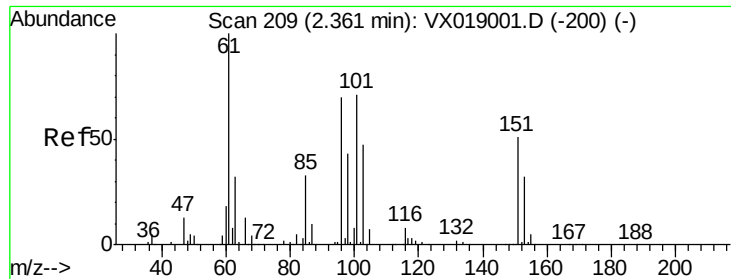


#8

Diethyl Ether
 Concen: 66.676 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 74 Resp: 151240
 Ion Ratio Lower Upper
 74 100
 45 73.7 36.9 110.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.717 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

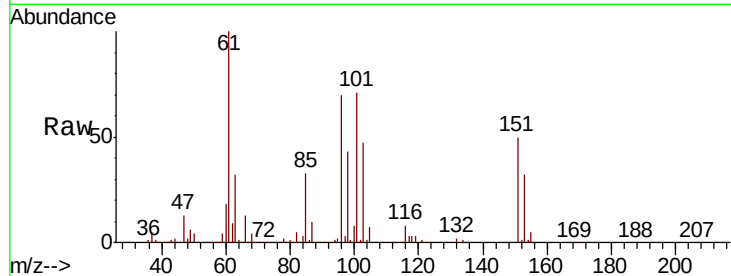
Tot Ion:101 Resp: 148418

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

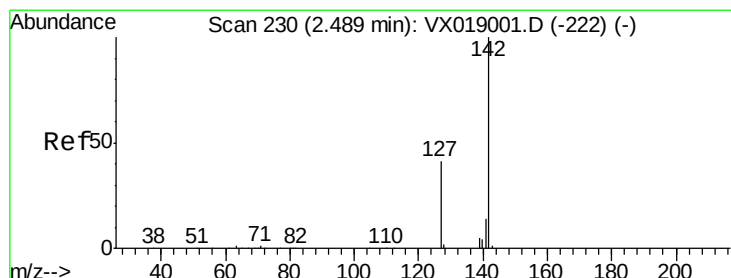
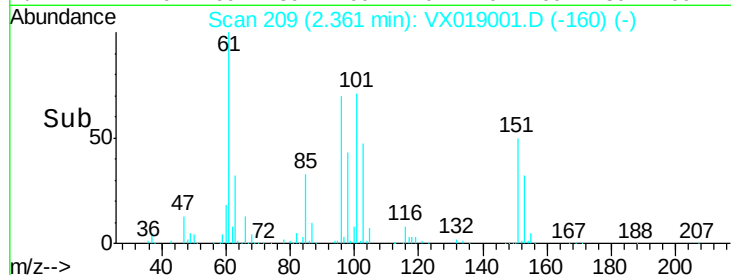
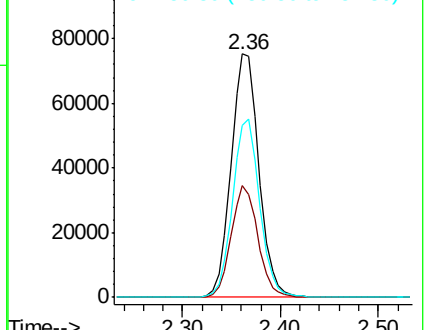
151 71.4 57.1 85.7



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: 56.934 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

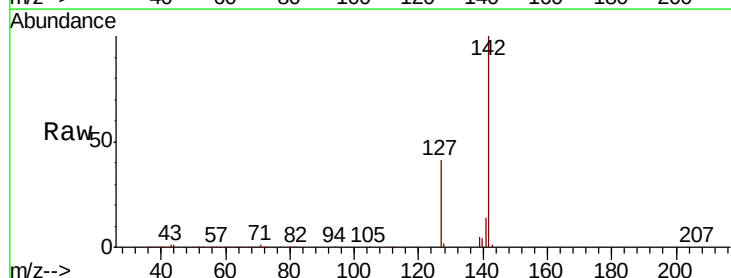
Tgt Ion:142 Resp: 197383

Ion Ratio Lower Upper

142 100

127 42.5 34.0 51.0

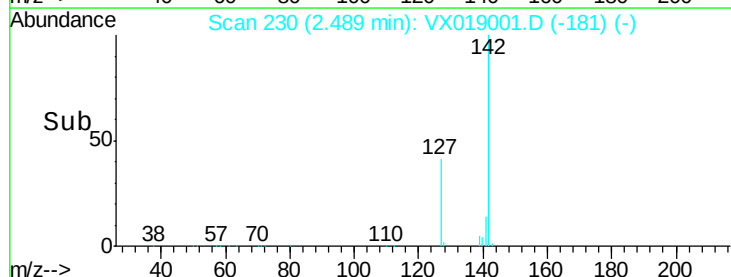
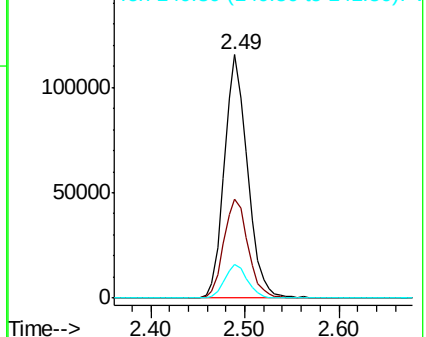
141 13.9 11.1 16.7

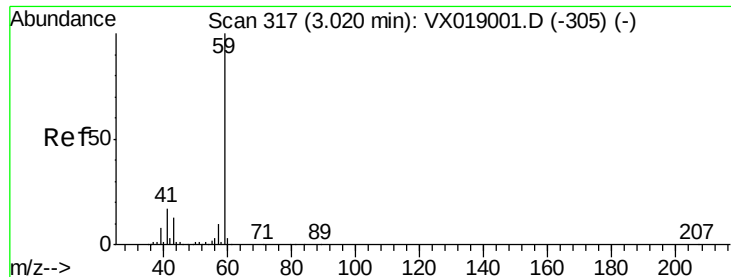


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



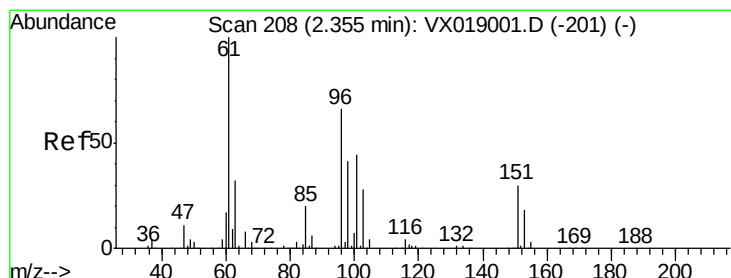
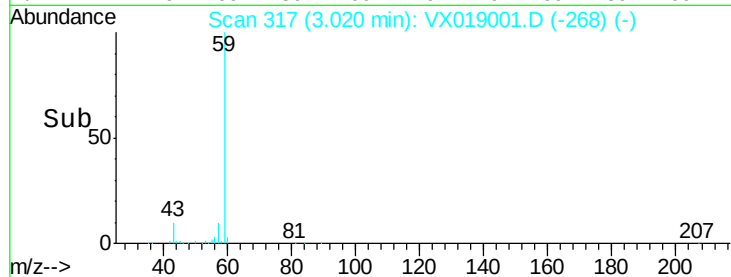
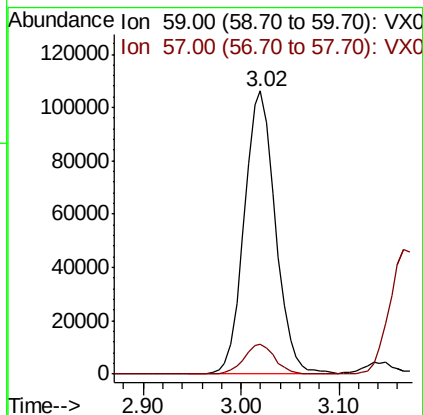
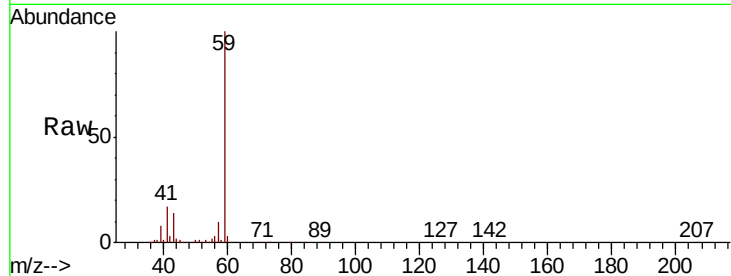


#11

Tert butyl alcohol
Concen: 276.957 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

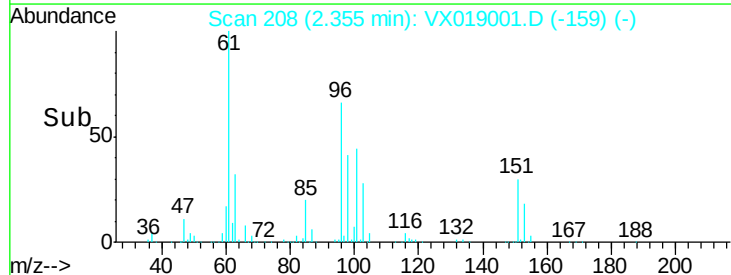
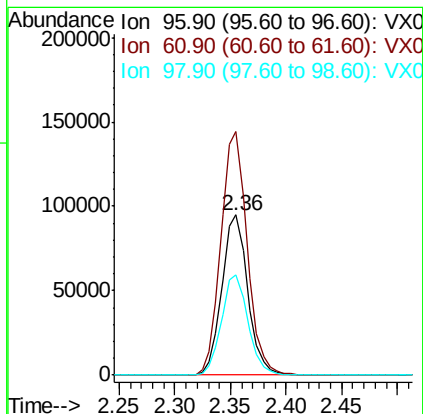
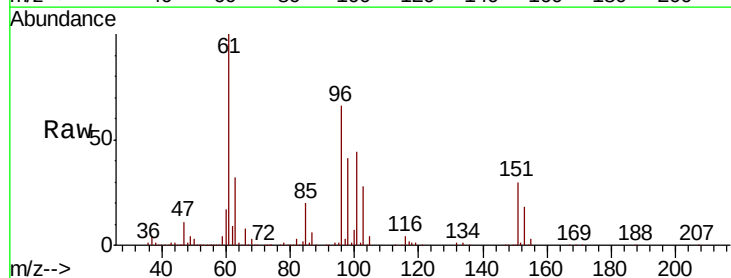
Tot Ion: 59 Resp: 235080
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

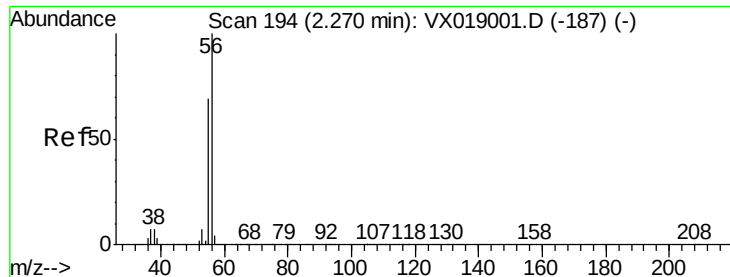


#12

1,1-Dichloroethene
Concen: 47.436 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion: 96 Resp: 152517
Ion Ratio Lower Upper
96 100
61 152.2 121.8 182.6
98 62.8 50.2 75.4





#13

Acrolein

Concen: 250.320 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

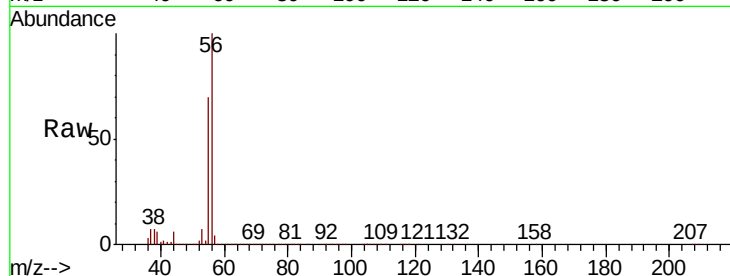
VSTDICCC050

Tot Ion: 56 Resp: 131541

Ion Ratio Lower Upper

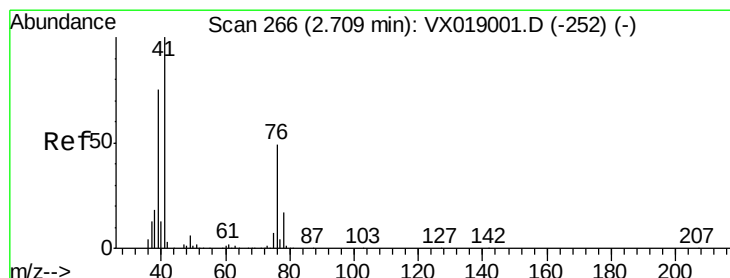
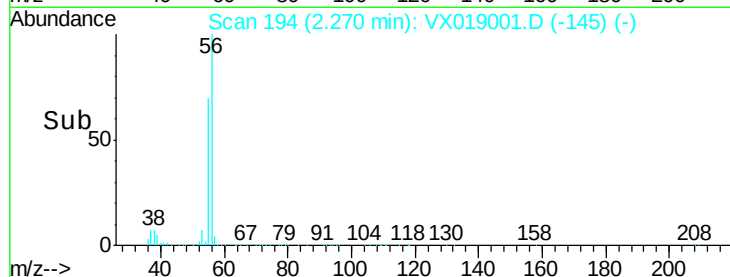
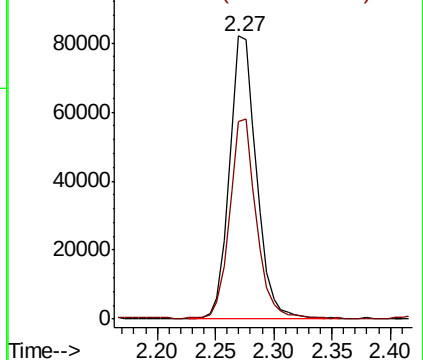
56 100

55 69.9 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 36.565 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

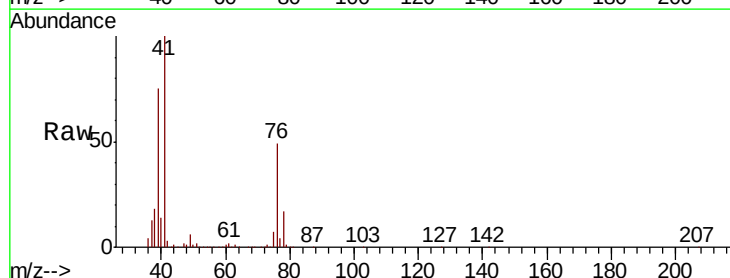
Tgt Ion: 41 Resp: 218672

Ion Ratio Lower Upper

41 100

39 71.5 57.2 85.8

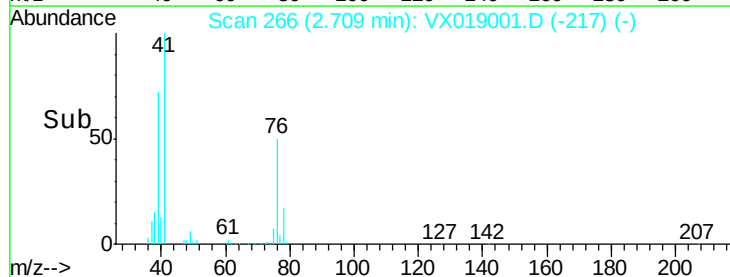
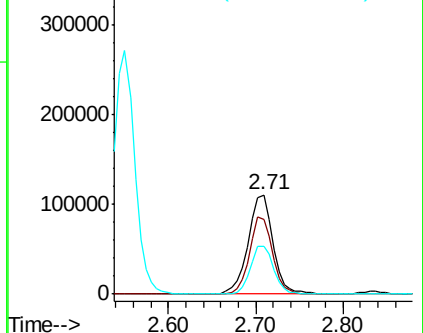
76 44.5 35.6 53.4

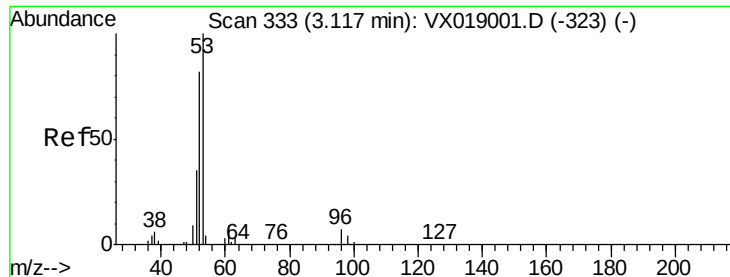


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 226.955 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

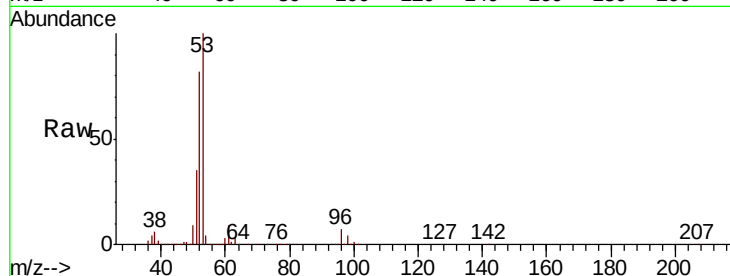
Tot Ion: 53 Resp: 436206

Ion Ratio Lower Upper

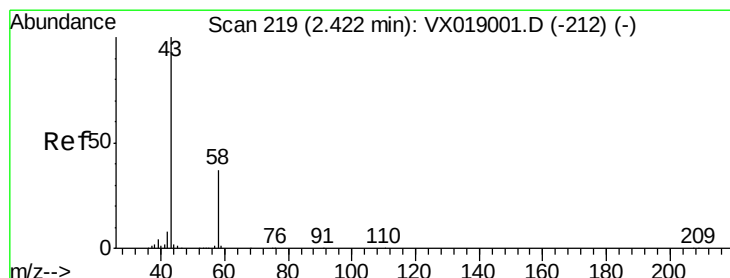
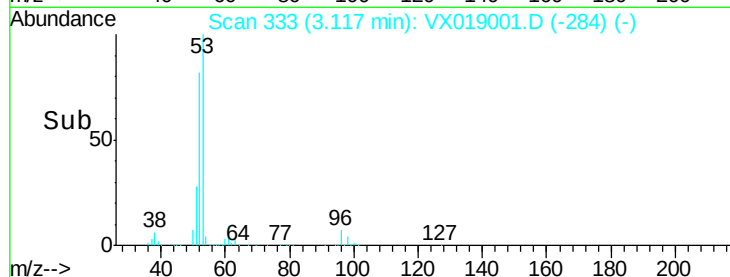
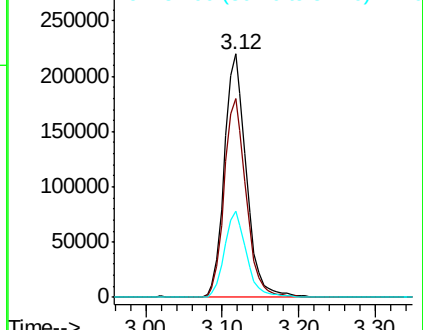
53 100

52 81.8 65.4 98.2

51 35.6 28.5 42.7



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: 214.509 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019001.D

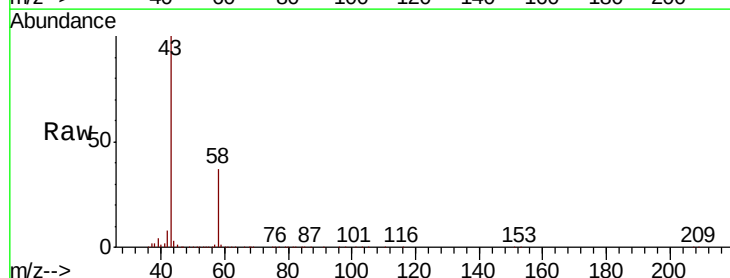
Acq: 21 Oct 2020 11:32

Tgt Ion: 43 Resp: 379900

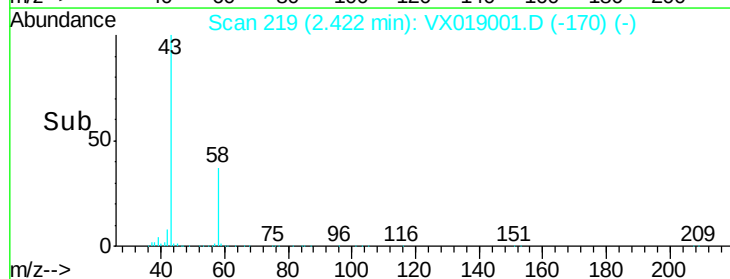
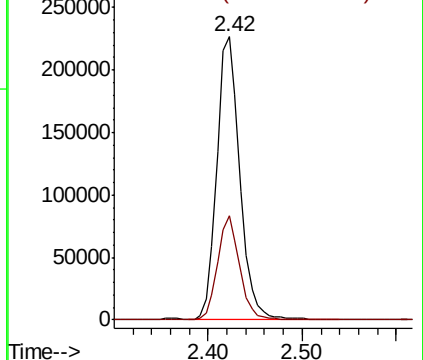
Ion Ratio Lower Upper

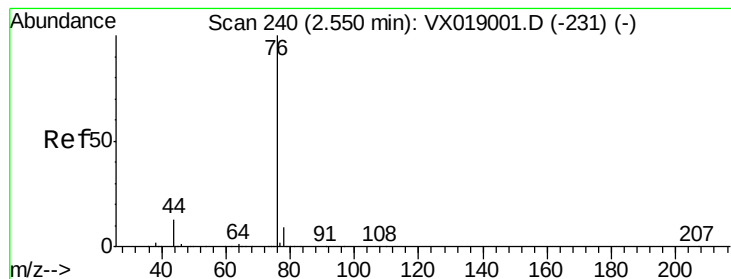
43 100

58 37.1 29.7 44.5



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





#17

Carbon Disulfide

Concen: 47.171 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

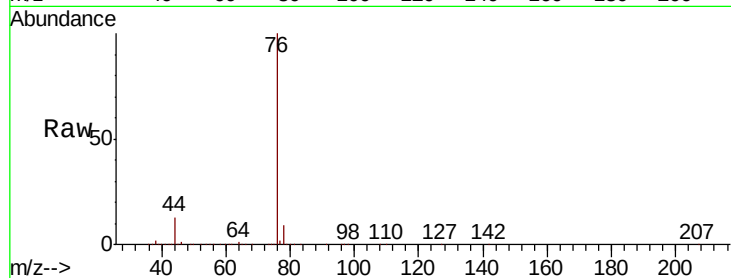
VSTDICCC050

Tot Ion: 76 Resp: 453240

Ion Ratio Lower Upper

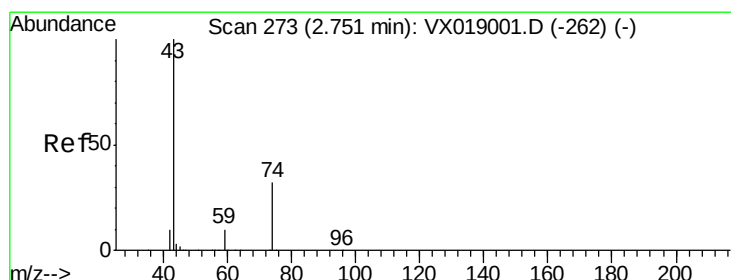
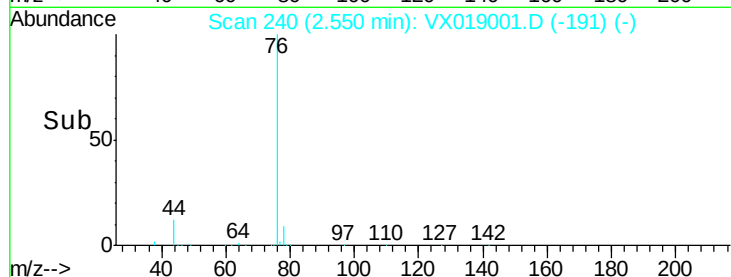
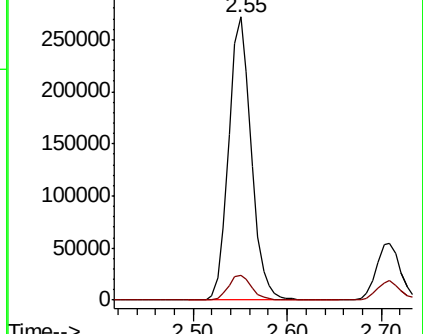
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 41.588 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019001.D

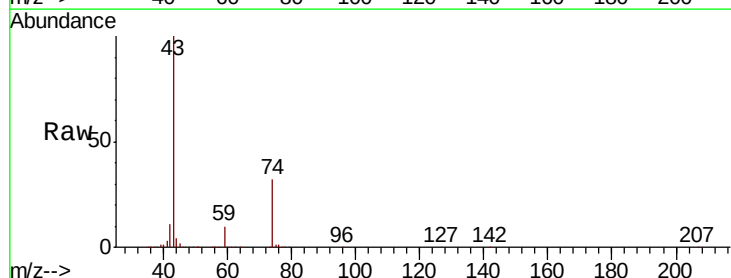
Acq: 21 Oct 2020 11:32

Tgt Ion: 43 Resp: 180656

Ion Ratio Lower Upper

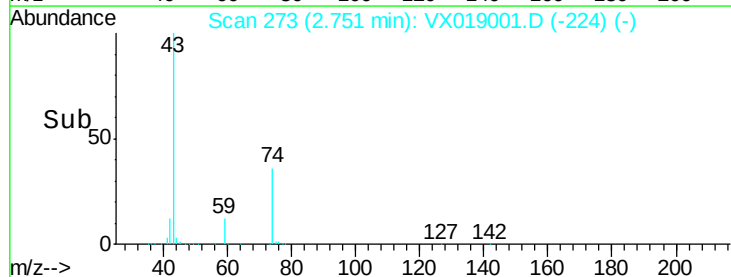
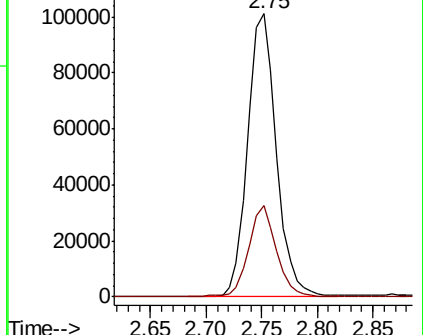
43 100

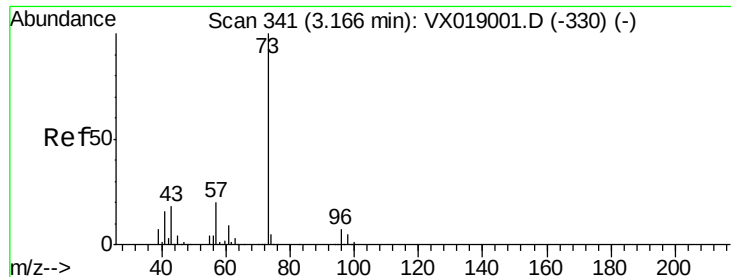
74 31.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



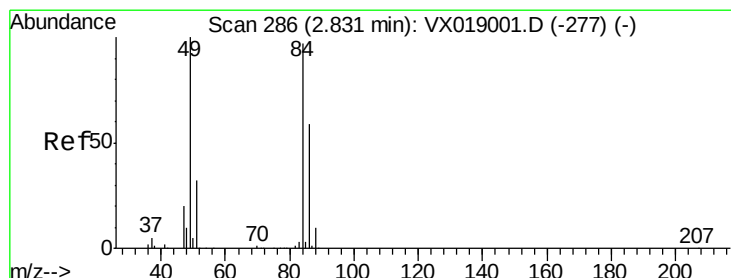
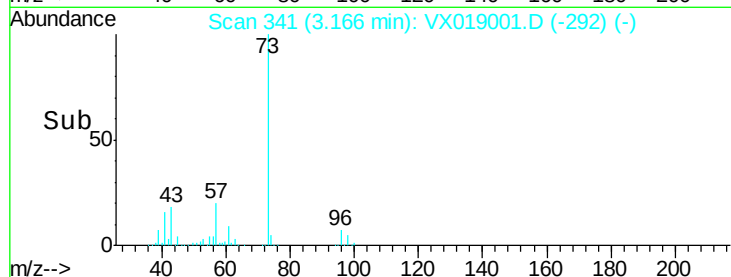
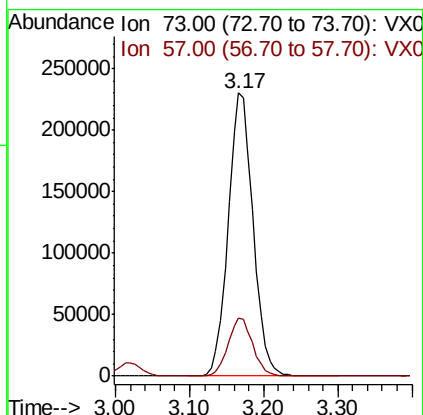
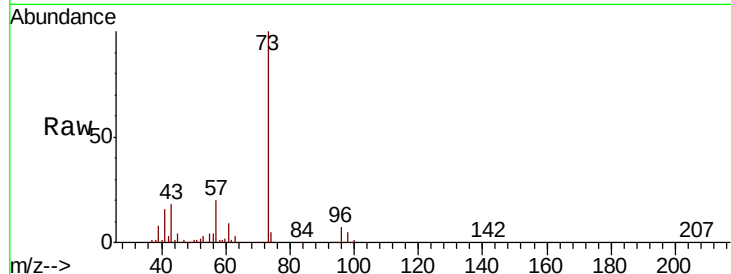


#19

Methyl tert-butyl Ether
 Concen: 47.777 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

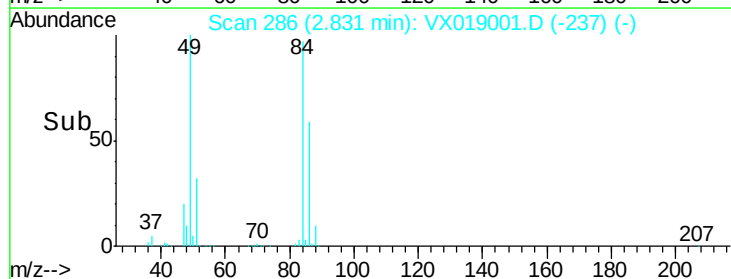
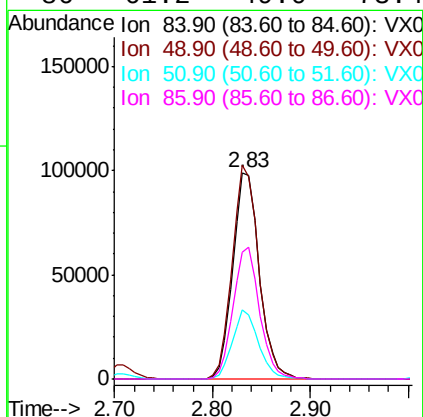
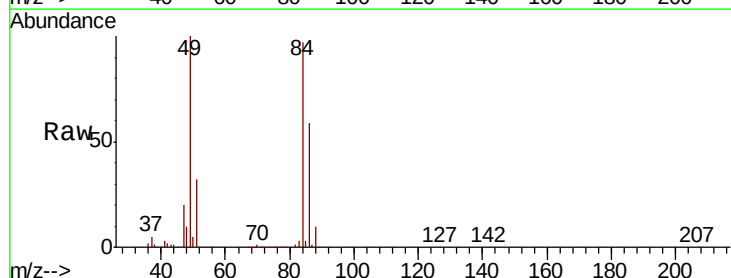
Tot Ion: 73 Resp: 537459
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.2 24.4

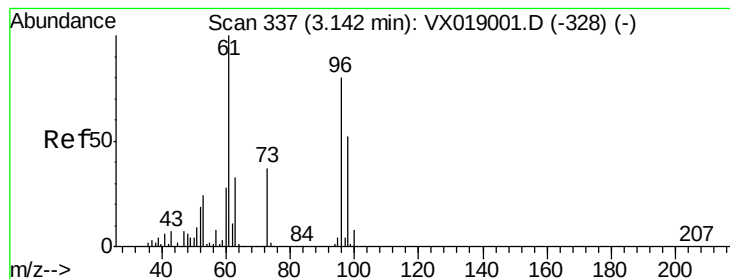


#20

Methylene Chloride
 Concen: 46.907 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 84 Resp: 187657
 Ion Ratio Lower Upper
 84 100
 49 103.3 82.6 124.0
 51 33.2 26.6 39.8
 86 61.2 49.0 73.4





#21

trans-1,2-Dichloroethene

Concen: 50.485 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

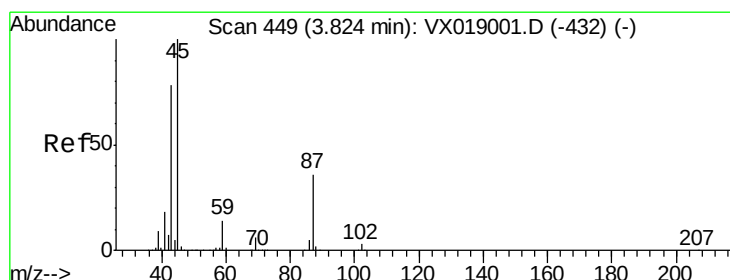
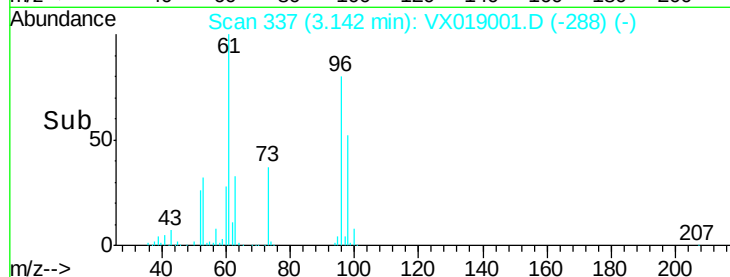
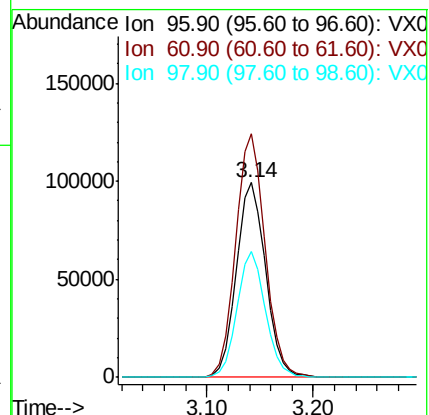
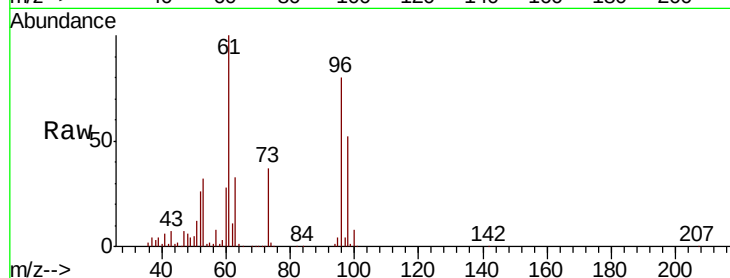
Tot Ion: 96 Resp: 192131

Ion Ratio Lower Upper

96 100

61 125.0 100.0 150.0

98 64.9 51.9 77.9



#22

Diisopropyl ether

Concen: 39.663 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Tgt Ion: 45 Resp: 449388

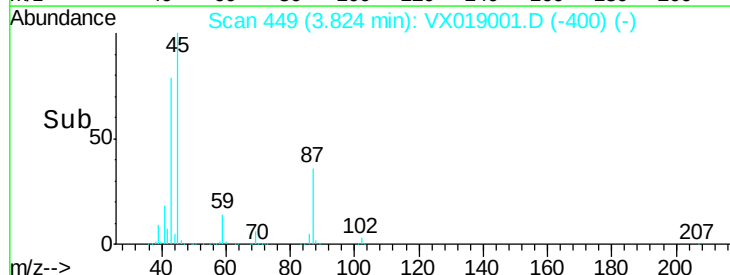
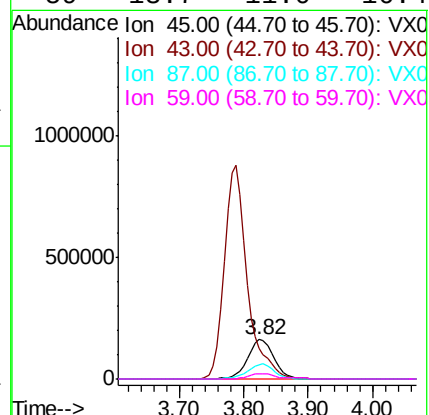
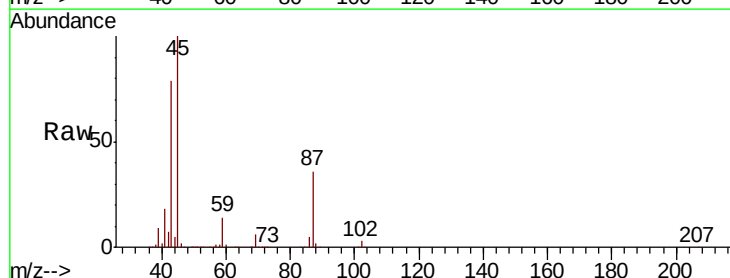
Ion Ratio Lower Upper

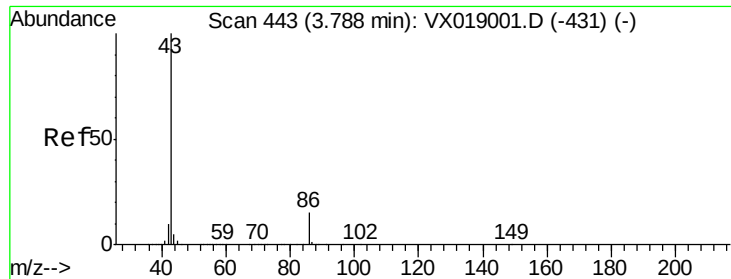
45 100

43 78.4 62.7 94.1

87 36.4 29.1 43.7

59 13.7 11.0 16.4





#23

Vinyl Acetate

Concen: 217.796 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

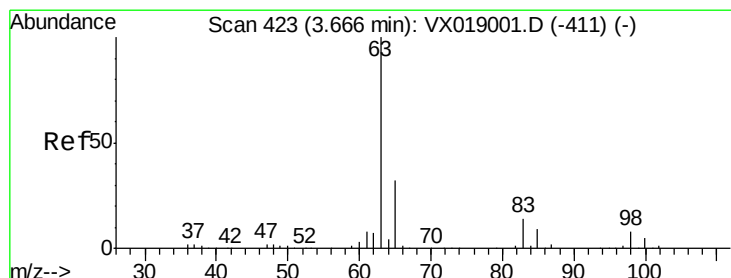
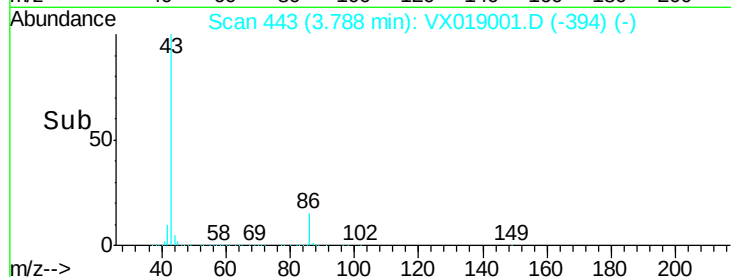
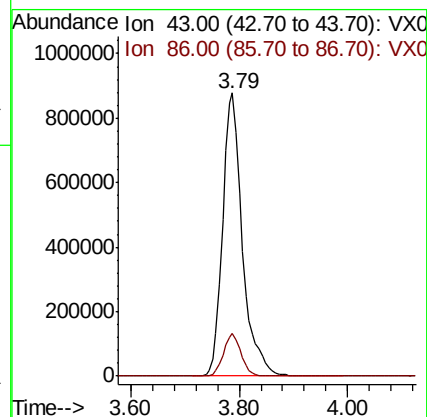
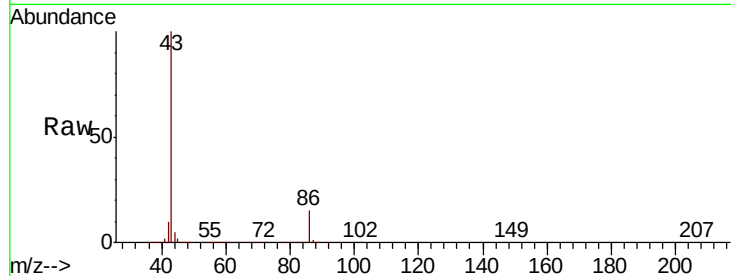
VSTDICCC050

Tot Ion: 43 Resp: 2207740

Ion Ratio Lower Upper

43 100

86 15.0 12.0 18.0



#24

1,1-Dichloroethane

Concen: 47.241 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

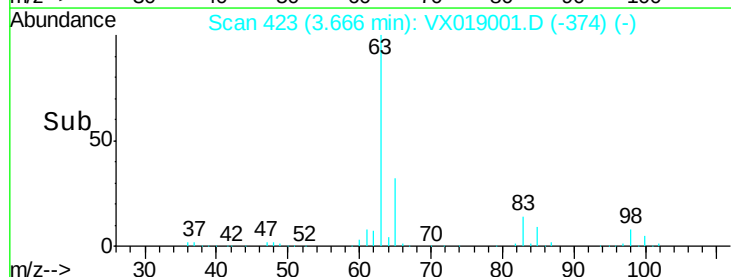
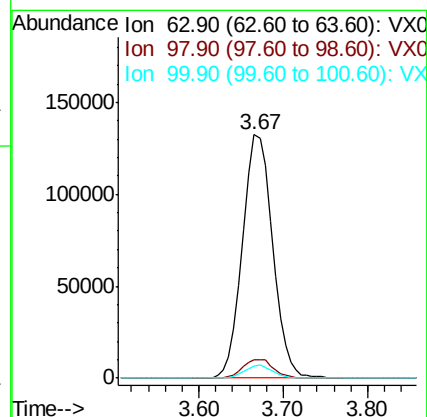
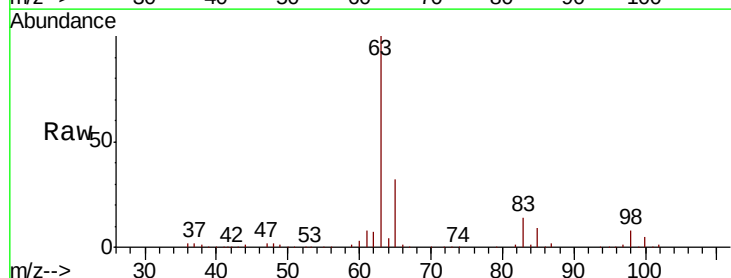
Tgt Ion: 63 Resp: 320088

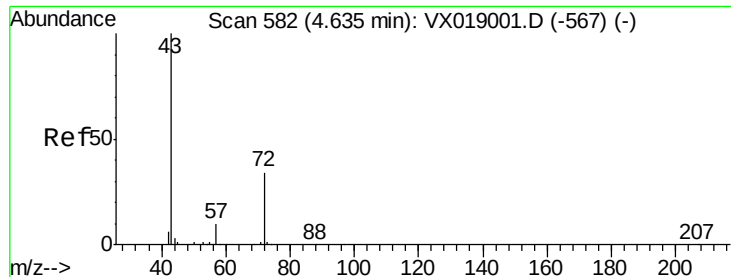
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 228.778 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

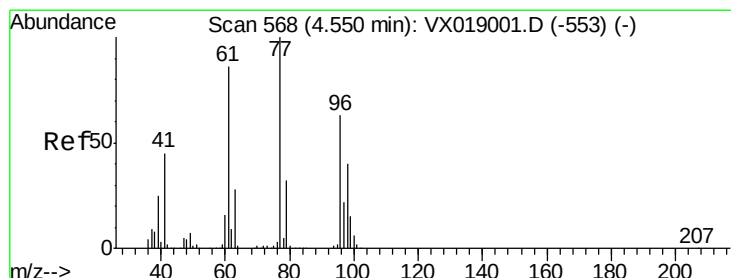
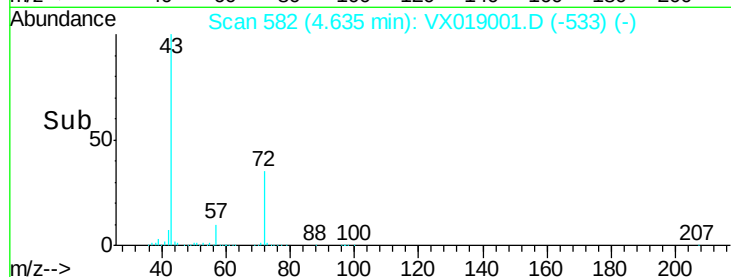
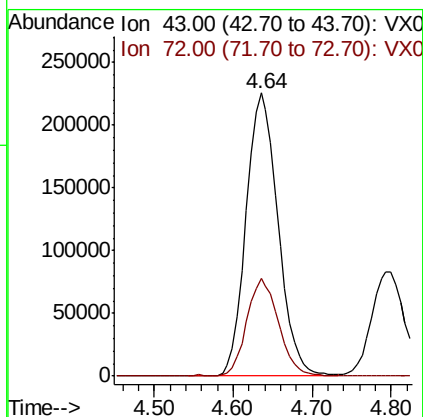
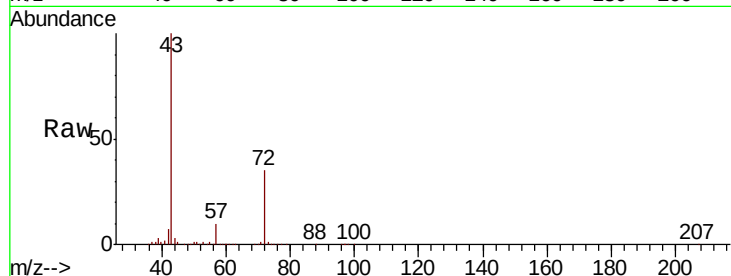
VSTDICCC050

Tot Ion: 43 Resp: 633137

Ion Ratio Lower Upper

43 100

72 34.4 27.5 41.3



#26

2,2-Dichloropropane

Concen: 49.087 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019001.D

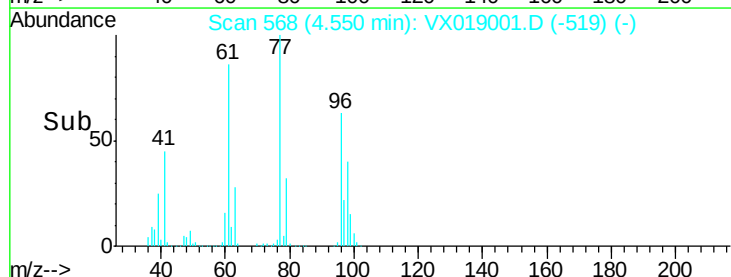
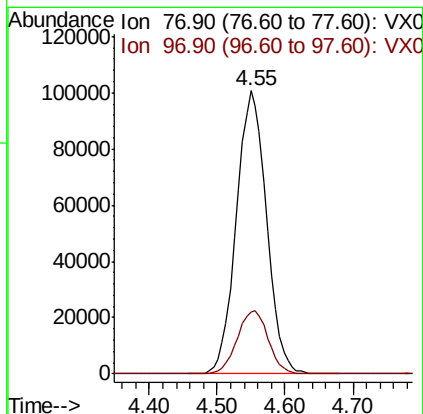
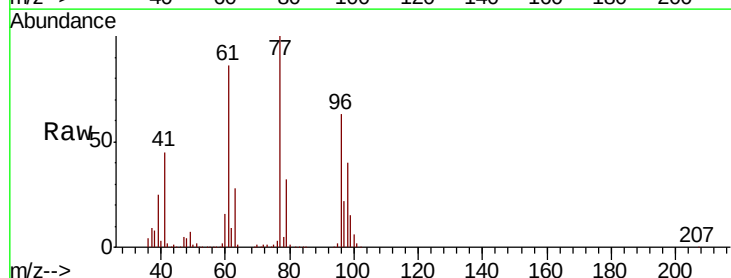
Acq: 21 Oct 2020 11:32

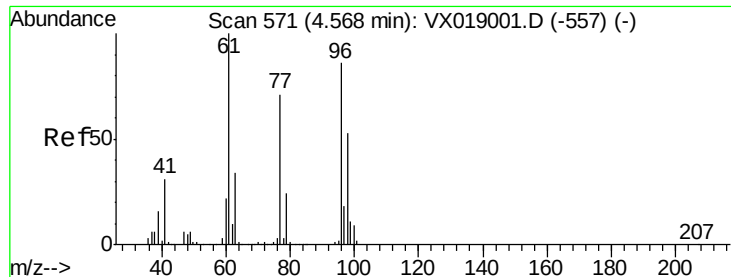
Tgt Ion: 77 Resp: 310412

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



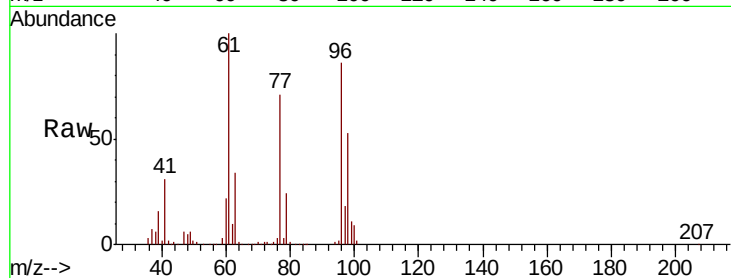


#27

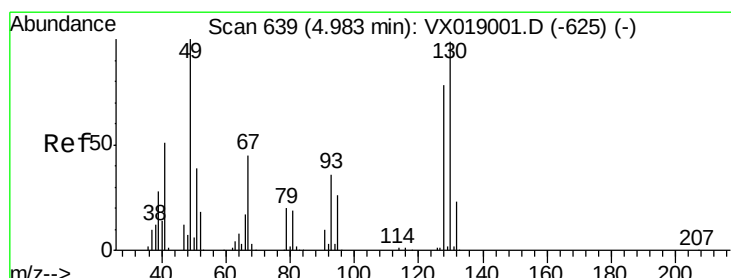
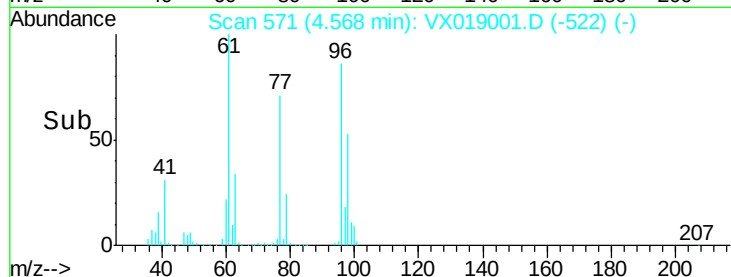
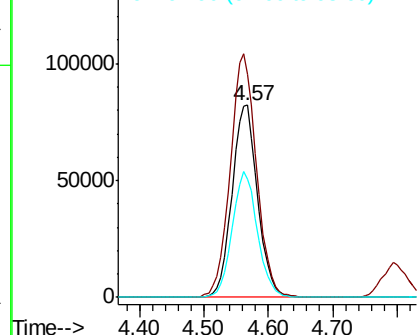
cis-1,2-Dichloroethene
Concen: 53.231 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	259.8
98	64.6	0.0	129.2



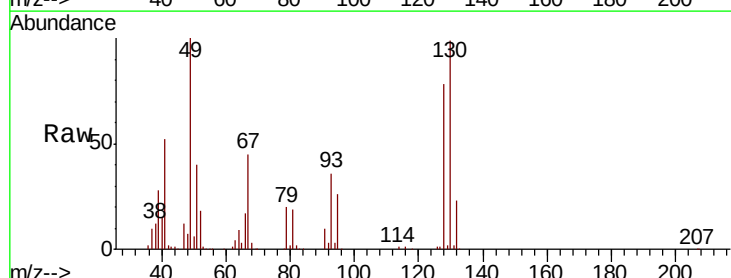
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



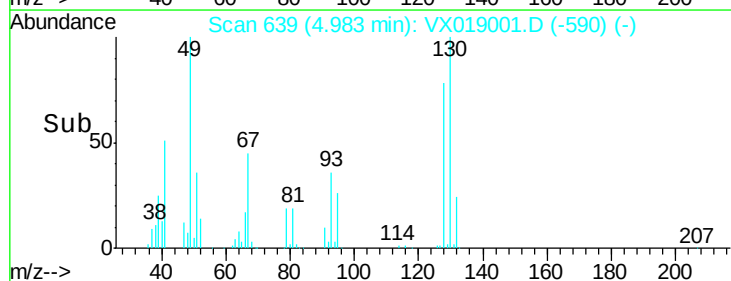
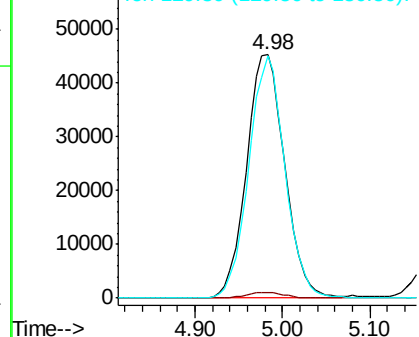
#28

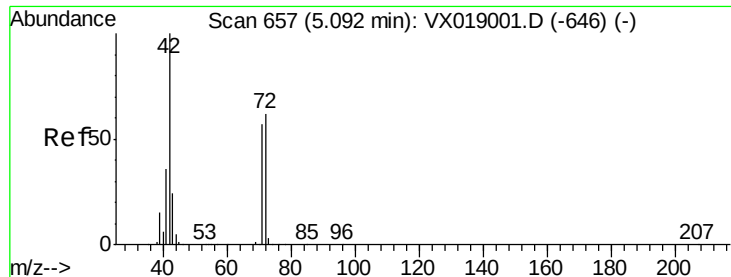
Bromochloromethane
Concen: 44.119 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	94.1	75.3	112.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 209.734 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

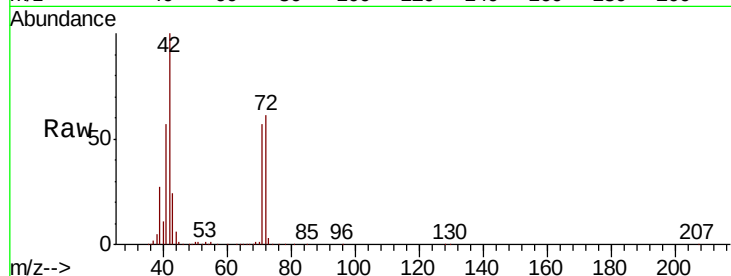
Tot Ion: 42 Resp: 359136

Ion Ratio Lower Upper

42 100

72 62.3 49.8 74.8

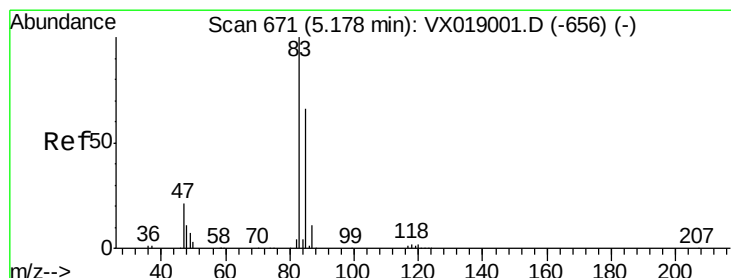
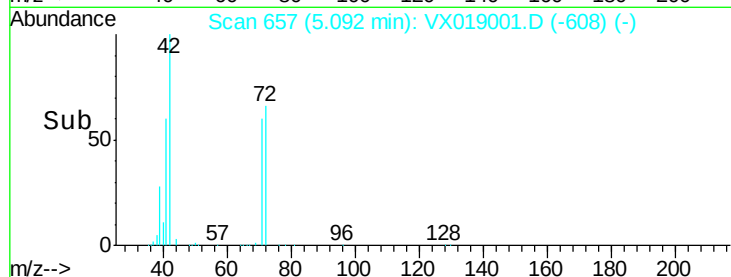
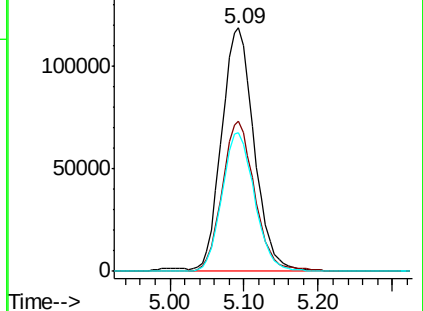
71 57.3 45.8 68.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.948 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019001.D

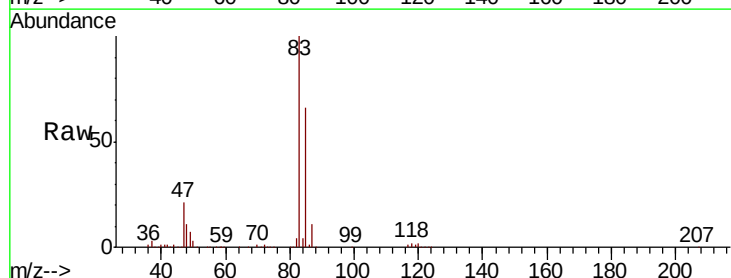
Acq: 21 Oct 2020 11:32

Tgt Ion: 83 Resp: 362867

Ion Ratio Lower Upper

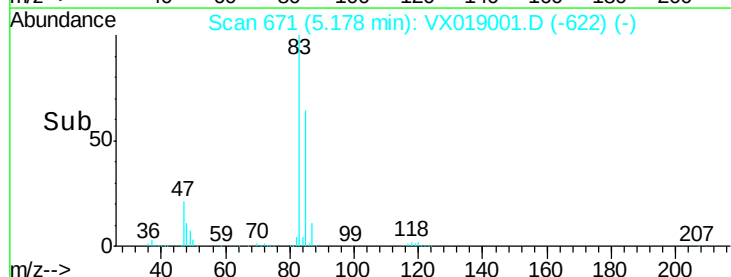
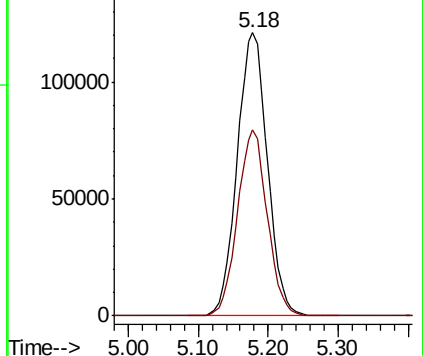
83 100

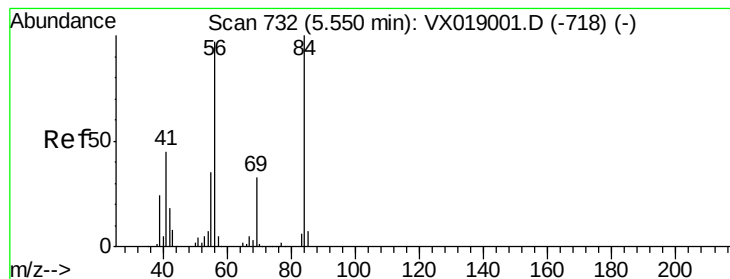
85 65.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.101 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

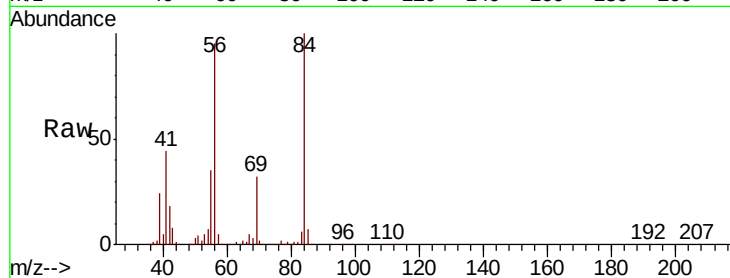
Tot Ion: 56 Resp: 252556

Ion Ratio Lower Upper

56 100

69 33.6 26.9 40.3

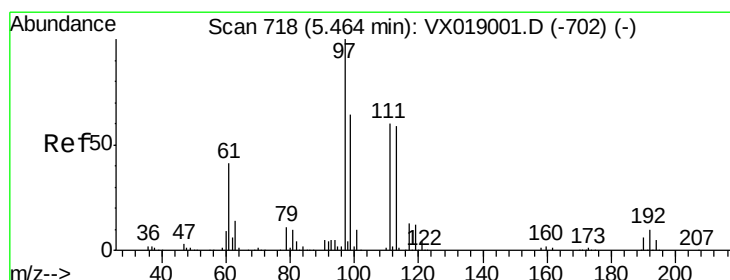
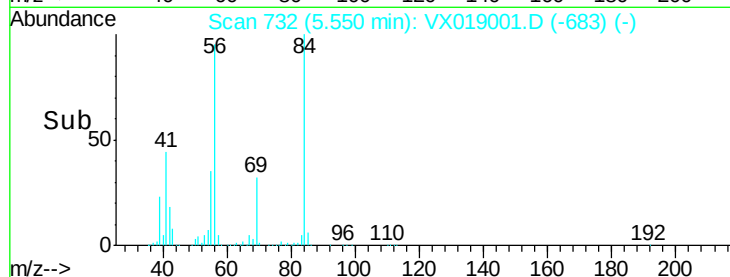
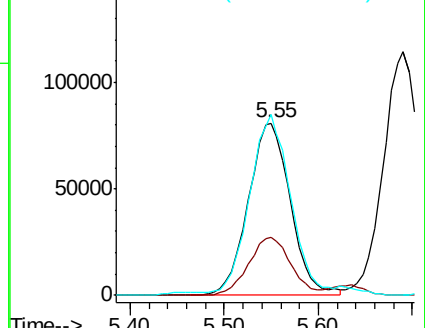
84 102.8 82.2 123.4



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: 49.344 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

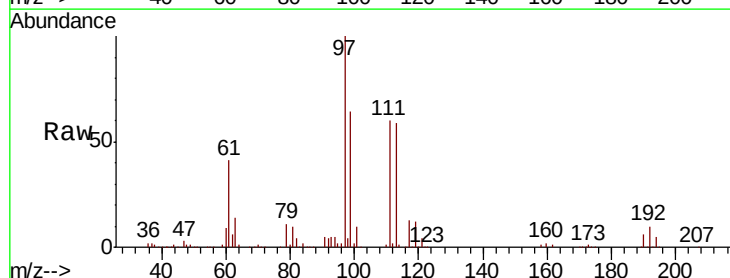
Tgt Ion: 97 Resp: 319718

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

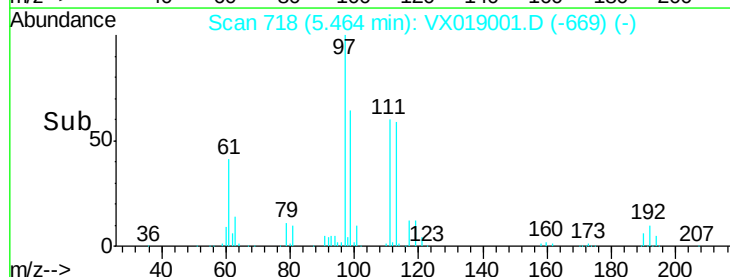
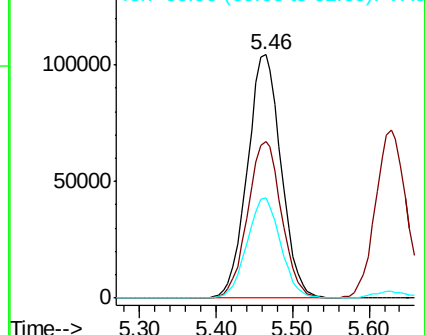
61 41.2 33.0 49.4

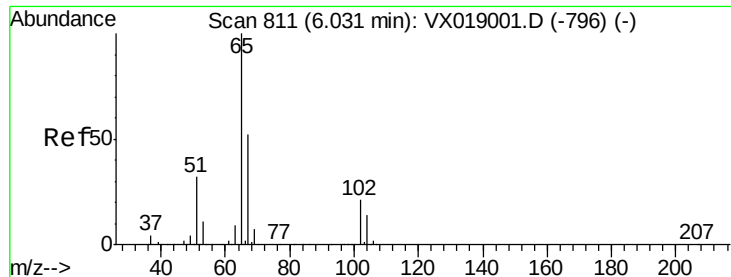


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

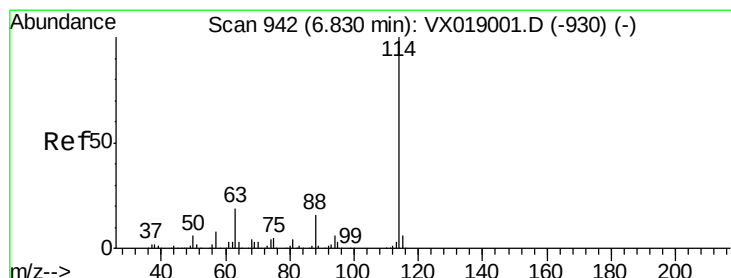
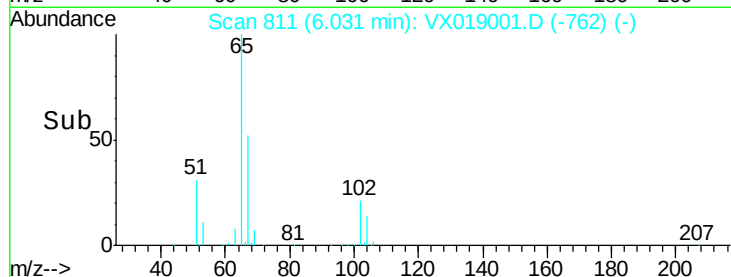
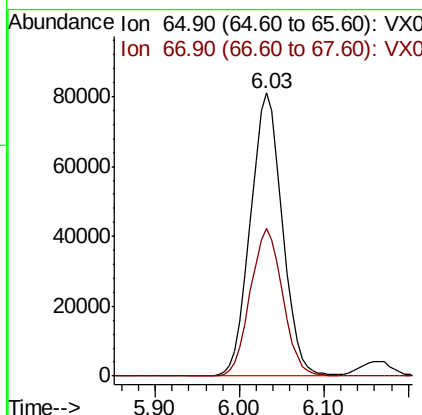
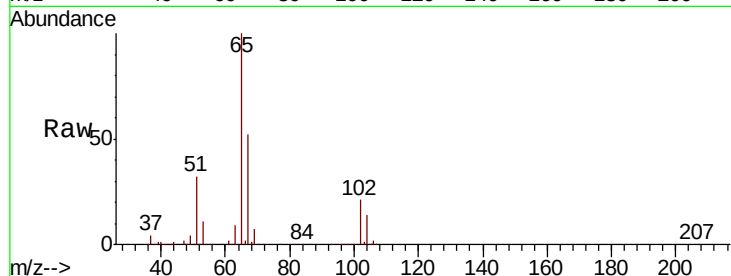




#33
 1,2-Dichloroethane-d4
 Concen: 44.482 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

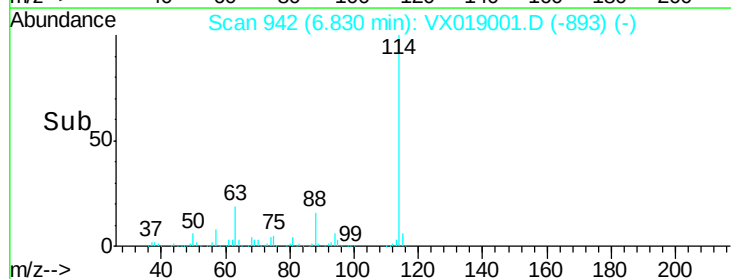
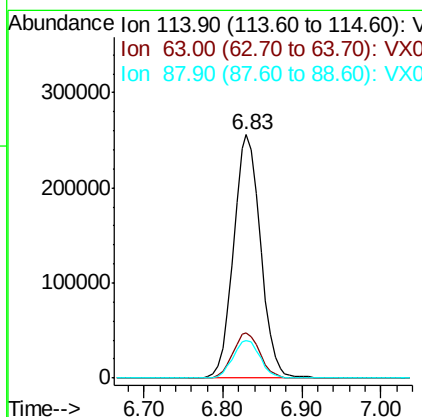
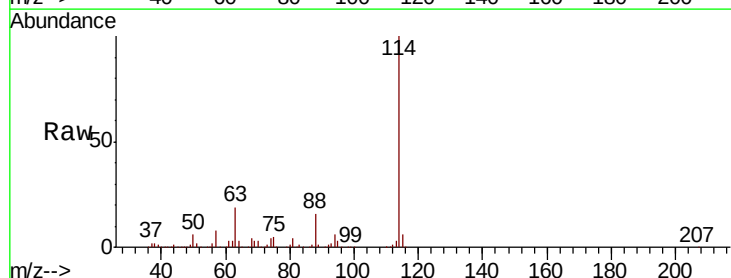
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

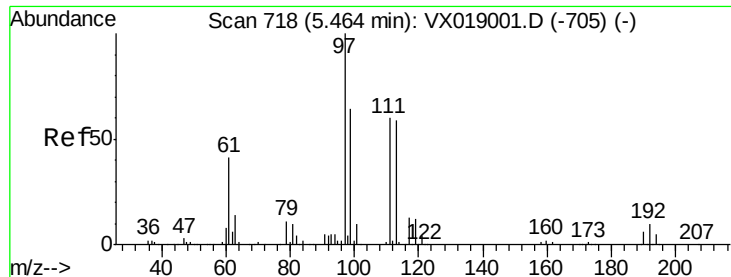
Tot Ion: 65 Resp: 208708
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 114 Resp: 608520
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.6 0.0 31.2

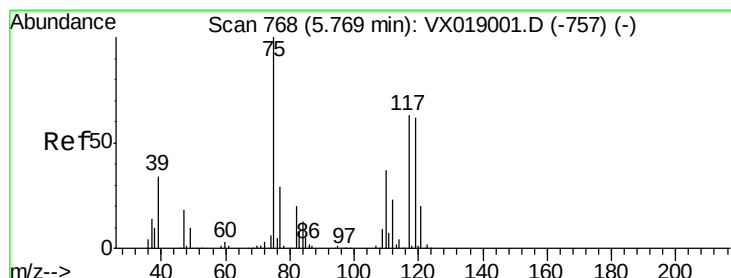
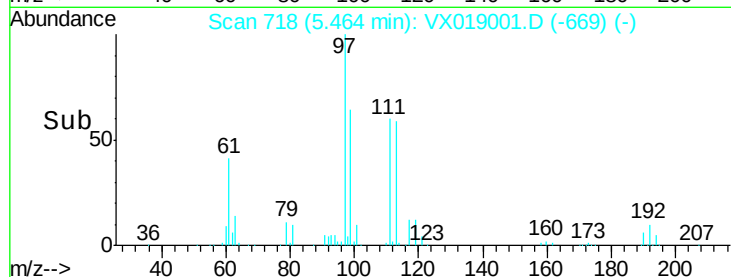
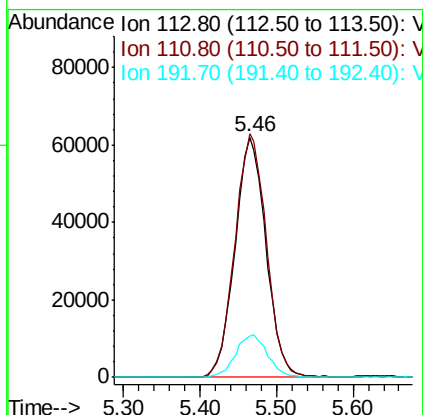
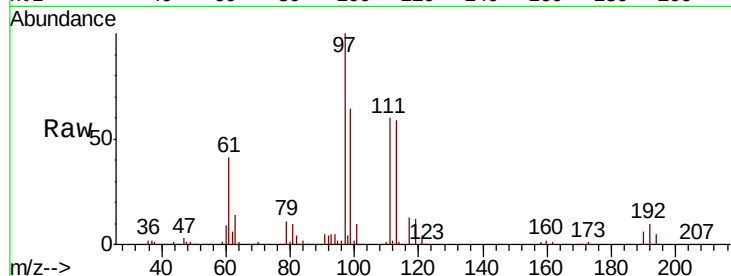




#35
 Dibromofluoromethane
 Concen: 42.311 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

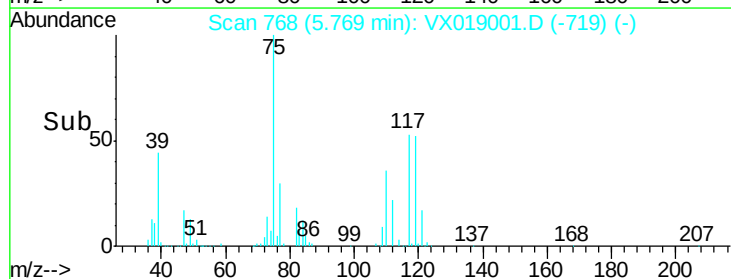
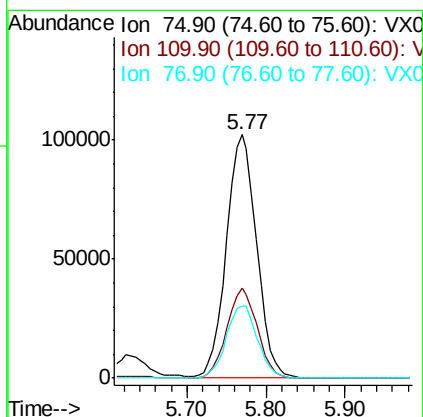
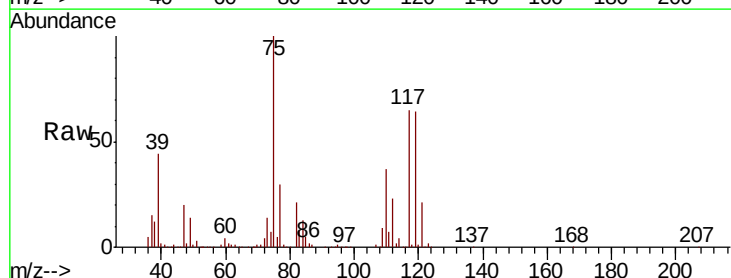
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

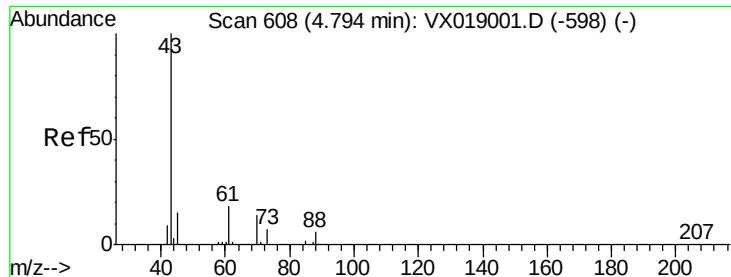
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	18.2	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 46.654 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.6
77	31.2	25.0	37.4

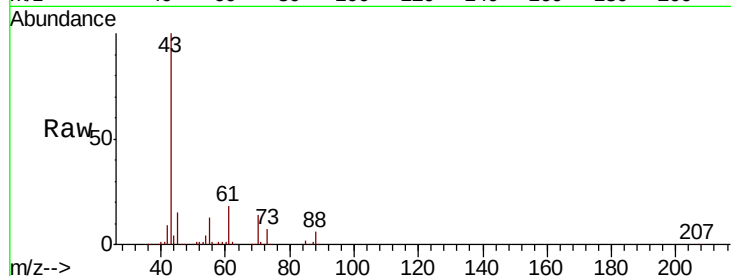




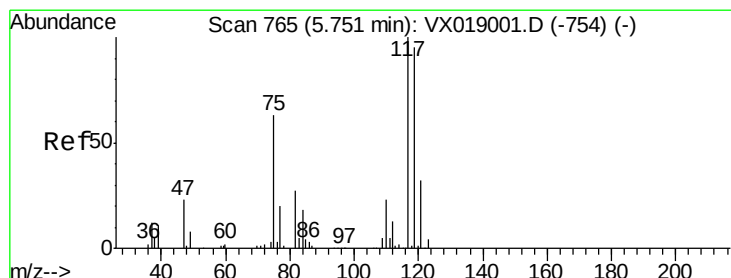
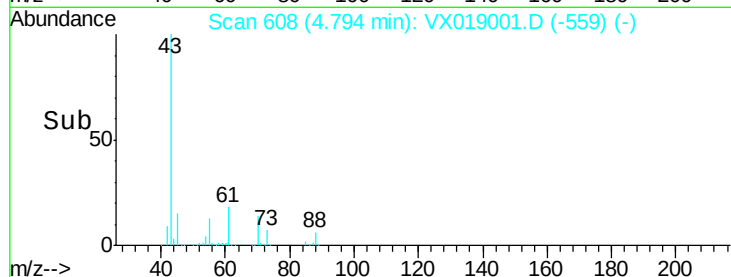
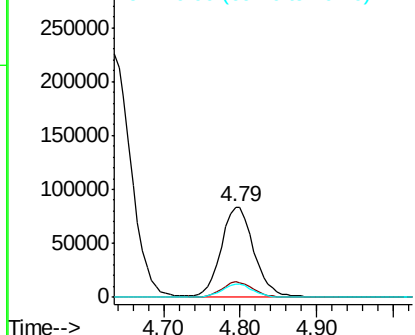
#37
Ethyl Acetate
Concen: 40.566 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 245827
Ion Ratio Lower Upper
43 100
61 17.0 13.6 20.4
70 14.2 11.4 17.0

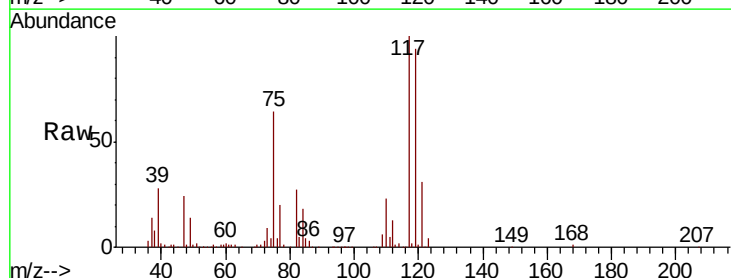


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

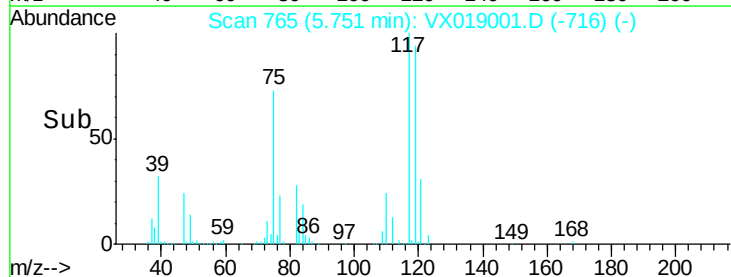
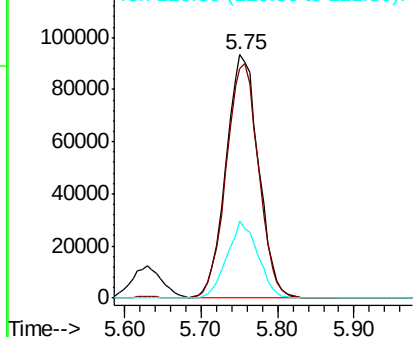


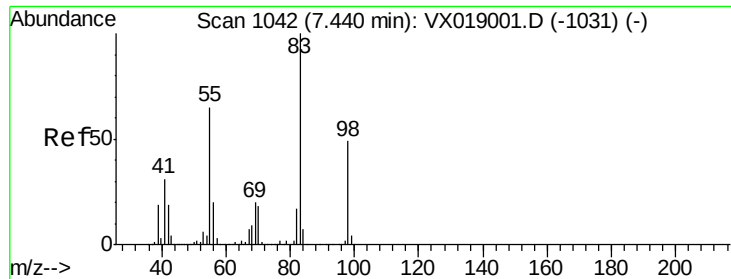
#38
Carbon Tetrachloride
Concen: 43.325 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion: 117 Resp: 274715
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3
121 31.5 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

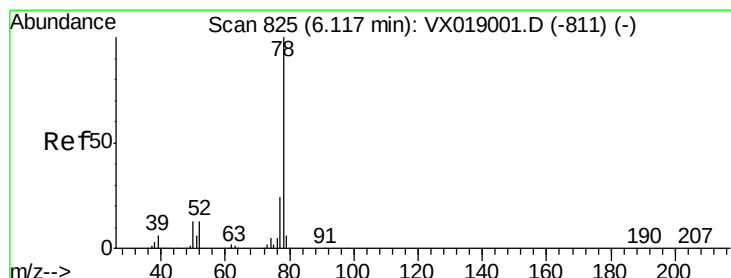
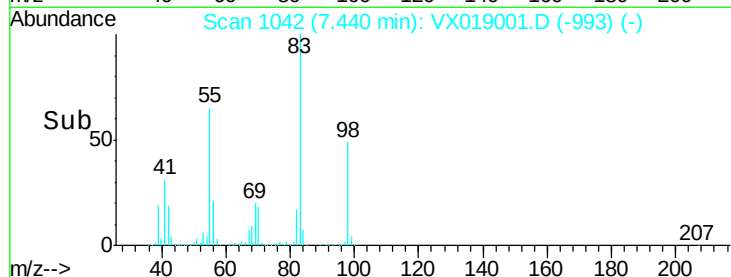
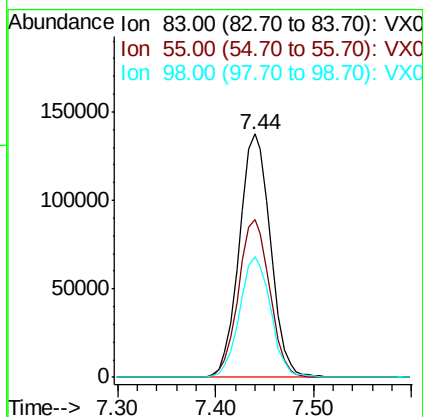
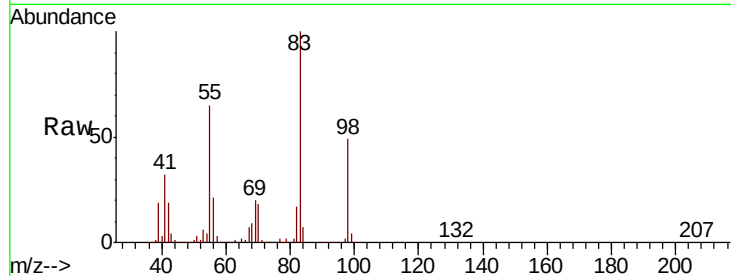




#39
Methylvlcyclohexane
Concen: 46.556 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

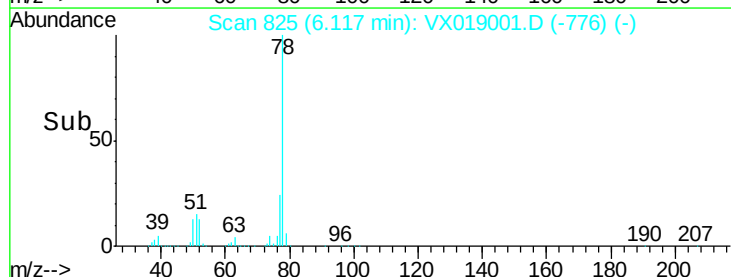
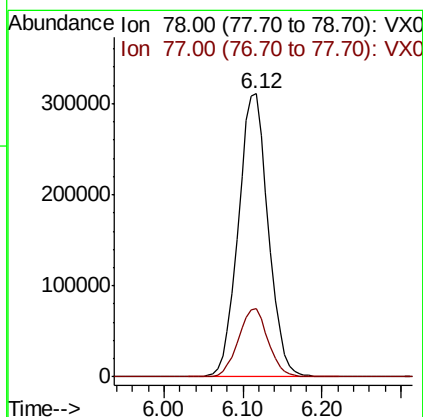
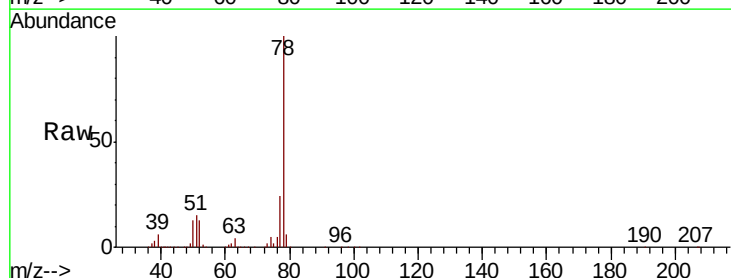
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

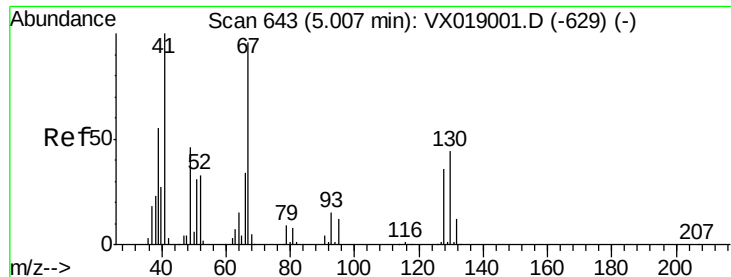
Tot Ion: 83 Resp: 304579
Ion Ratio Lower Upper
83 100
55 64.7 51.8 77.6
98 49.4 39.5 59.3



#40
Benzene
Concen: 48.560 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion: 78 Resp: 819282
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 37.421 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 125143

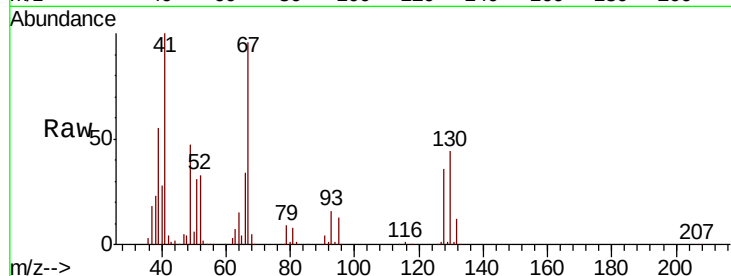
Ion Ratio Lower Upper

41 100

39 56.3 45.0 67.6

67 97.5 78.0 117.0

52 35.3 28.2 42.4

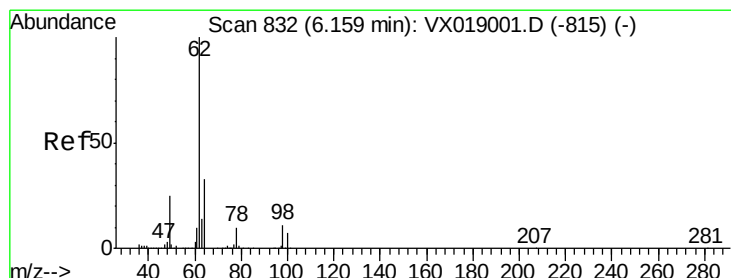
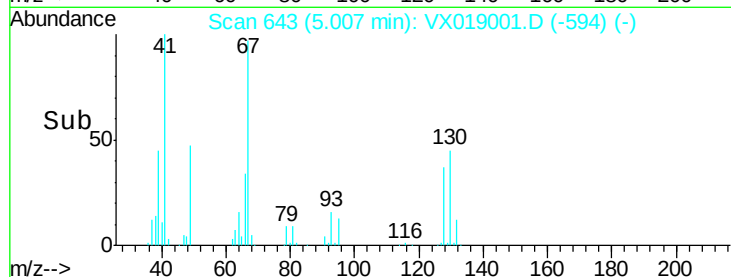
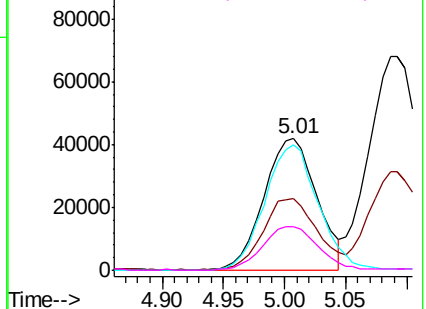


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 43.913 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019001.D

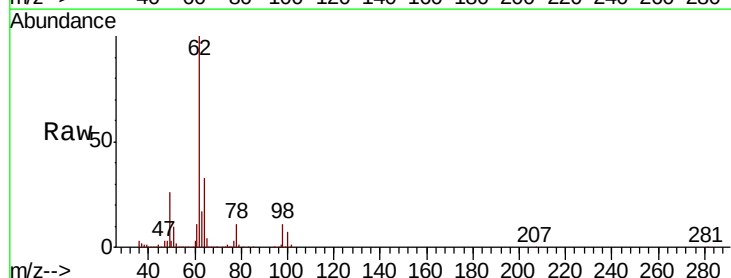
Acq: 21 Oct 2020 11:32

Tgt Ion: 62 Resp: 282853

Ion Ratio Lower Upper

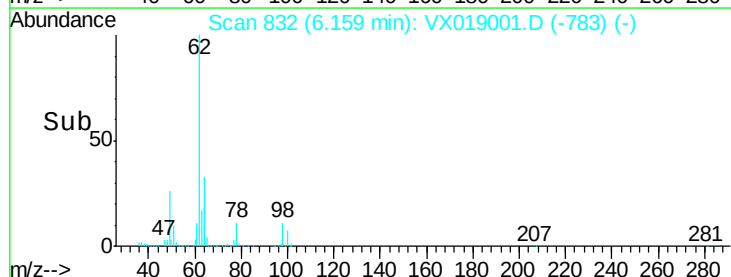
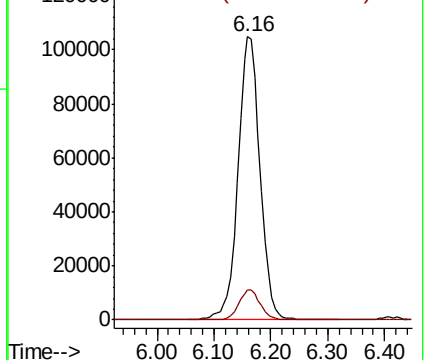
62 100

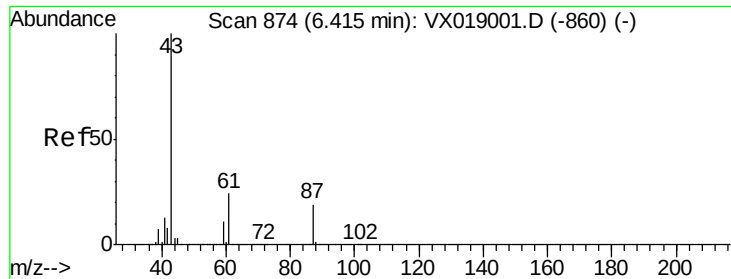
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 40.856 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

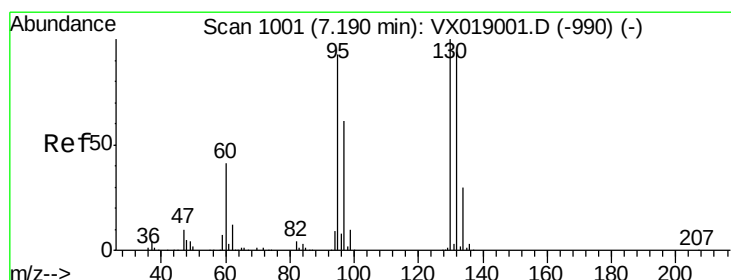
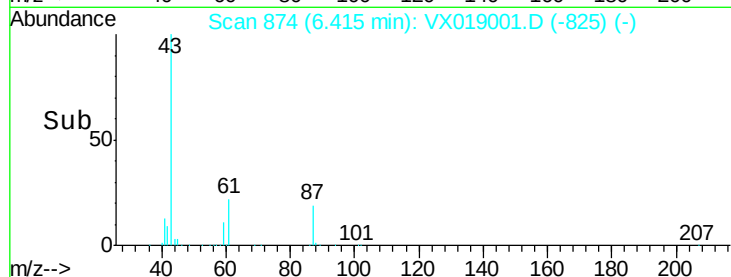
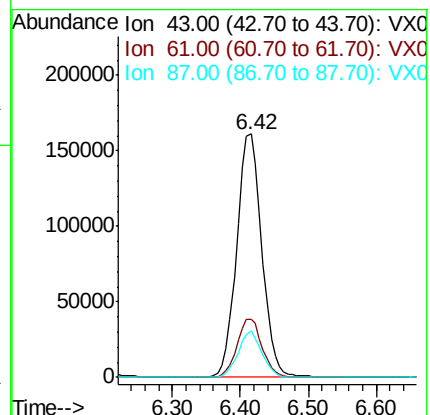
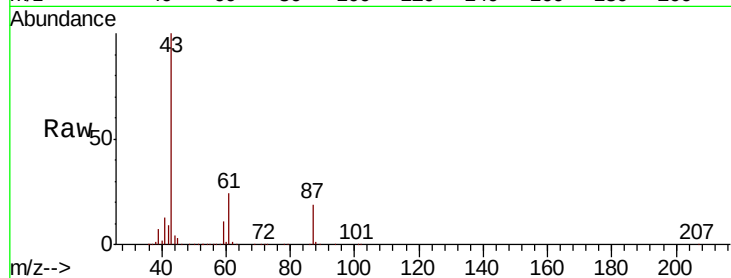
Tot Ion: 43 Resp: 411657

Ion Ratio Lower Upper

43 100

61 24.0 19.2 28.8

87 18.0 14.4 21.6



#44

Trichloroethene

Concen: 46.237 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019001.D

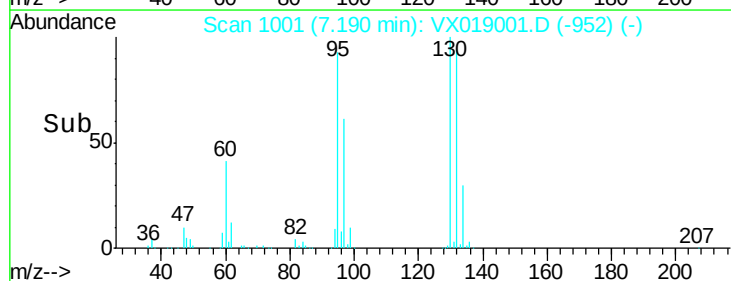
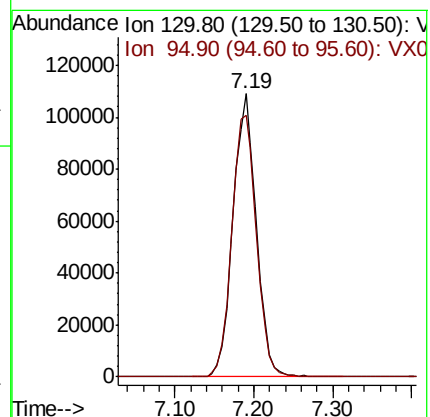
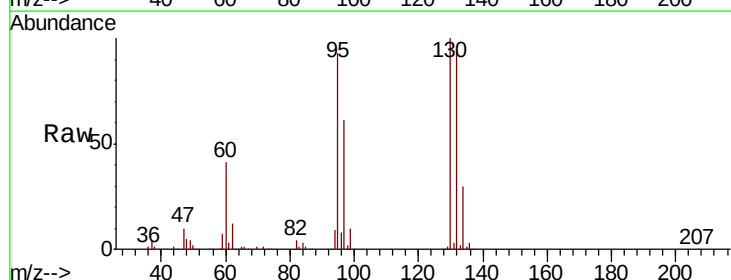
Acq: 21 Oct 2020 11:32

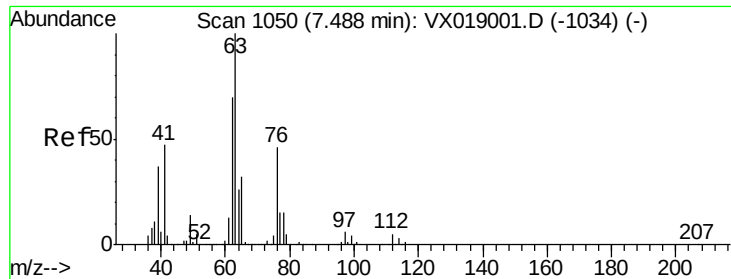
Tgt Ion:130 Resp: 223852

Ion Ratio Lower Upper

130 100

95 92.6 0.0 185.2





#45

1,2-Dichloropropane

Concen: 43.289 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

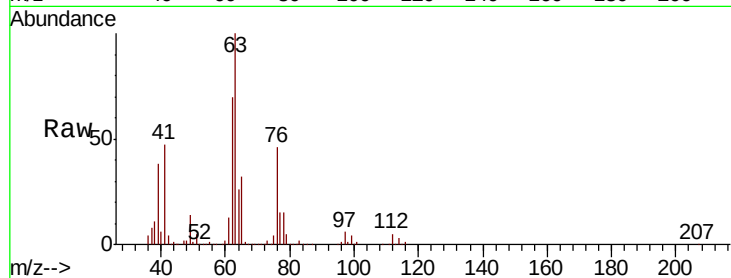
VSTDICCC050

Tot Ion: 63 Resp: 197203

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

100000

80000

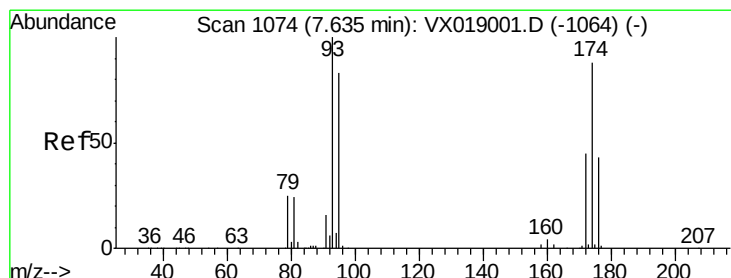
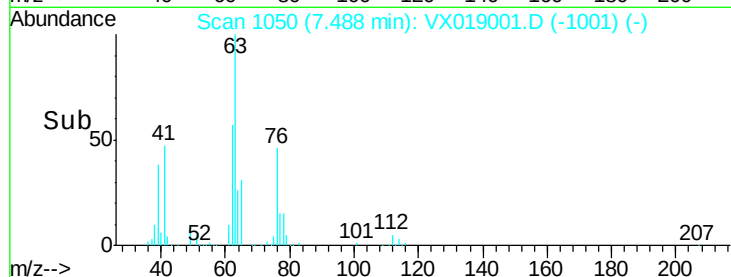
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 46.431 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

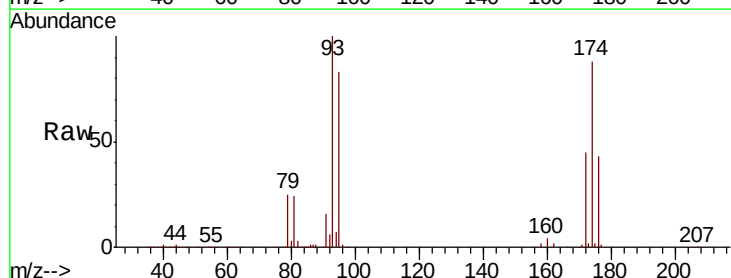
Tgt Ion: 93 Resp: 146358

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 95.1 76.1 114.1



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

7.63

100000

80000

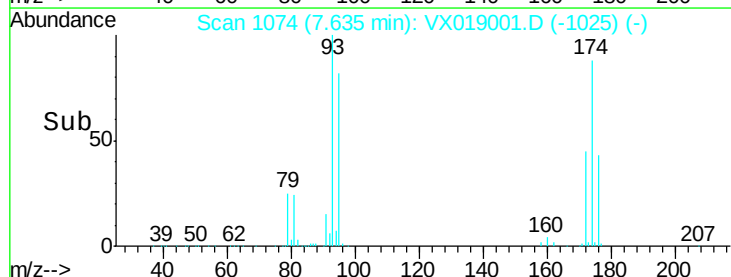
60000

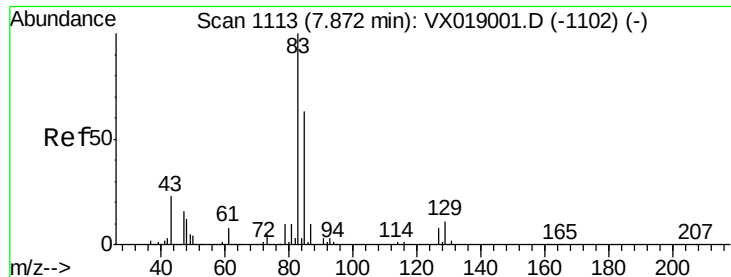
40000

20000

0

Time--> 7.50 7.60 7.70





#47

Bromodichloromethane

Concen: 46.799 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

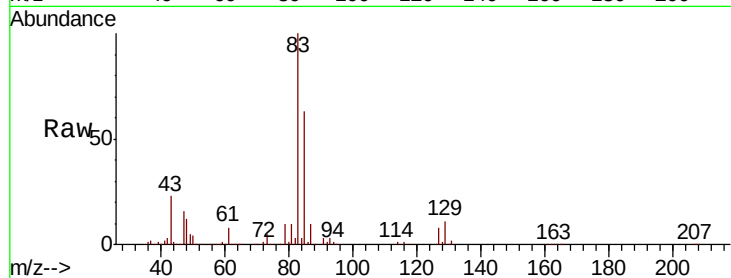
Tot Ion: 83 Resp: 297394

Ion Ratio Lower Upper

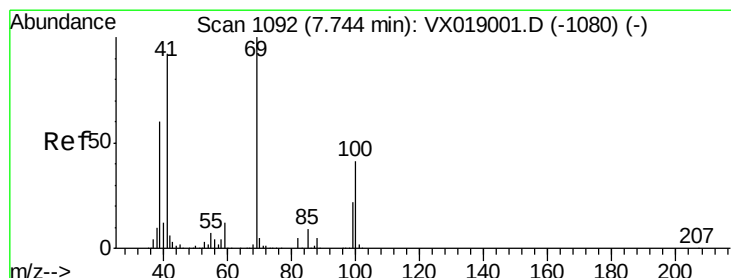
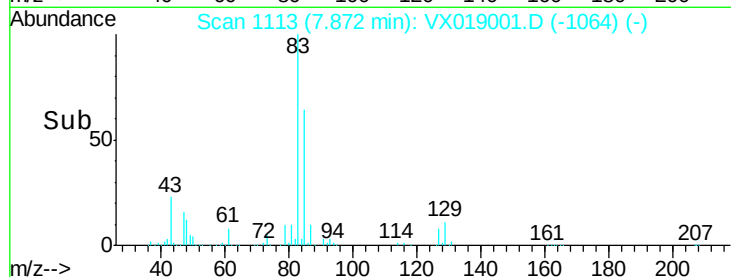
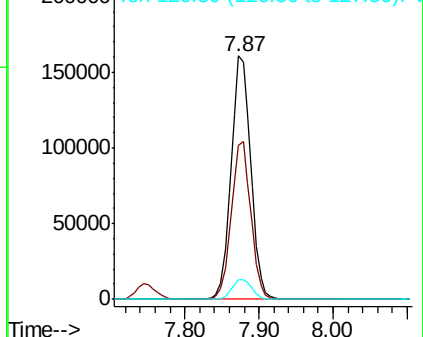
83 100

85 63.4 50.7 76.1

127 7.8 6.2 9.4



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: 39.540 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

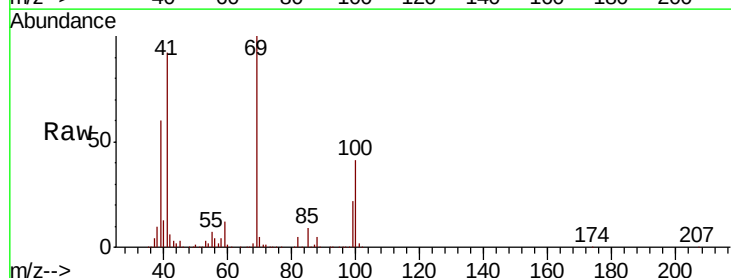
Tgt Ion: 41 Resp: 192262

Ion Ratio Lower Upper

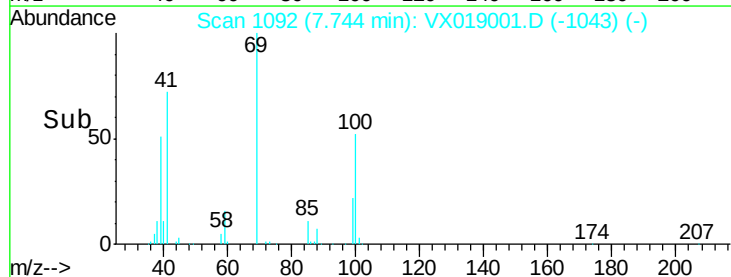
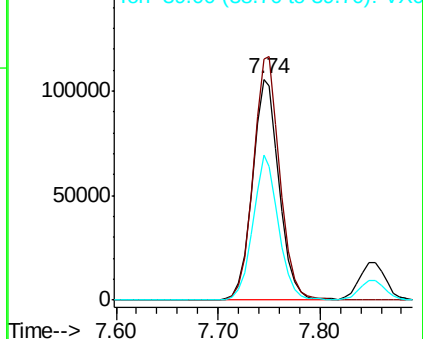
41 100

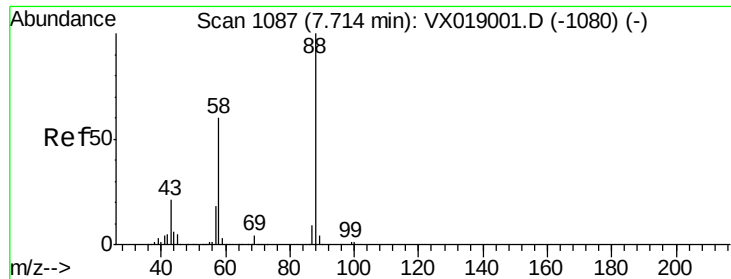
69 109.8 87.8 131.8

39 62.5 50.0 75.0



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

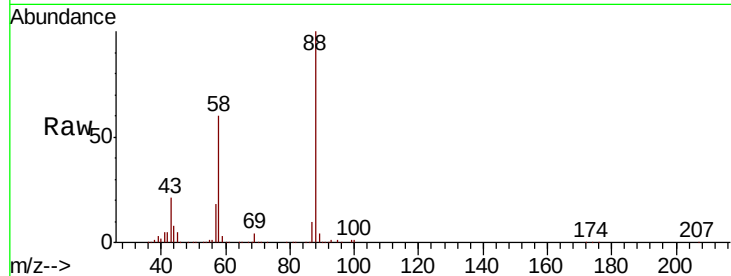




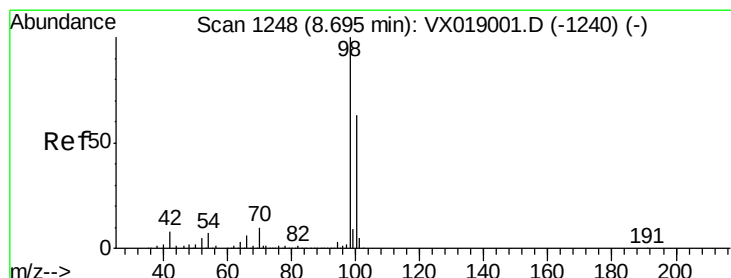
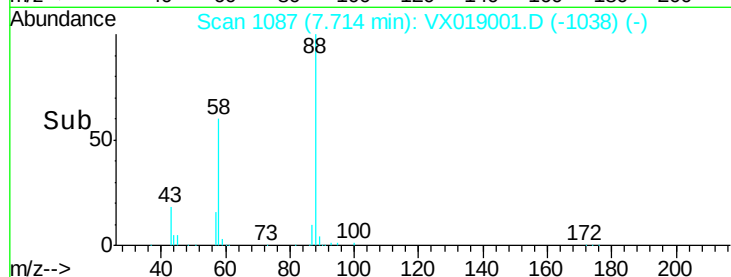
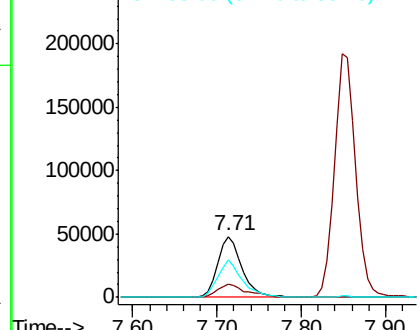
#49
1,4-Dioxane
Concen: 1104.488 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 95573
Ion Ratio Lower Upper
88 100
43 25.1 20.1 30.1
58 61.0 48.8 73.2

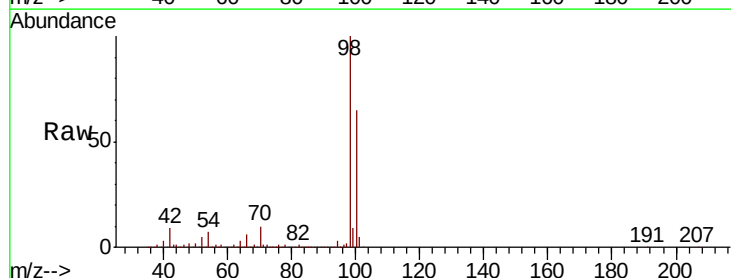


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

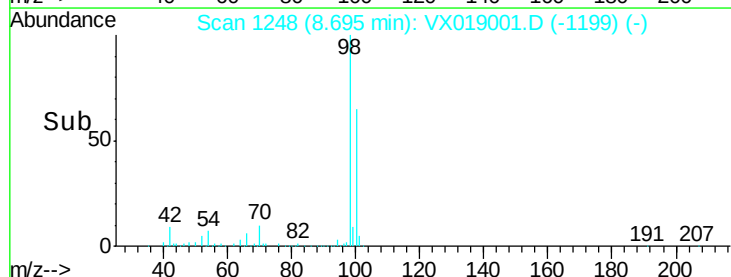
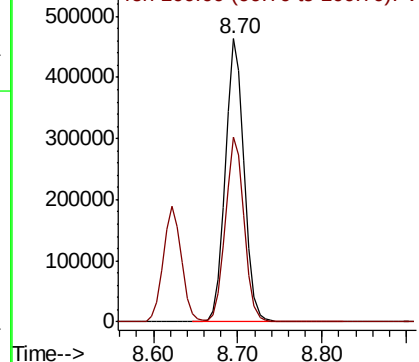


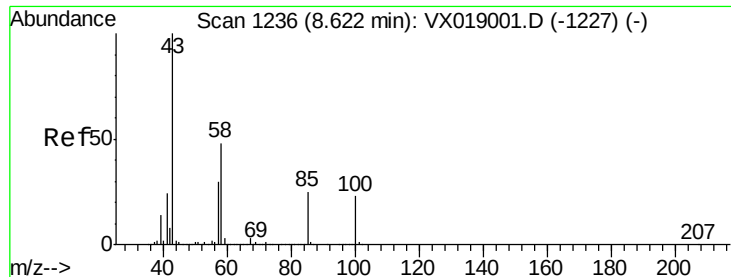
#50
Toluene-d8
Concen: 46.817 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion: 98 Resp: 713162
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



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

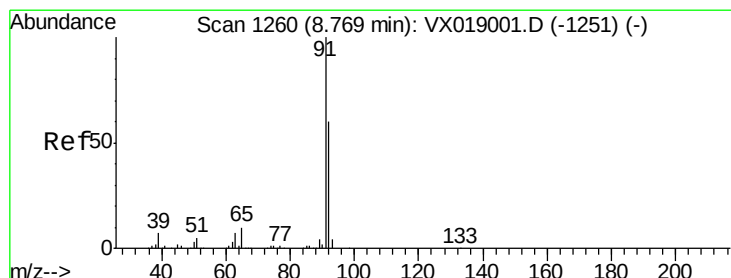
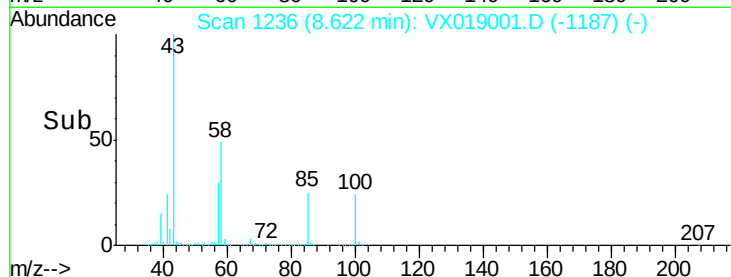
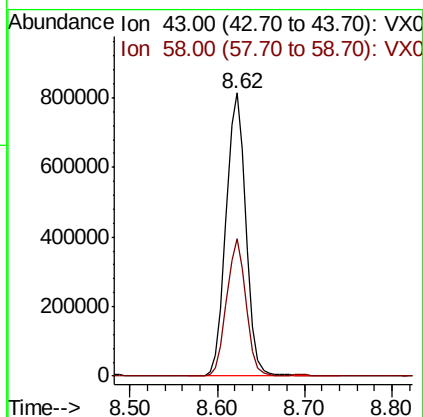
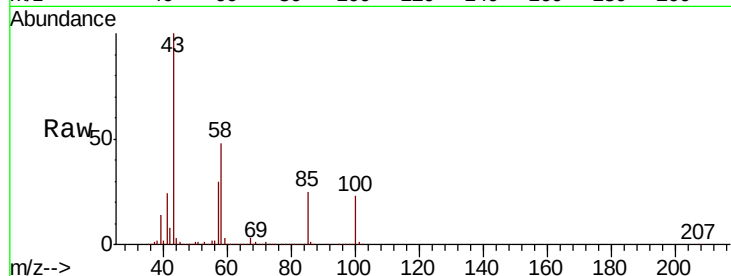




#51
 4-Methyl-2-Pentanone
 Concen: 212.609 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

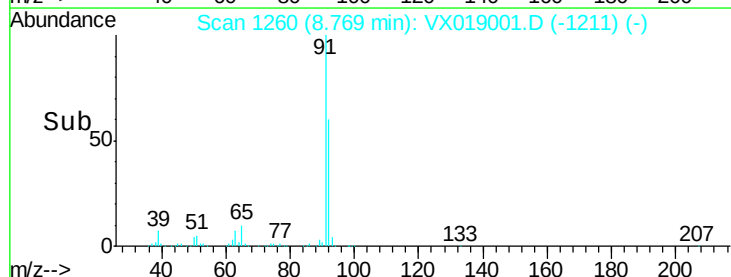
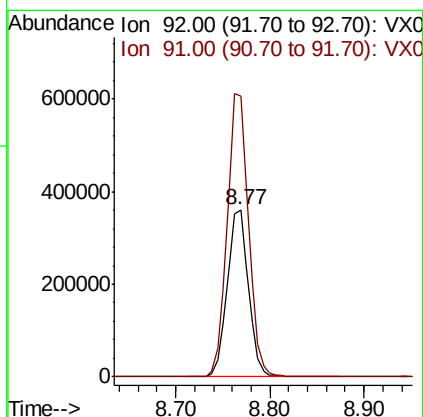
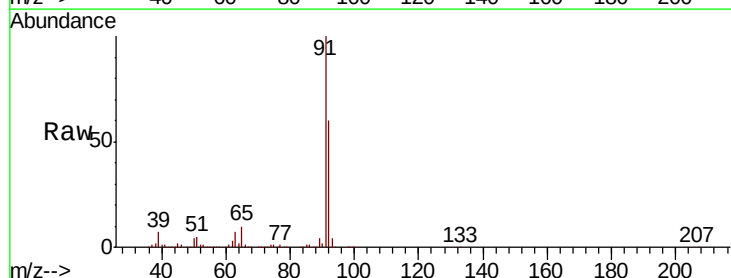
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

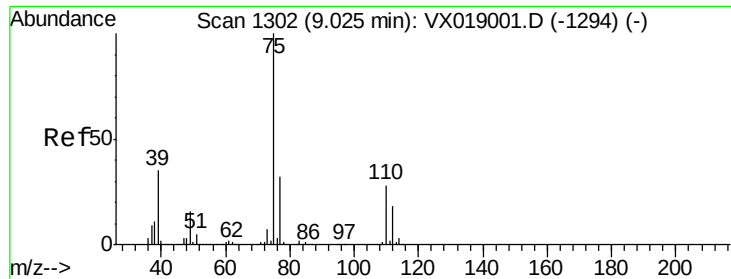
Tot Ion: 43 Resp: 1277715
 Ion Ratio Lower Upper
 43 100
 58 47.2 37.8 56.6



#52
 Toluene
 Concen: 52.280 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 92 Resp: 563347
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.8 205.2

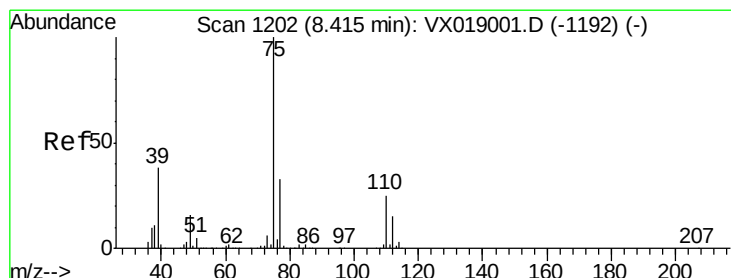
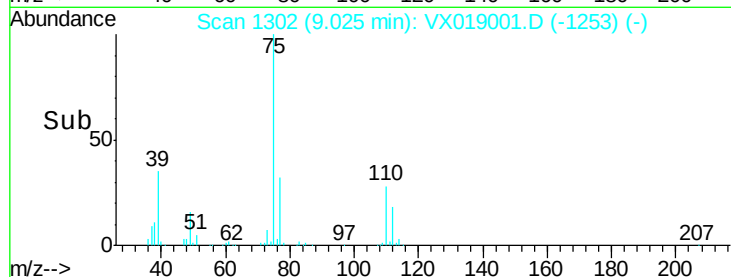
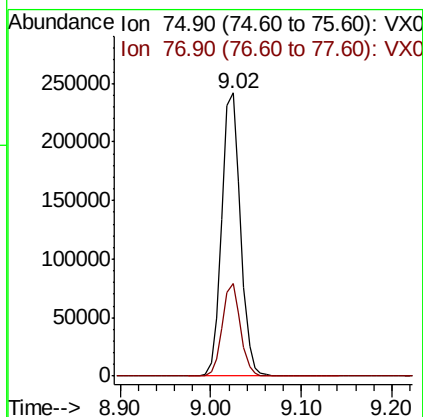
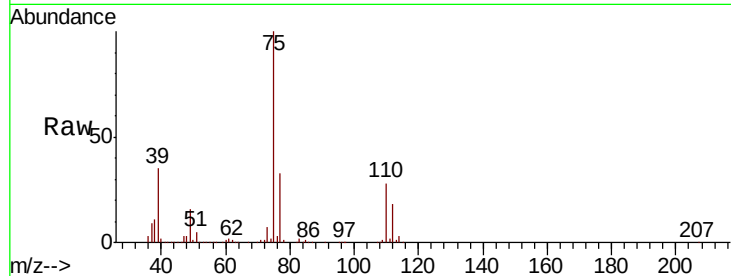




#53
 t-1,3-Dichloropropene
 Concen: 47.997 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

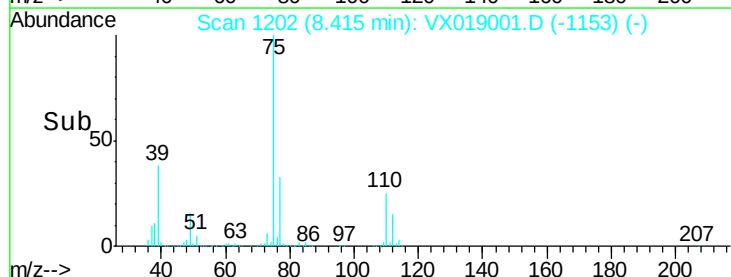
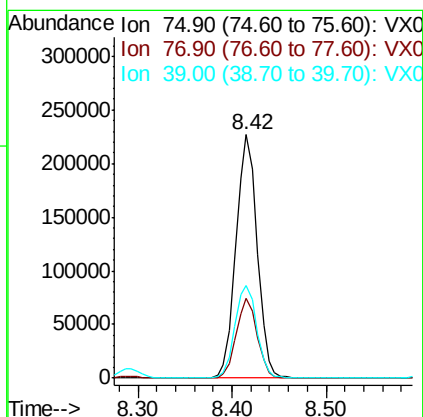
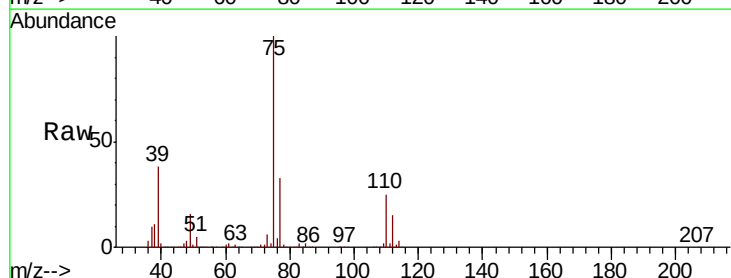
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

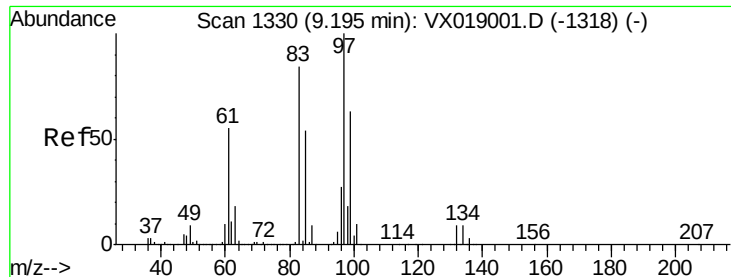
Tot Ion: 75 Resp: 348686
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.655 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 75 Resp: 354807
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.3 39.5
 39 38.1 30.5 45.7

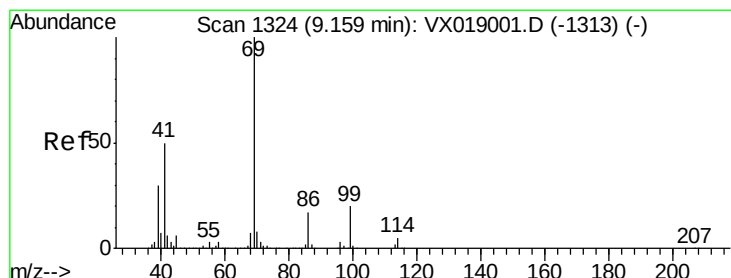
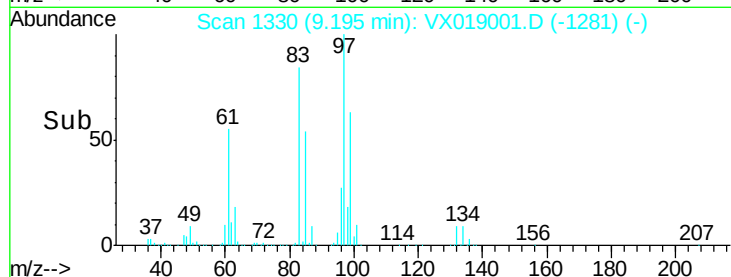
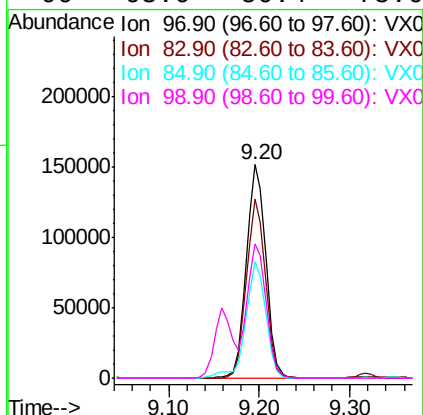
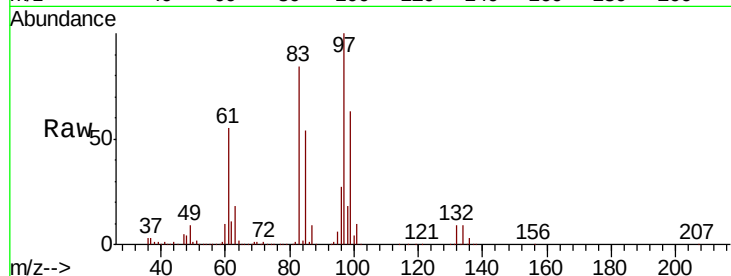




#55
 1,1,2-Trichloroethane
 Concen: 51.002 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

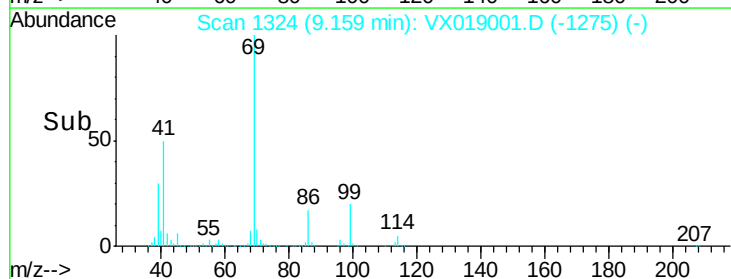
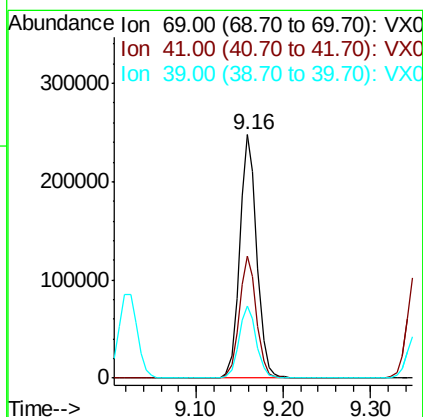
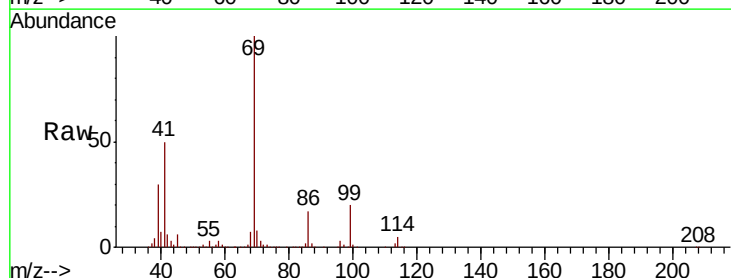
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

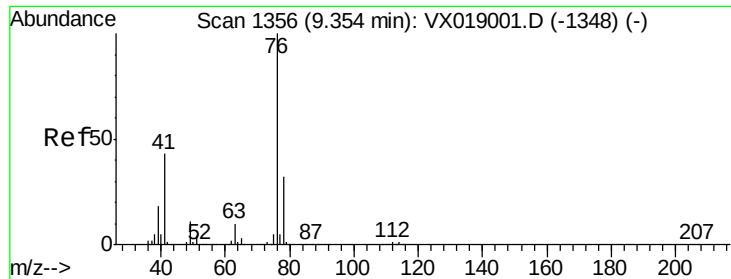
Tot Ion:	97	Resp:	226458
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.0	100.4
85	54.2	43.4	65.0
99	63.0	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 51.604 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion:	69	Resp:	337532
Ion	Ratio	Lower	Upper
69	100		
41	50.3	40.2	60.4
39	30.1	24.1	36.1

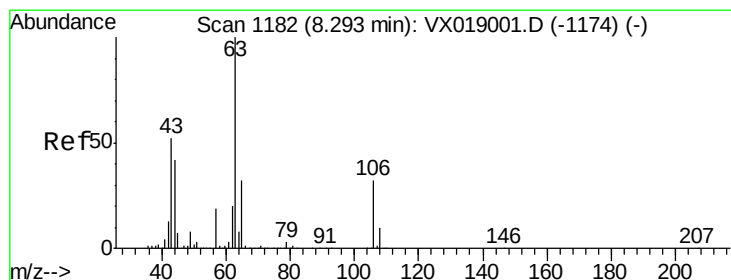
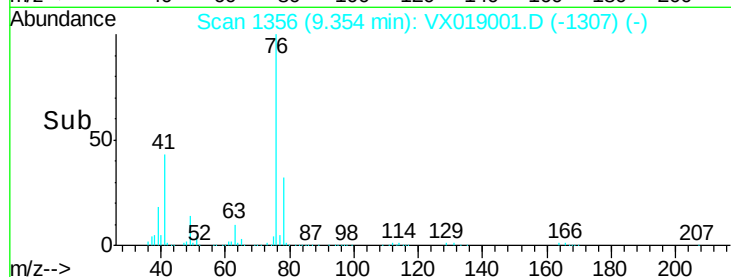
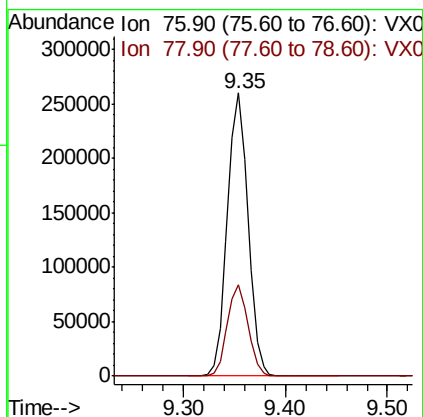
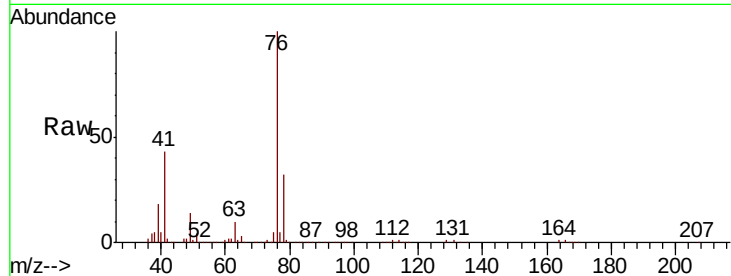




#57
 1,3-Dichloropropane
 Concen: 49.396 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

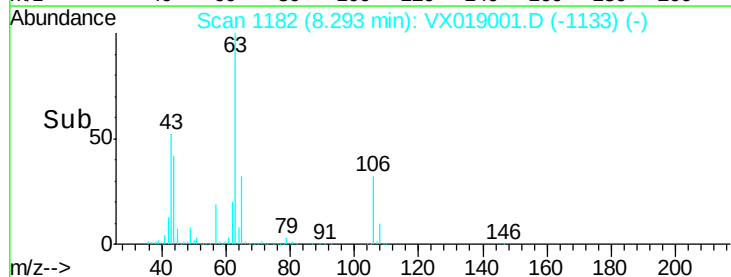
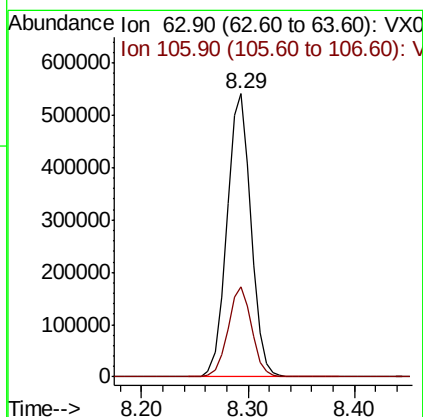
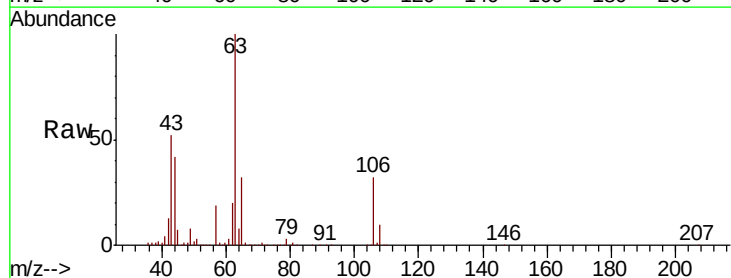
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

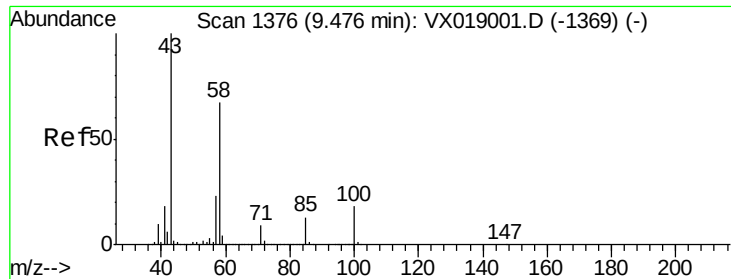
Tot Ion: 76 Resp: 366505
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.101 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 63 Resp: 850486
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.0 37.6

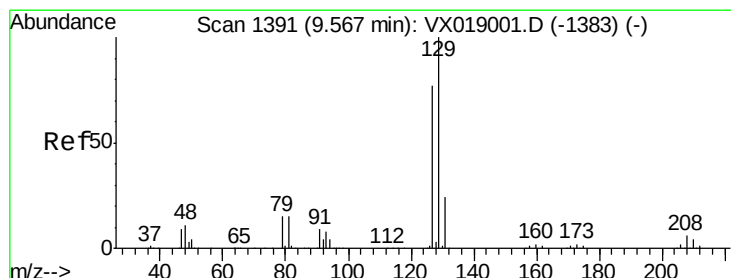
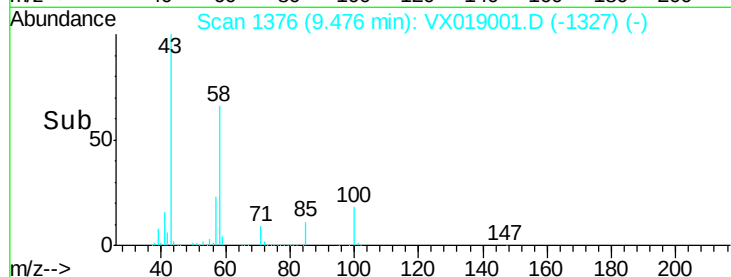
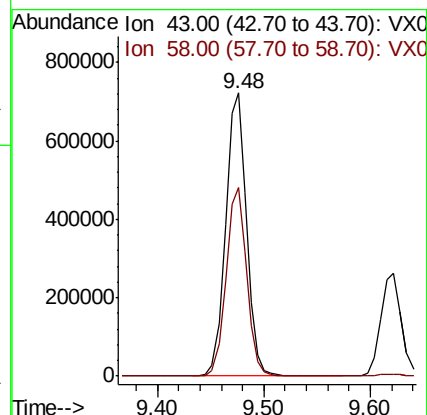
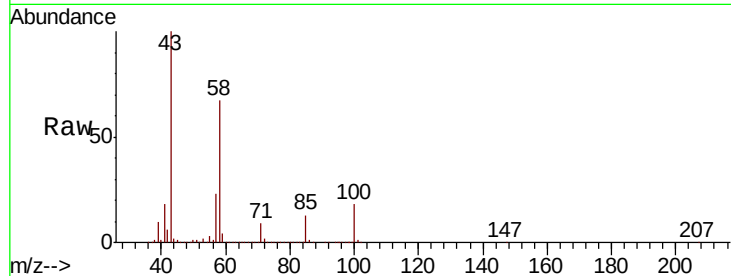




#59
2-Hexanone
Concen: 214.940 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

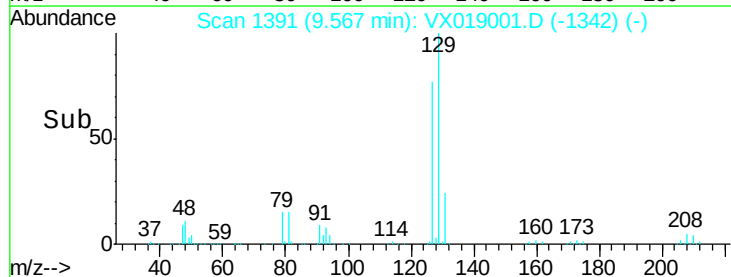
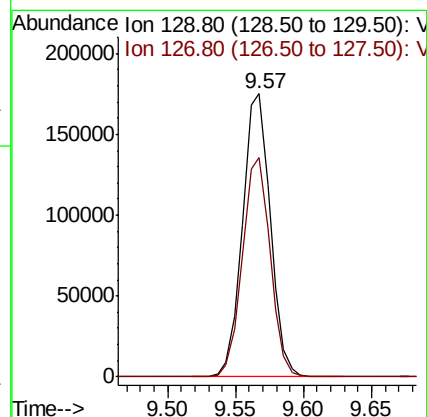
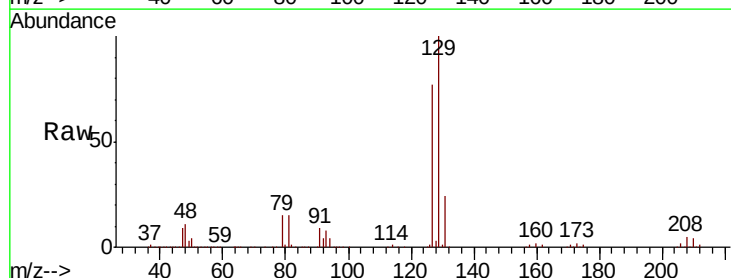
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

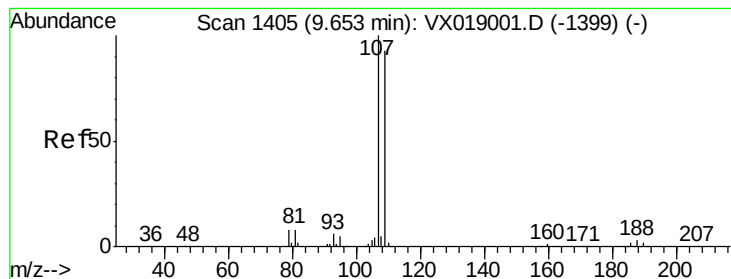
Tot Ion: 43 Resp: 981945
Ion Ratio Lower Upper
43 100
58 66.0 33.0 99.0



#60
Dibromochloromethane
Concen: 47.872 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion: 129 Resp: 249964
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 52.063 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

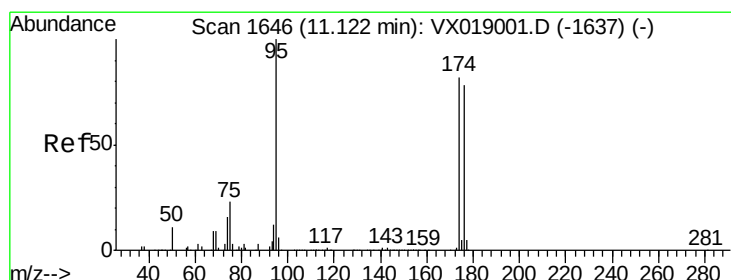
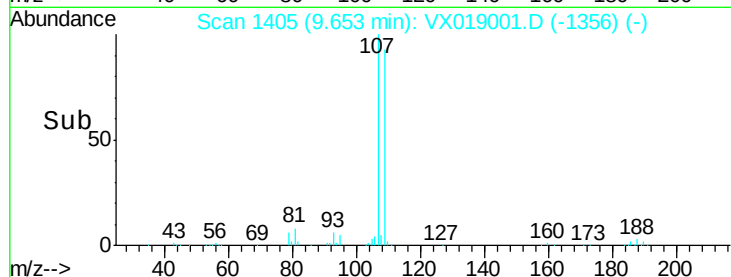
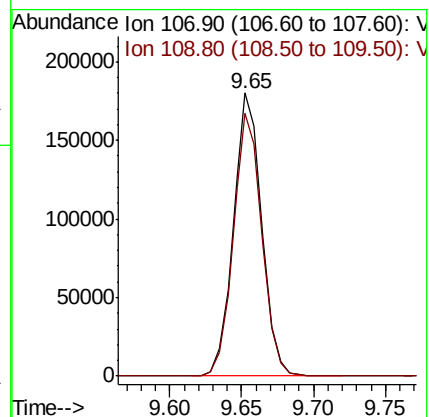
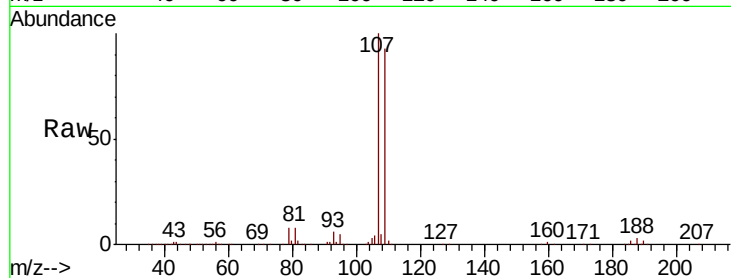
VSTDICCC050

Tot Ion: 107 Resp: 246051

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 44.166 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

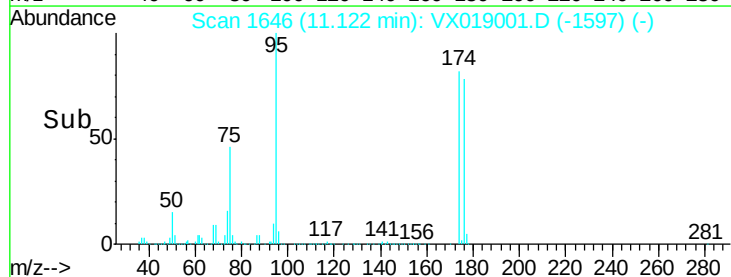
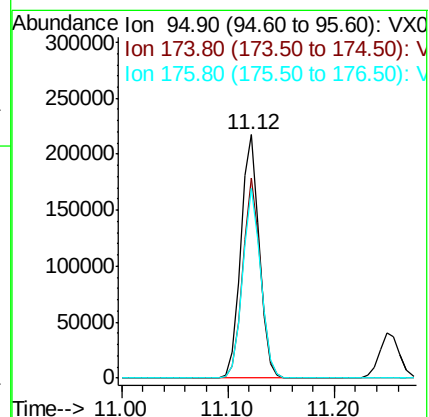
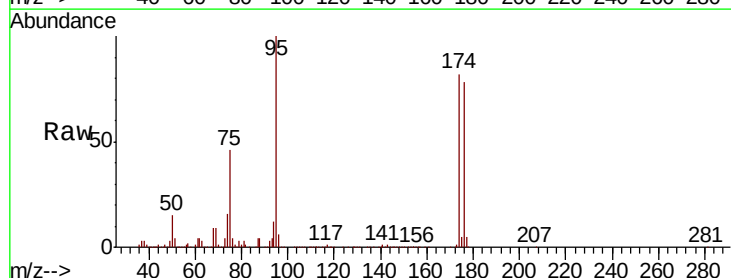
Tgt Ion: 95 Resp: 264671

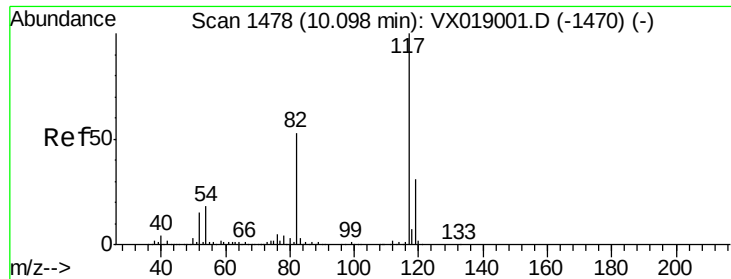
Ion Ratio Lower Upper

95 100

174 79.2 0.0 158.4

176 76.7 0.0 153.4

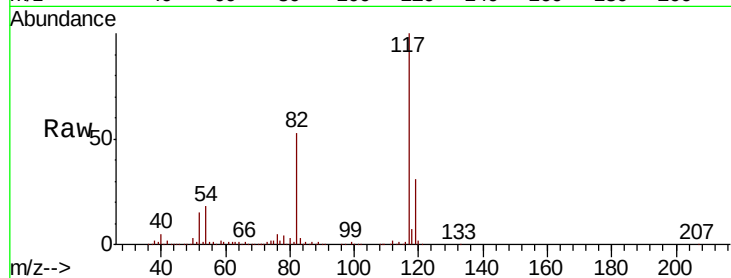




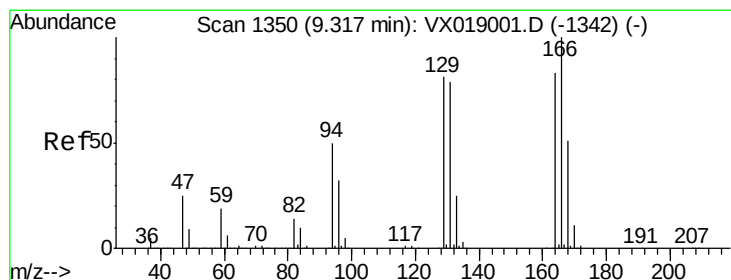
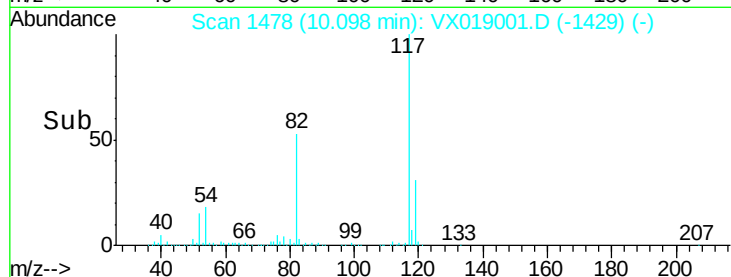
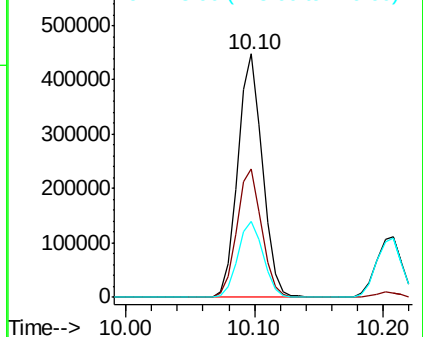
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 592326
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.2 25.0 37.4

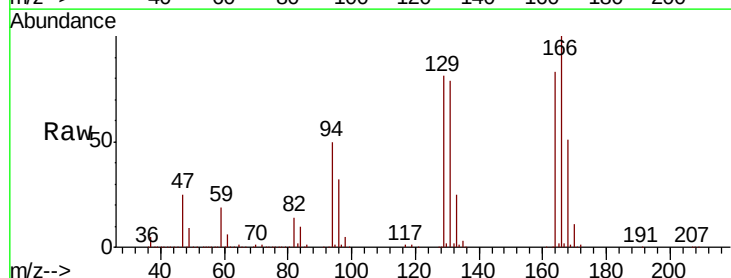


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

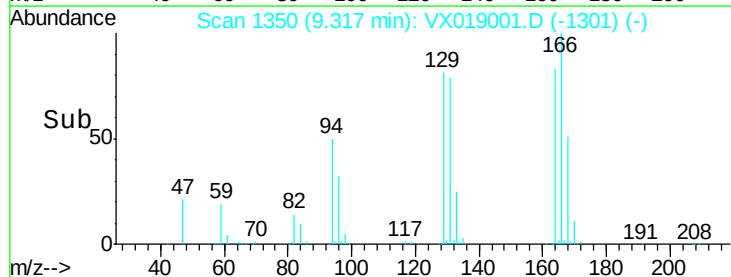
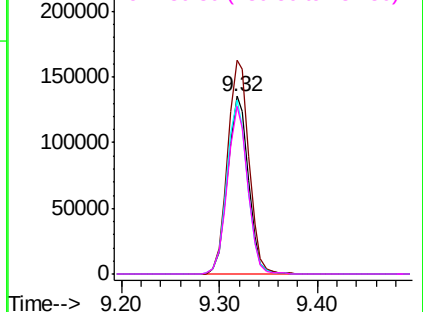


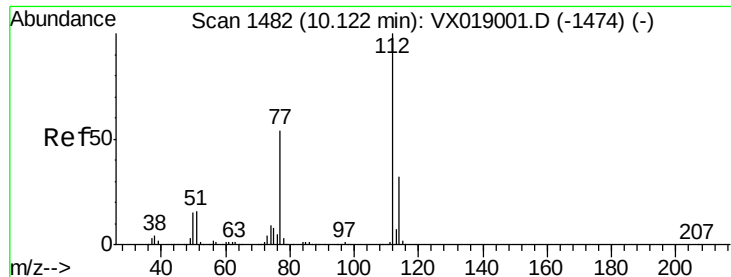
#64
Tetrachloroethene
Concen: 43.622 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion:164 Resp: 199696
Ion Ratio Lower Upper
164 100
166 120.1 96.1 144.1
129 97.8 78.2 117.4
131 94.3 75.4 113.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

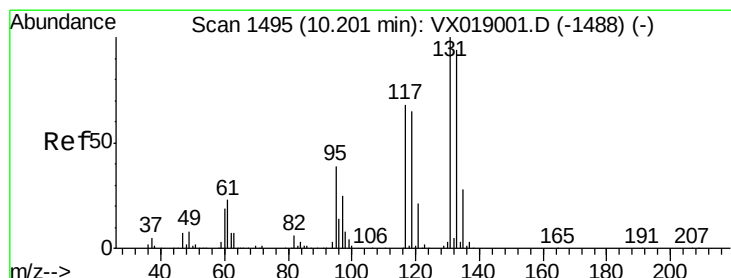
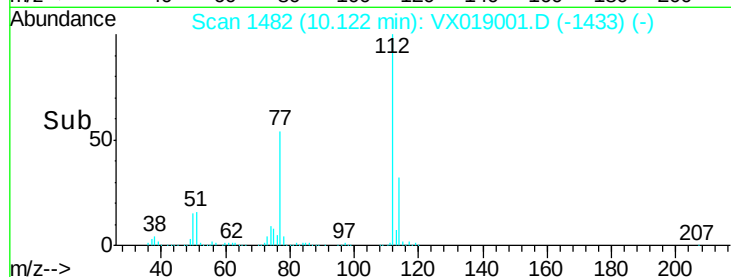
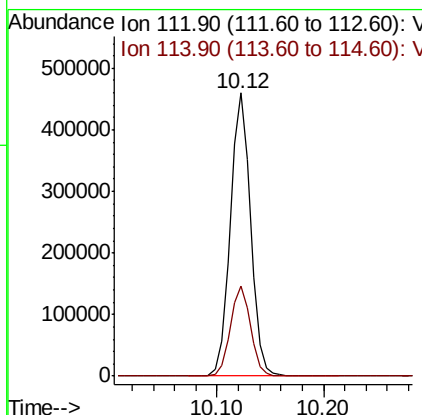
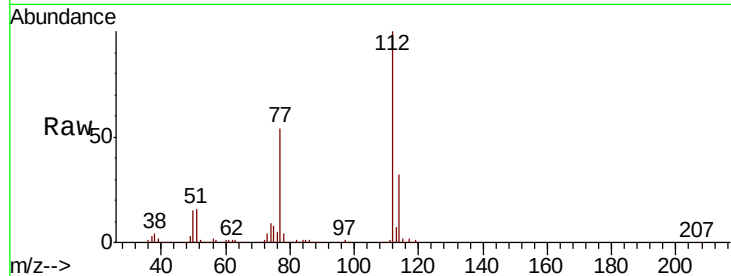




#65
Chlorobenzene
Concen: 50.166 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

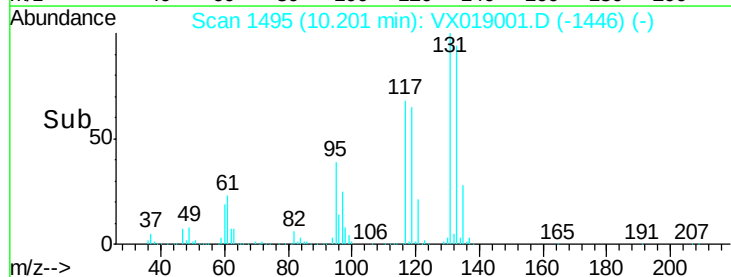
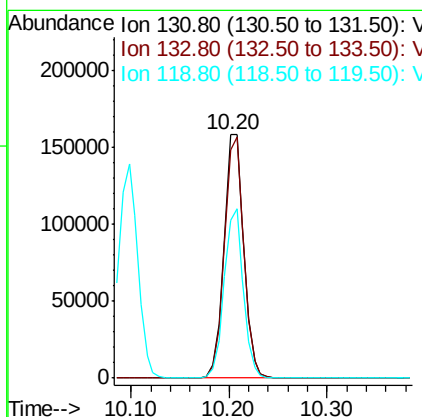
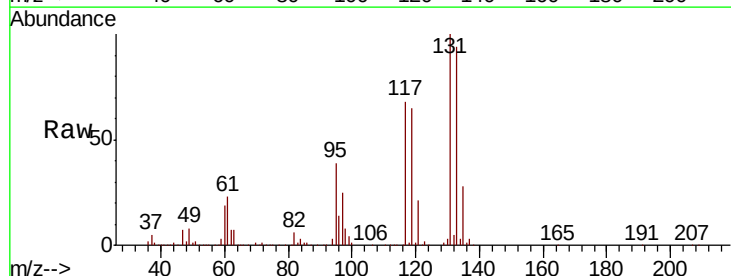
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

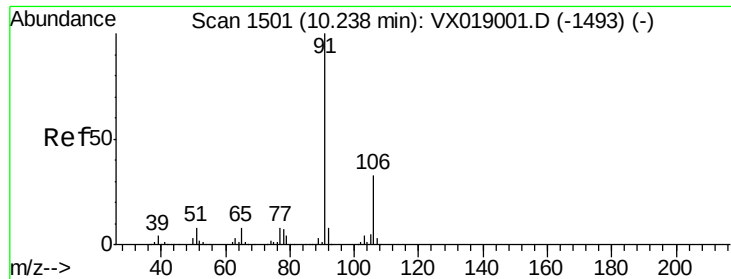
Tot Ion:112 Resp: 613087
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.894 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion:131 Resp: 221031
Ion Ratio Lower Upper
131 100
133 97.3 48.6 145.9
119 67.7 33.9 101.6





#67

Ethyl Benzene

Concen: 51.120 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

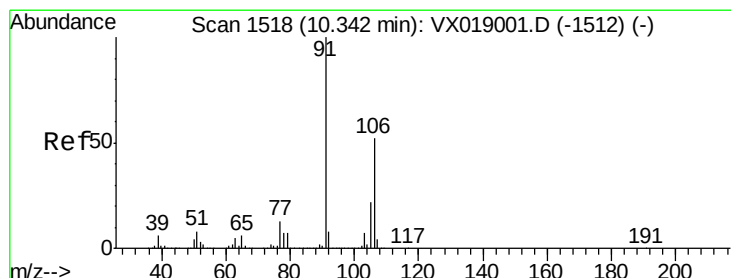
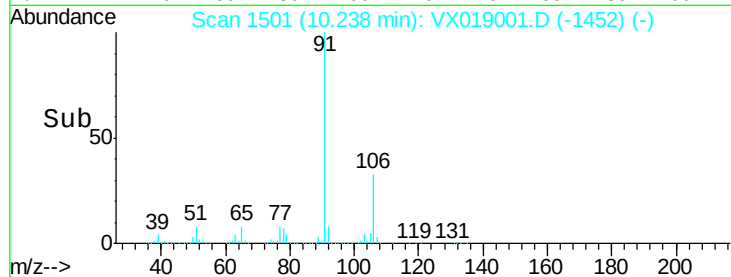
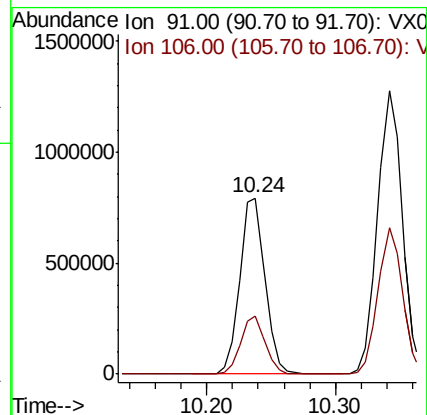
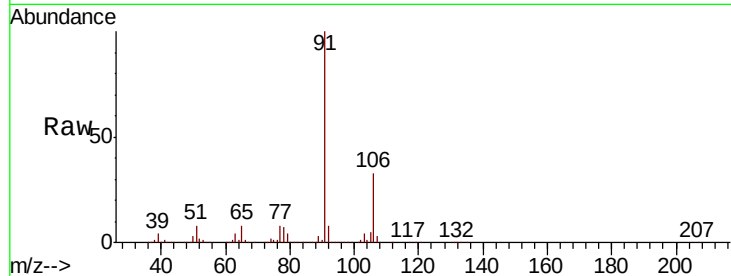
VSTDICCC050

Tot Ion: 91 Resp: 1079270

Ion Ratio Lower Upper

91 100

106 33.4 26.7 40.1



#68

m/p-Xylenes

Concen: 106.979 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019001.D

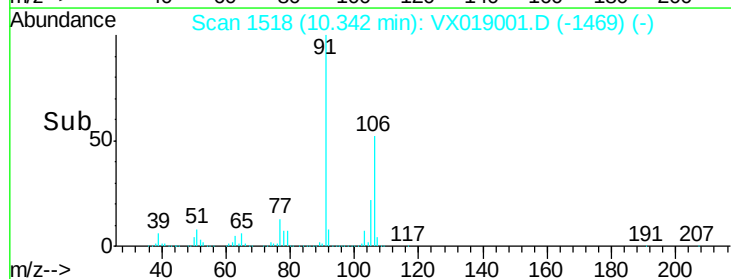
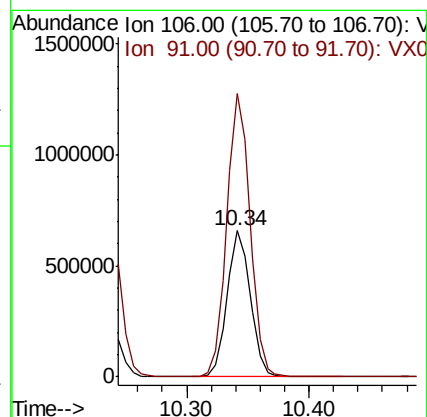
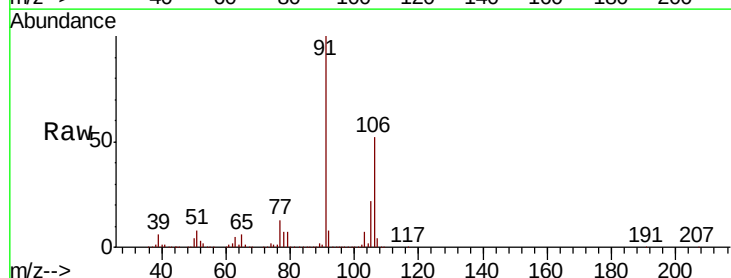
Acq: 21 Oct 2020 11:32

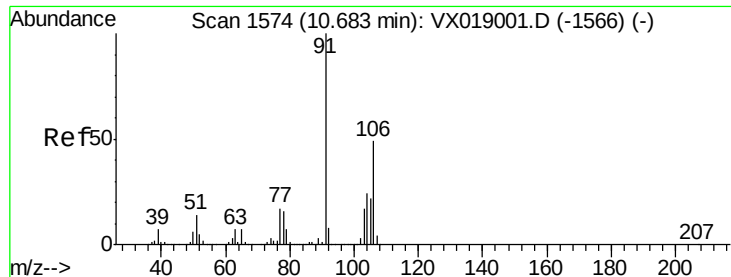
Tgt Ion: 106 Resp: 864486

Ion Ratio Lower Upper

106 100

91 194.9 155.9 233.9

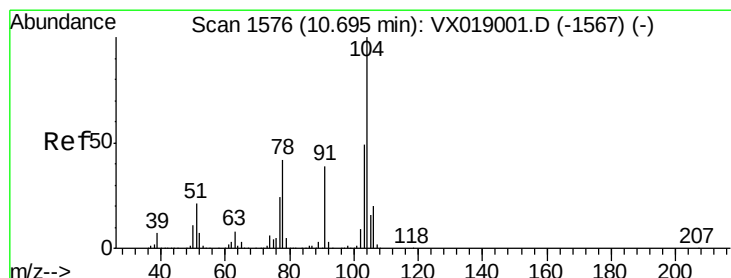
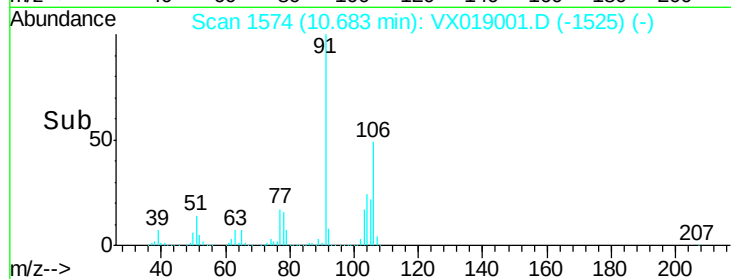
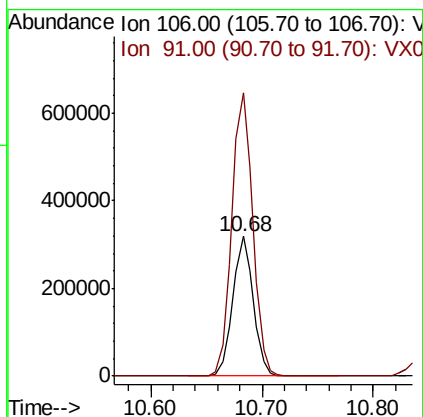
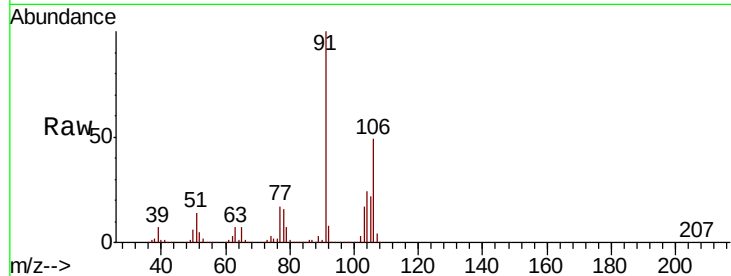




#69
o-Xylene
Concen: 53.088 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

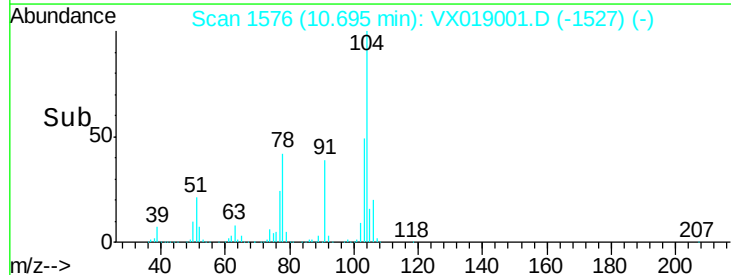
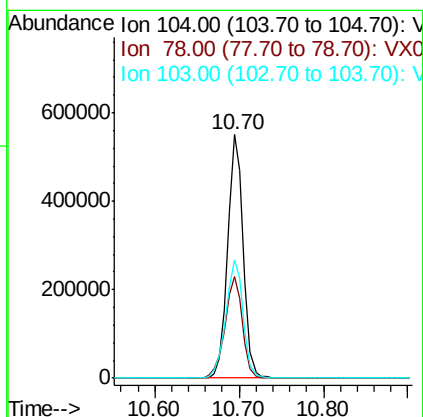
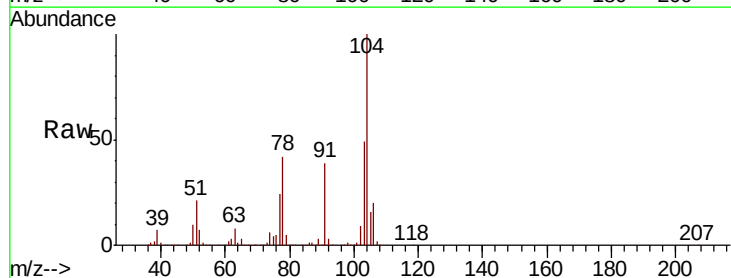
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

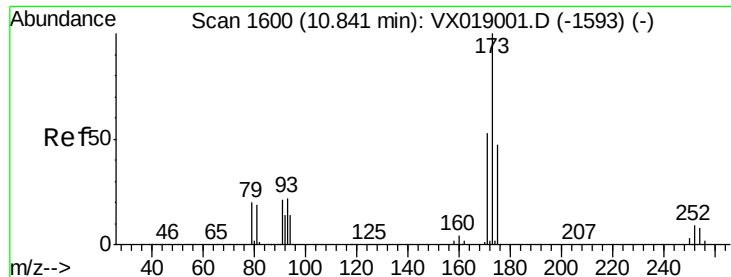
Tot Ion:106 Resp: 404539
Ion Ratio Lower Upper
106 100
91 208.1 104.1 312.2



#70
Styrene
Concen: 53.458 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019001.D
Acq: 21 Oct 2020 11:32

Tgt Ion:104 Resp: 699686
Ion Ratio Lower Upper
104 100
78 46.6 37.3 55.9
103 53.8 43.0 64.6





#71

Bromoform

Concen: 46.108 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

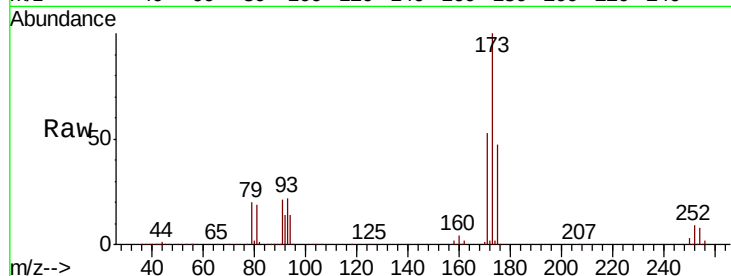
Tot Ion:173 Resp: 185563

Ion Ratio Lower Upper

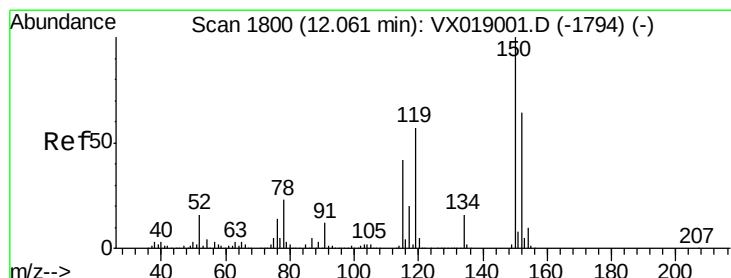
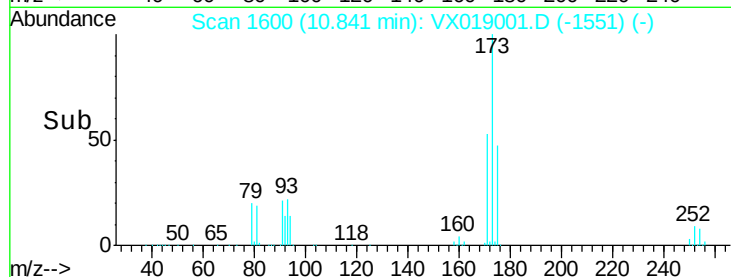
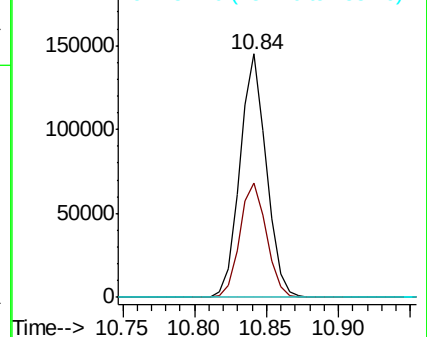
173 100

175 47.5 23.8 71.2

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

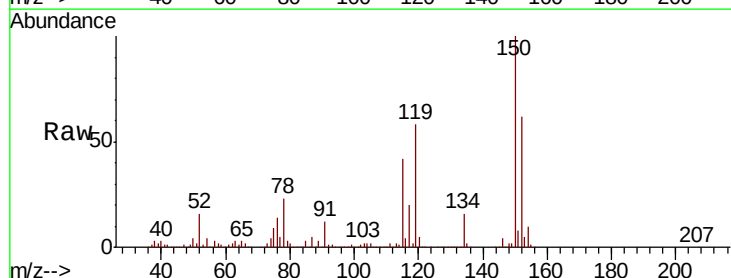
Tgt Ion:152 Resp: 315021

Ion Ratio Lower Upper

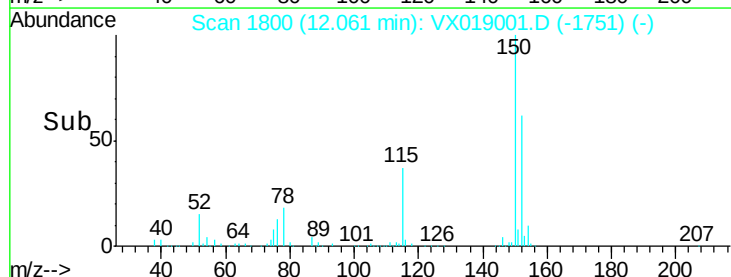
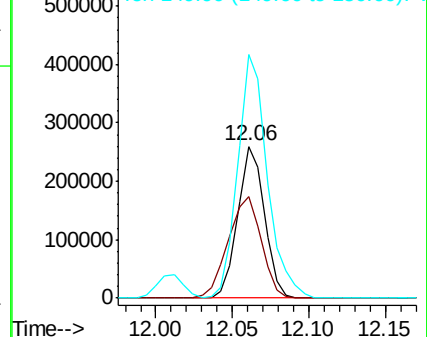
152 100

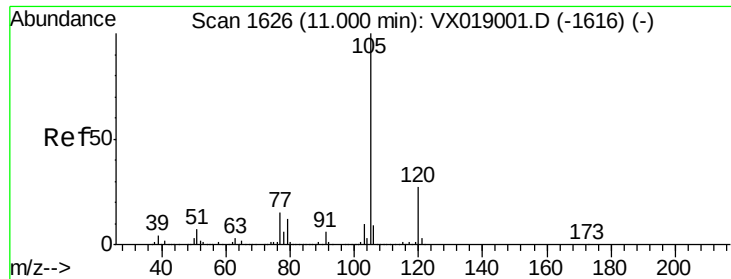
115 82.3 41.1 123.4

150 178.2 0.0 356.4



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





#73

Isopropylbenzene

Concen: 51.921 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

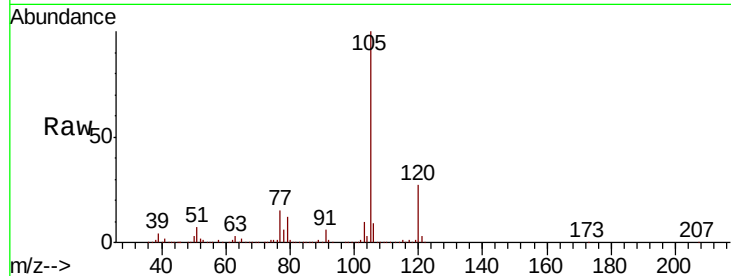
VSTDICCC050

Tot Ion:105 Resp: 1098851

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

800000

600000

400000

200000

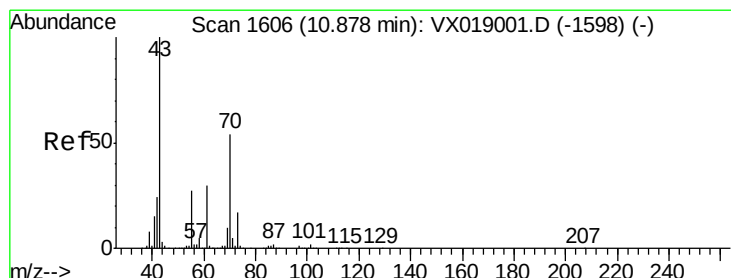
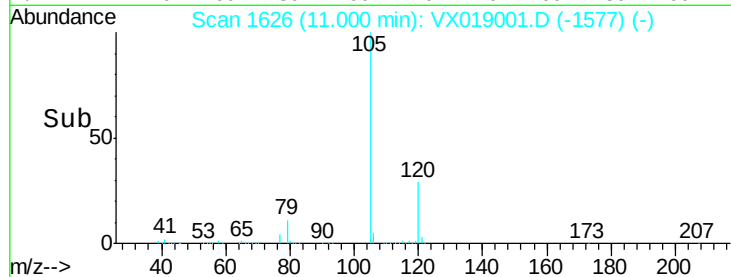
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 38.392 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Tgt Ion: 43 Resp: 345572

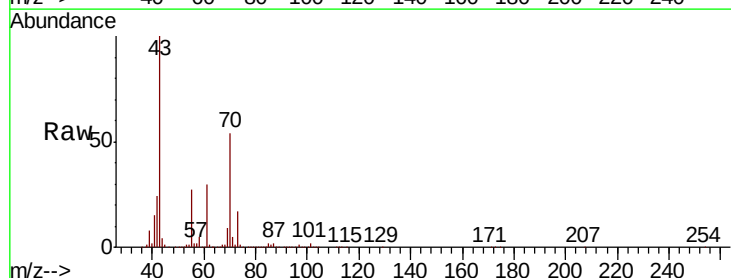
Ion Ratio Lower Upper

43 100

70 56.6 45.3 67.9

55 27.1 21.7 32.5

61 30.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

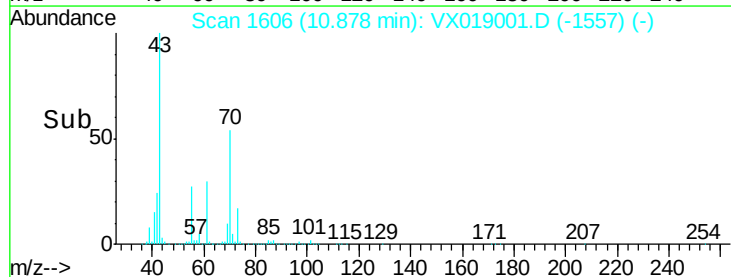
0

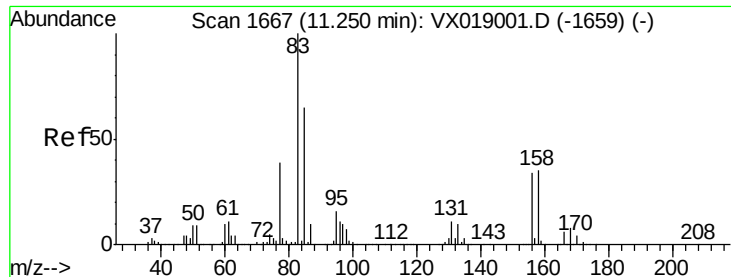
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.111 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

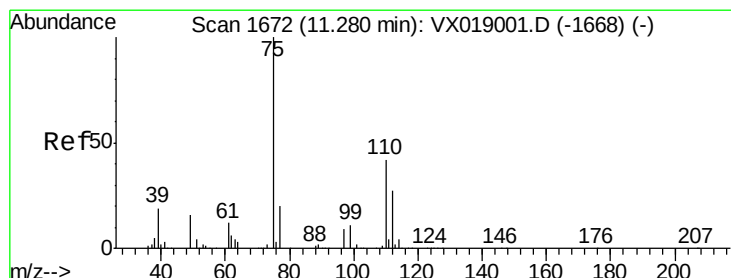
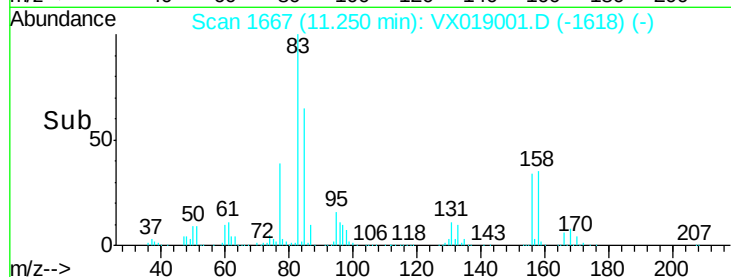
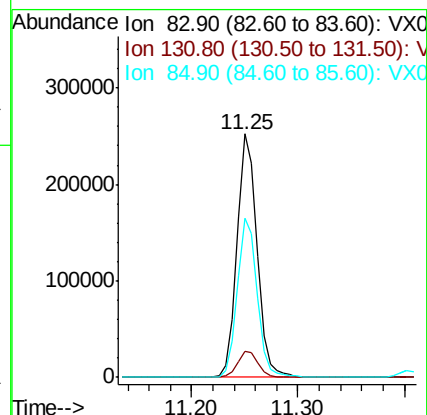
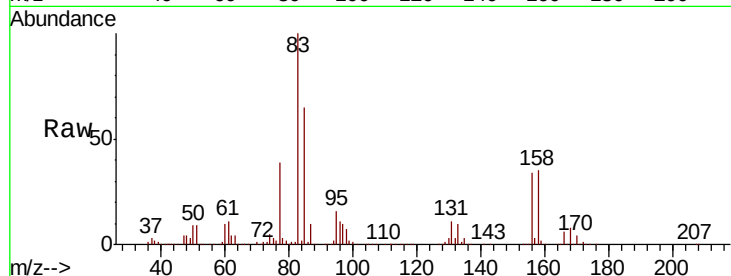
Tot Ion: 83 Resp: 333803

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 60.308 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019001.D

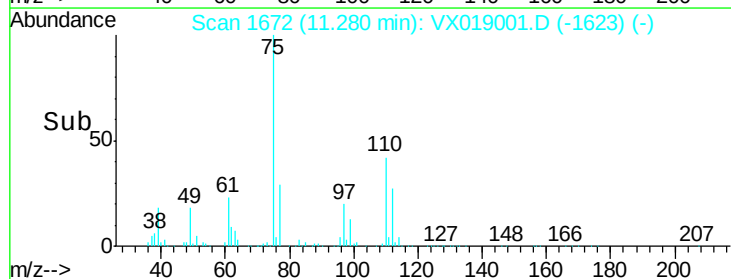
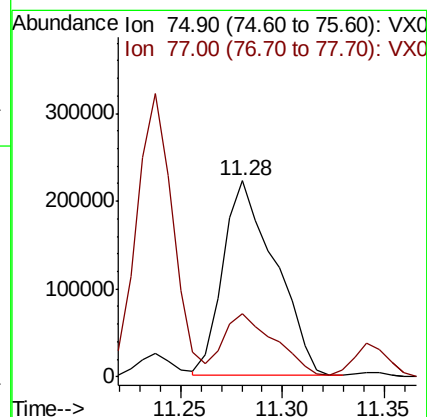
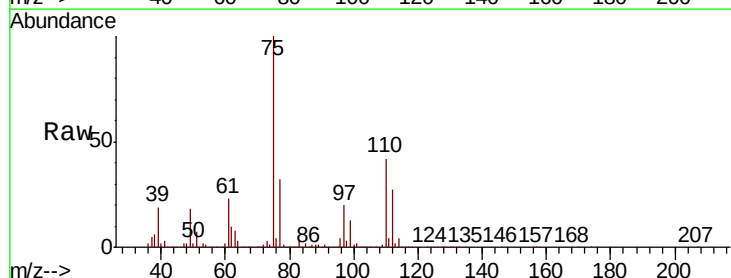
Acq: 21 Oct 2020 11:32

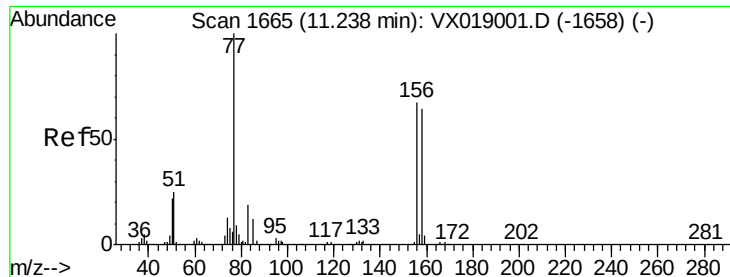
Tgt Ion: 75 Resp: 394781

Ion Ratio Lower Upper

75 100

77 32.2 20.6 61.9





#77

Bromobenzene

Concen: 46.848 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

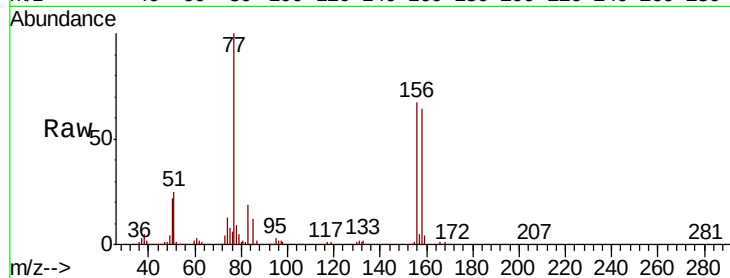
Tot Ion:156 Resp: 270075

Ion Ratio Lower Upper

156 100

77 147.9 74.0 221.9

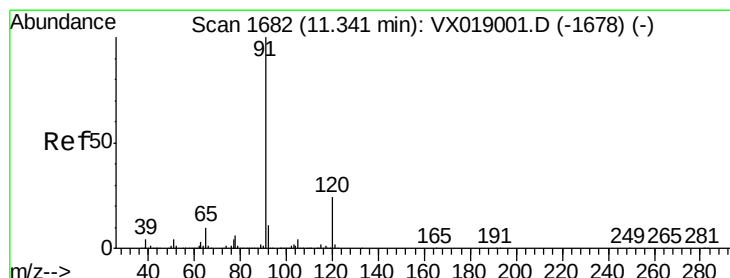
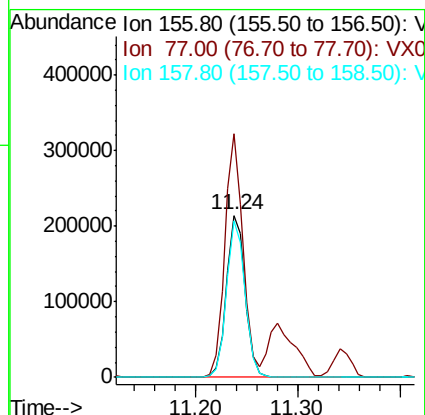
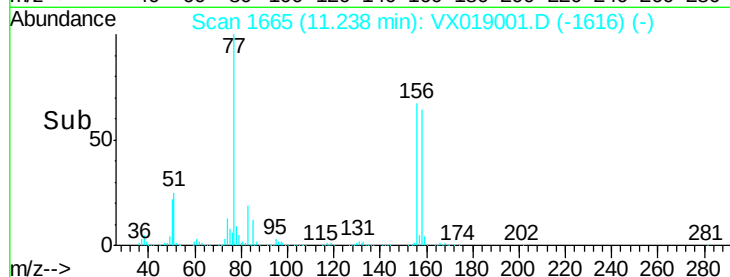
158 96.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.580 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019001.D

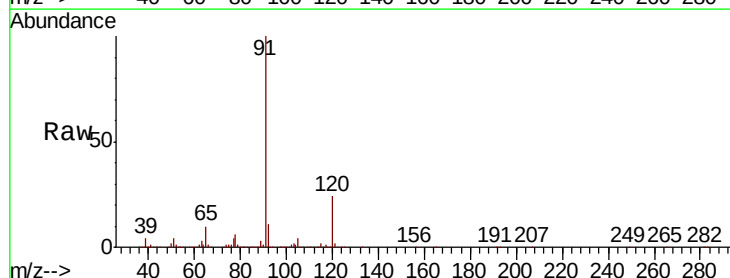
Acq: 21 Oct 2020 11:32

Tgt Ion: 91 Resp: 1215604

Ion Ratio Lower Upper

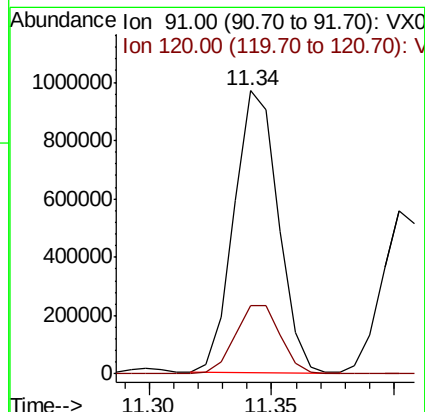
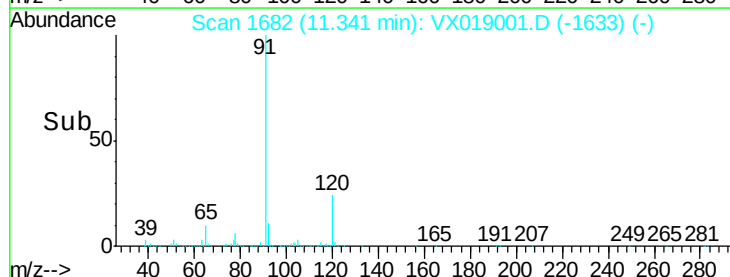
91 100

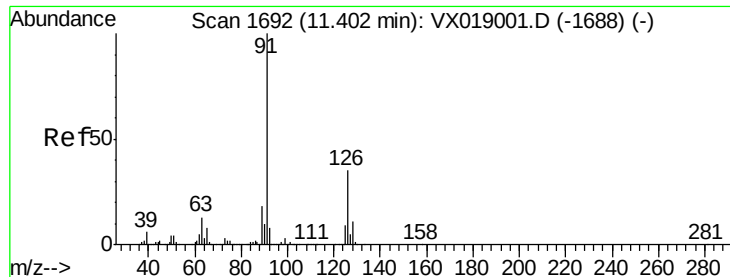
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.242 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

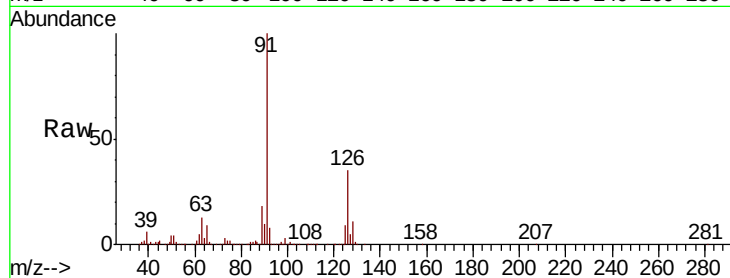
VSTDICCC050

Tot Ion: 91 Resp: 713914

Ion Ratio Lower Upper

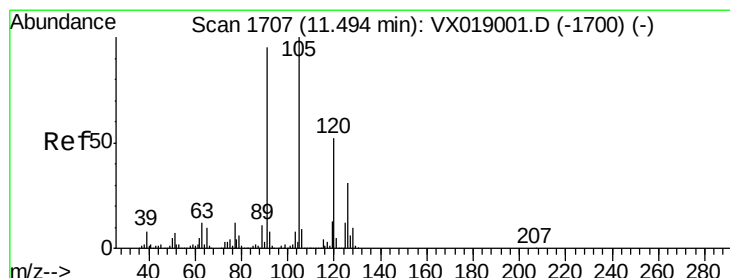
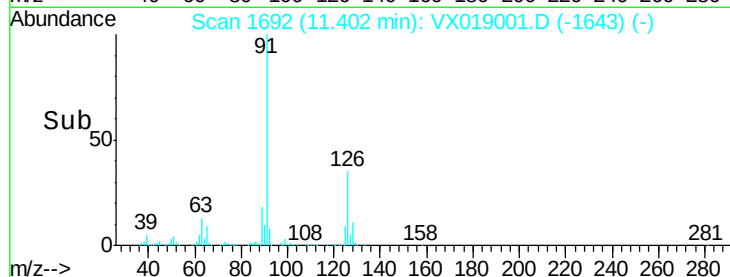
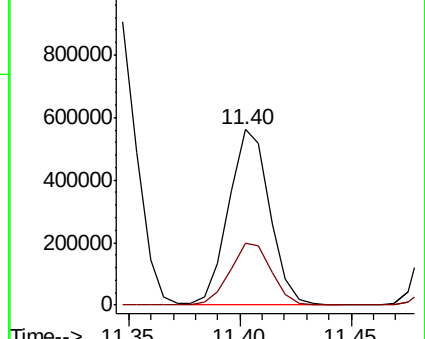
91 100

126 36.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX019001.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019001.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.927 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019001.D

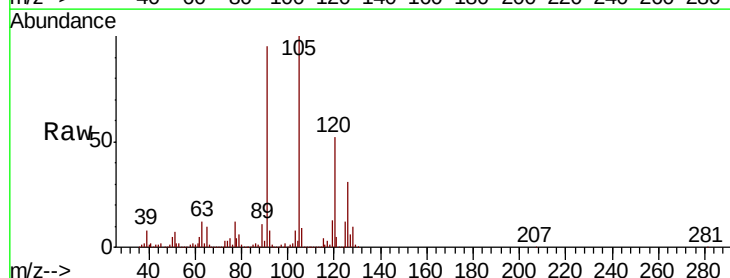
Acq: 21 Oct 2020 11:32

Tgt Ion: 105 Resp: 916686

Ion Ratio Lower Upper

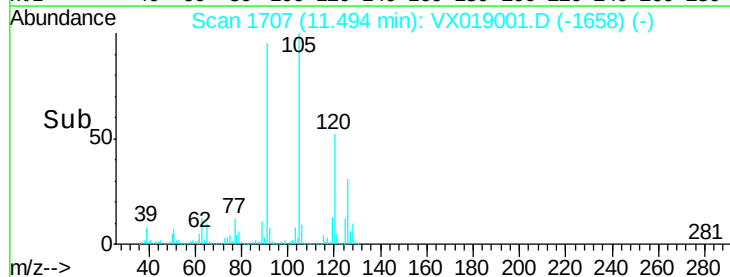
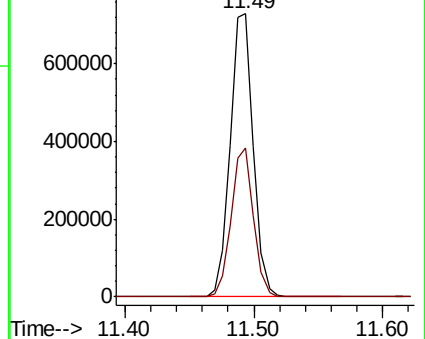
105 100

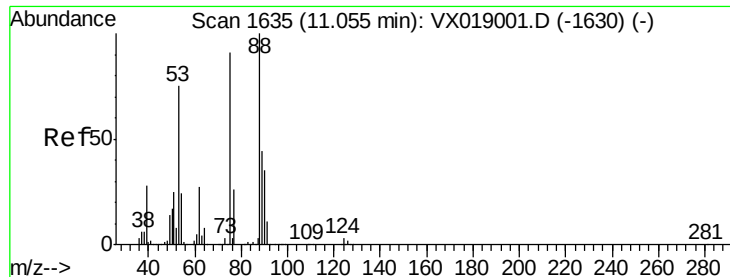
120 50.9 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): VX019001.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019001.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.638 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

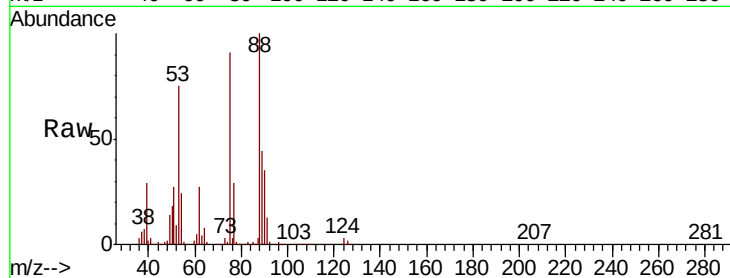
Tot Ion: 75 Resp: 121281

Ion Ratio Lower Upper

75 100

53 80.3 64.2 96.4

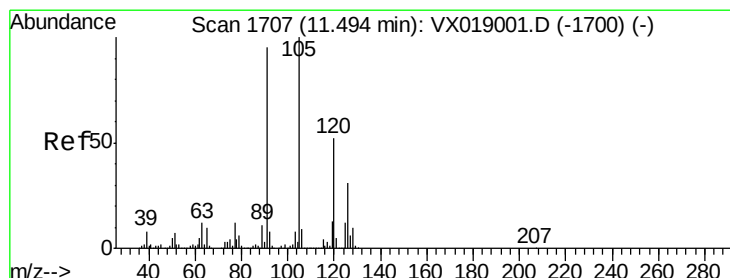
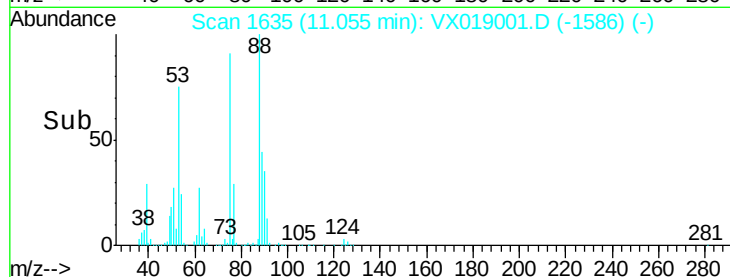
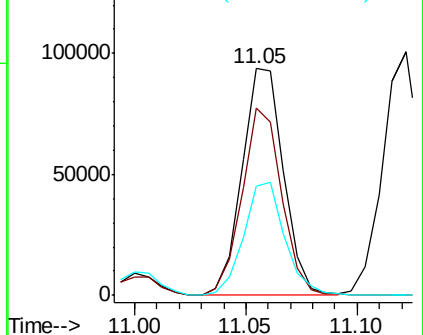
89 49.8 39.8 59.8



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: 48.259 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019001.D

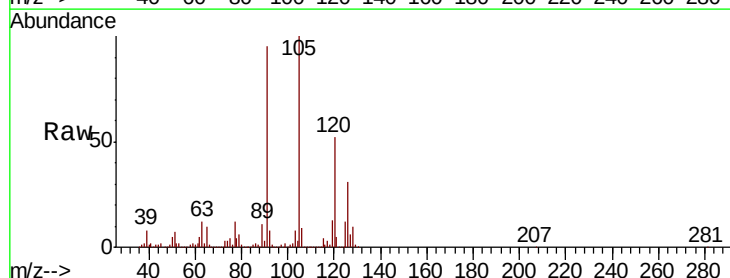
Acq: 21 Oct 2020 11:32

Tgt Ion: 91 Resp: 849157

Ion Ratio Lower Upper

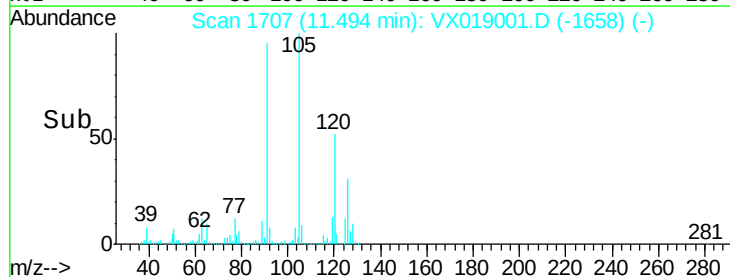
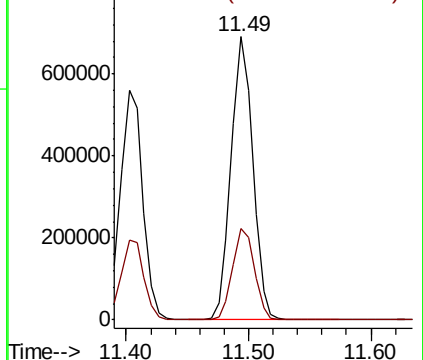
91 100

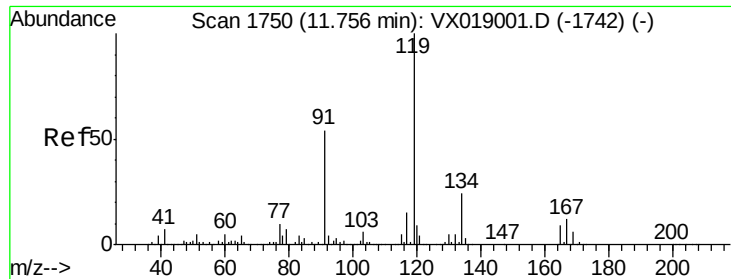
126 32.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

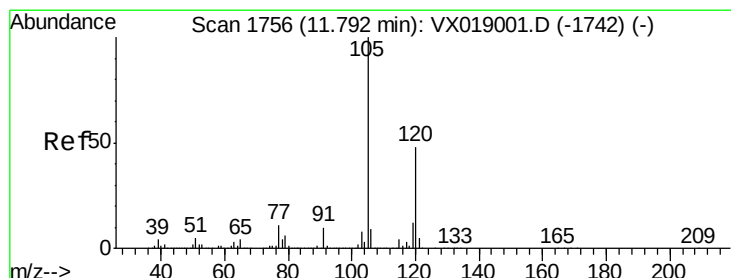
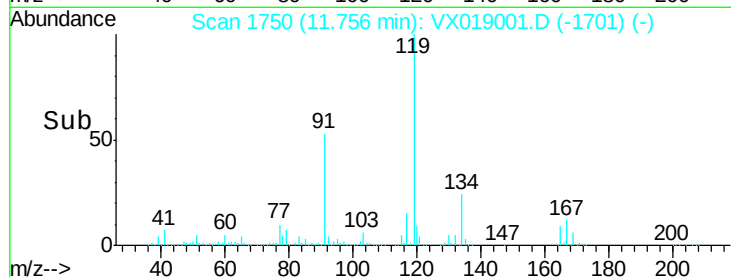
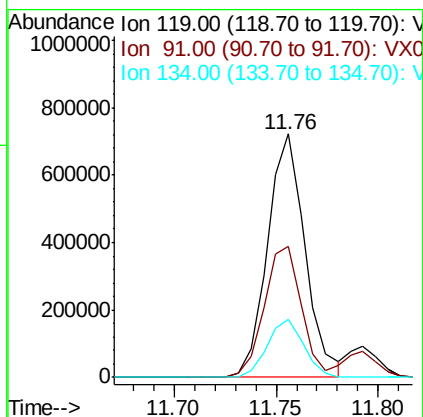
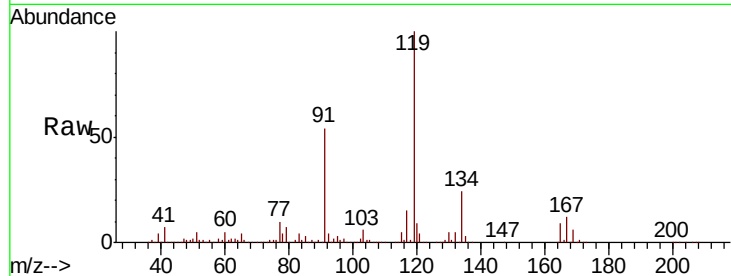




#83
 tert-Butylbenzene
 Concen: 52.609 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

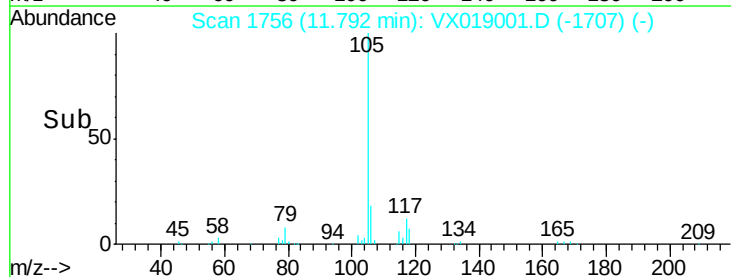
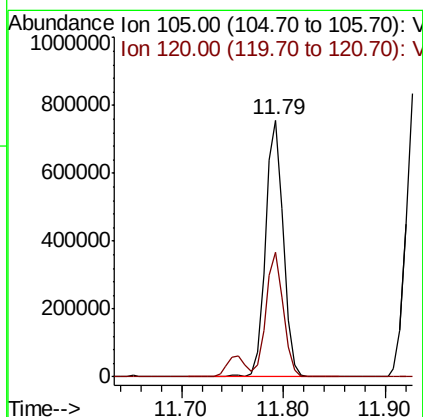
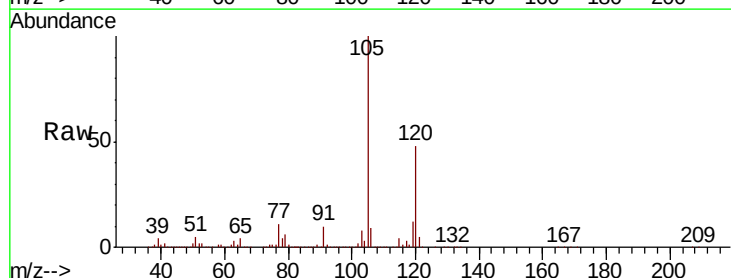
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

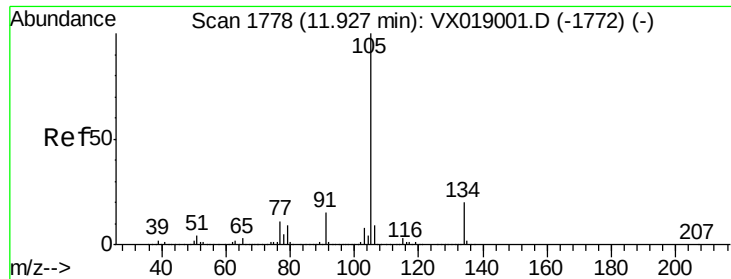
Tot Ion:119 Resp: 925383
 Ion Ratio Lower Upper
 119 100
 91 53.1 26.6 79.7
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.802 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion:105 Resp: 917912
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8





#85

sec-Butylbenzene

Concen: 51.439 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

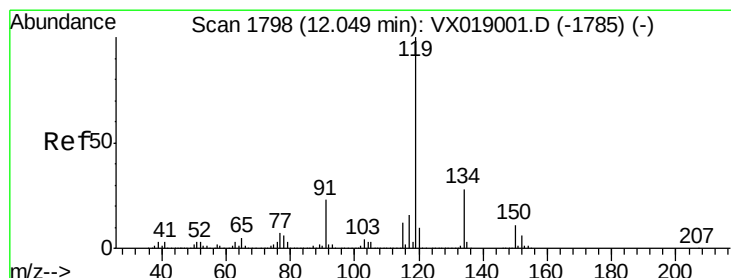
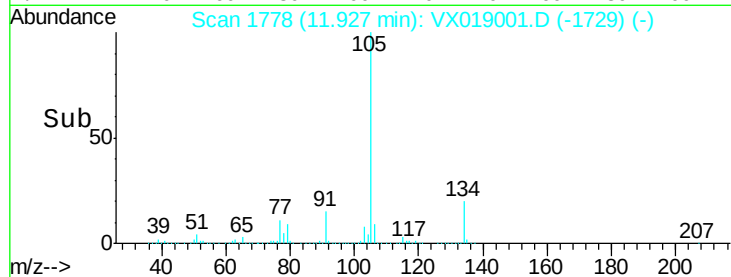
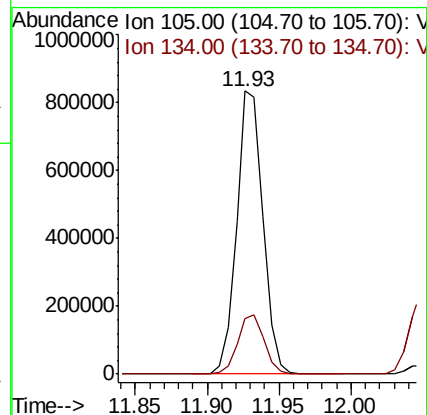
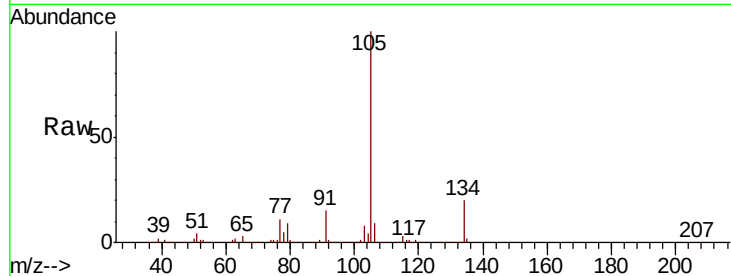
VSTDICCC050

Tot Ion:105 Resp: 1063411

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 52.724 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

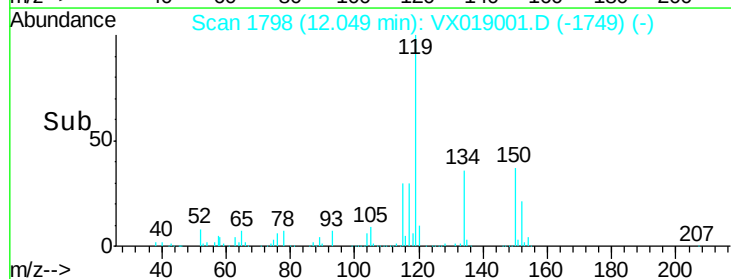
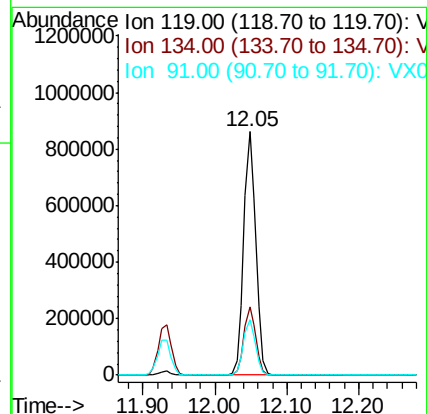
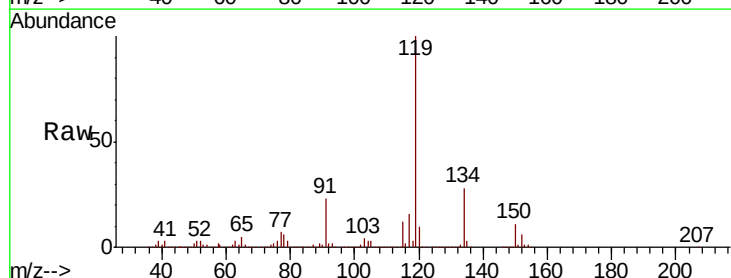
Tgt Ion:119 Resp: 1002123

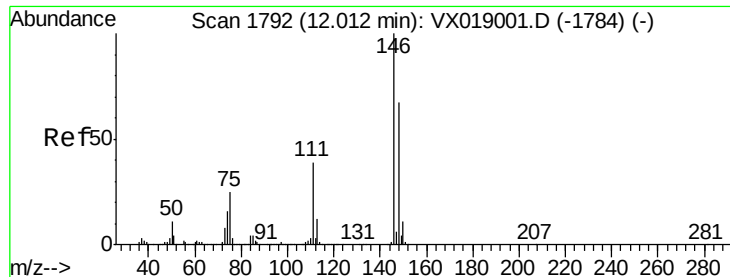
Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 22.8 11.4 34.2

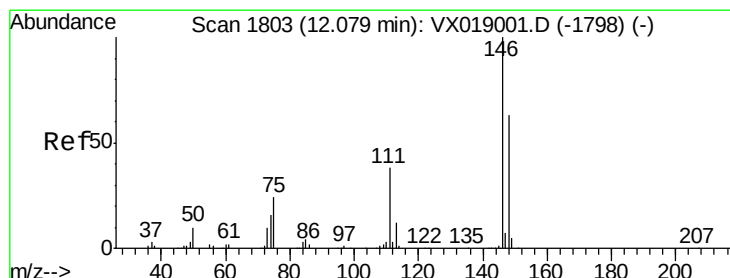
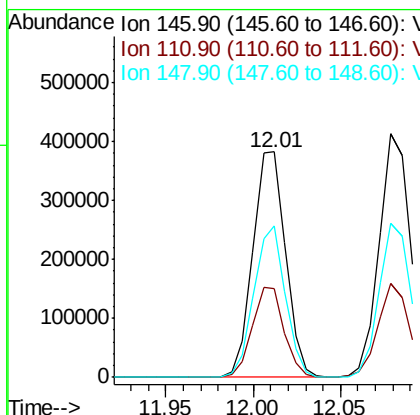
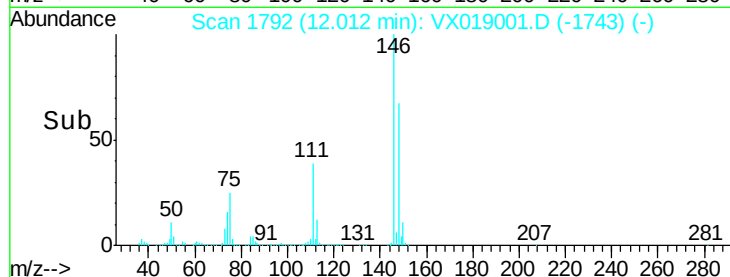
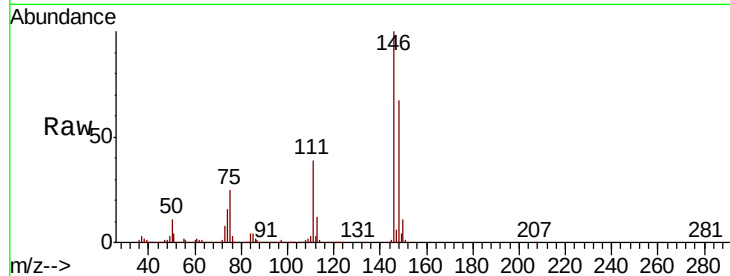




#87
 1,3-Dichlorobenzene
 Concen: 47.960 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

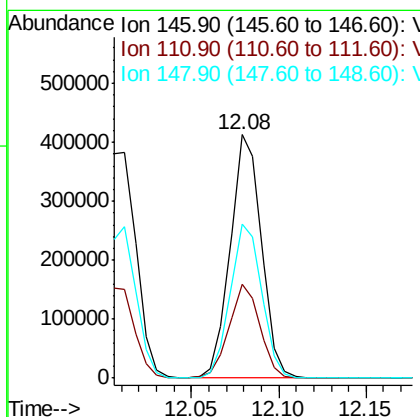
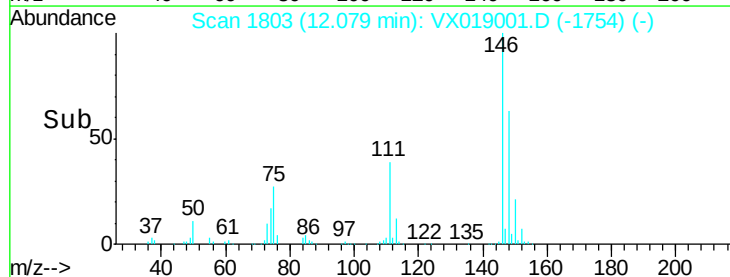
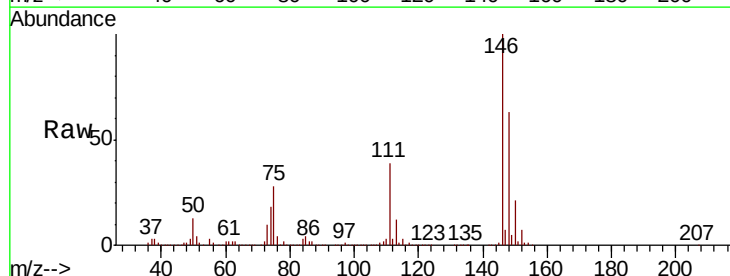
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

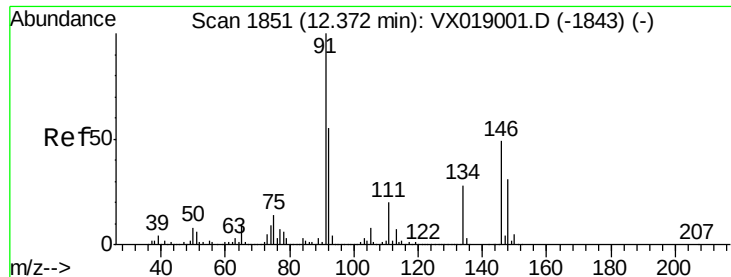
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.4
148	64.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.240 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	64.5	32.3	96.8





#89

n-Butylbenzene

Concen: 50.620 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

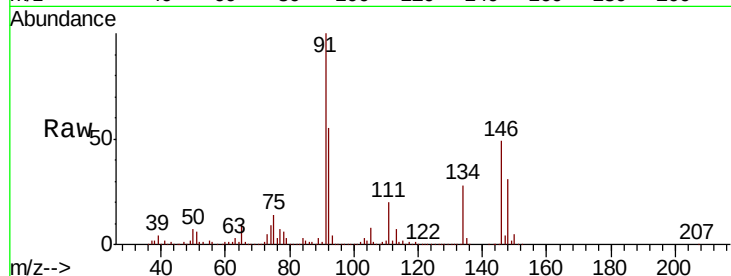
Tot Ion: 91 Resp: 887794

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.9

134 28.2 14.1 42.3

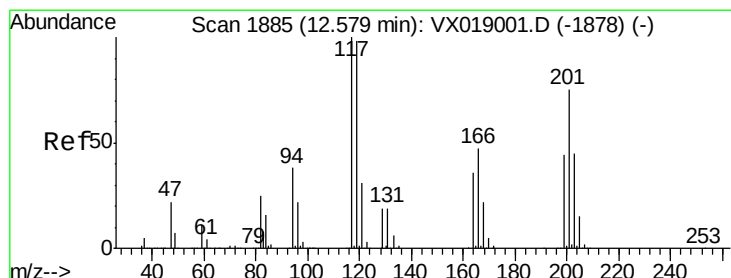
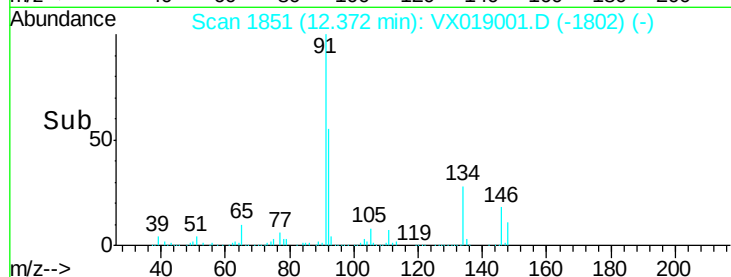


Abundance Ion 91.00 (90.70 to 91.70): VX019001.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX019001.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX019001.D (-1843) (-)

Time-->



#90

Hexachloroethane

Concen: 43.126 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019001.D

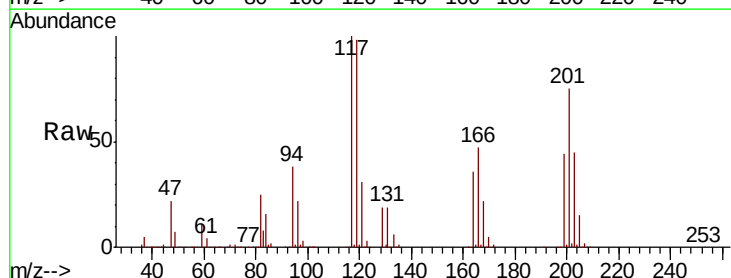
Acq: 21 Oct 2020 11:32

Tgt Ion: 117 Resp: 159269

Ion Ratio Lower Upper

117 100

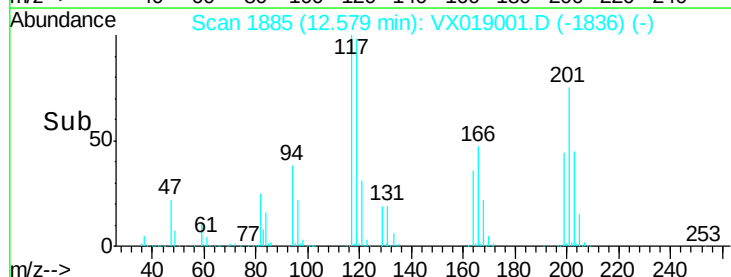
201 74.9 37.5 112.3

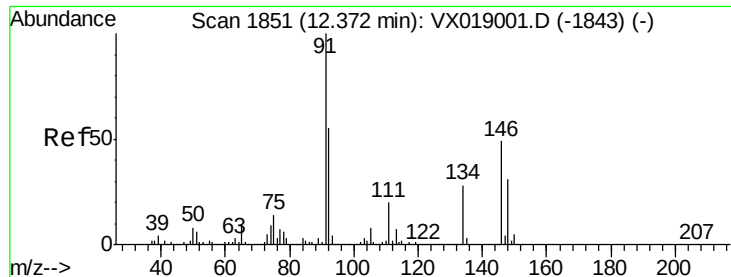


Abundance Ion 116.80 (116.50 to 117.50): VX019001.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019001.D (-1878) (-)

Time-->

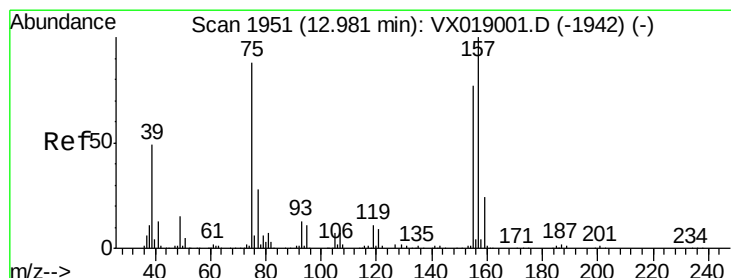
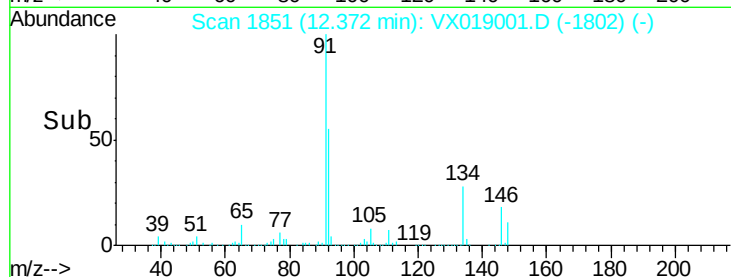
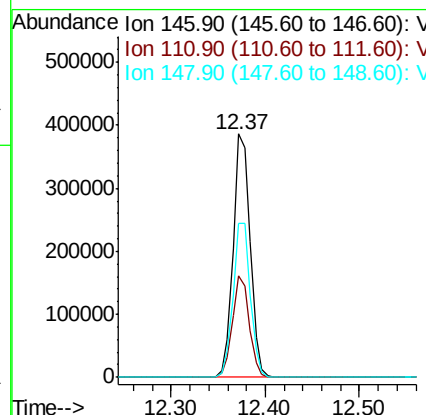
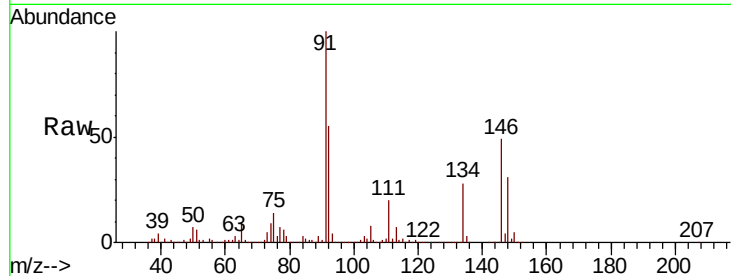




#91
 1,2-Dichlorobenzene
 Concen: 49.572 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

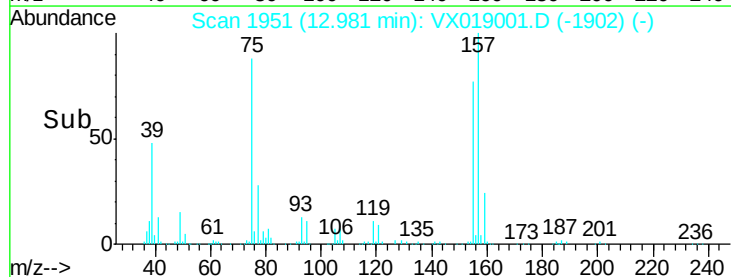
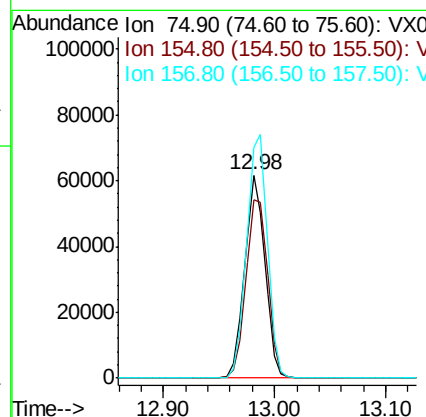
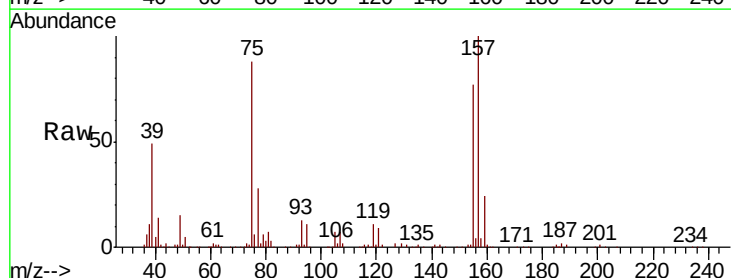
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

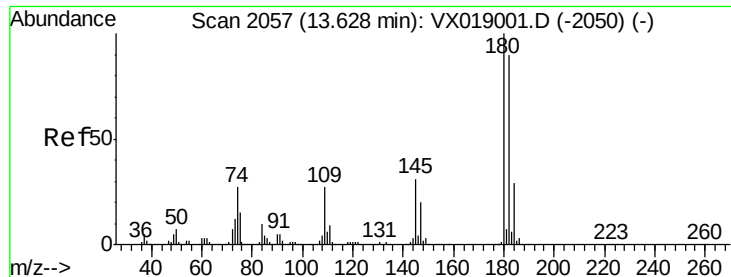
Tot Ion:146 Resp: 485609
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 64.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.827 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion: 75 Resp: 77856
 Ion Ratio Lower Upper
 75 100
 155 94.5 47.3 141.8
 157 123.2 61.6 184.8

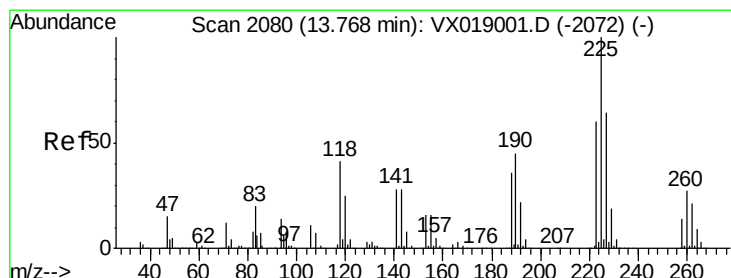
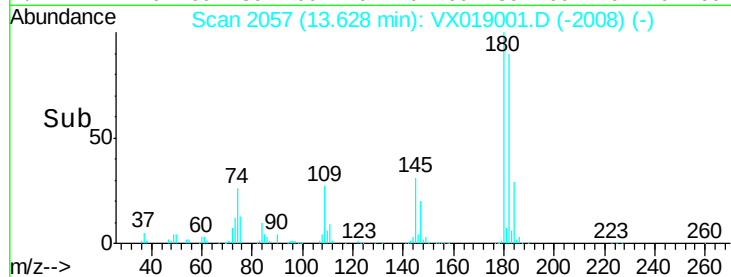
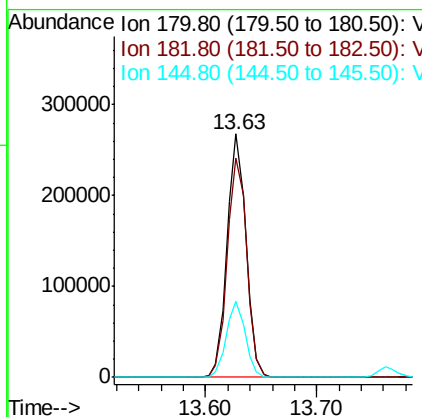
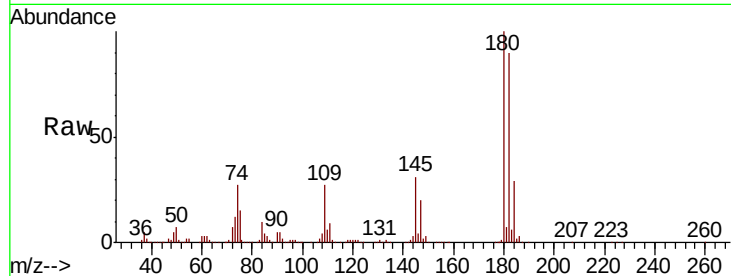




#93
 1,2,4-Trichlorobenzene
 Concen: 46.586 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

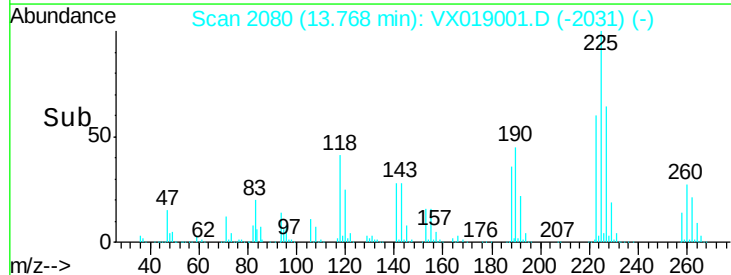
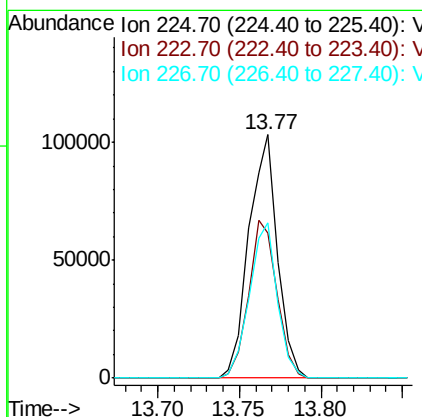
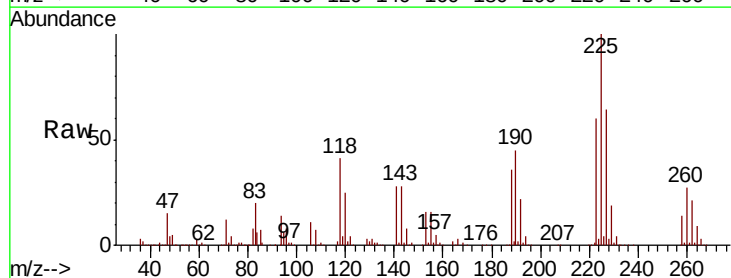
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

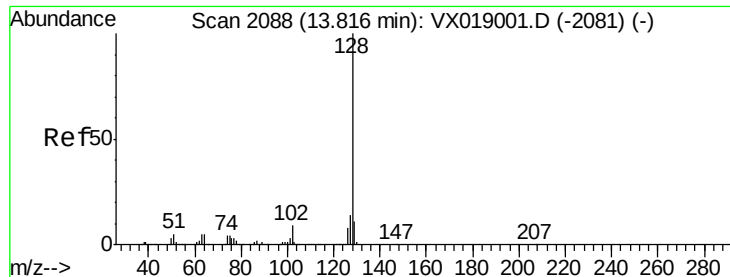
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.4	139.2
145	31.2	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 44.709 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX019001.D
 Acq: 21 Oct 2020 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.4	97.2
227	62.4	31.2	93.6





#95

Naphthalene

Concen: 53.041 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

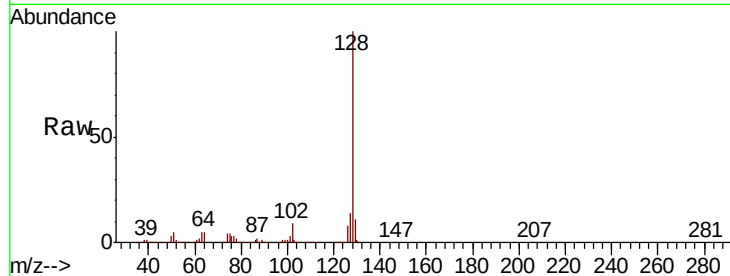
Tot Ion:128 Resp: 1093277

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

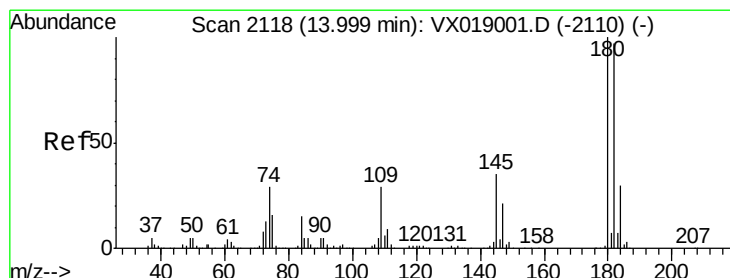
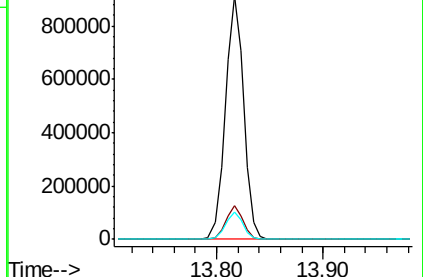
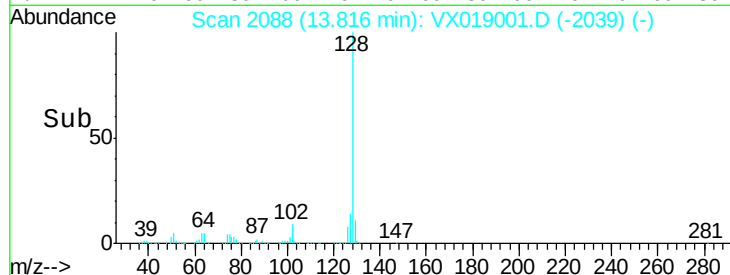
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.068 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019001.D

Acq: 21 Oct 2020 11:32

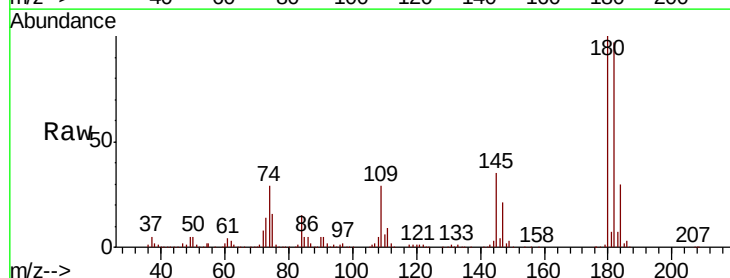
Tgt Ion:180 Resp: 302774

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.7

145 33.3 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

