

Data File : VX017273.D
Acq On : 08 Jul 2020 22:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jul 09 05:05:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	164381	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	136481	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	490244	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.12	95	202479	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	124988	46.605	ug/l	98
3) Chloromethane	1.31	50	131761	40.588	ug/l	99
4) Vinyl Chloride	1.39	62	135314	44.926	ug/l	98
5) Bromomethane	1.62	94	74929	47.087	ug/l	98
6) Chloroethane	1.70	64	87517	49.199	ug/l	99
7) Trichlorofluoromethane	1.91	101	240801	54.058	ug/l	99
8) Diethyl Ether	2.17	74	83223	55.486	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136509	51.131	ug/l	97
10) Methyl Iodide	2.49	142	155184	45.046	ug/l	99
11) Tert butyl alcohol	3.02	59	176729	271.076	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132349	48.256	ug/l	99
13) Acrolein	2.28	56	118273	303.477	ug/l	99
14) Allyl chloride	2.71	41	236207	46.602	ug/l	98
15) Acrylonitrile	3.12	53	418670	267.133	ug/l	99
16) Acetone	2.42	43	351183	274.695	ug/l	99
17) Carbon Disulfide	2.55	76	346180	45.234	ug/l	99
18) Methyl Acetate	2.75	43	188925	56.609	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490955	53.337	ug/l	98
20) Methylene Chloride	2.84	84	155089	52.940	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	146226	48.043	ug/l	97
22) Diisopropyl ether	3.82	45	475393	50.675	ug/l	97
23) Vinyl Acetate	3.79	43	2102575	260.823	ug/l	99
24) 1,1-Dichloroethane	3.67	63	269105	50.415	ug/l	98
25) 2-Butanone	4.64	43	569511	267.348	ug/l	98
26) 2,2-Dichloropropane	4.55	77	210594	44.434	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167401	48.542	ug/l	99
28) Bromochloromethane	4.98	49	110752	42.638	ug/l	96
29) Tetrahydrofuran	5.09	42	370237	263.049	ug/l	99
30) Chloroform	5.18	83	282919	51.705	ug/l	99
31) Cyclohexane	5.55	56	215541	46.716	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	263160	52.222	ug/l	99
36) 1,1-Dichloropropene	5.77	75	200115	50.482	ug/l	99
37) Ethyl Acetate	4.80	43	220943	54.933	ug/l	99
38) Carbon Tetrachloride	5.76	117	239302	54.808	ug/l	98

Data File : VX017273.D
Acq On : 08 Jul 2020 22:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jul 09 05:05:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216230	49.026	ug/l	98
40) Benzene	6.11	78	588255	50.506	ug/l	99
41) Methacrylonitrile	5.01	41	127024	56.114	ug/l	99
42) 1,2-Dichloroethane	6.16	62	231422	55.008	ug/l	99
43) Isopropyl Acetate	6.41	43	357323	53.464	ug/l	99
44) Trichloroethene	7.19	130	173051	53.867	ug/l	97
45) 1,2-Dichloropropane	7.49	63	155443	51.962	ug/l	97
46) Dibromomethane	7.64	93	110381	54.046	ug/l	95
47) Bromodichloromethane	7.88	83	233923	55.578	ug/l	99
48) Methyl methacrylate	7.74	41	179529	56.540	ug/l	97
49) 1,4-Dioxane	7.71	88	72409	1006.599	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1146700	287.829	ug/l	100
52) Toluene	8.76	92	387666	53.311	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	255845	55.094	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	263832	52.998	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	168397	56.679	ug/l	98
56) Ethyl methacrylate	9.16	69	249341	58.963	ug/l	99
57) 1,3-Dichloropropane	9.35	76	272528	54.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	571601	271.593	ug/l	99
59) 2-Hexanone	9.48	43	886776	304.774	ug/l	99
60) Dibromochloromethane	9.57	129	201465	58.383	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177901	55.706	ug/l	100
64) Tetrachloroethene	9.32	164	167256	50.705	ug/l	95
65) Chlorobenzene	10.12	112	438838	52.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	177675	54.653	ug/l	99
67) Ethyl Benzene	10.24	91	762722	54.141	ug/l	98
68) m/p-Xylenes	10.34	106	588740	108.841	ug/l	97
69) o-Xylene	10.68	106	285179	55.420	ug/l	100
70) Styrene	10.70	104	510753	58.288	ug/l	99
71) Bromoform	10.84	173	159715	61.953	ug/l #	96
73) Isopropylbenzene	11.00	105	779916	54.675	ug/l	99
74) N-amyl acetate	10.88	43	337380	55.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	236783	52.770	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	296370	69.206	ug/l	86
77) Bromobenzene	11.24	156	214319	54.667	ug/l	97
78) n-propylbenzene	11.34	91	883677	54.782	ug/l	100
79) 2-Chlorotoluene	11.40	91	536180	54.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	661709	55.925	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85063	51.438	ug/l	95
82) 4-Chlorotoluene	11.49	91	637235	54.602	ug/l	100
83) tert-Butylbenzene	11.76	119	650590	56.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	678104	56.491	ug/l	100
85) sec-Butylbenzene	11.93	105	748369	54.813	ug/l	100
86) p-Isopropyltoluene	12.05	119	705324	55.493	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	367663	51.636	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	374147	55.742	ug/l	99
89) n-Butylbenzene	12.37	91	574551	50.626	ug/l	99
90) Hexachloroethane	12.58	117	133475	53.253	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	353289	53.081	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59417	55.509	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Quantitation Report (Not Reviewed)

Data File : VX017273.D
Acq On : 08 Jul 2020 22:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

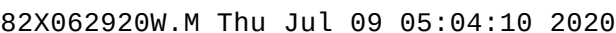
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

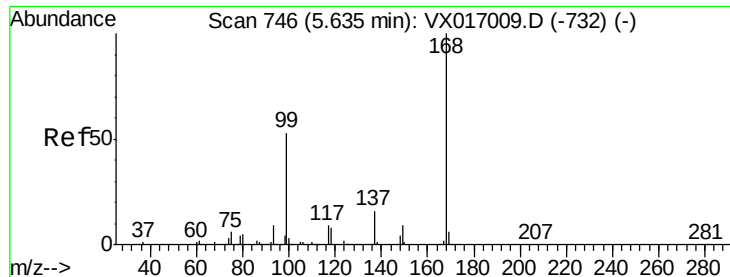
Quant Time: Jul 09 05:05:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245661	54.077	ug/l	100
94) Hexachlorobutadiene	13.76	225	89927	52.123	ug/l	99
95) Naphthalene	13.82	128	790110	57.209	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	238800	54.318	ug/l	97

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

Quant Time: Jul 09 05:05:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

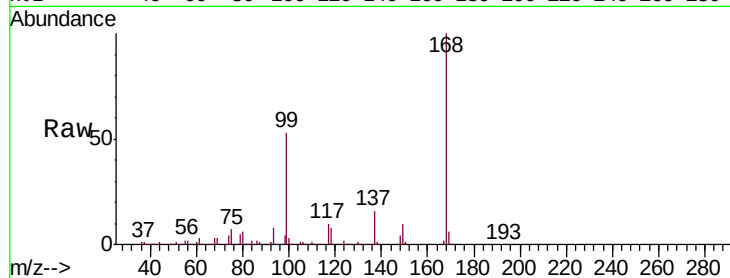
VSTDCCC050

Tgt Ion:168 Resp: 277213

Ion Ratio Lower Upper

168 100

99 53.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

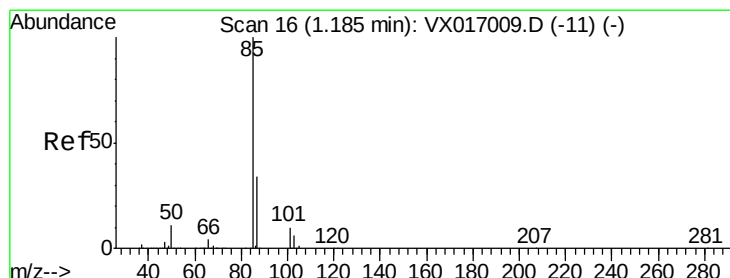
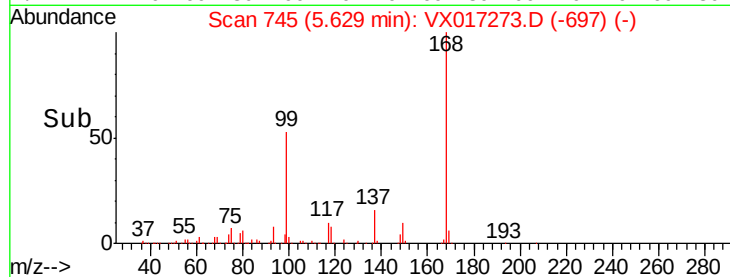
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.605 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017273.D

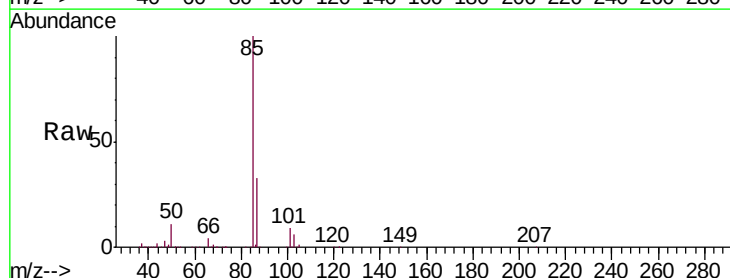
Acq: 08 Jul 2020 22:16

Tgt Ion: 85 Resp: 124988

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

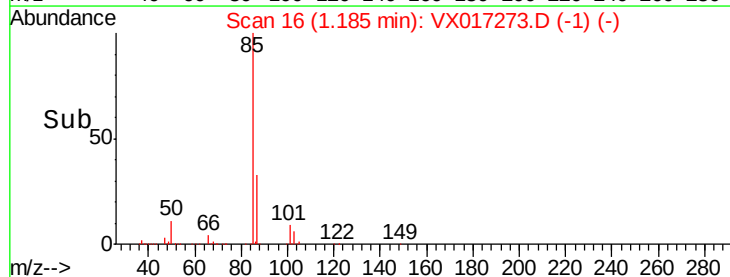
150000

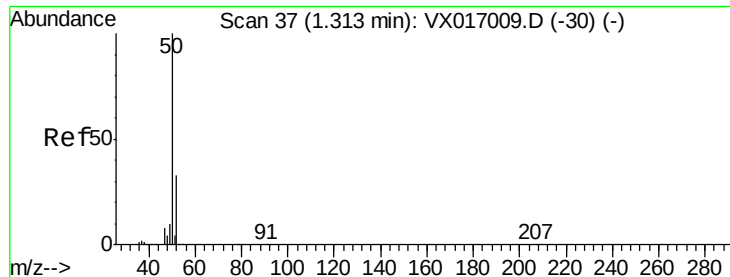
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.588 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

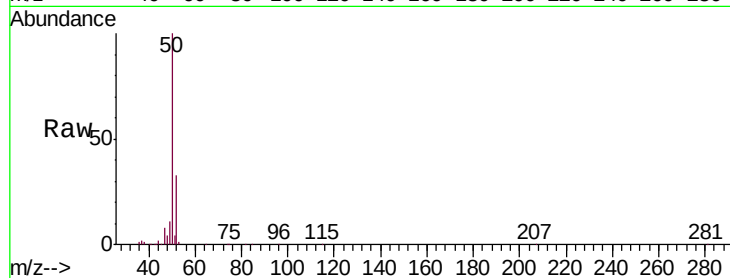
VSTDCCC050

Tgt Ion: 50 Resp: 131761

Ion Ratio Lower Upper

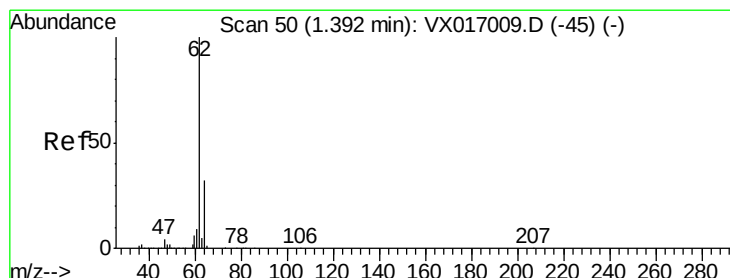
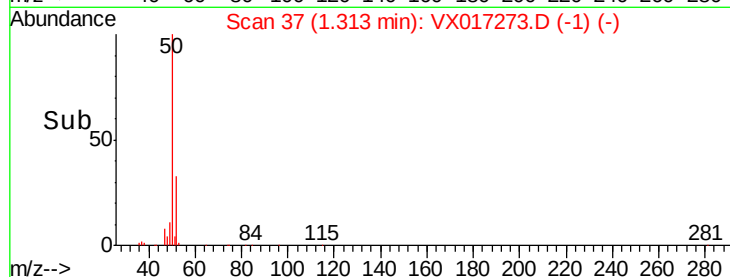
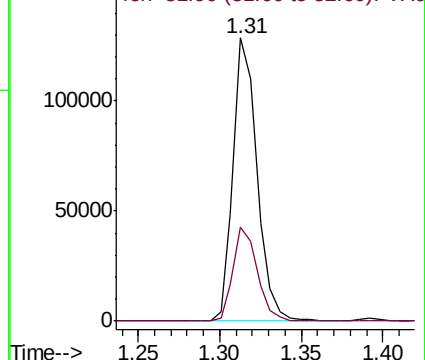
50 100

52 33.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.926 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017273.D

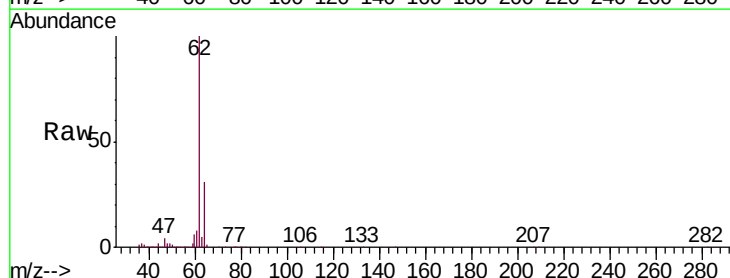
Acq: 08 Jul 2020 22:16

Tgt Ion: 62 Resp: 135314

Ion Ratio Lower Upper

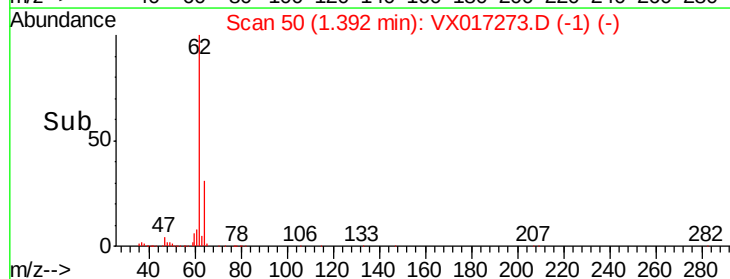
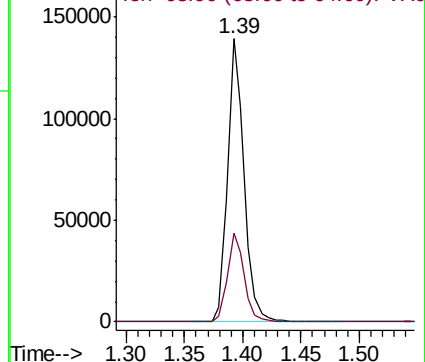
62 100

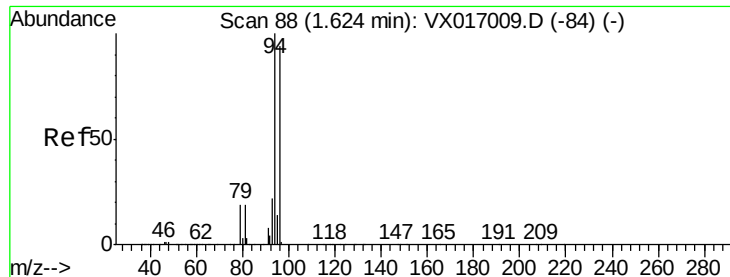
64 31.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.087 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

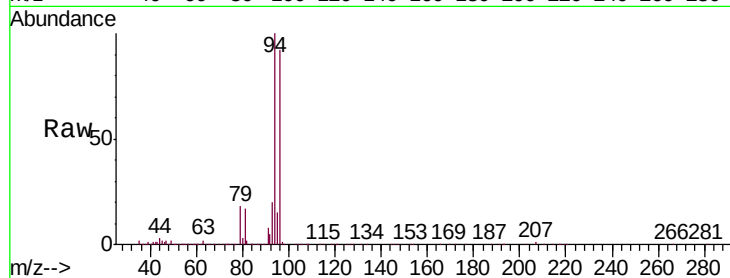
VSTDCCC050

Tgt Ion: 94 Resp: 74929

Ion Ratio Lower Upper

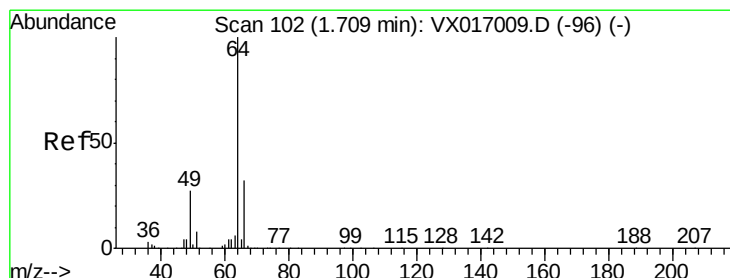
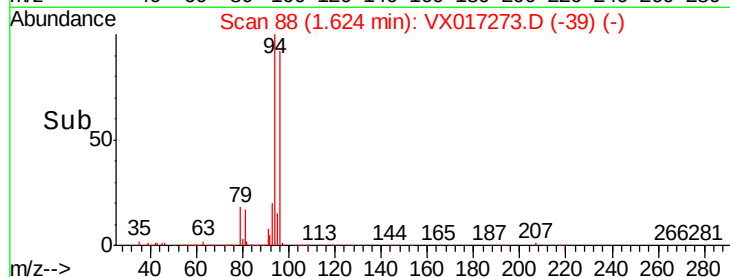
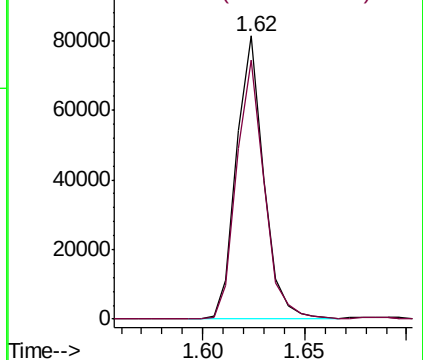
94 100

96 91.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.199 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017273.D

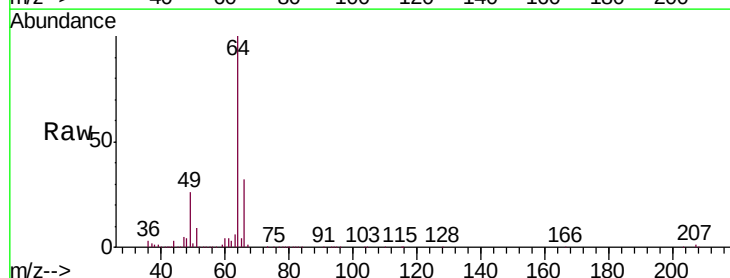
Acq: 08 Jul 2020 22:16

Tgt Ion: 64 Resp: 87517

Ion Ratio Lower Upper

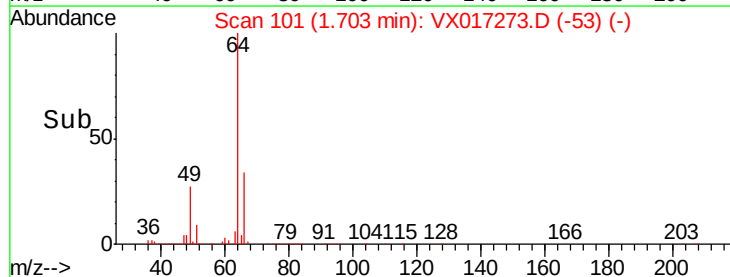
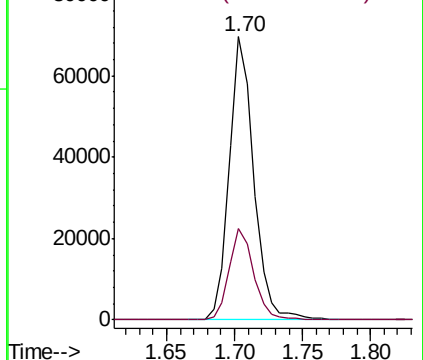
64 100

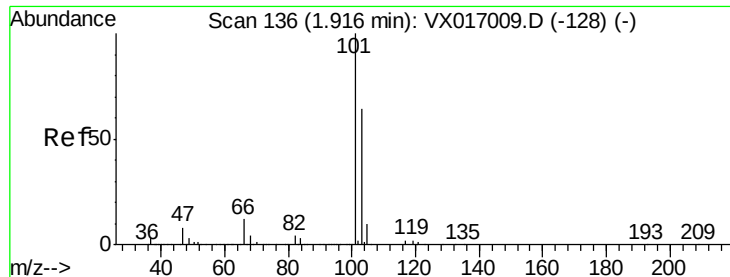
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



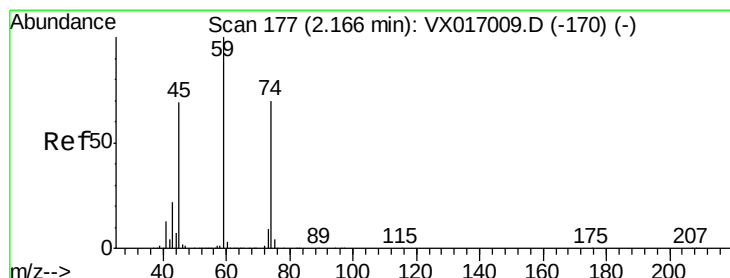
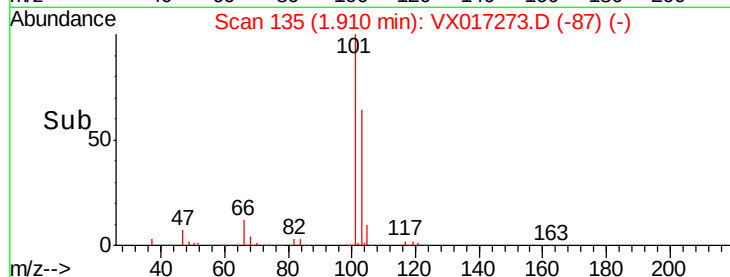
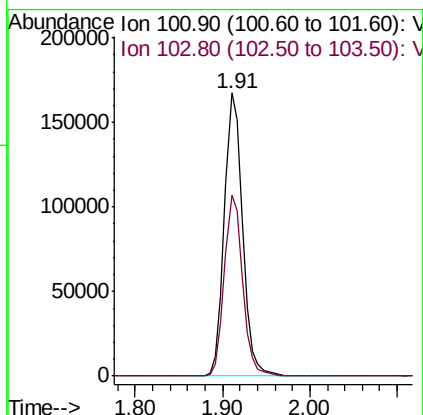
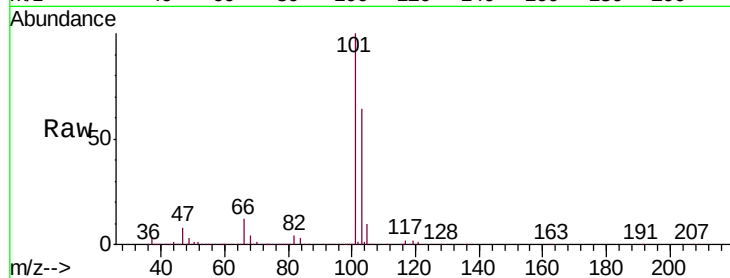


#7

Trichlorofluoromethane
 Concen: 54.058 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

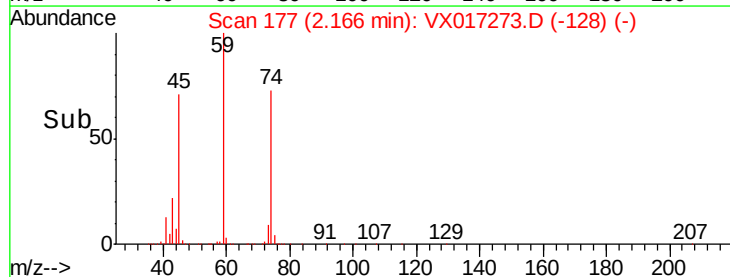
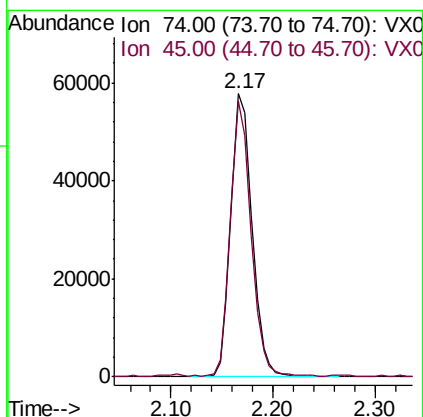
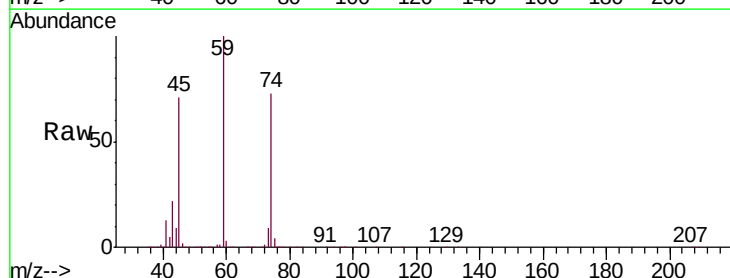
Tgt Ion:101 Resp: 240801
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.5 77.3

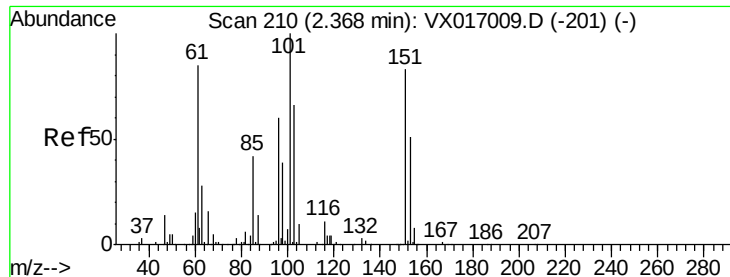


#8

Diethyl Ether
 Concen: 55.486 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 74 Resp: 83223
 Ion Ratio Lower Upper
 74 100
 45 94.0 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.131 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

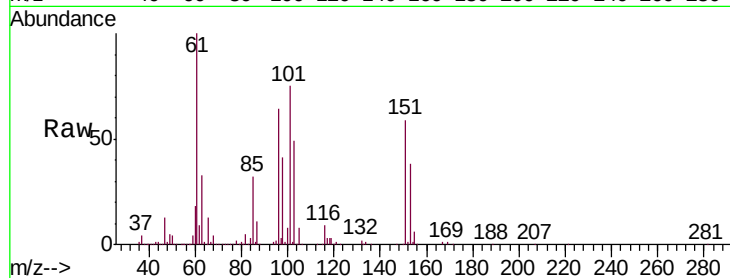
Tgt Ion:101 Resp: 136509

Ion Ratio Lower Upper

101 100

85 43.6 33.5 50.3

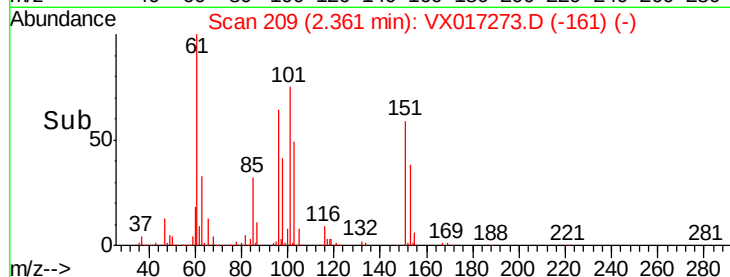
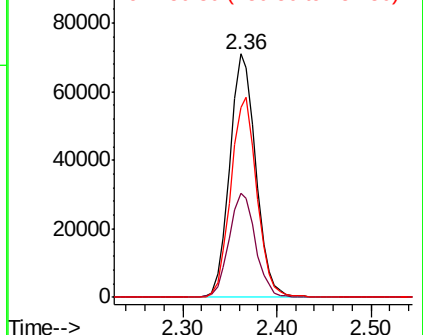
151 82.1 63.8 95.6



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: 45.046 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

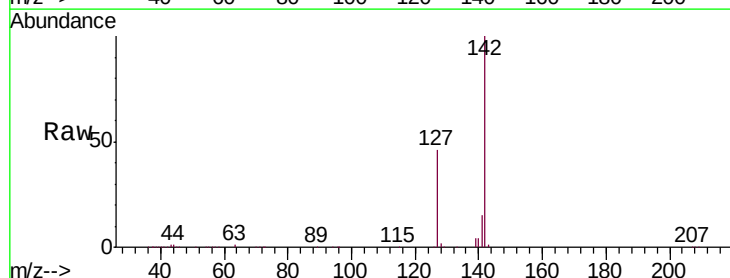
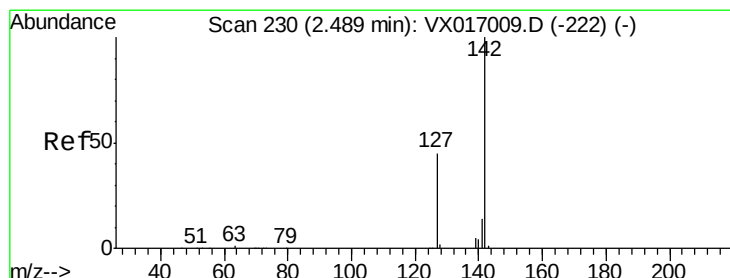
Tgt Ion:142 Resp: 155184

Ion Ratio Lower Upper

142 100

127 44.7 36.6 54.8

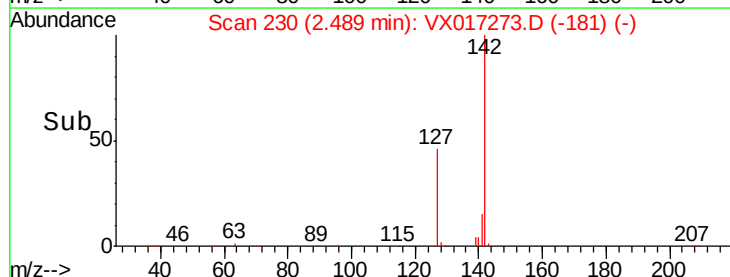
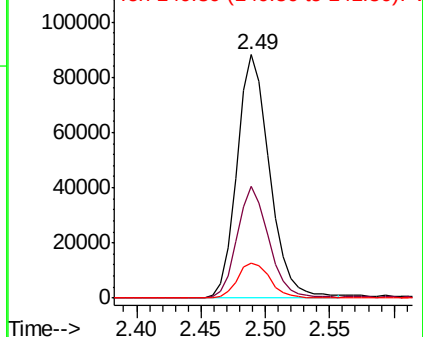
141 14.8 11.6 17.4

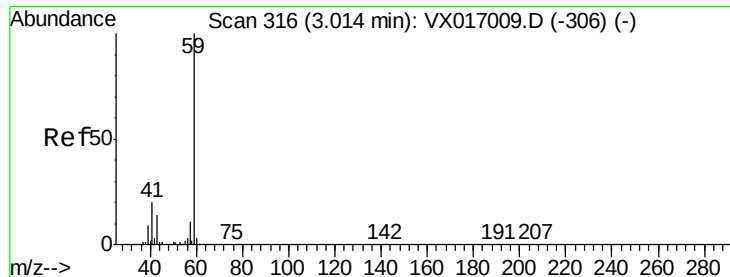


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

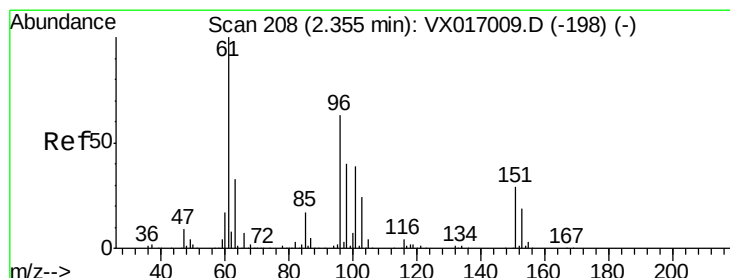
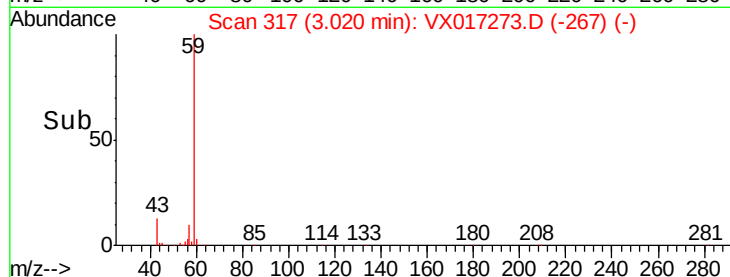
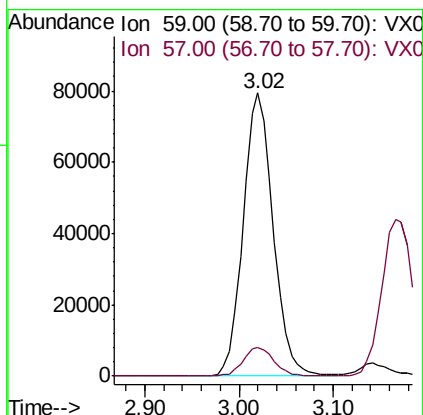
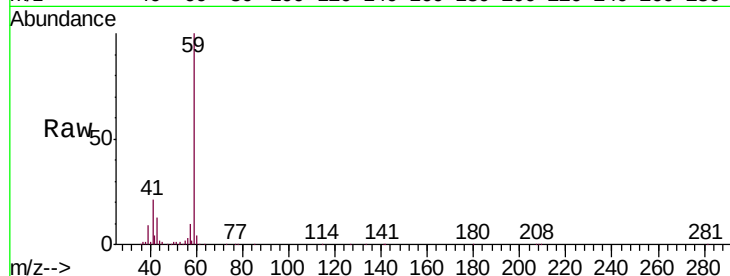




#11
Tert butyl alcohol
Concen: 271.076 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

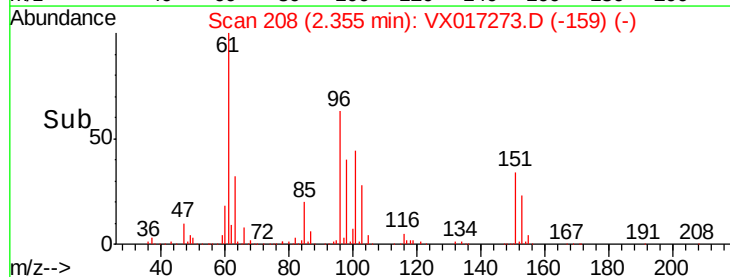
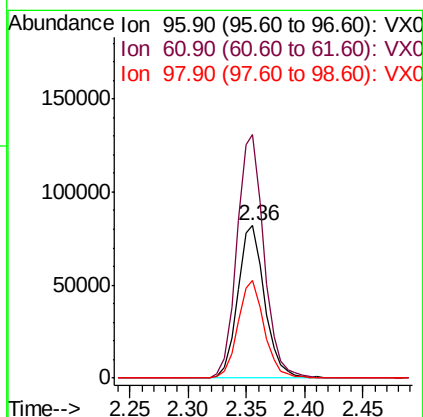
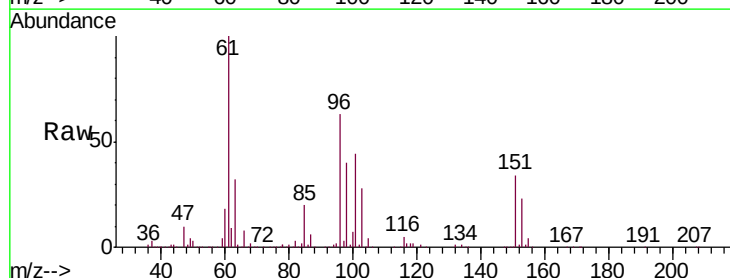
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

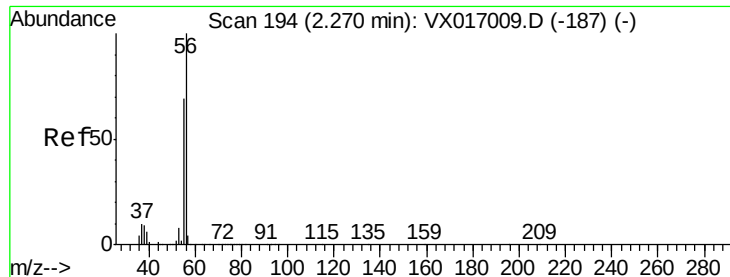
Tgt Ion: 59 Resp: 176729
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.256 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 96 Resp: 132349
Ion Ratio Lower Upper
96 100
61 159.6 126.3 189.5
98 63.8 51.0 76.6

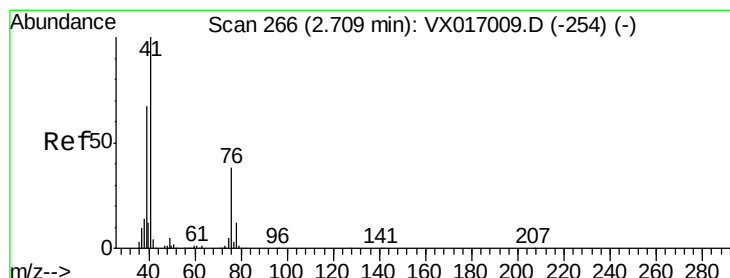
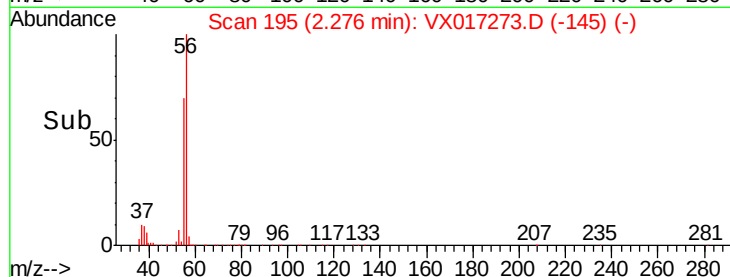
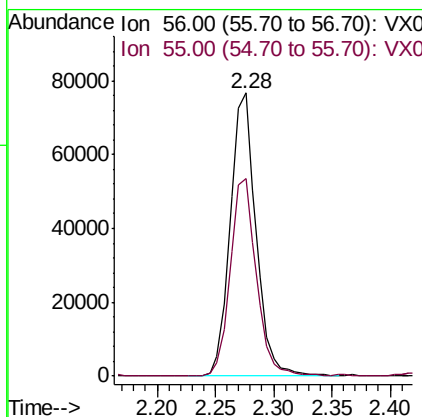
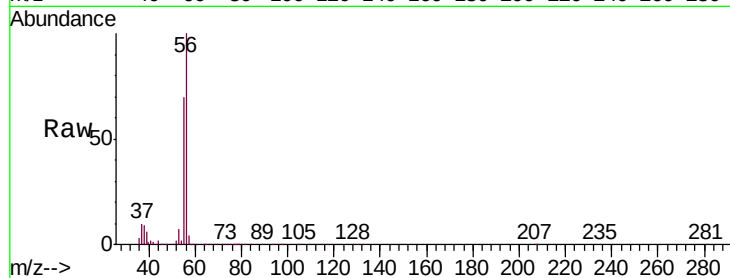




#13
Acrolein
Concen: 303.477 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

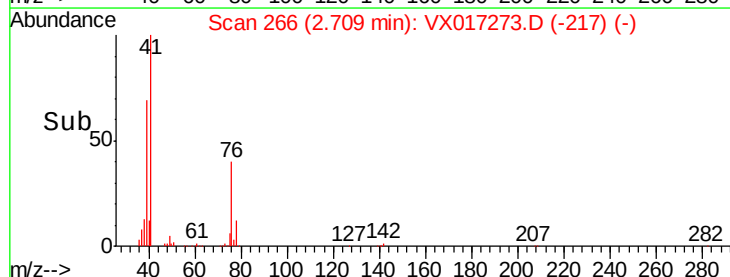
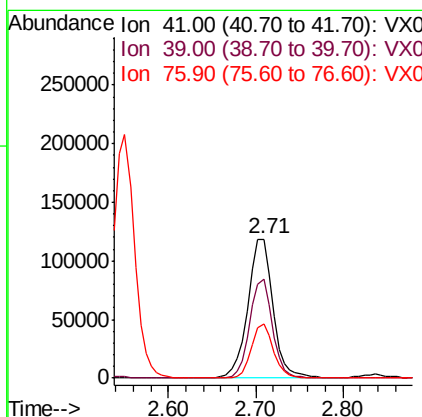
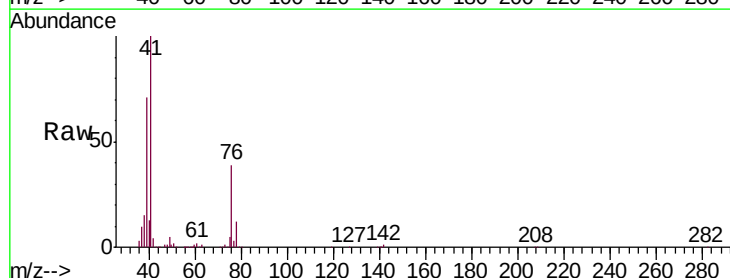
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

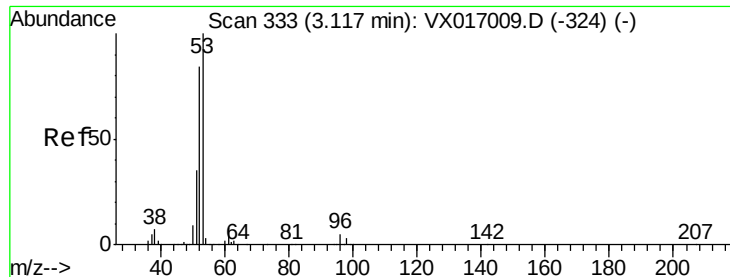
Tgt Ion: 56 Resp: 118273
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5



#14
Allyl chloride
Concen: 46.602 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 41 Resp: 236207
Ion Ratio Lower Upper
41 100
39 64.3 49.4 74.2
76 34.1 26.8 40.2





#15

Acrylonitrile

Concen: 267.133 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

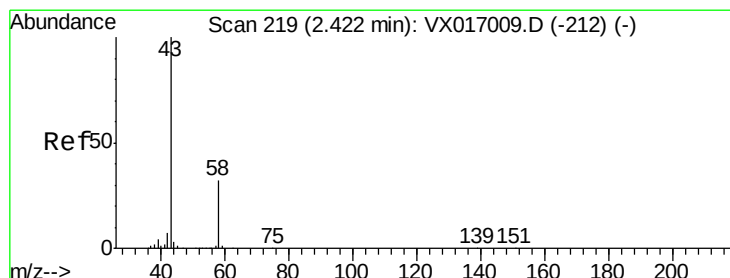
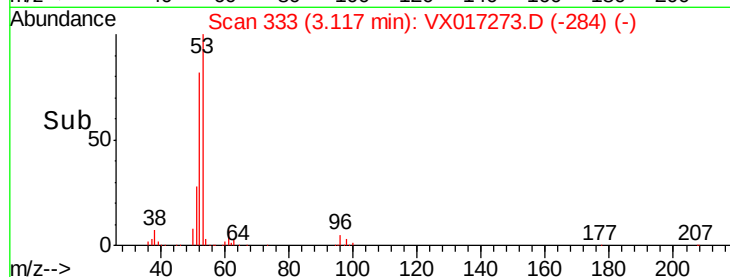
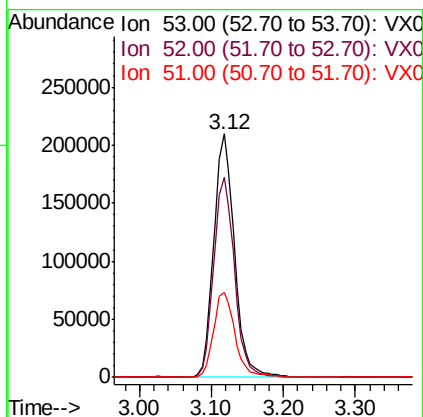
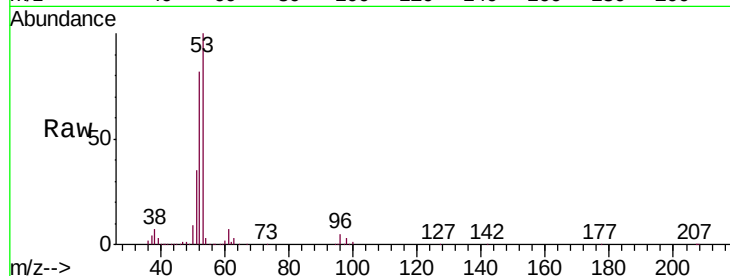
Tgt Ion: 53 Resp: 418670

Ion Ratio Lower Upper

53 100

52 82.8 65.6 98.4

51 36.2 28.3 42.5



#16

Acetone

Concen: 274.695 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017273.D

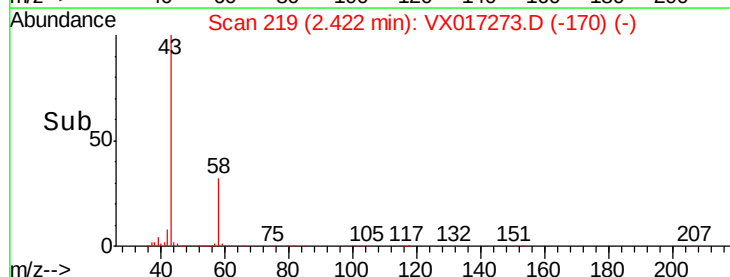
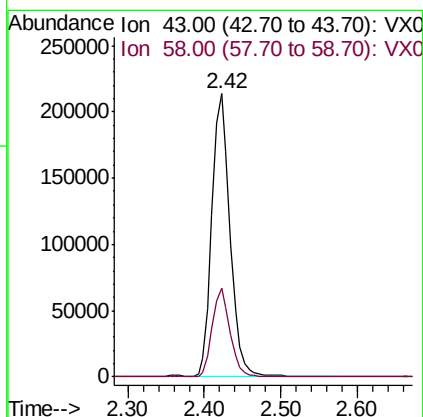
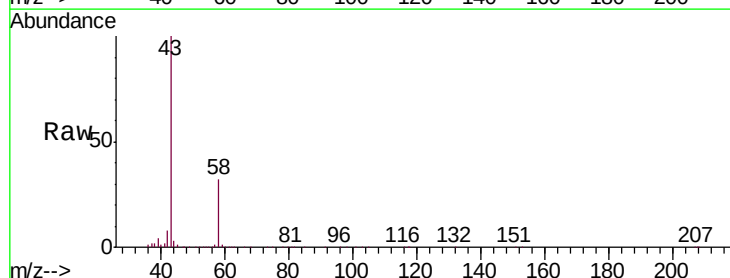
Acq: 08 Jul 2020 22:16

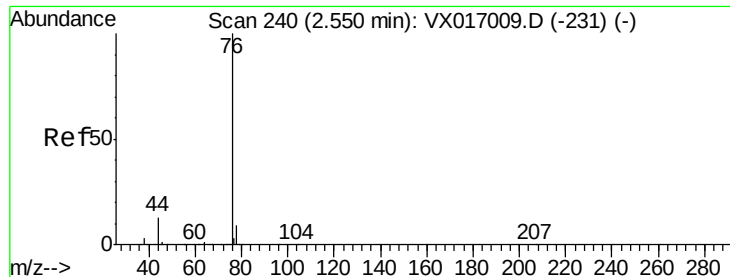
Tgt Ion: 43 Resp: 351183

Ion Ratio Lower Upper

43 100

58 31.6 25.7 38.5





#17

Carbon Disulfide

Concen: 45.234 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

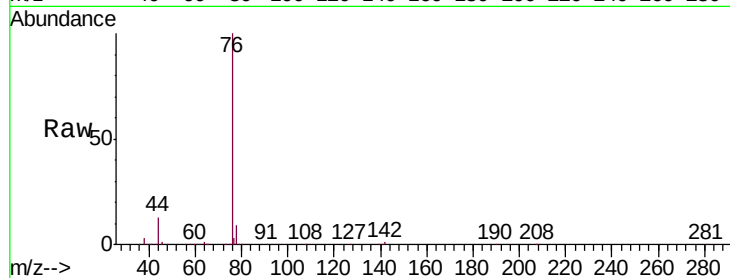
VSTDCCC050

Tgt Ion: 76 Resp: 346180

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

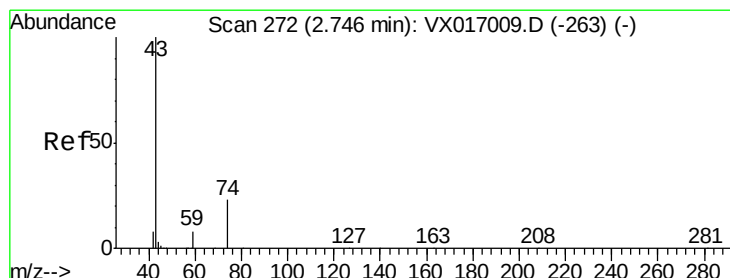
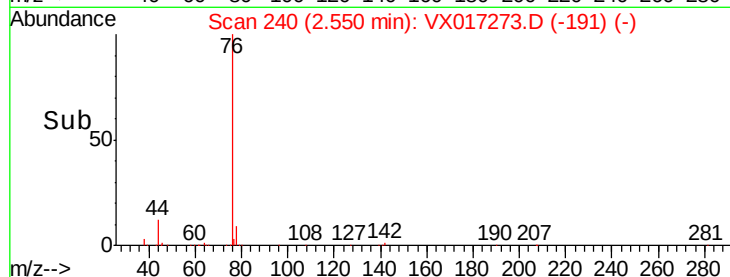
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.609 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017273.D

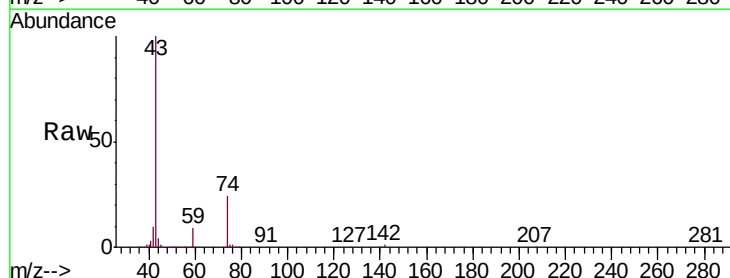
Acq: 08 Jul 2020 22:16

Tgt Ion: 43 Resp: 188925

Ion Ratio Lower Upper

43 100

74 24.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

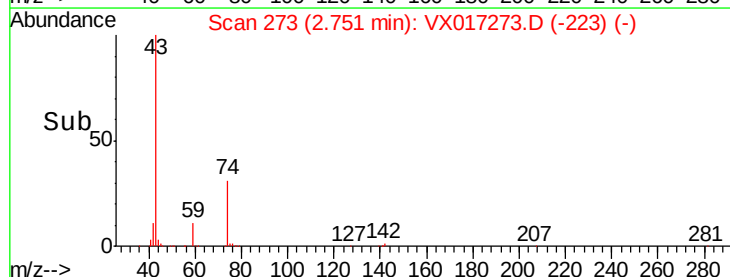
60000

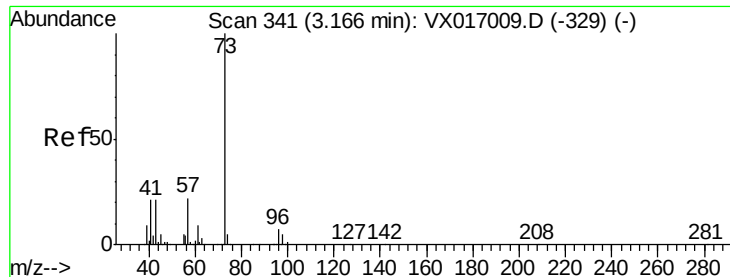
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 53.337 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

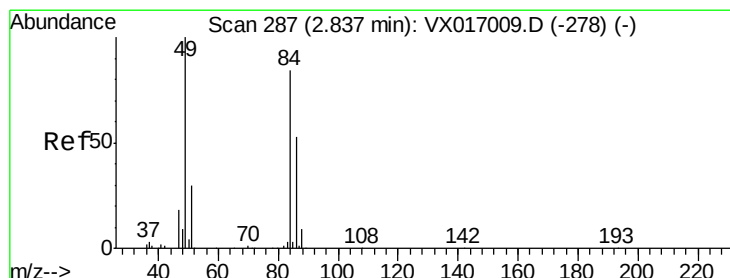
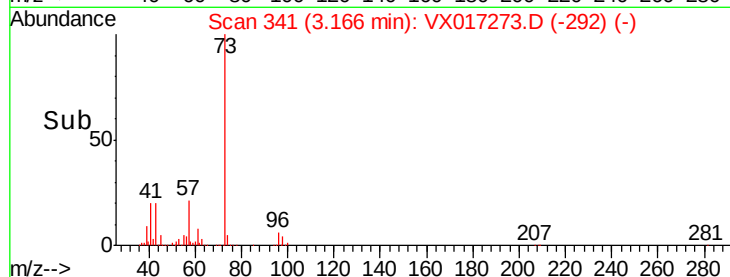
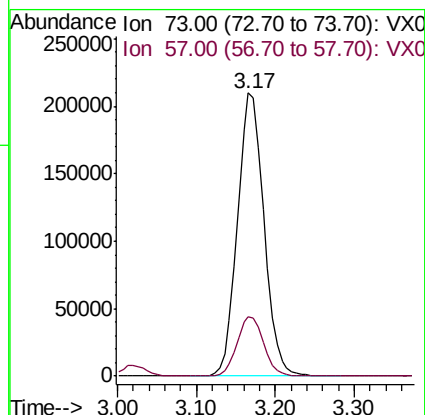
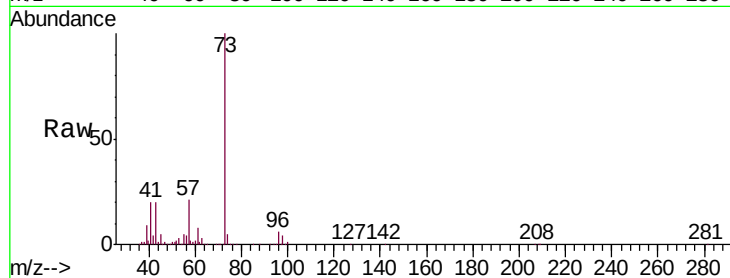
VSTDCCC050

Tgt Ion: 73 Resp: 490955

Ion Ratio Lower Upper

73 100

57 21.0 17.6 26.4



#20

Methylene Chloride

Concen: 52.940 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion: 84 Resp: 155089

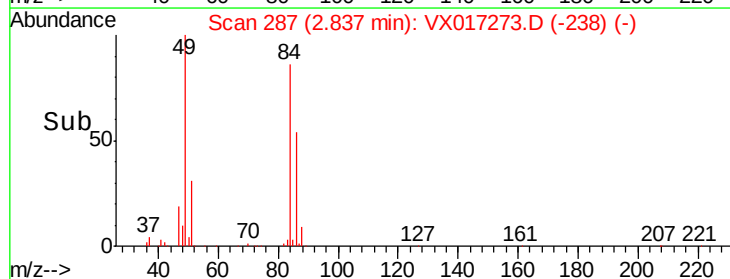
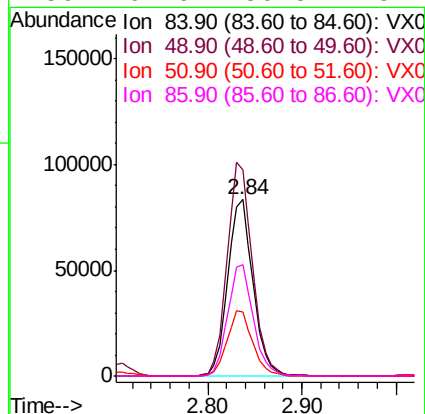
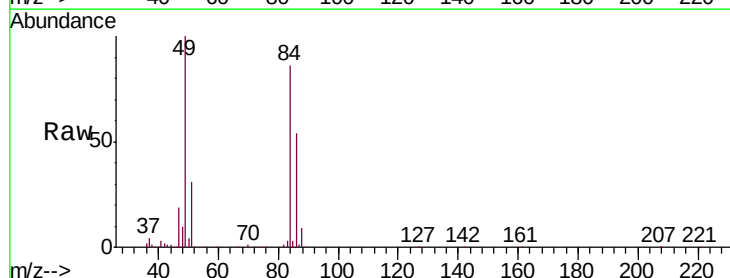
Ion Ratio Lower Upper

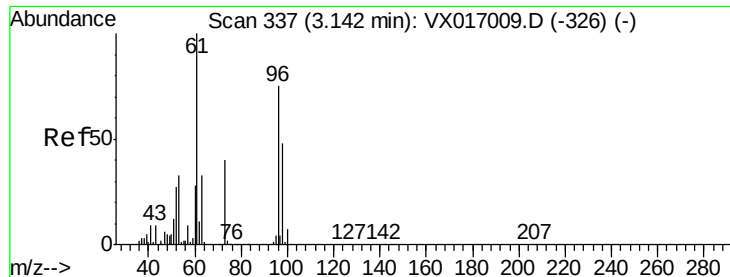
84 100

49 116.6 94.7 142.1

51 36.1 28.6 42.8

86 62.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 48.043 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

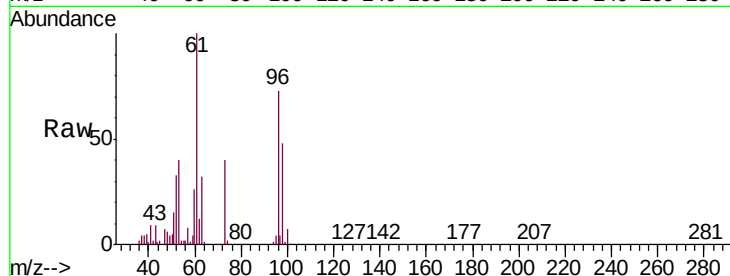
Tgt Ion: 96 Resp: 146226

Ion Ratio Lower Upper

96 100

61 137.7 107.0 160.6

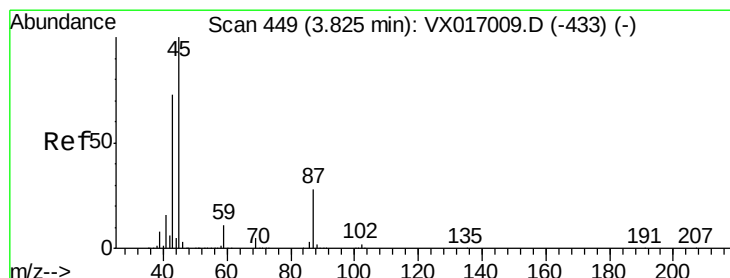
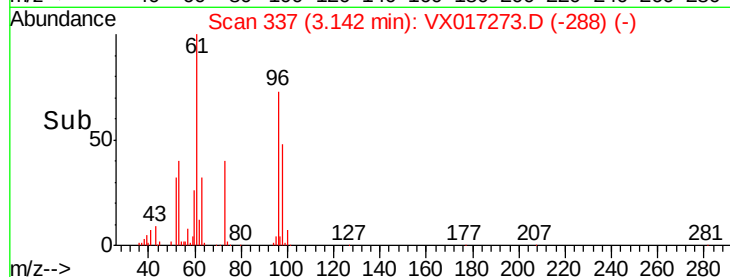
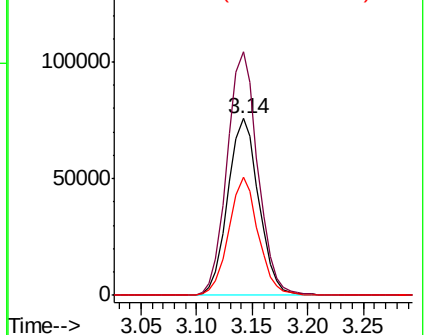
98 66.8 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.675 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion: 45 Resp: 475393

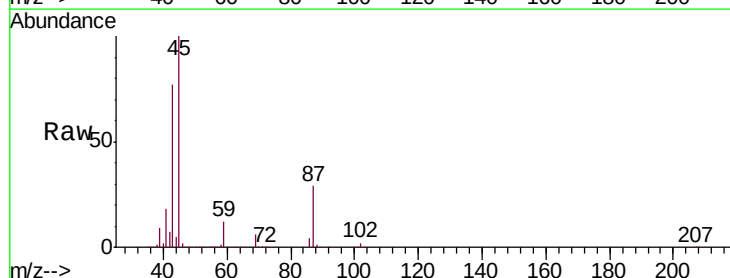
Ion Ratio Lower Upper

45 100

43 76.2 58.6 88.0

87 28.8 22.6 34.0

59 11.7 8.7 13.1

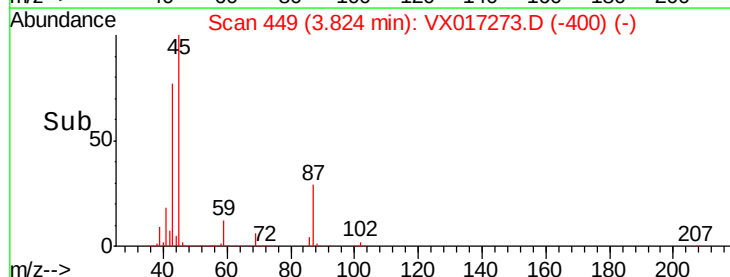
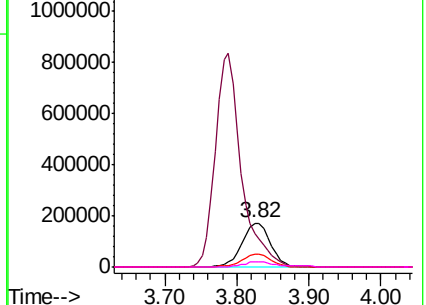


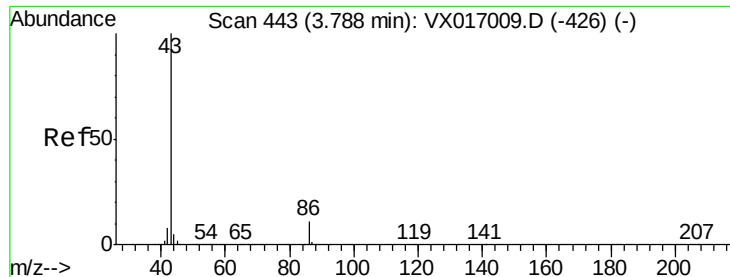
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.823 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

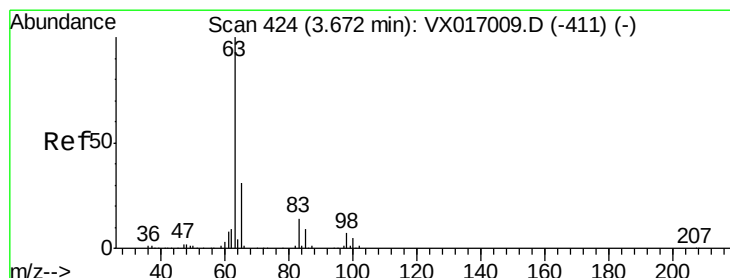
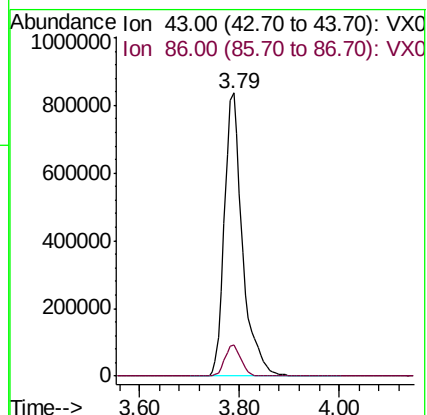
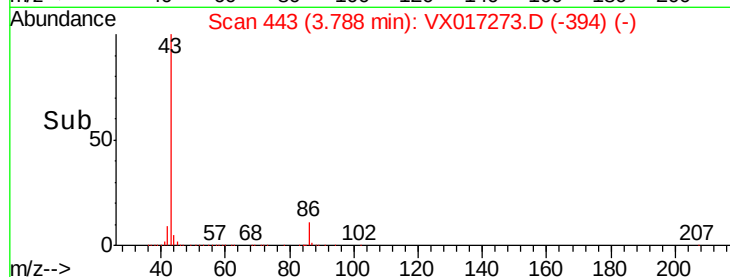
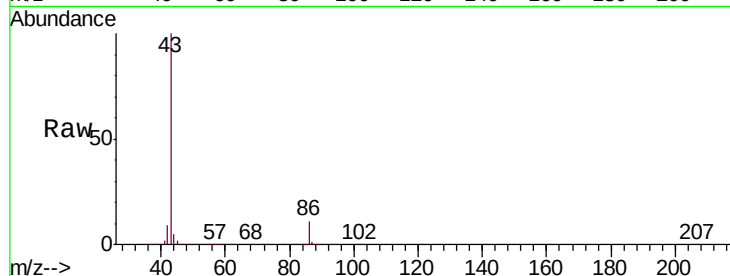
VSTDCCC050

Tgt Ion: 43 Resp: 2102575

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.415 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

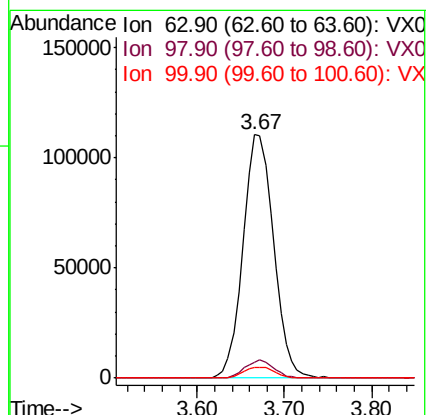
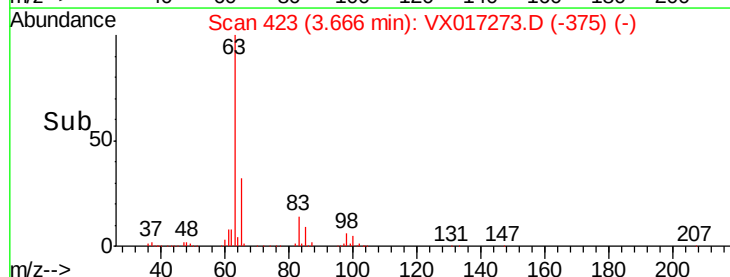
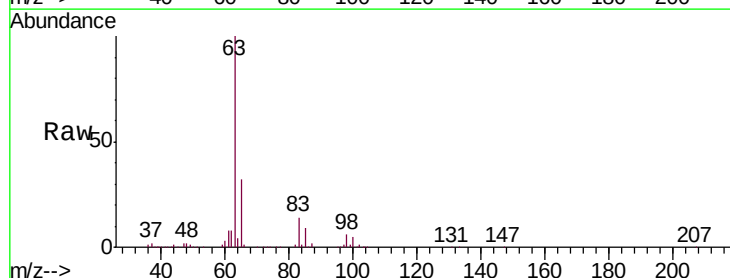
Tgt Ion: 63 Resp: 269105

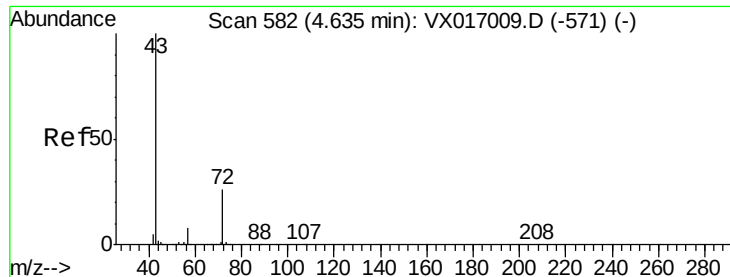
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 267.348 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

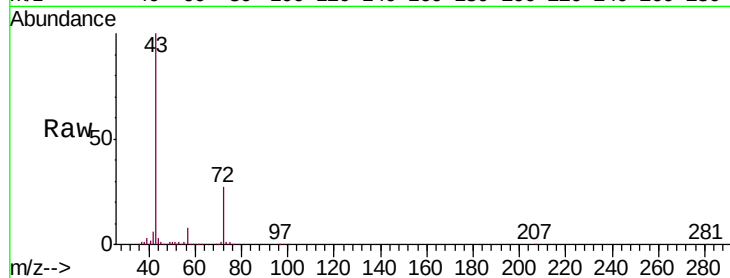
VSTDCCC050

Tgt Ion: 43 Resp: 569511

Ion Ratio Lower Upper

43 100

72 26.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

150000

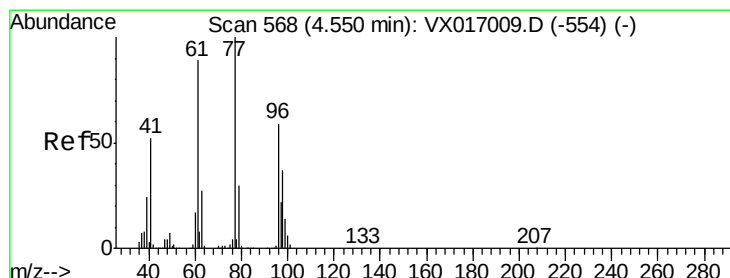
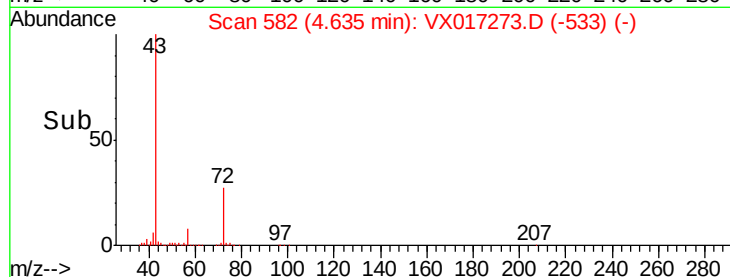
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 44.434 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017273.D

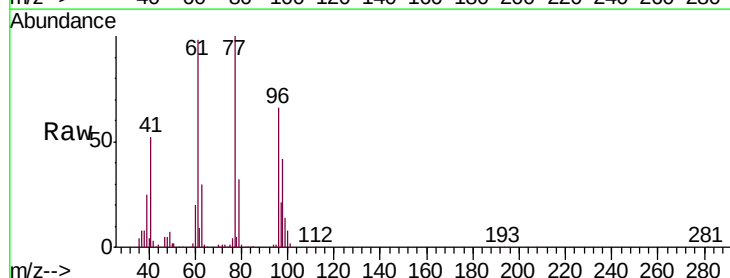
Acq: 08 Jul 2020 22:16

Tgt Ion: 77 Resp: 210594

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

80000

60000

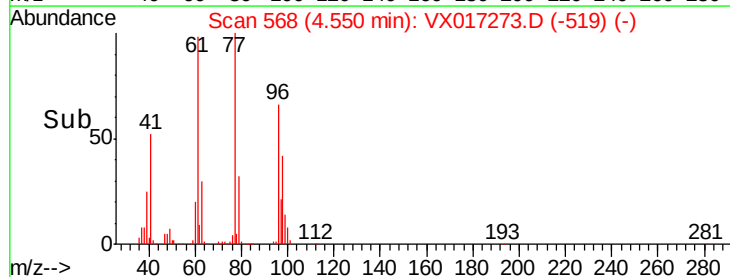
40000

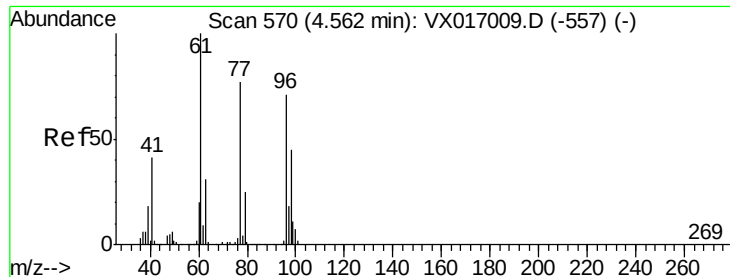
20000

0

4.40 4.50 4.60 4.70

Time-->



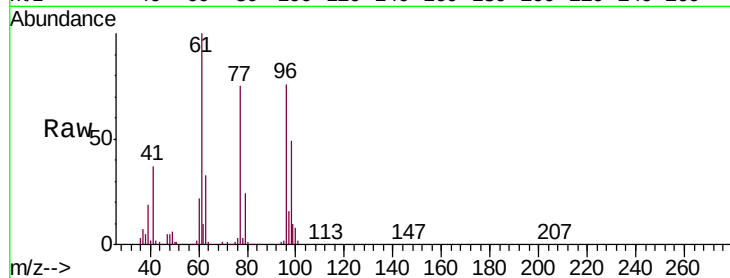


#27

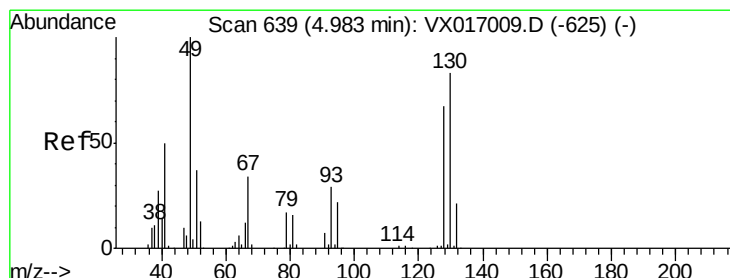
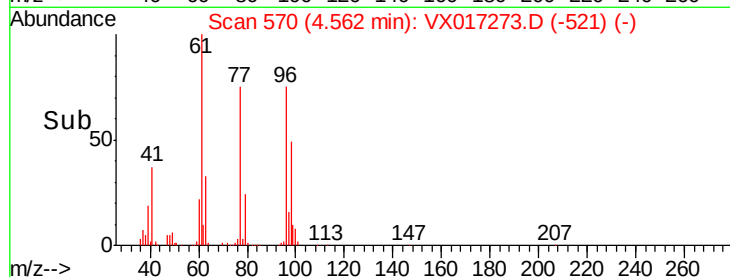
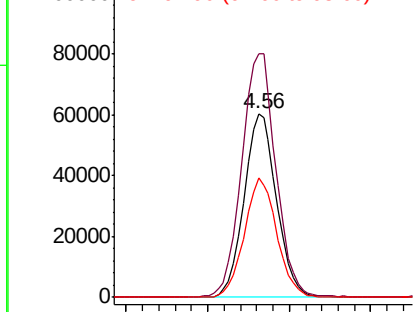
cis-1,2-Dichloroethene
Concen: 48.542 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 96 Resp: 167401
Ion Ratio Lower Upper
96 100
61 140.0 0.0 282.8
98 64.9 0.0 127.6



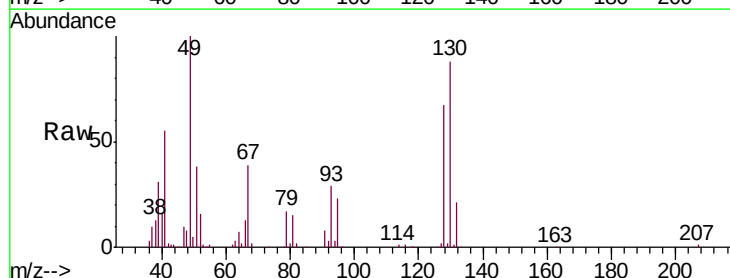
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



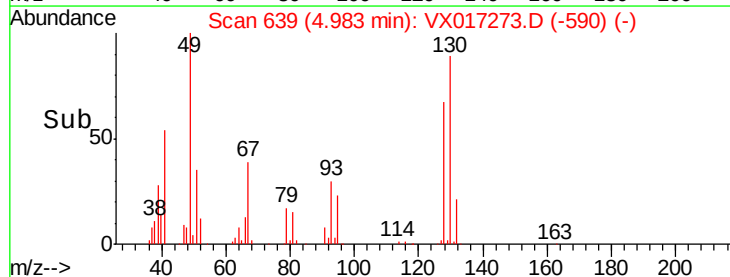
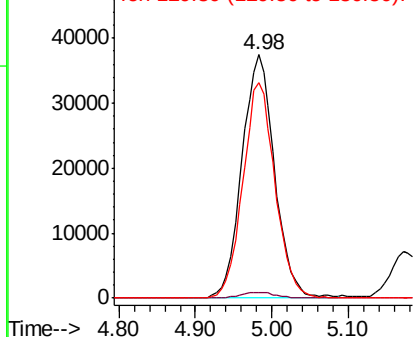
#28

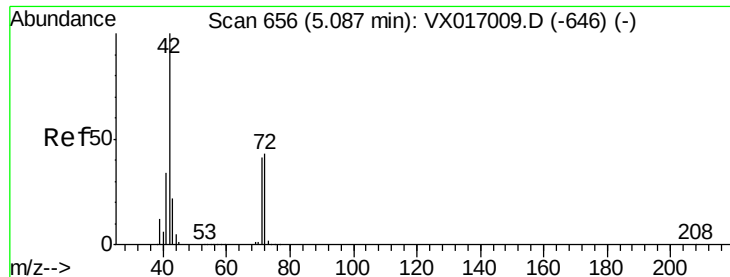
Bromochloromethane
Concen: 42.638 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 49 Resp: 110752
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 87.4 66.6 100.0



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

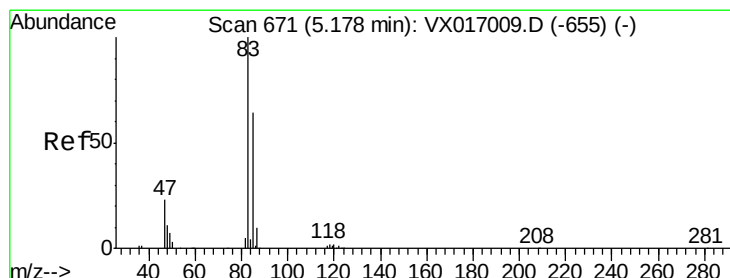
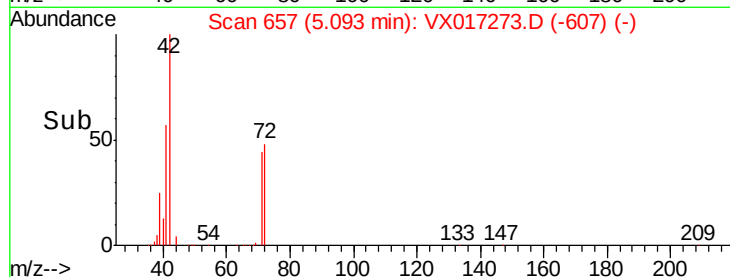
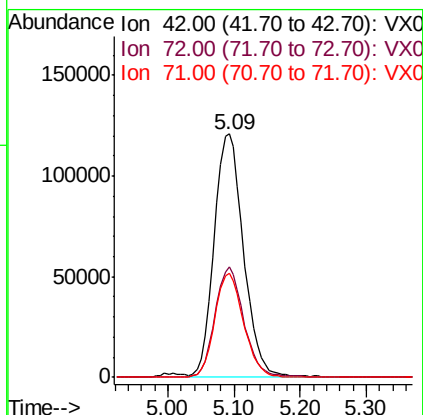
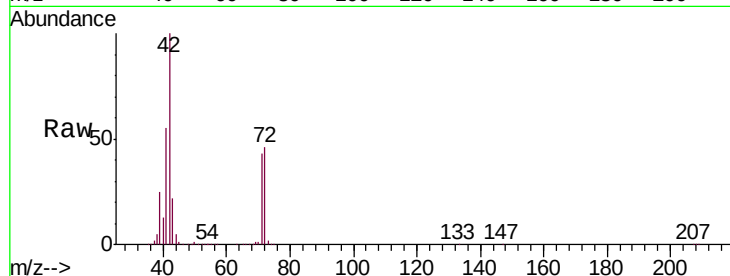




#29
Tetrahydrofuran
Concen: 263.049 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

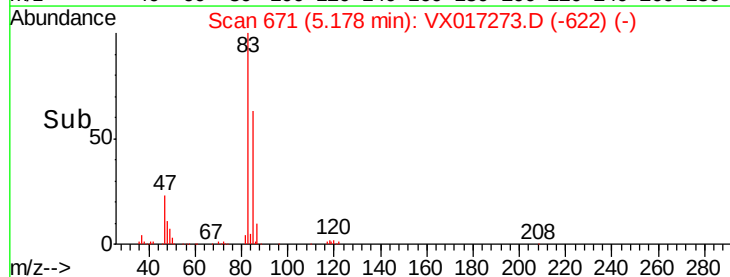
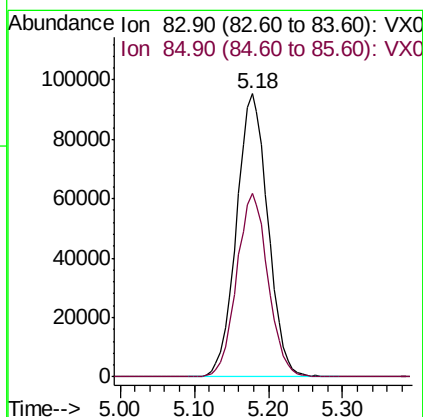
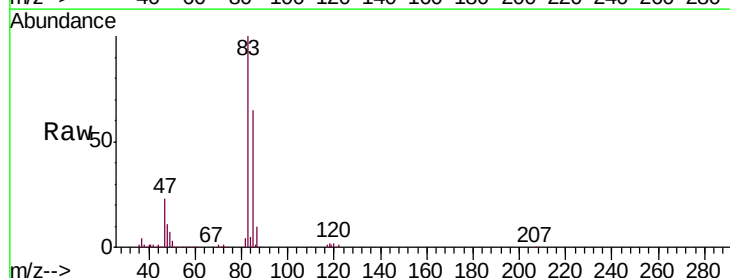
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

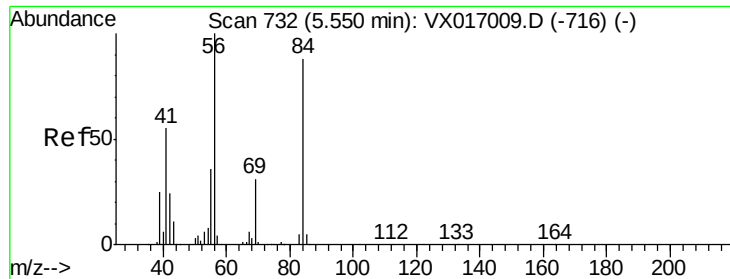
Tgt Ion: 42 Resp: 370237
Ion Ratio Lower Upper
42 100
72 45.0 35.3 52.9
71 42.0 33.1 49.7



#30
Chloroform
Concen: 51.705 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 83 Resp: 282919
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2

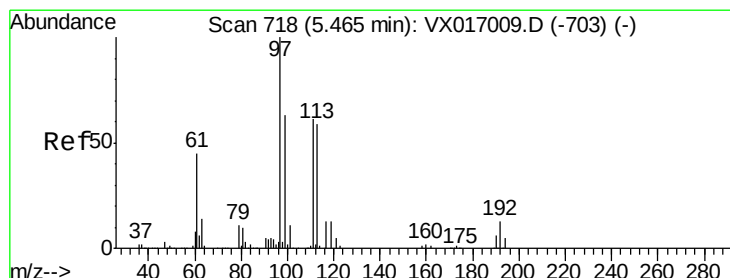
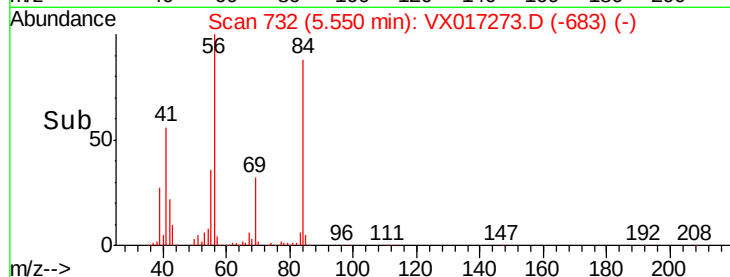
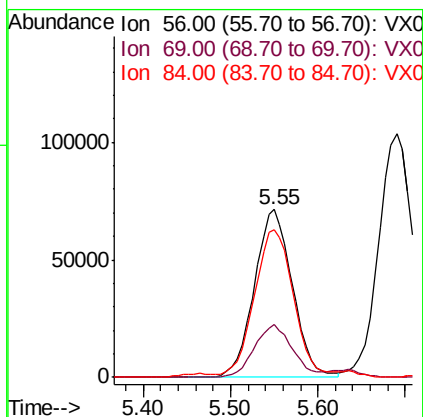
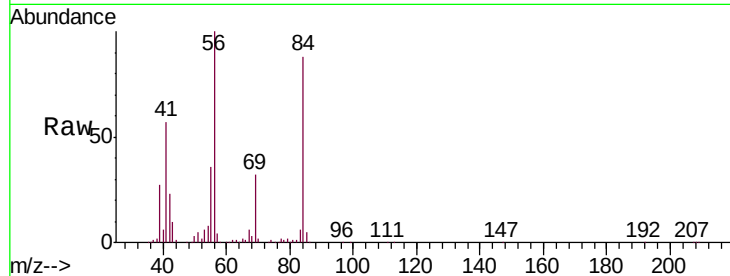




#31
Cyclohexane
Concen: 46.716 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

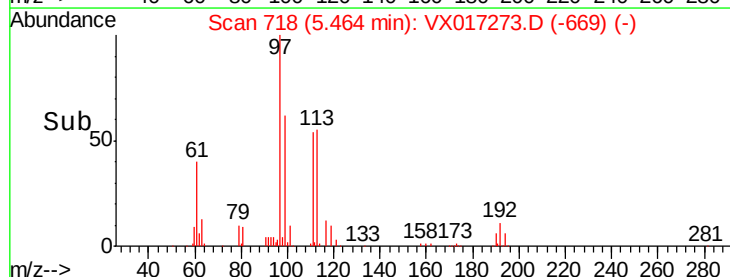
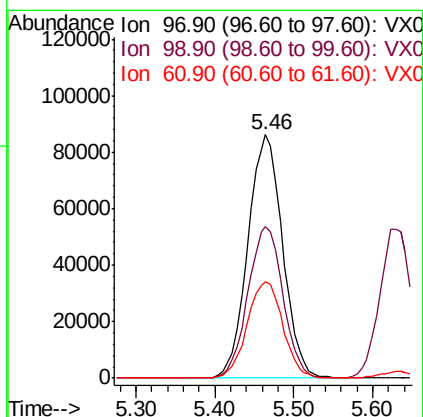
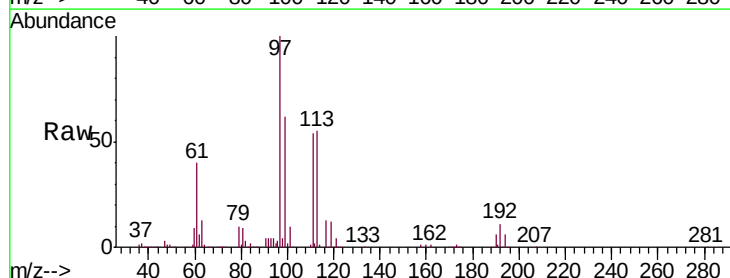
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

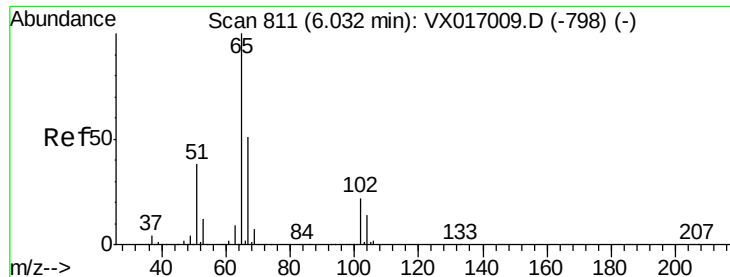
Tgt Ion: 56 Resp: 215541
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.4
84 85.9 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 52.222 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 97 Resp: 263160
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 40.9 33.7 50.5

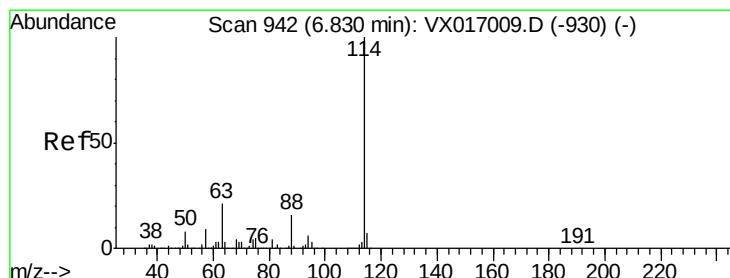
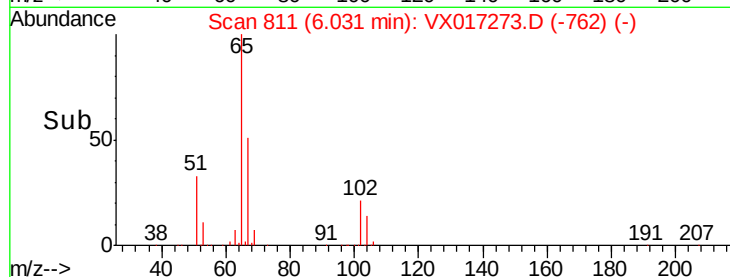
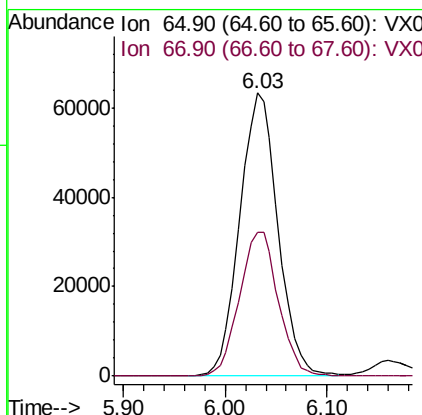
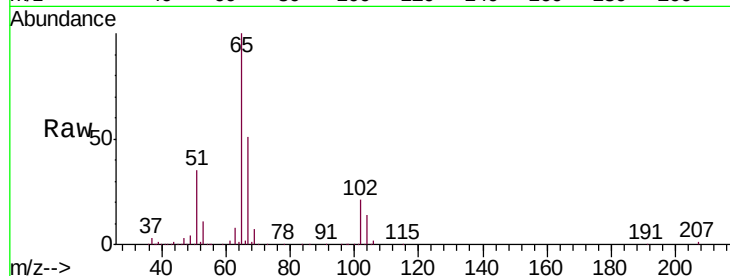




#33
 1,2-Dichloroethane-d4
 Concen: 48.100 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

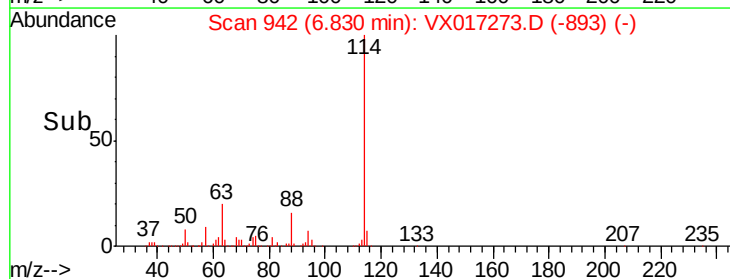
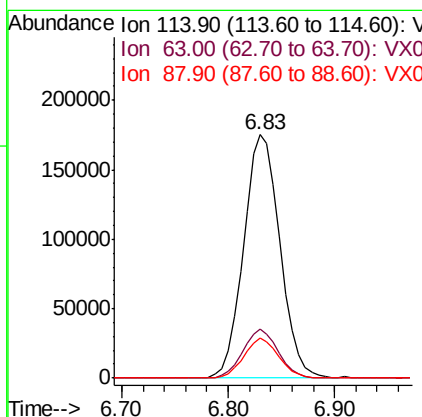
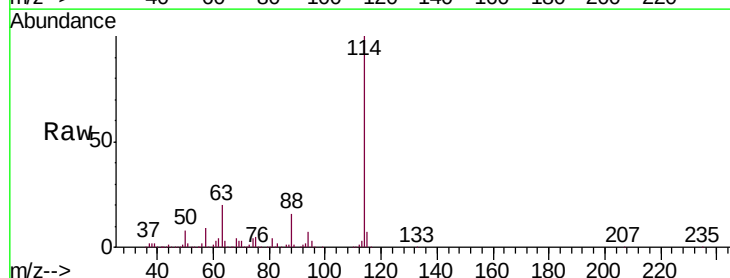
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

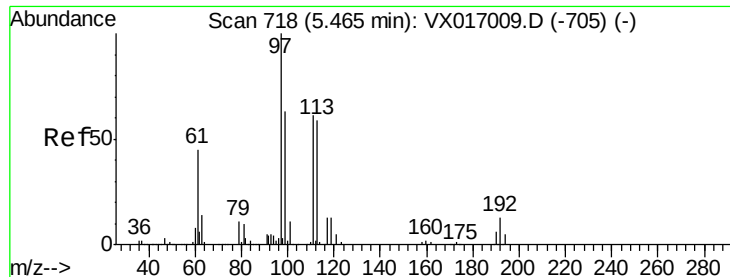
Tgt Ion: 65 Resp: 164381
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 114 Resp: 419426
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.441 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

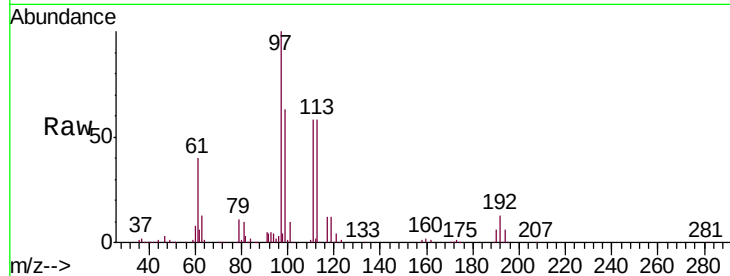
Tgt Ion:113 Resp: 136481

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

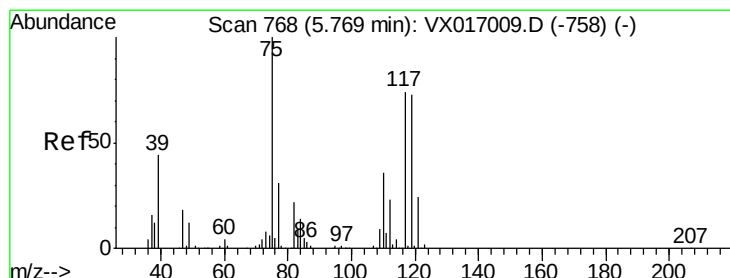
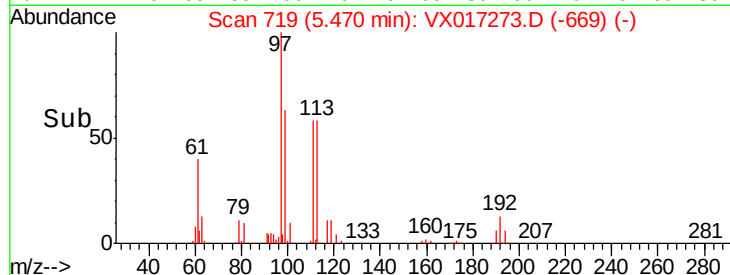
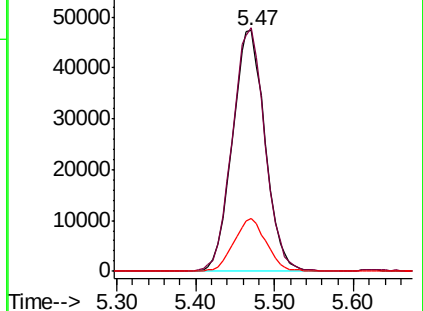
192 21.7 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.482 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

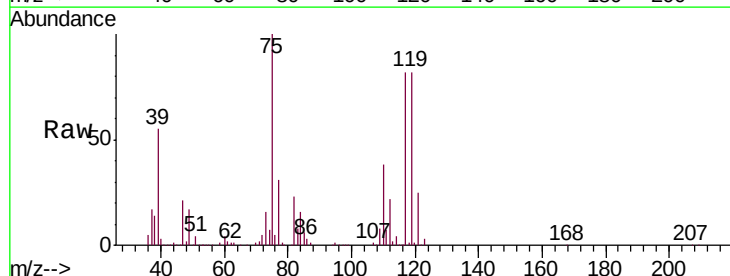
Tgt Ion: 75 Resp: 200115

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

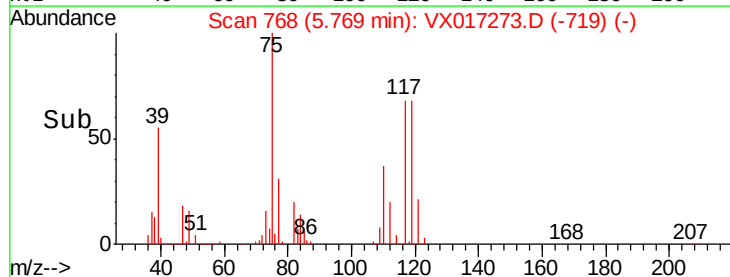
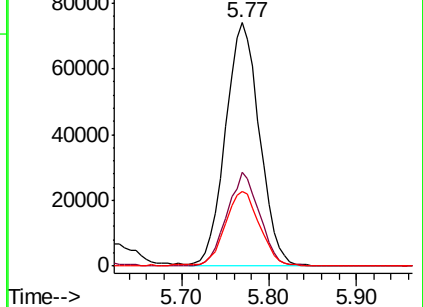
77 31.4 24.6 37.0

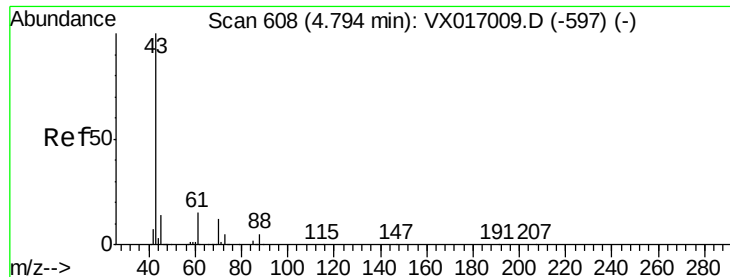


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

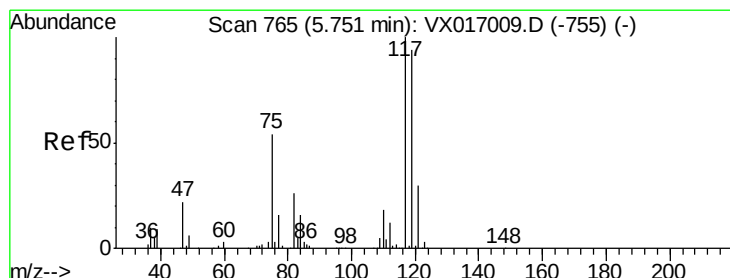
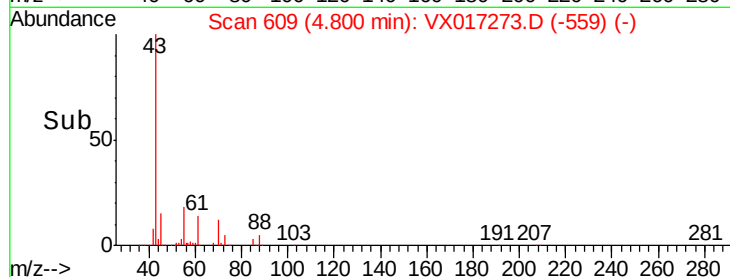
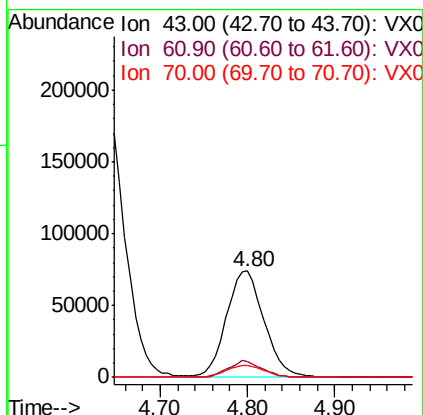
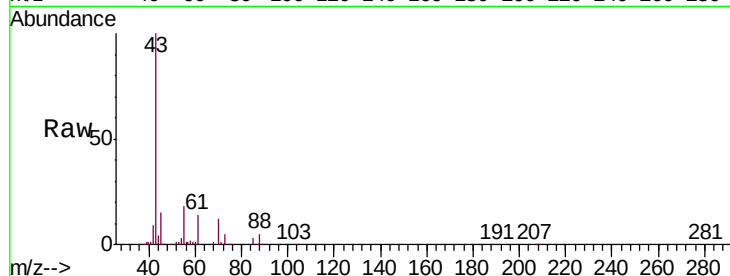




#37
Ethyl Acetate
Concen: 54.933 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

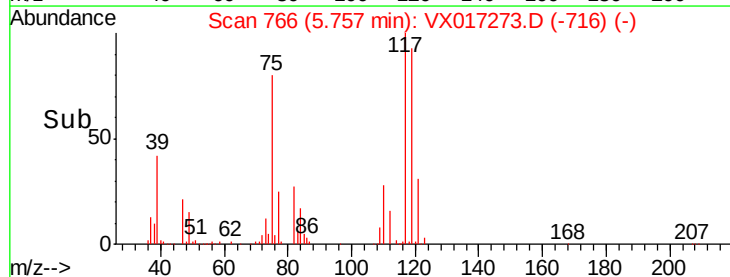
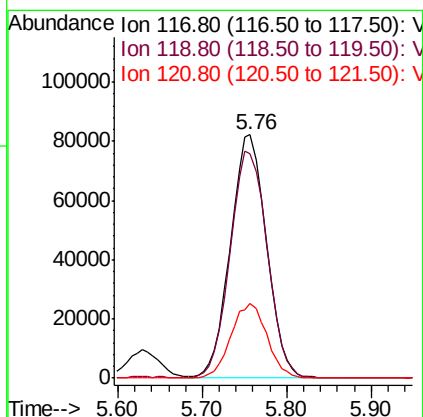
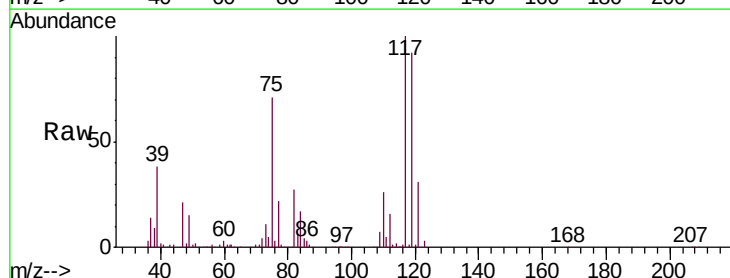
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

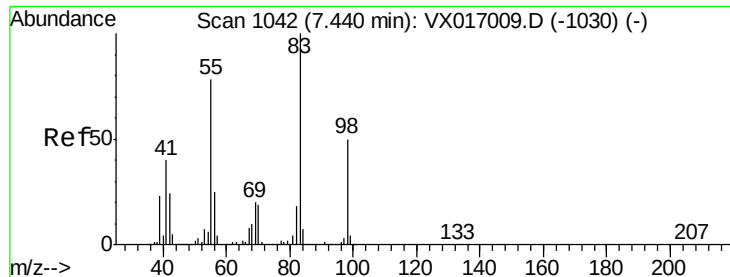
Tgt Ion: 43 Resp: 220943
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 54.808 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 117 Resp: 239302
Ion Ratio Lower Upper
117 100
119 92.2 75.4 113.0
121 30.6 23.8 35.6

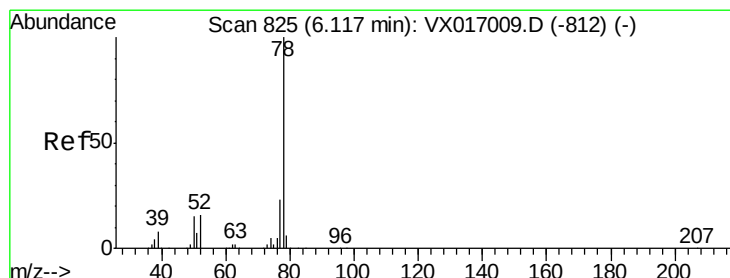
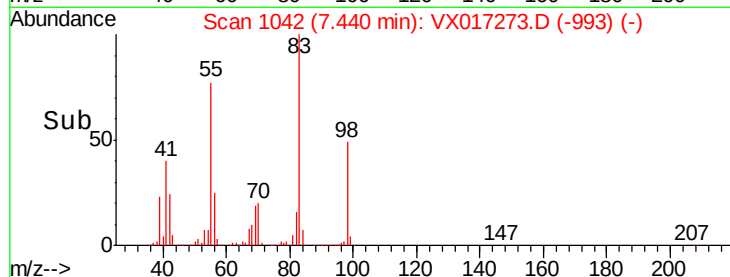
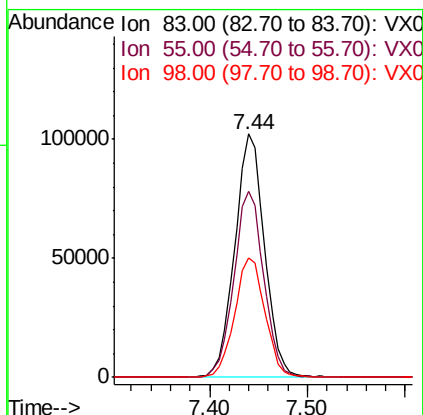
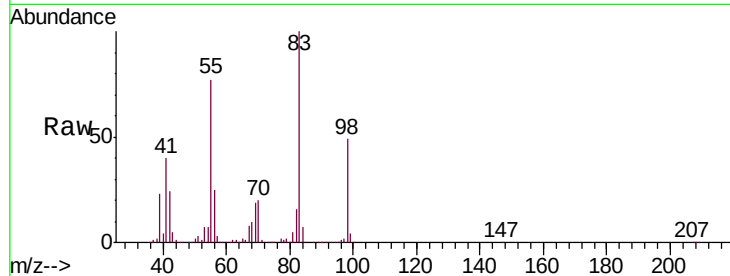




#39
Methylcyclohexane
Concen: 49.026 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

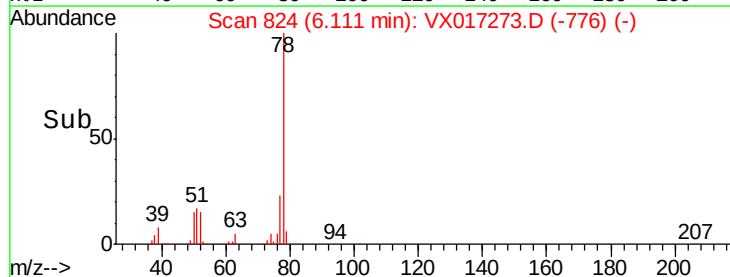
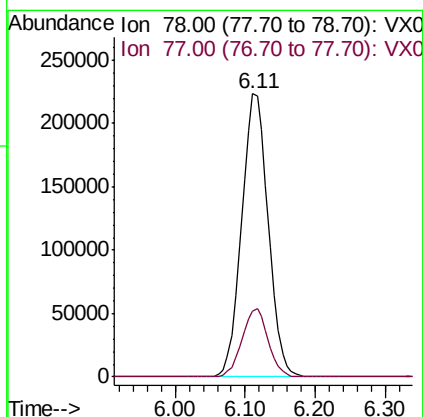
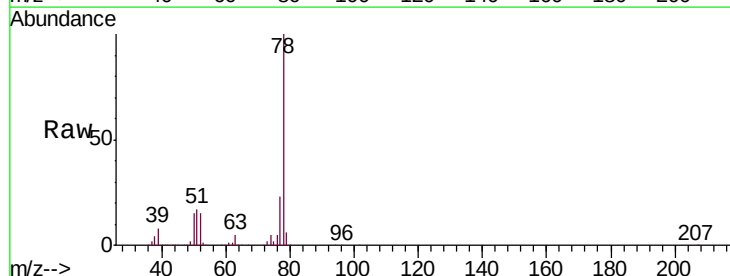
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

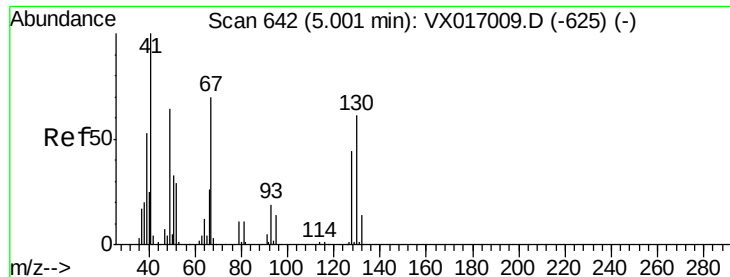
Tgt Ion: 83 Resp: 216230
Ion Ratio Lower Upper
83 100
55 76.4 62.5 93.7
98 49.0 40.1 60.1



#40
Benzene
Concen: 50.506 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 78 Resp: 588255
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5

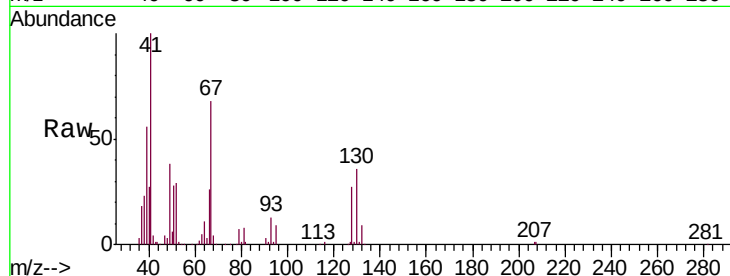




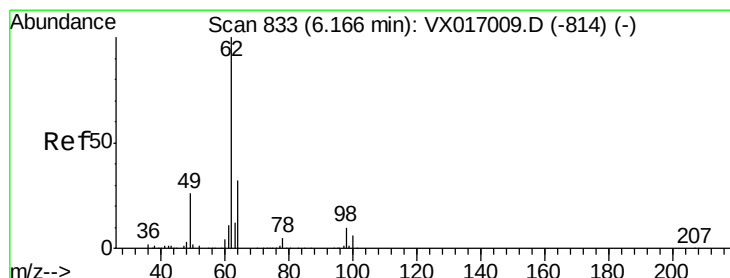
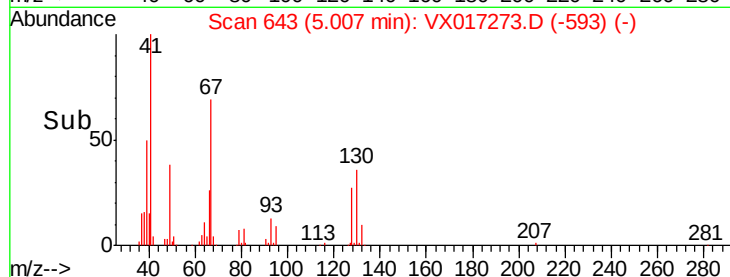
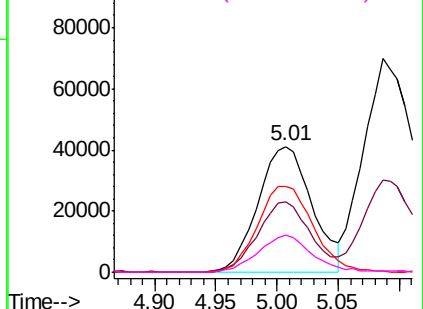
#41
Methacrylonitrile
Concen: 56.114 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	127024
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	70.1	57.1	85.7
52	29.6	23.2	34.8

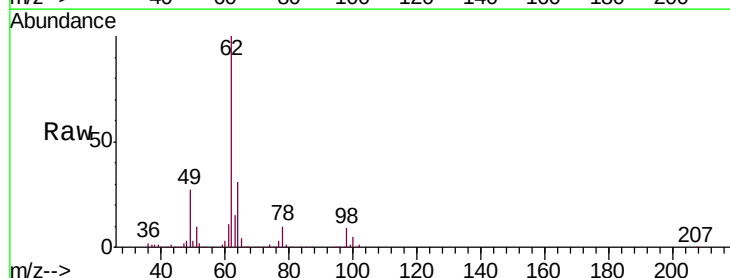


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

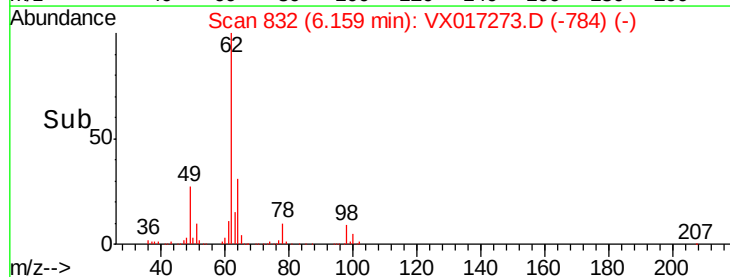
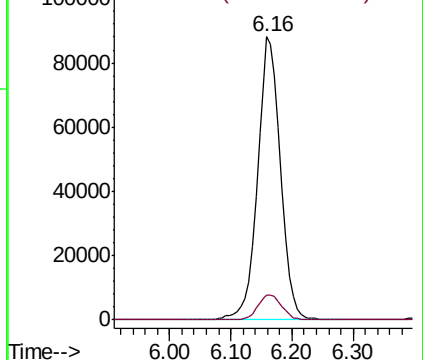


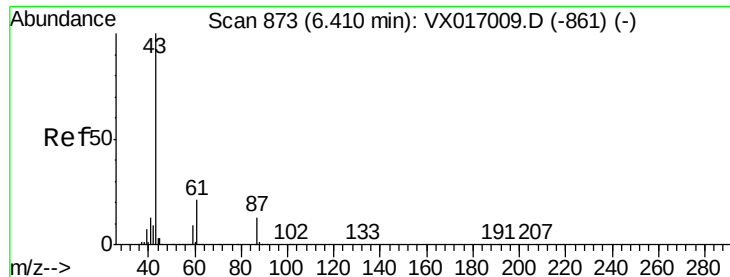
#42
1,2-Dichloroethane
Concen: 55.008 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion:	62	Resp:	231422
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 53.464 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

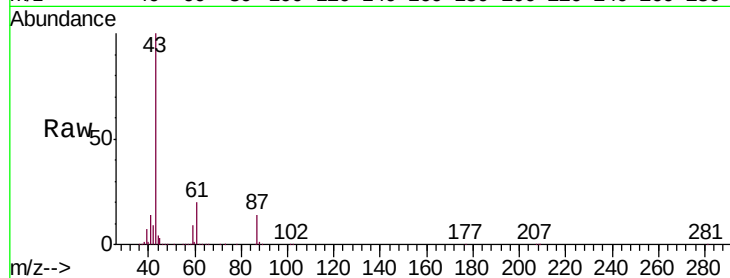
Tgt Ion: 43 Resp: 357323

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.2

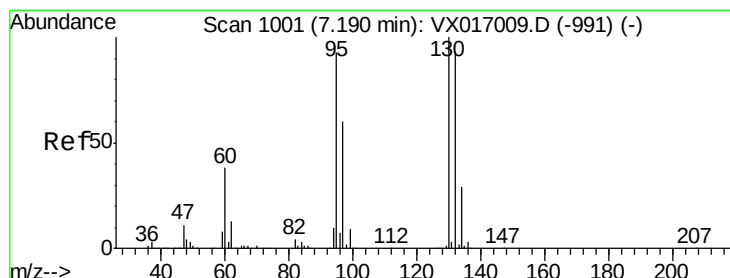
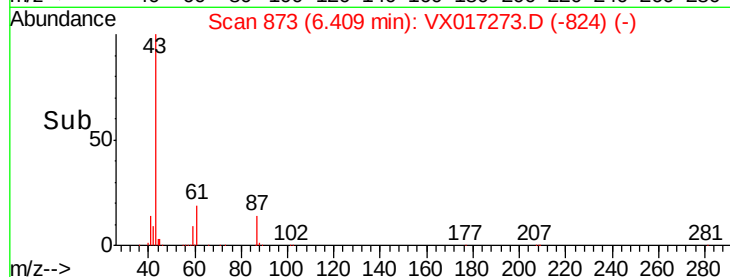
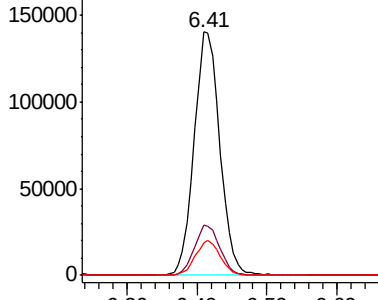
87 13.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.867 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017273.D

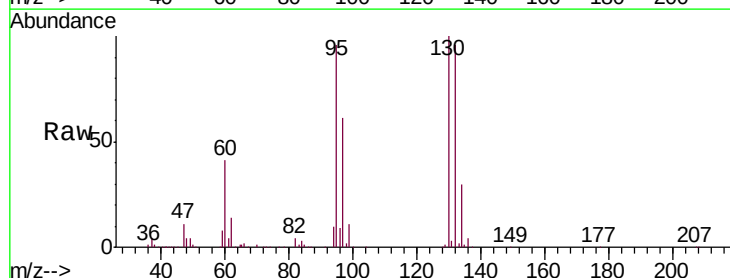
Acq: 08 Jul 2020 22:16

Tgt Ion: 130 Resp: 173051

Ion Ratio Lower Upper

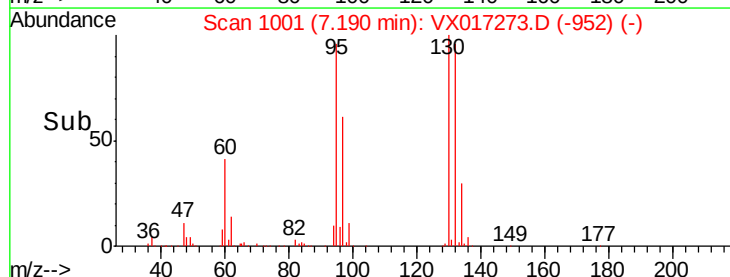
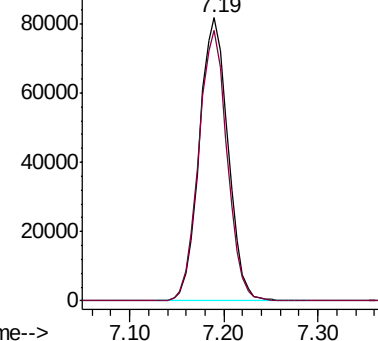
130 100

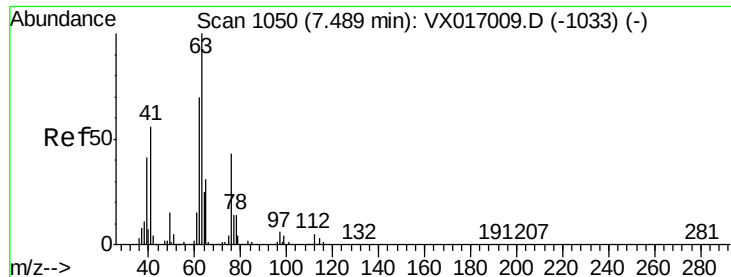
95 95.7 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

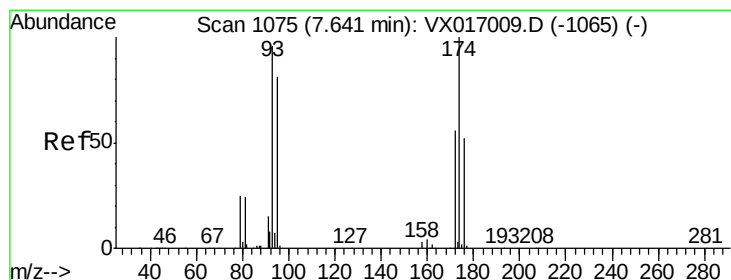
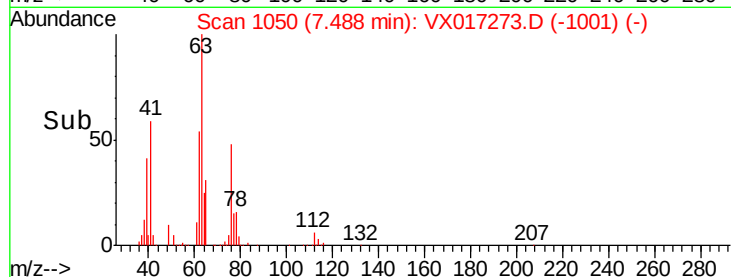
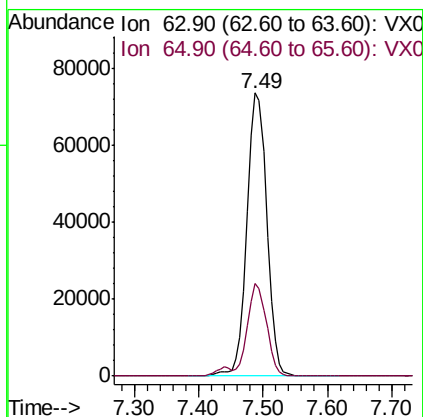
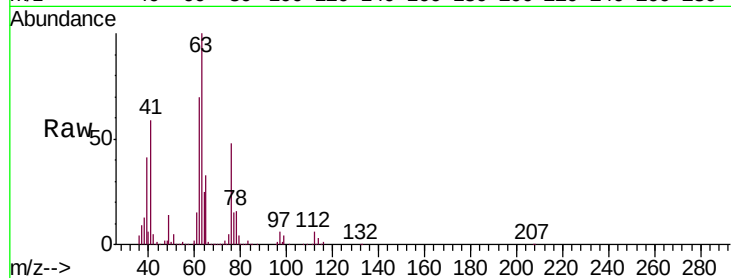




#45
 1,2-Dichloropropane
 Concen: 51.962 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

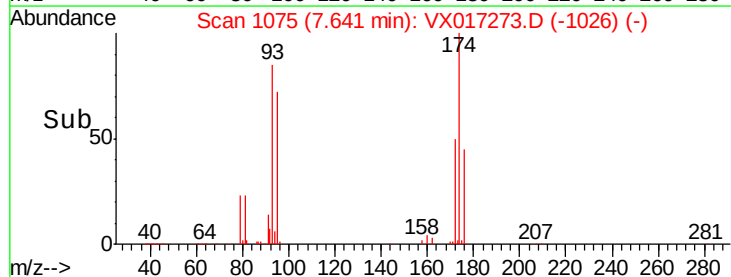
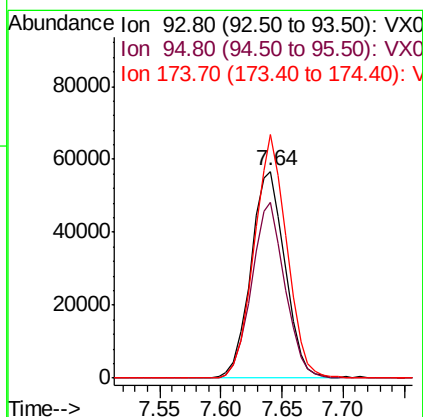
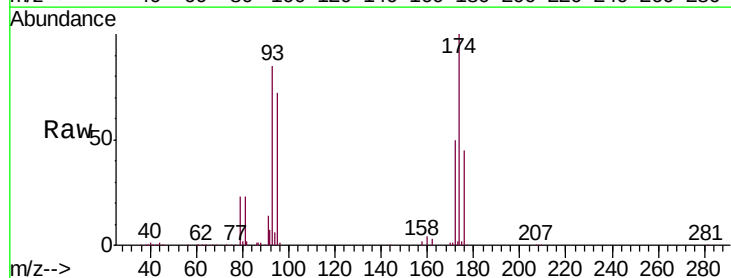
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

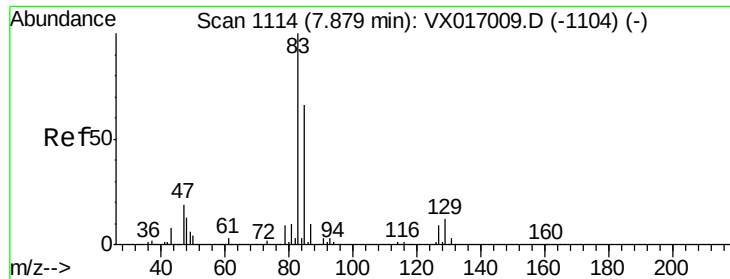
Tgt Ion: 63 Resp: 155443
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.6 36.8



#46
 Dibromomethane
 Concen: 54.046 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 93 Resp: 110381
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.4 101.0
 174 112.6 84.3 126.5





#47

Bromodichloromethane

Concen: 55.578 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

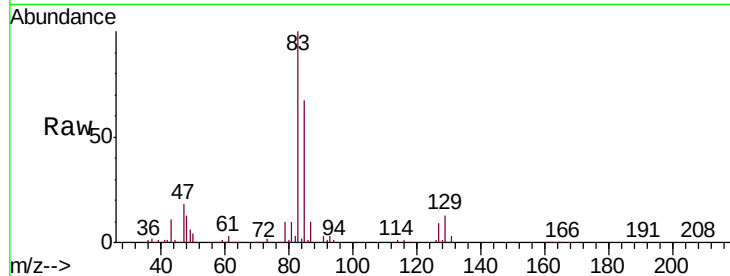
Tgt Ion: 83 Resp: 233923

Ion Ratio Lower Upper

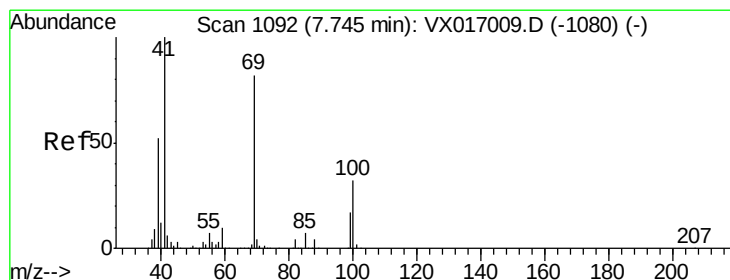
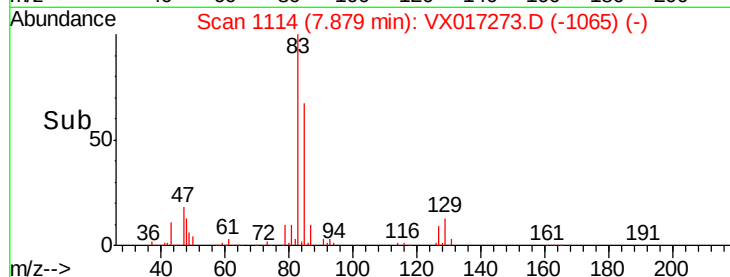
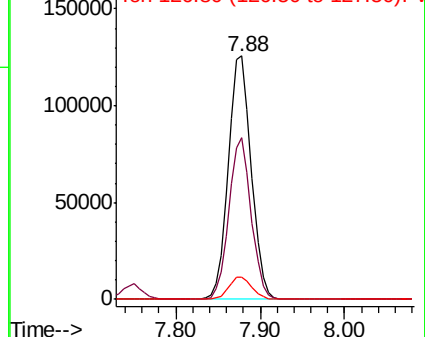
83 100

85 66.7 53.0 79.4

127 9.4 7.5 11.3



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: 56.540 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

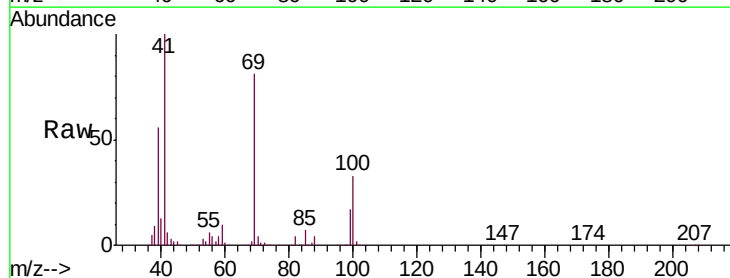
Tgt Ion: 41 Resp: 179529

Ion Ratio Lower Upper

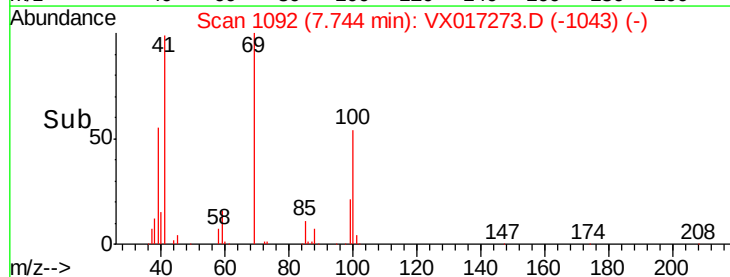
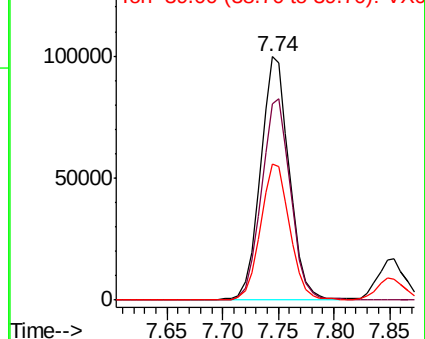
41 100

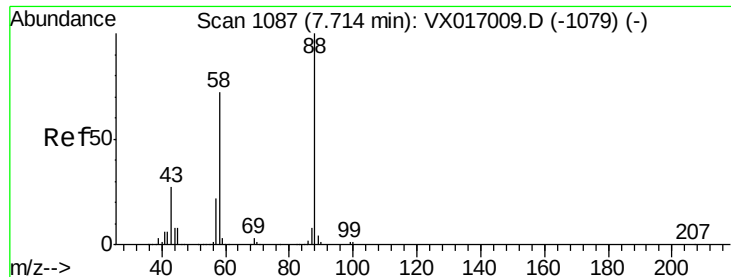
69 83.9 65.8 98.8

39 56.6 42.5 63.7



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

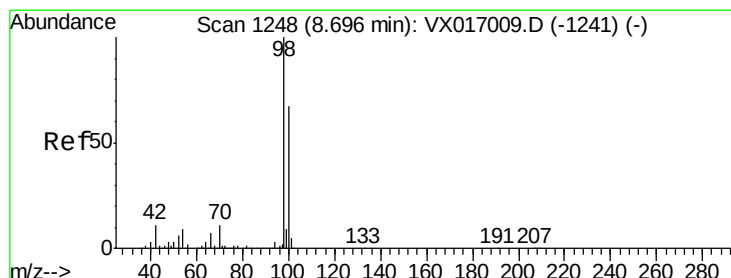
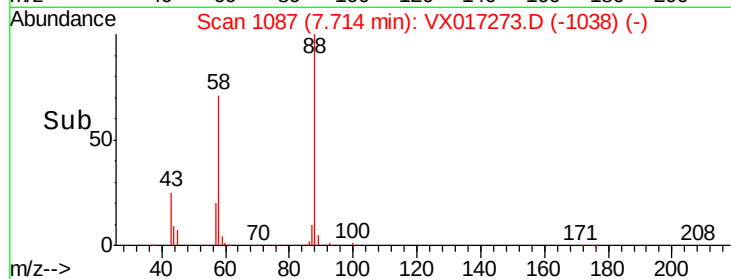
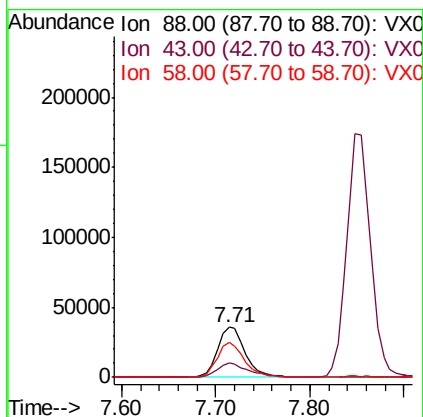
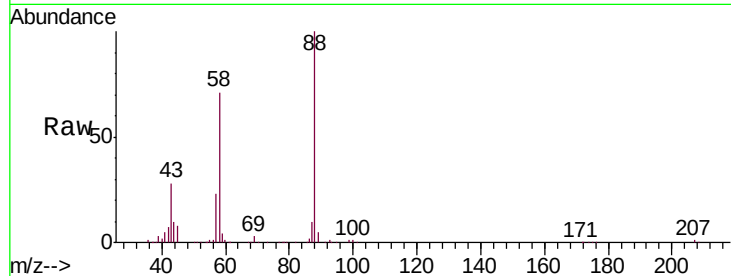




#49
1,4-Dioxane
Concen: 1006.599 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

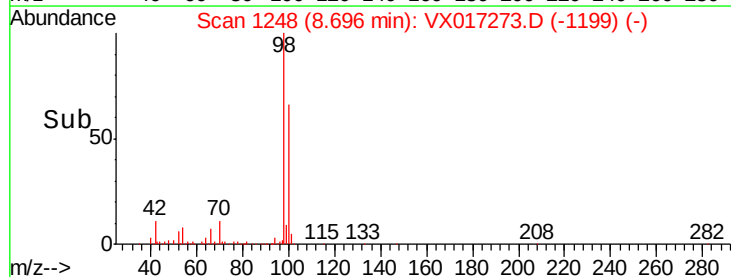
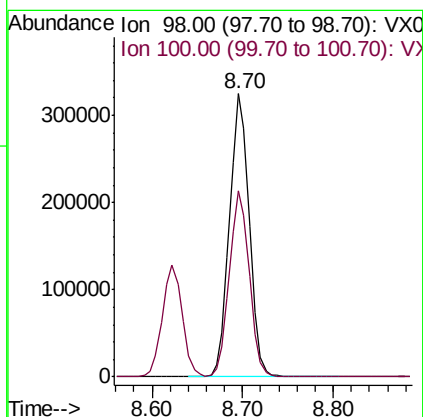
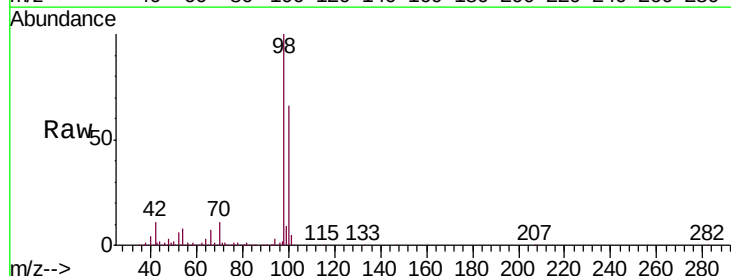
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

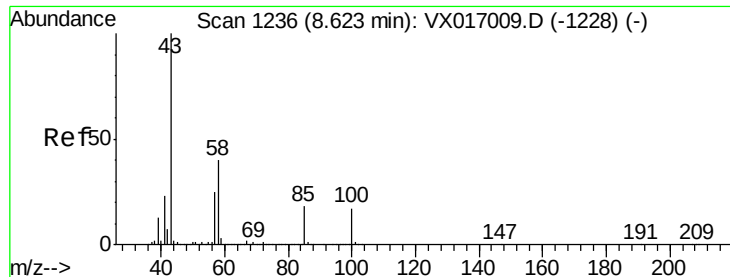
Tgt Ion: 88 Resp: 72409
Ion Ratio Lower Upper
88 100
43 32.9 25.8 38.8
58 69.7 54.8 82.2



#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 98 Resp: 490244
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

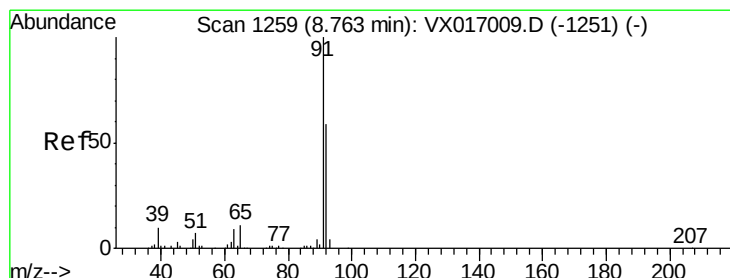
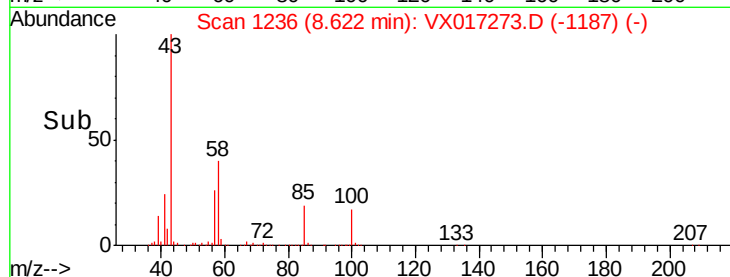
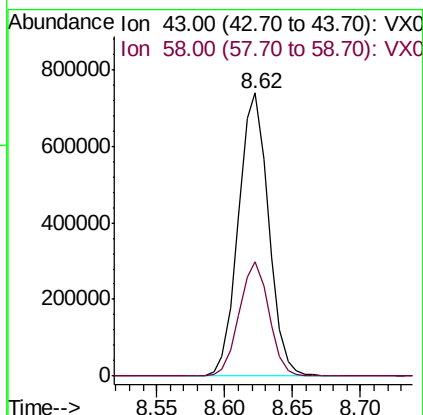
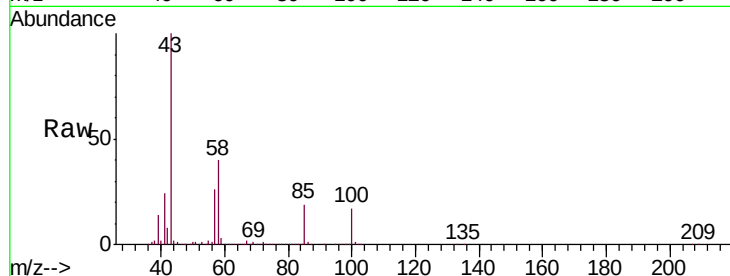




#51
 4-Methyl-2-Pentanone
 Concen: 287.829 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

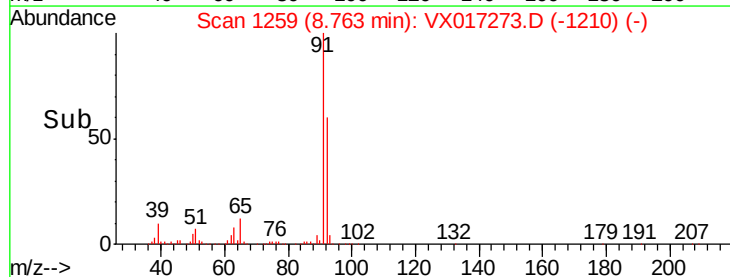
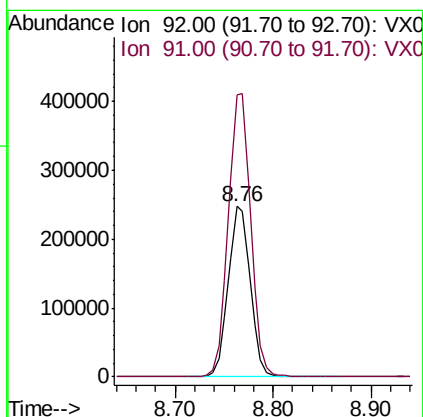
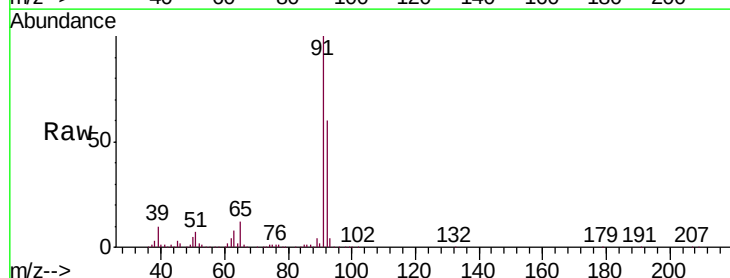
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

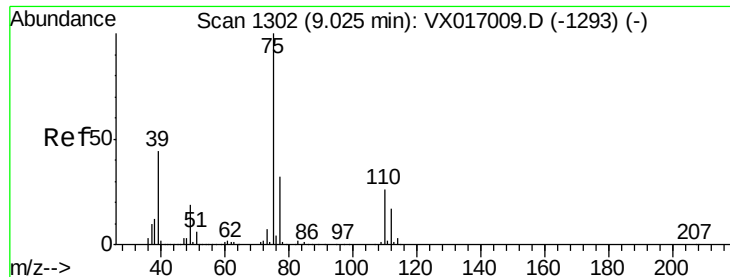
Tgt Ion: 43 Resp: 1146700
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9



#52
 Toluene
 Concen: 53.311 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 92 Resp: 387666
 Ion Ratio Lower Upper
 92 100
 91 168.8 136.9 205.3

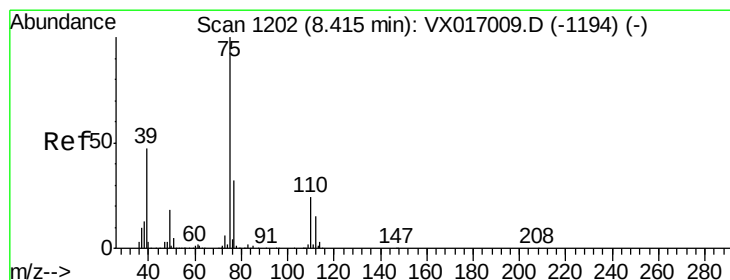
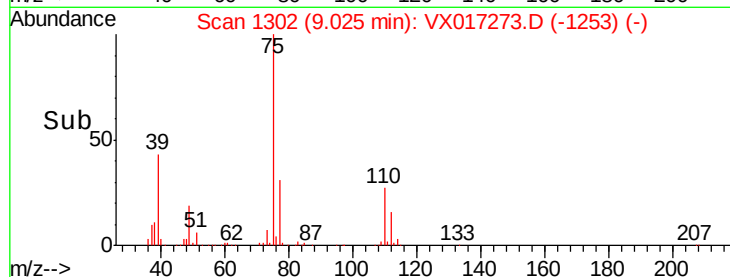
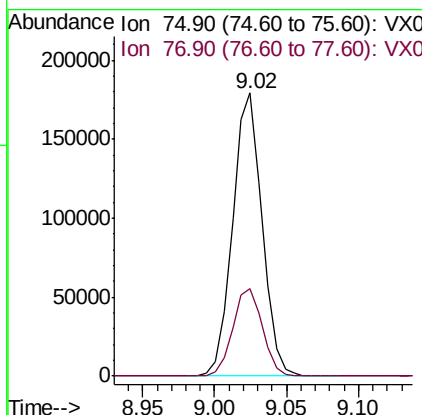
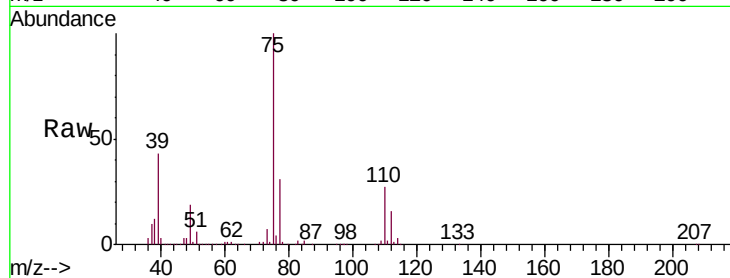




#53
 t-1,3-Dichloropropene
 Concen: 55.094 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

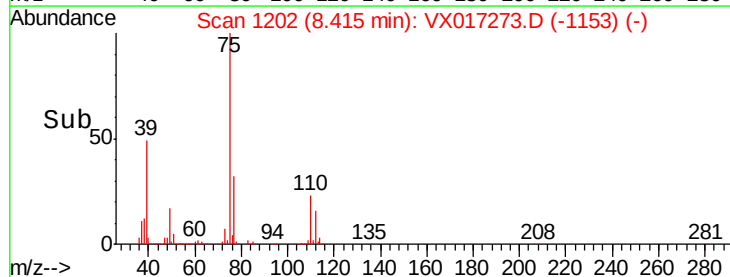
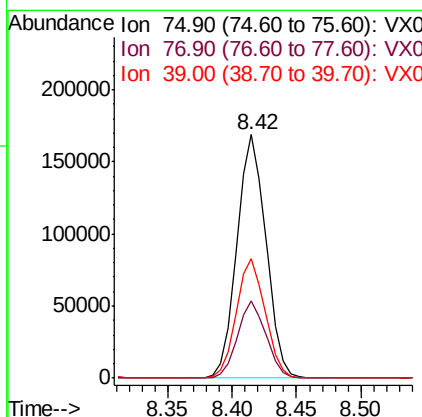
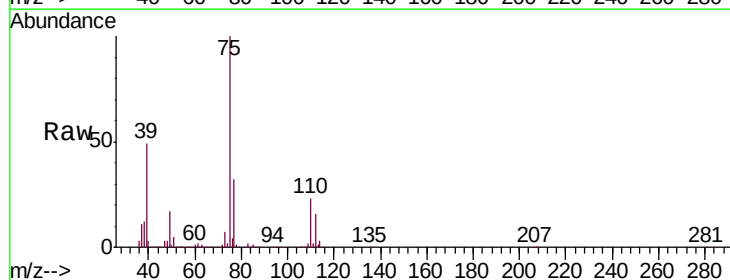
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

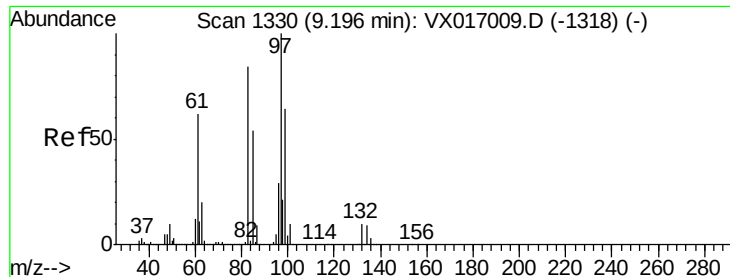
Tgt Ion: 75 Resp: 255845
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.998 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 75 Resp: 263832
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 48.9 37.4 56.2

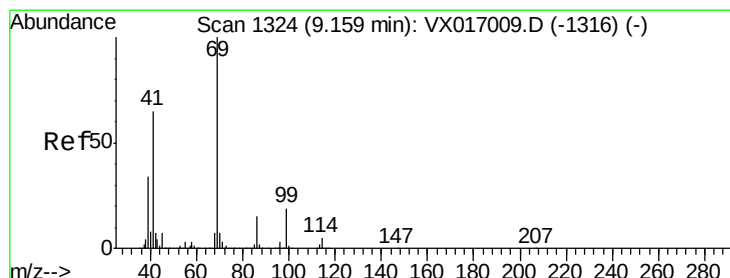
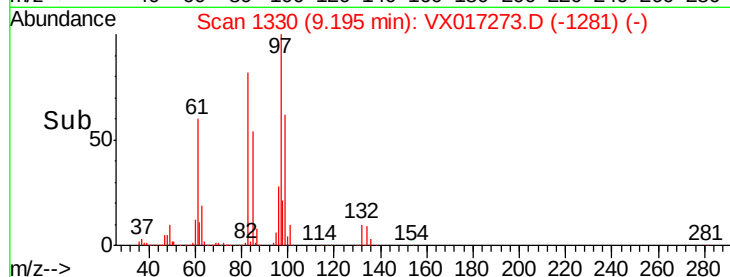
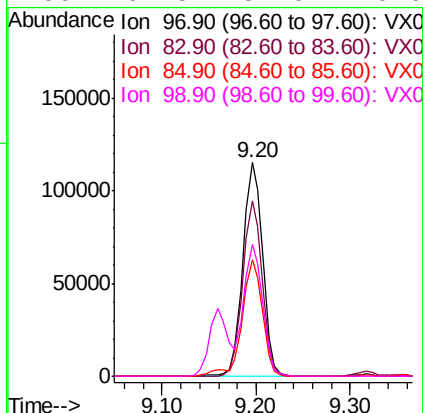
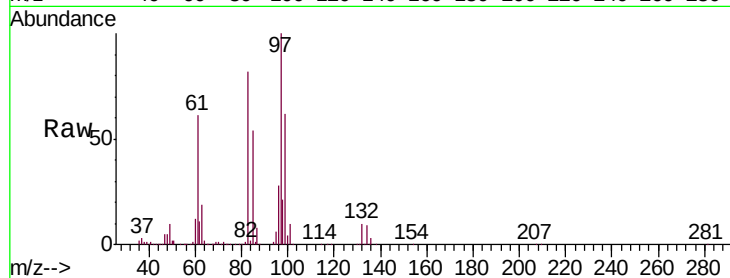




#55
 1,1,2-Trichloroethane
 Concen: 56.679 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

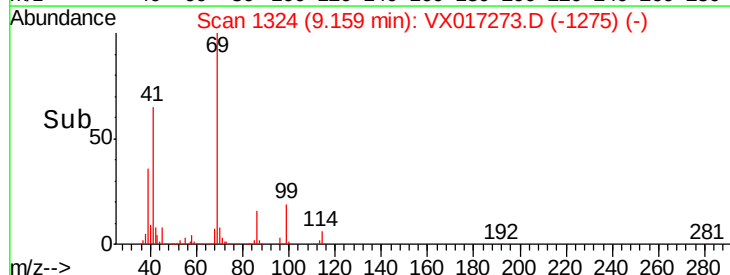
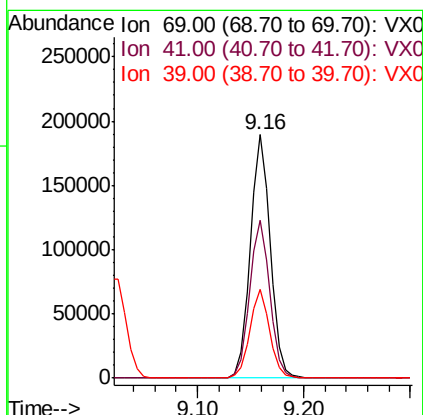
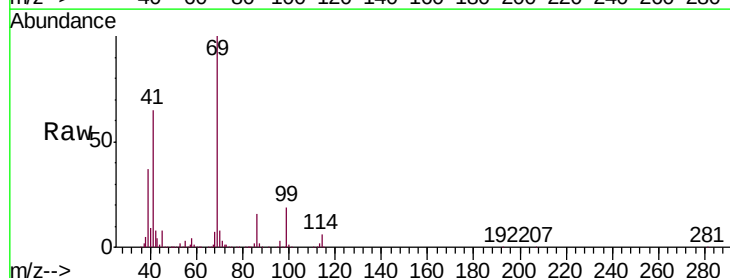
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

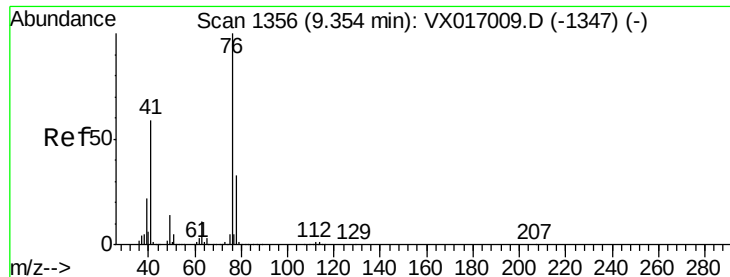
Tgt Ion:	97	Resp:	168397
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.0	100.6
85	54.3	43.5	65.3
99	61.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 58.963 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion:	69	Resp:	249341
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.6	80.4
39	36.0	28.2	42.2





#57

1,3-Dichloropropane

Concen: 54.209 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

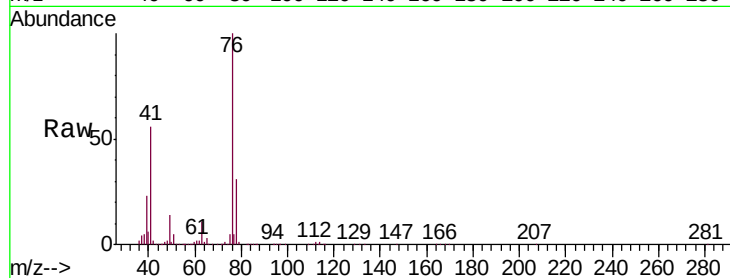
VSTDCCC050

Tgt Ion: 76 Resp: 272528

Ion Ratio Lower Upper

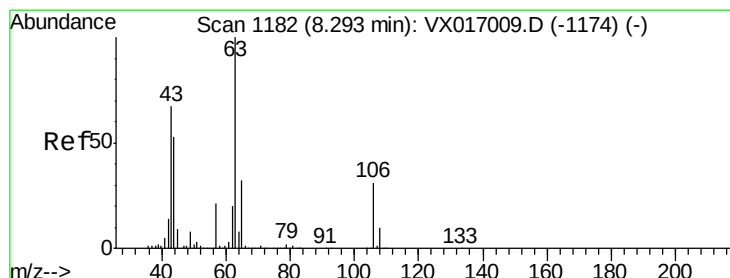
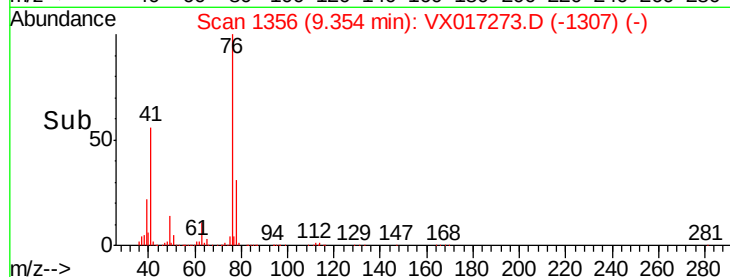
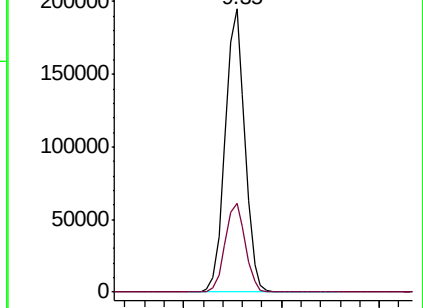
76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.593 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017273.D

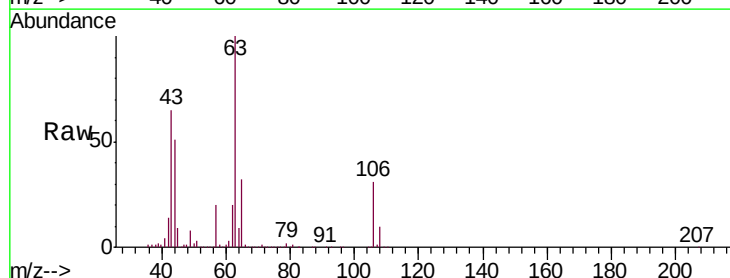
Acq: 08 Jul 2020 22:16

Tgt Ion: 63 Resp: 571601

Ion Ratio Lower Upper

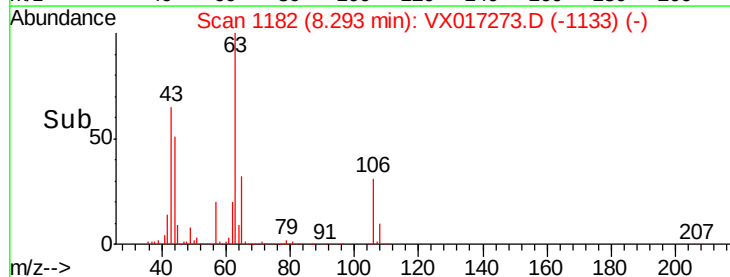
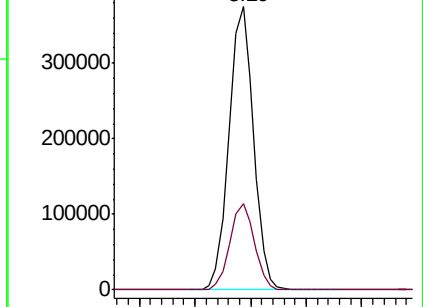
63 100

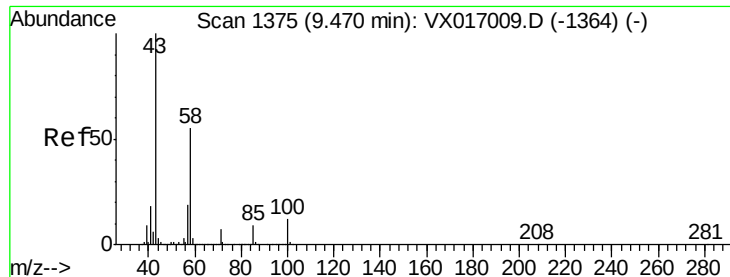
106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

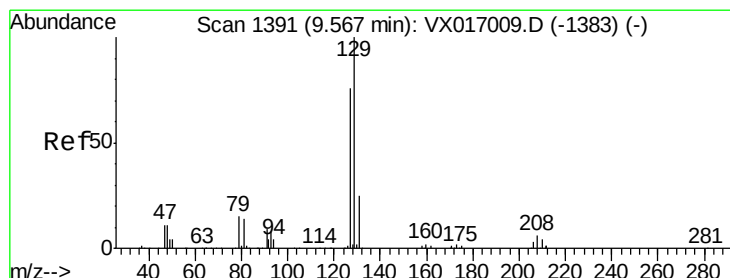
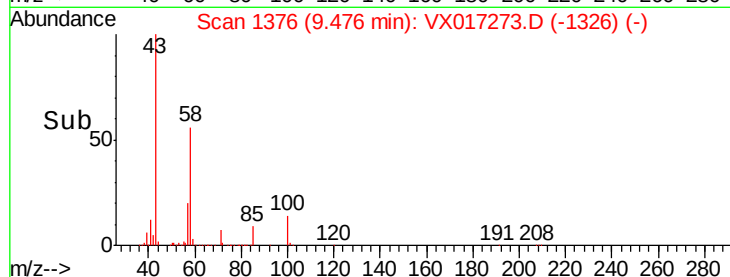
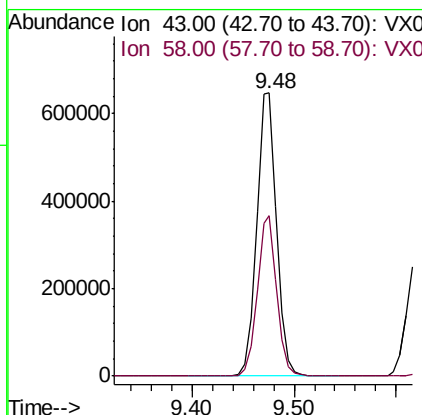
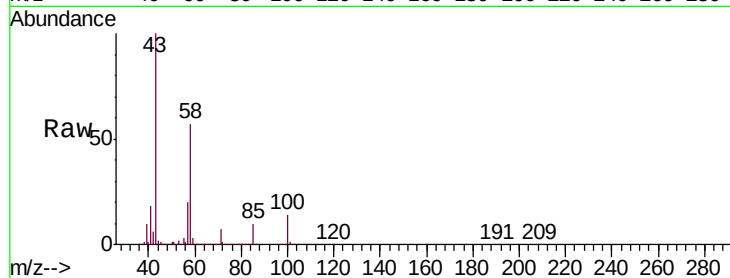




#59
2-Hexanone
Concen: 304.774 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

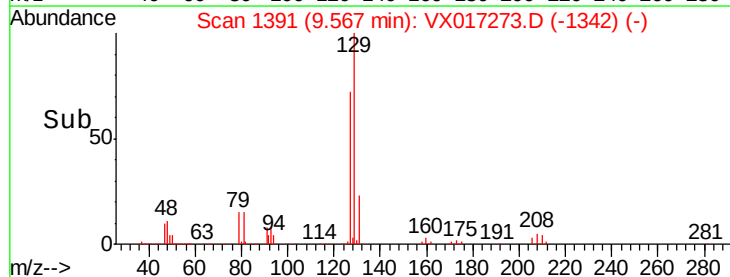
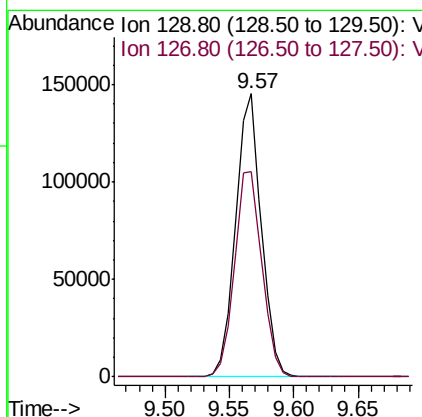
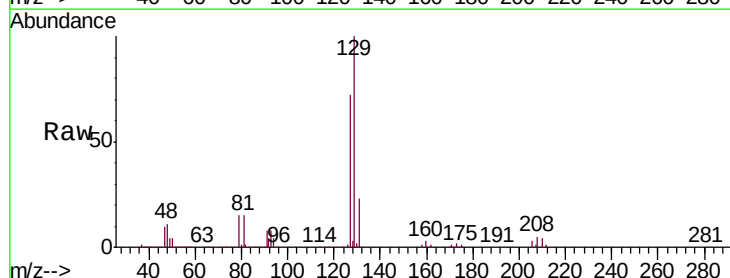
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

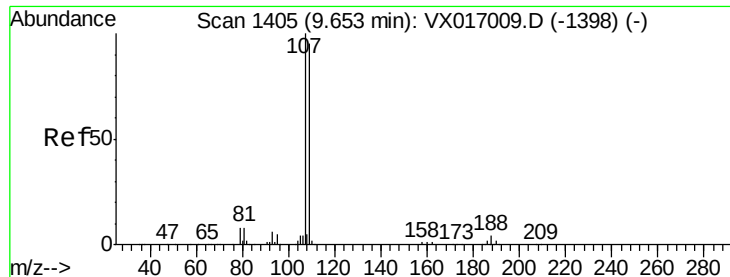
Tgt Ion: 43 Resp: 886776
Ion Ratio Lower Upper
43 100
58 55.3 27.9 83.6



#60
Dibromochloromethane
Concen: 58.383 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 129 Resp: 201465
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 55.706 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

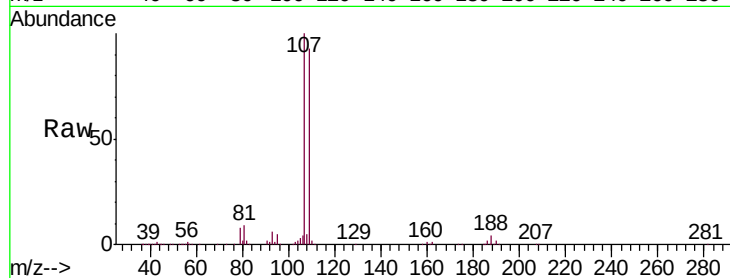
VSTDCCC050

Tgt Ion: 107 Resp: 177901

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

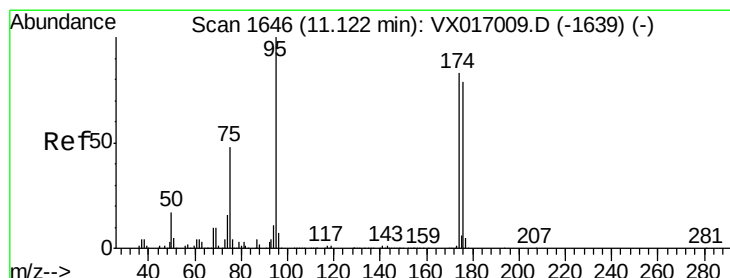
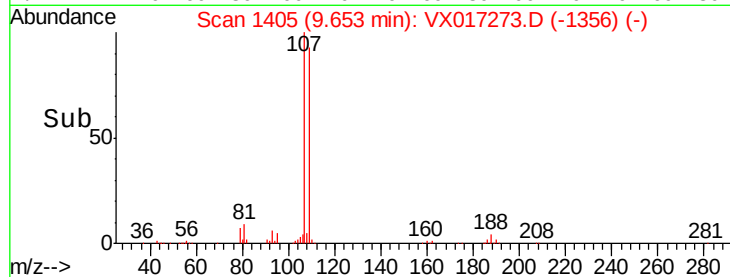
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.795 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

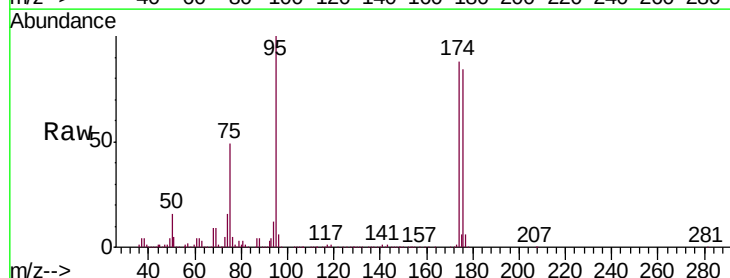
Tgt Ion: 95 Resp: 202479

Ion Ratio Lower Upper

95 100

174 86.1 0.0 164.0

176 83.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

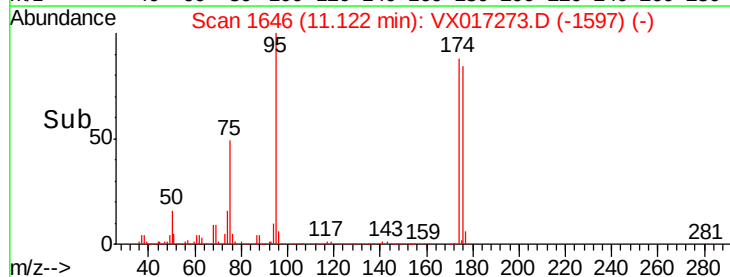
150000

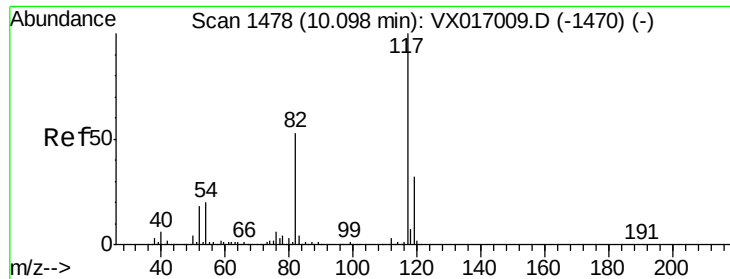
100000

50000

0

Time-->

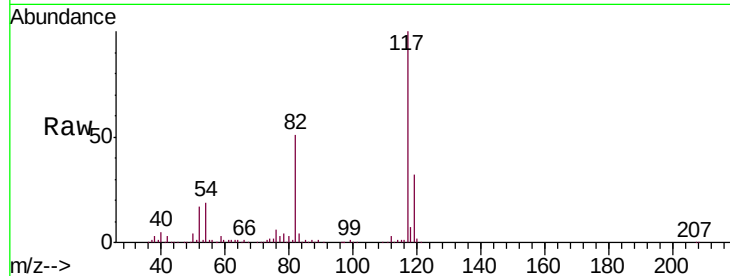




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.6	63.8
119	31.8	25.4	38.2

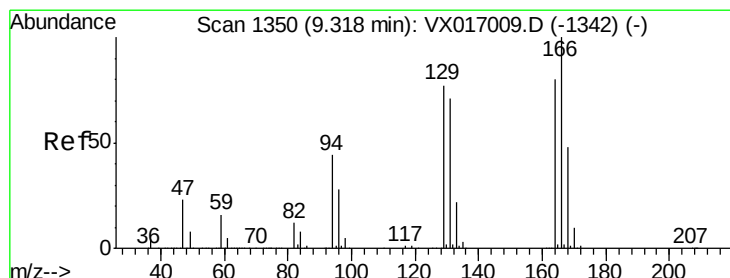
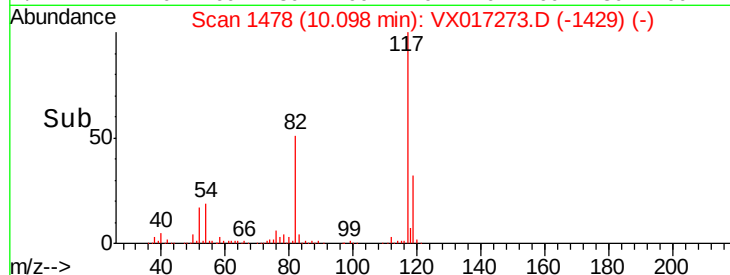
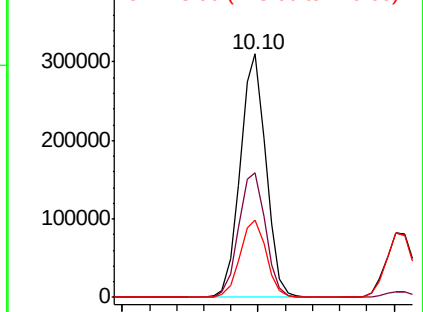


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.705 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	99.4	149.0
129	97.0	76.3	114.5
131	93.0	70.6	105.8

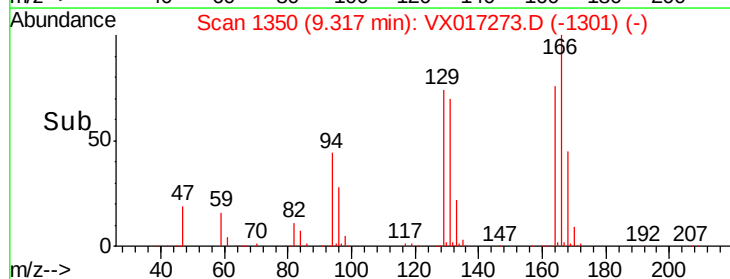
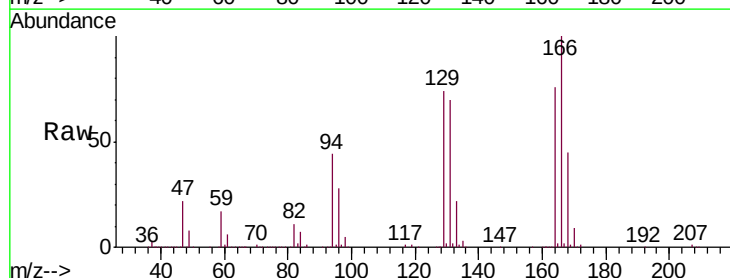
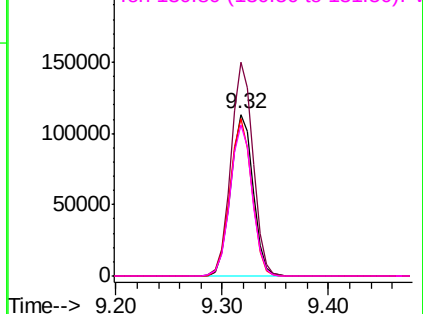
Abundance

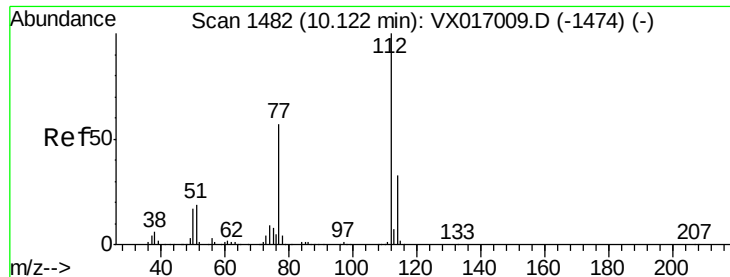
Ion 163.80 (163.50 to 164.50): V

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

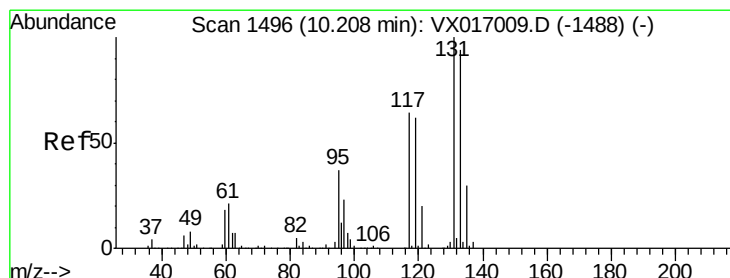
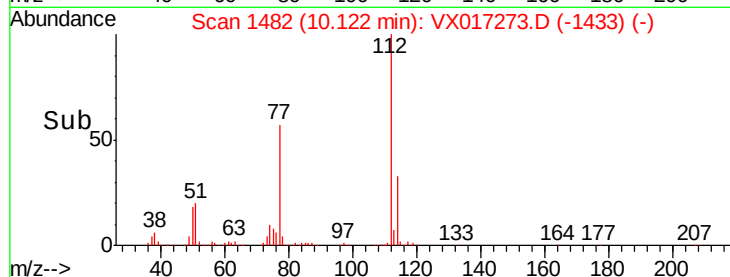
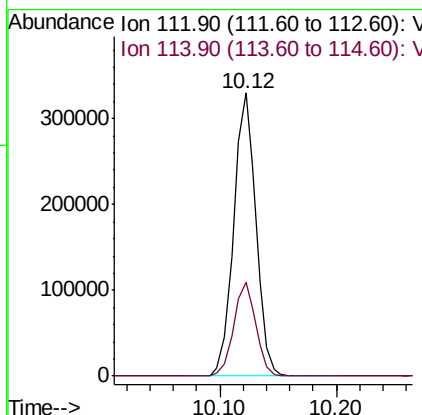
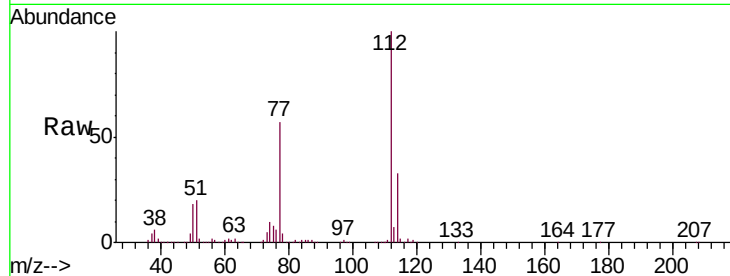




#65
Chlorobenzene
Concen: 52.022 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

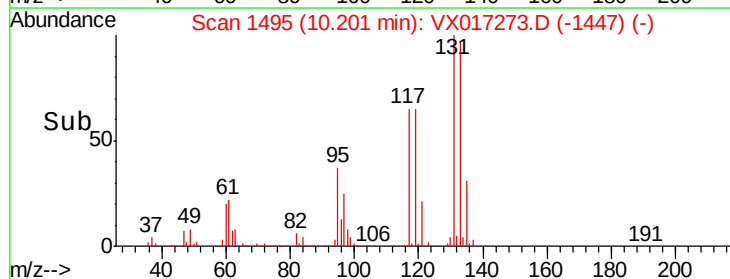
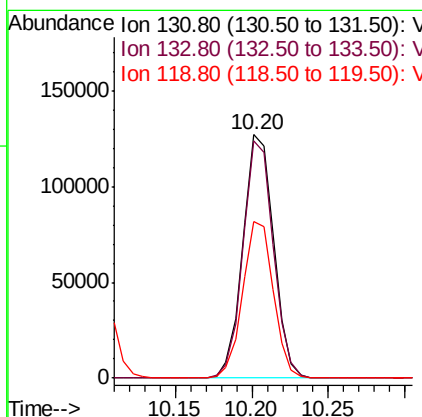
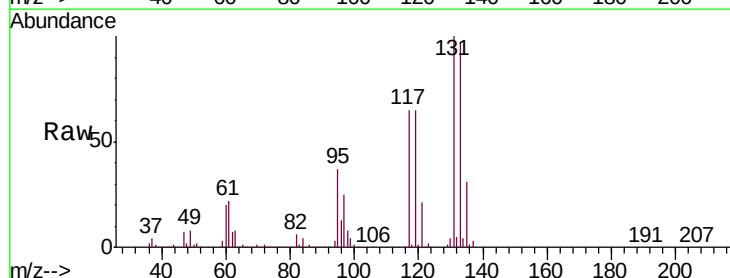
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

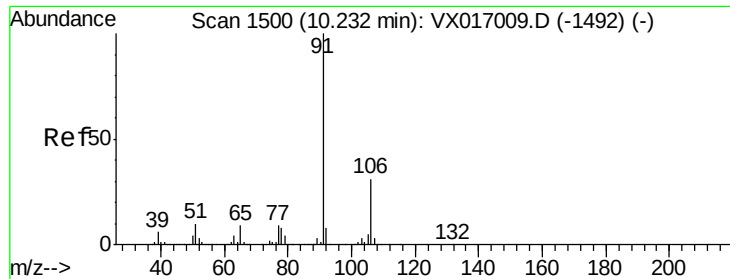
Tgt Ion:112 Resp: 438838
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.653 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion:131 Resp: 177675
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.9
119 64.2 31.9 95.5





#67

Ethyl Benzene

Concen: 54.141 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

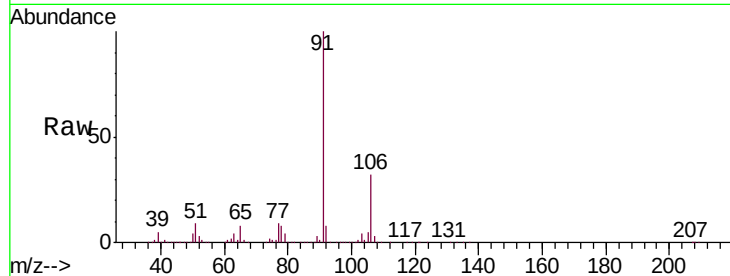
VSTDCCC050

Tgt Ion: 91 Resp: 762722

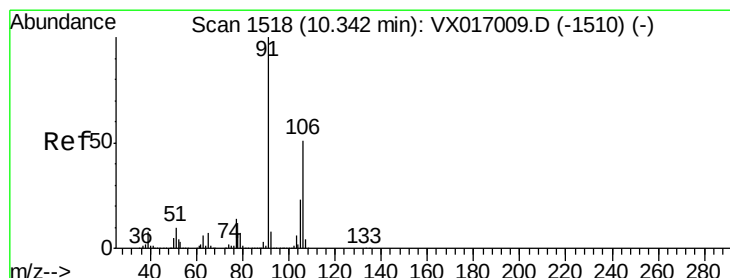
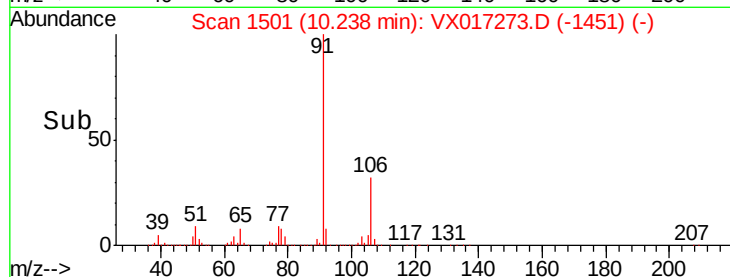
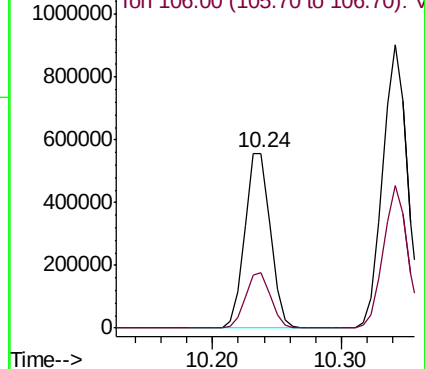
Ion Ratio Lower Upper

91 100

106 31.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1492) (-)



#68

m/p-Xylenes

Concen: 108.841 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017273.D

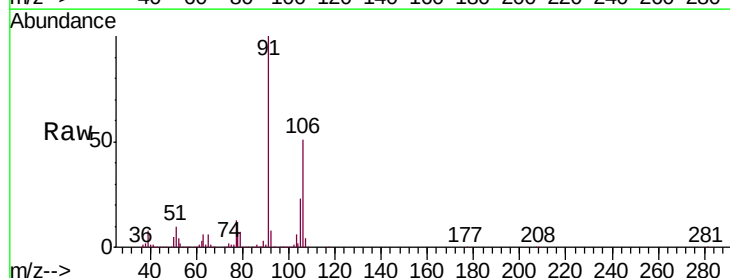
Acq: 08 Jul 2020 22:16

Tgt Ion: 106 Resp: 588740

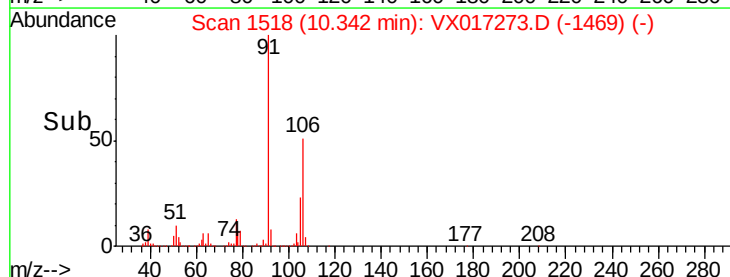
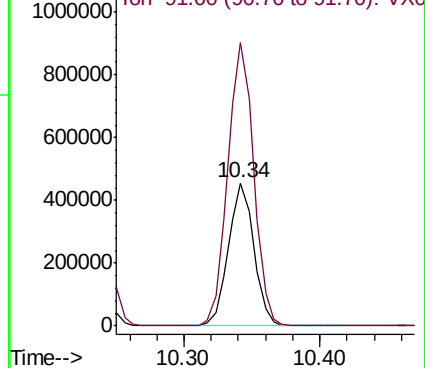
Ion Ratio Lower Upper

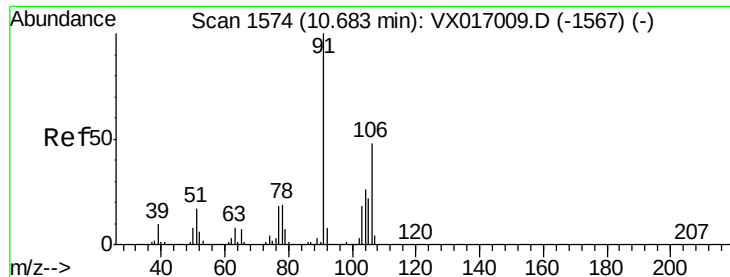
106 100

91 202.7 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): VX017009.D (-1510) (-)

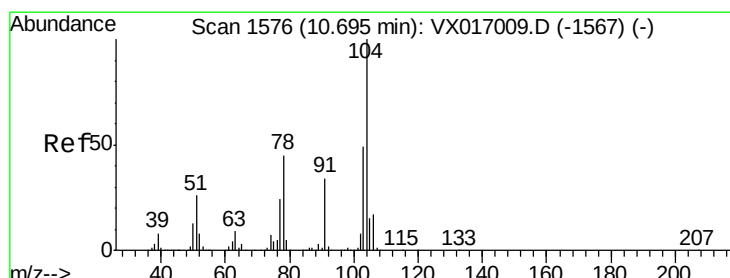
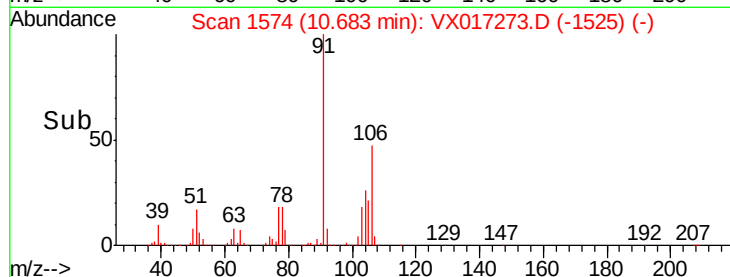
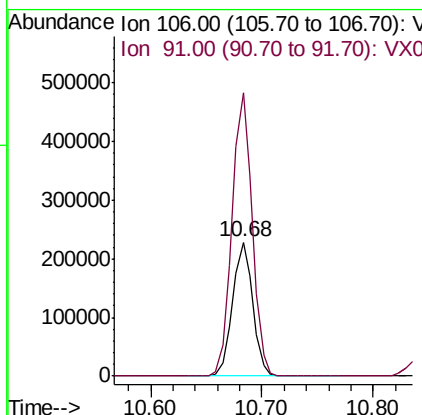
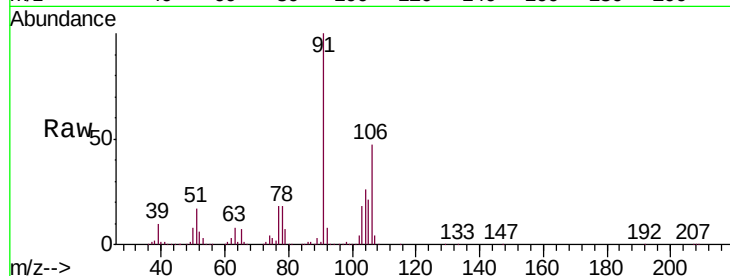




#69
o-Xylene
Concen: 55.420 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

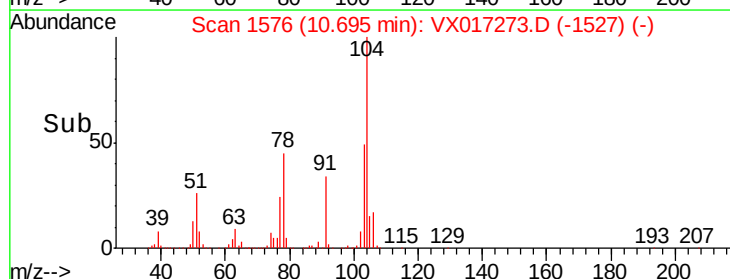
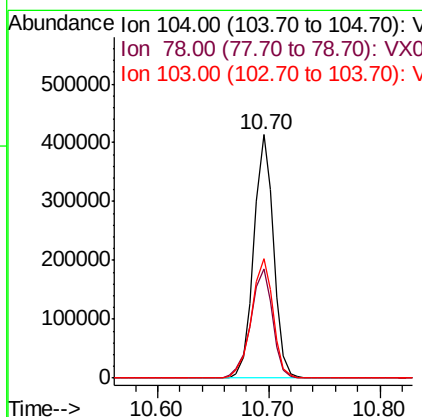
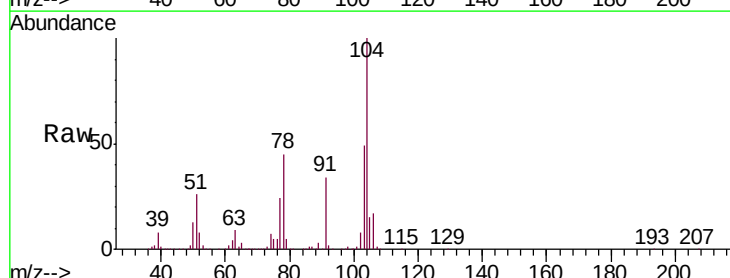
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

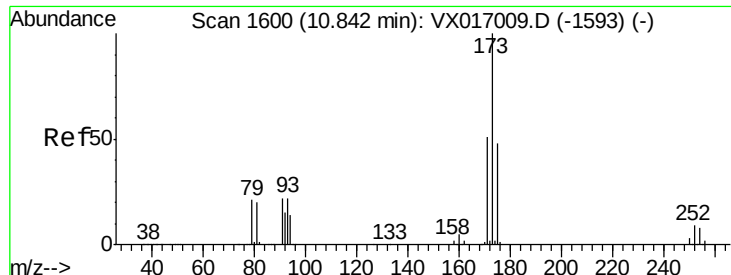
Tgt Ion:106 Resp: 285179
Ion Ratio Lower Upper
106 100
91 211.7 105.6 316.7



#70
Styrene
Concen: 58.288 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion:104 Resp: 510753
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 53.3 43.0 64.6





#71

Bromoform

Concen: 61.953 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

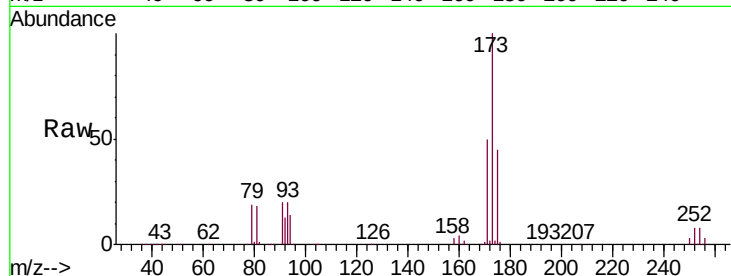
Tgt Ion:173 Resp: 159715

Ion Ratio Lower Upper

173 100

175 46.5 24.5 73.5

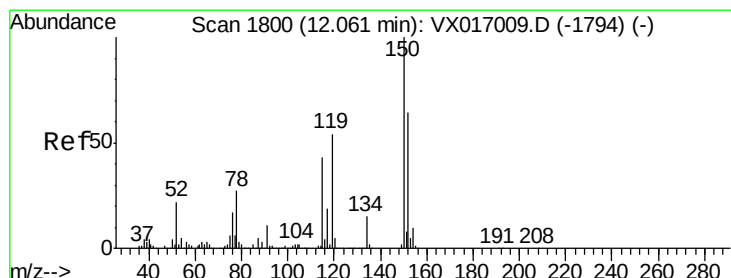
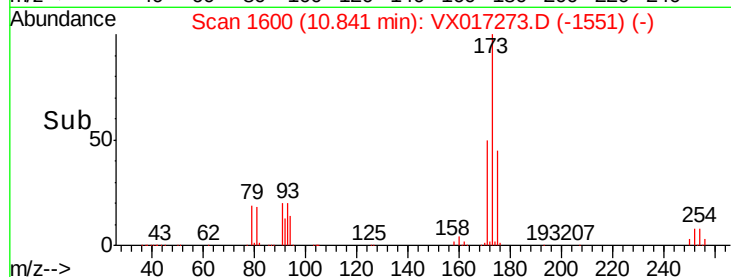
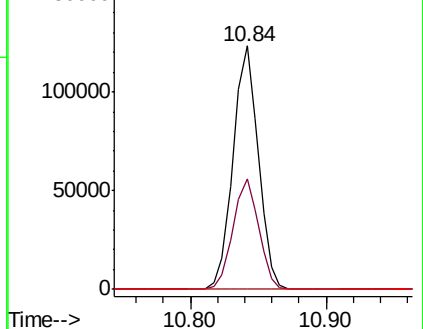
254 0.1 0.1 0.1#



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: VX017273.D

Acq: 08 Jul 2020 22:16

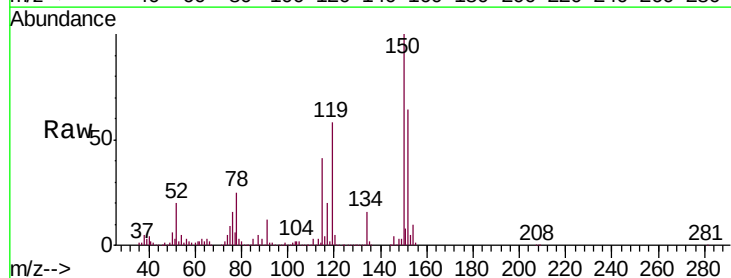
Tgt Ion:152 Resp: 217777

Ion Ratio Lower Upper

152 100

115 81.9 40.9 122.7

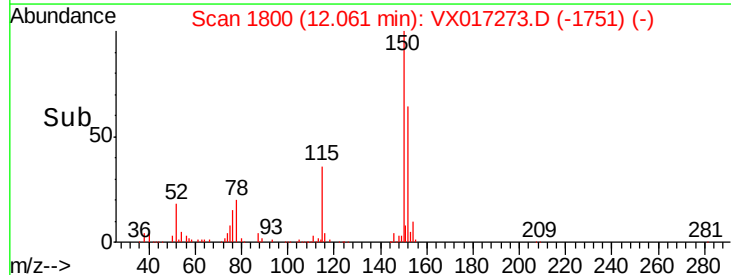
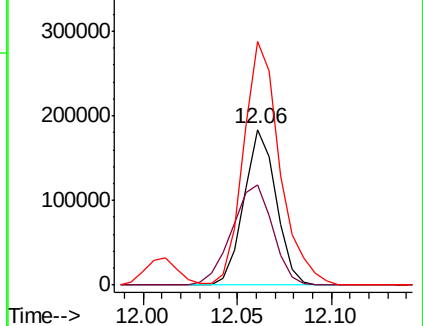
150 176.7 0.0 351.6

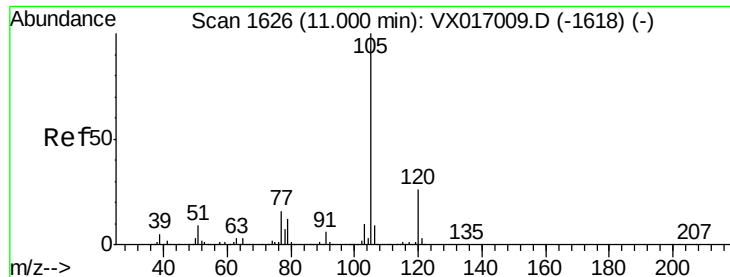


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

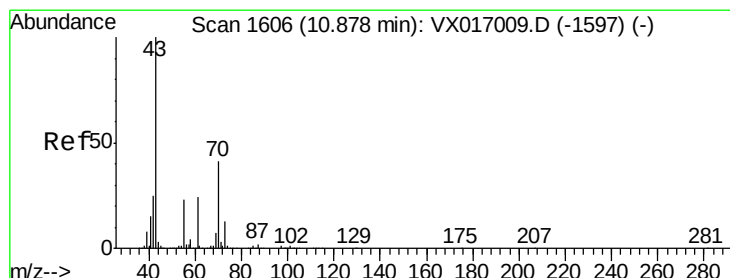
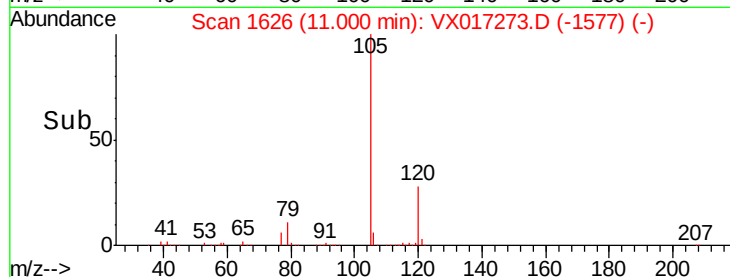
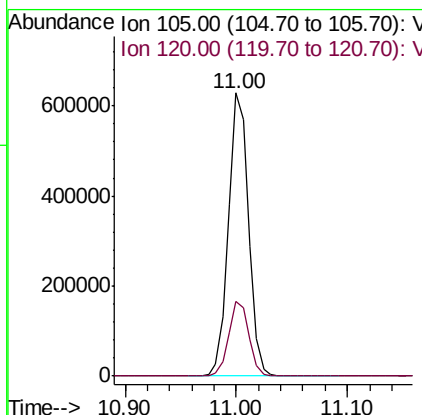
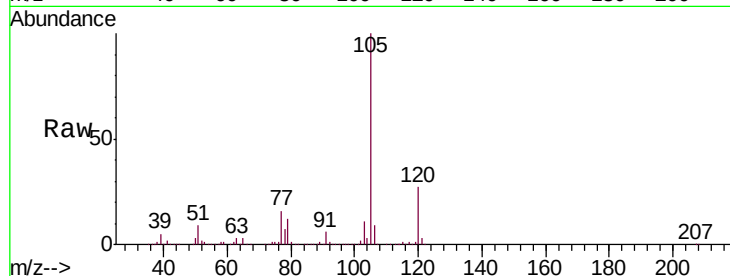




#73
Isopropylbenzene
Concen: 54.675 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

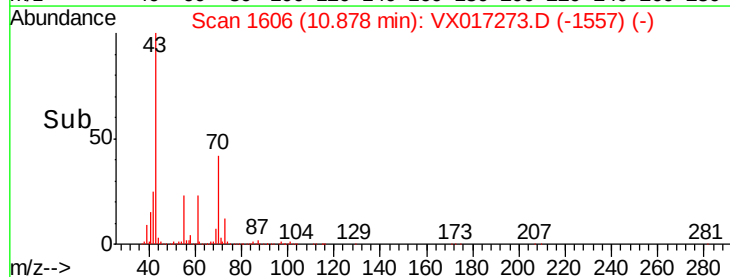
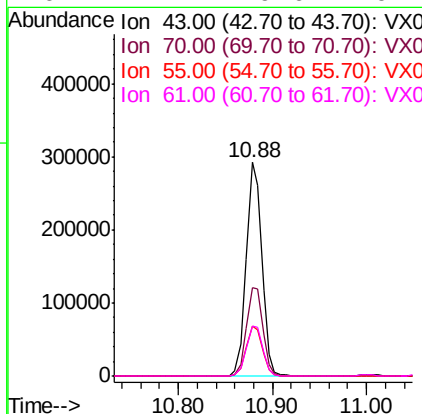
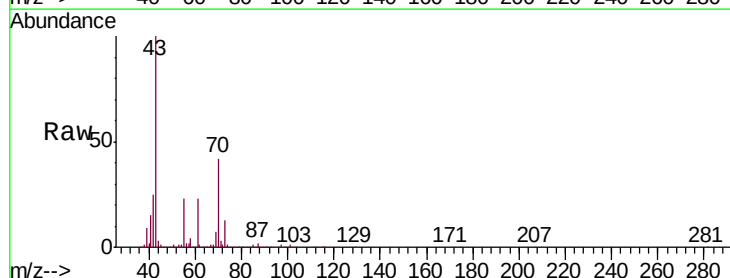
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

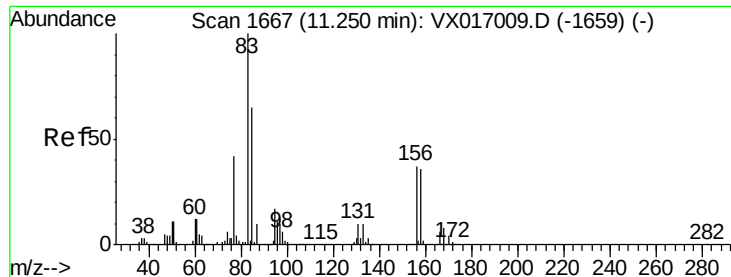
Tgt Ion: 105 Resp: 779916
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 55.430 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 43 Resp: 337380
Ion Ratio Lower Upper
43 100
70 43.3 34.2 51.2
55 24.2 19.2 28.8
61 24.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.770 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

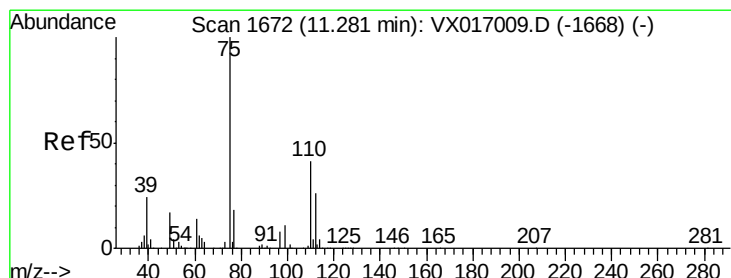
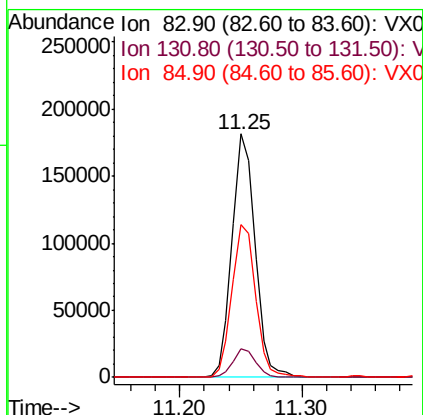
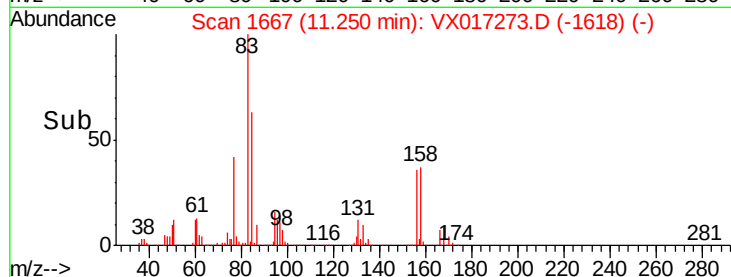
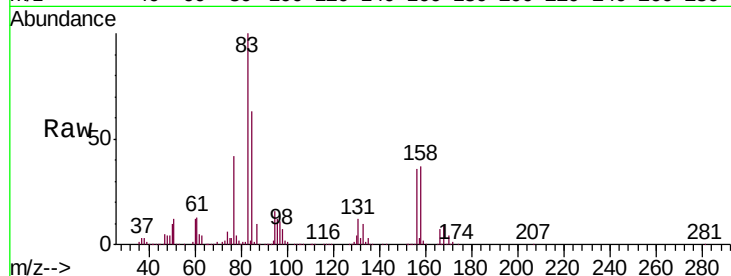
Tgt Ion: 83 Resp: 236783

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 69.206 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017273.D

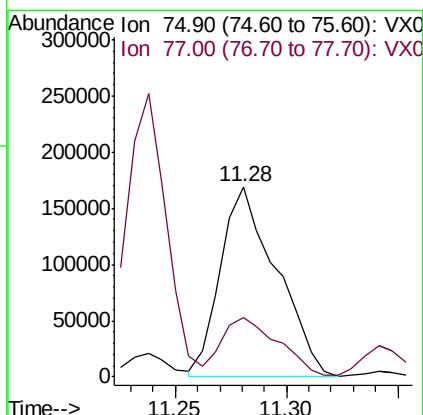
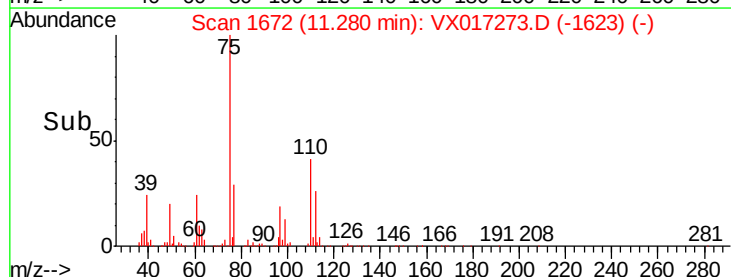
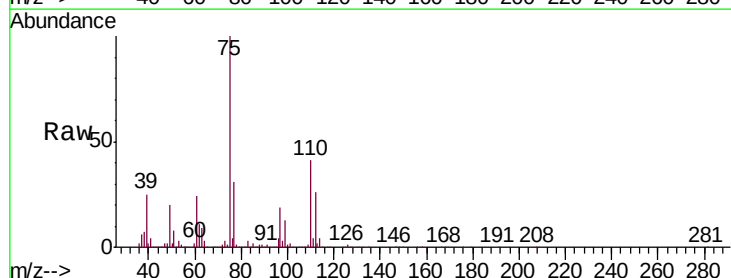
Acq: 08 Jul 2020 22:16

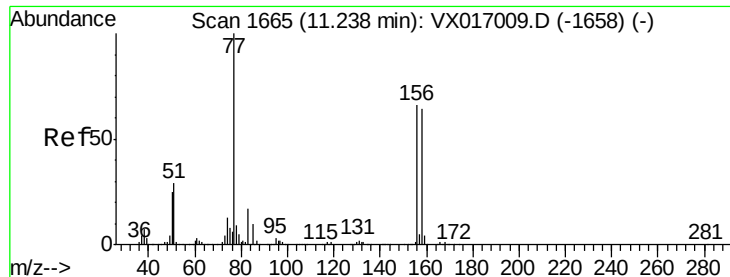
Tgt Ion: 75 Resp: 296370

Ion Ratio Lower Upper

75 100

77 31.8 20.2 60.6





#77

Bromobenzene

Concen: 54.667 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

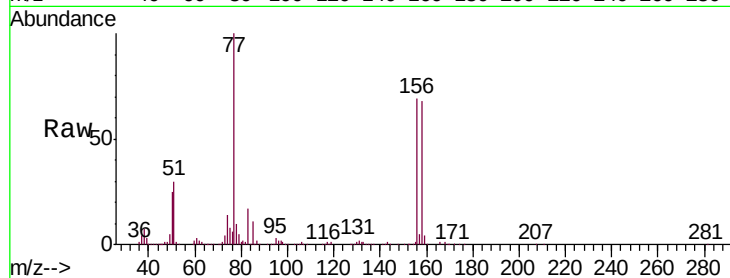
Tgt Ion:156 Resp: 214319

Ion Ratio Lower Upper

156 100

77 148.1 76.9 230.7

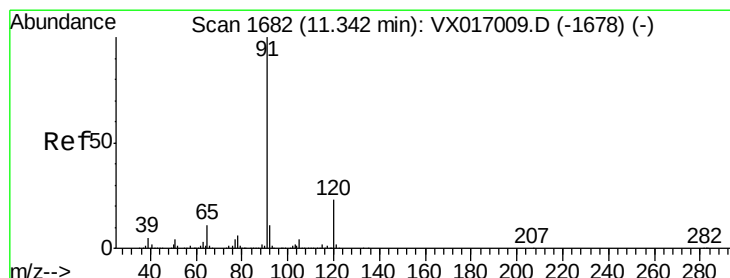
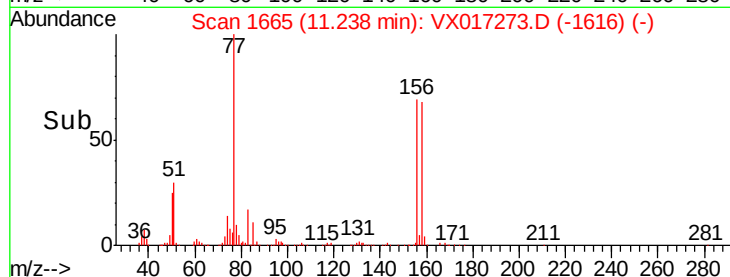
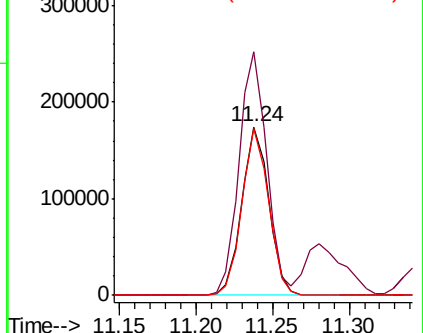
158 97.6 47.9 143.6



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: 54.782 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017273.D

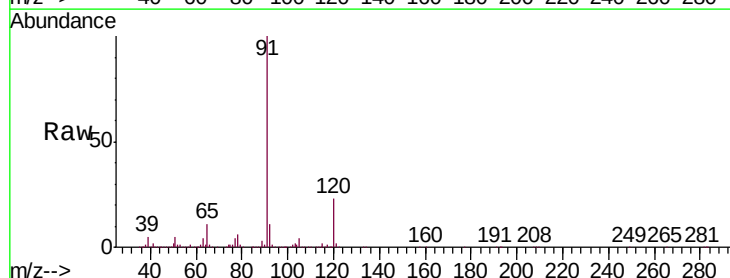
Acq: 08 Jul 2020 22:16

Tgt Ion: 91 Resp: 883677

Ion Ratio Lower Upper

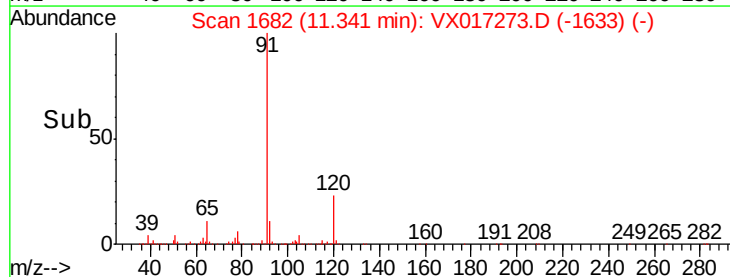
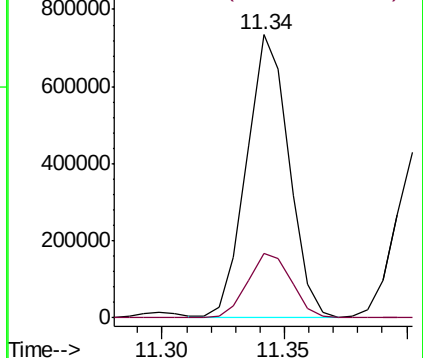
91 100

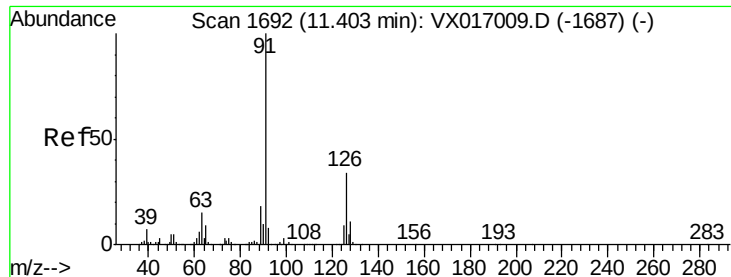
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

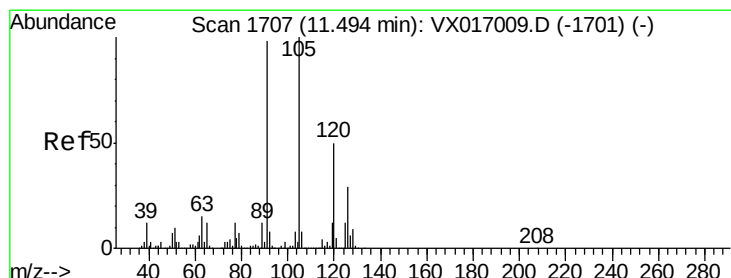
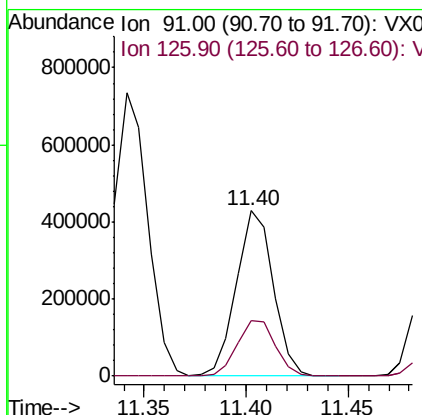
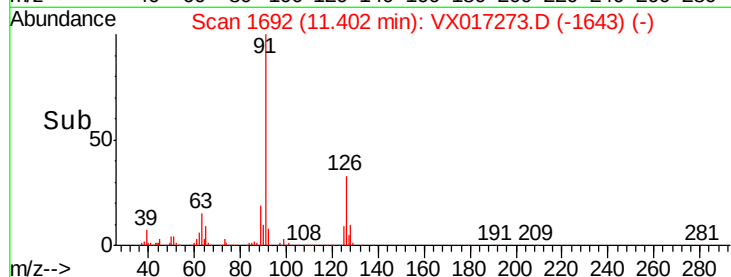
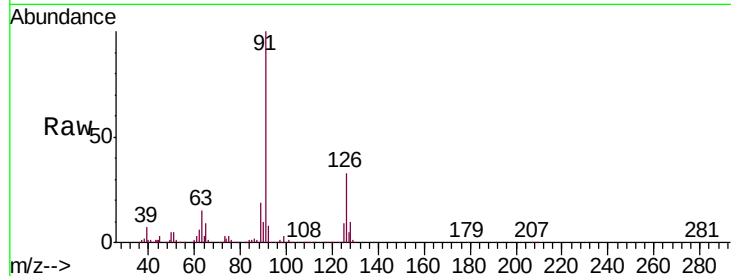




#79
 2-Chlorotoluene
 Concen: 54.922 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

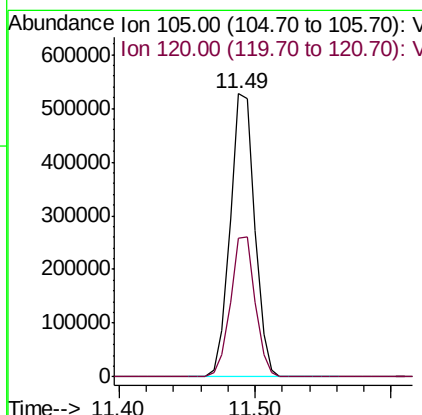
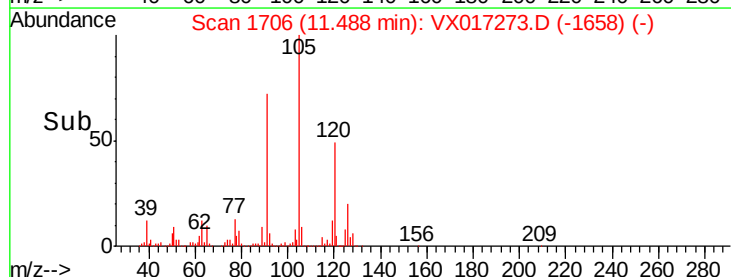
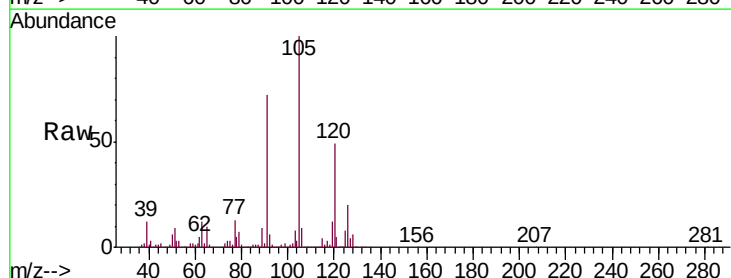
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

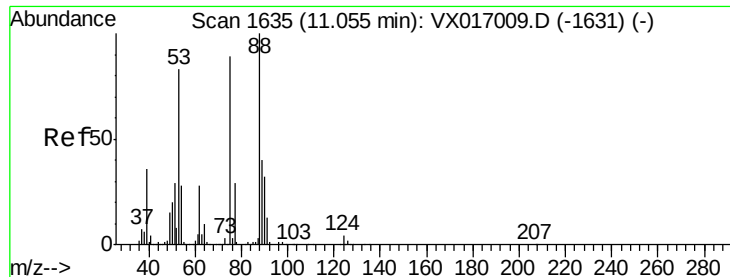
Tgt Ion: 91 Resp: 536180
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.925 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 105 Resp: 661709
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.438 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

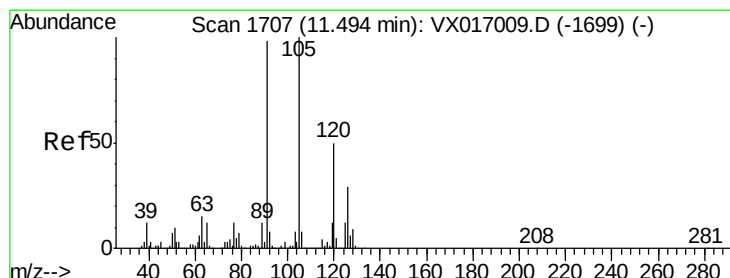
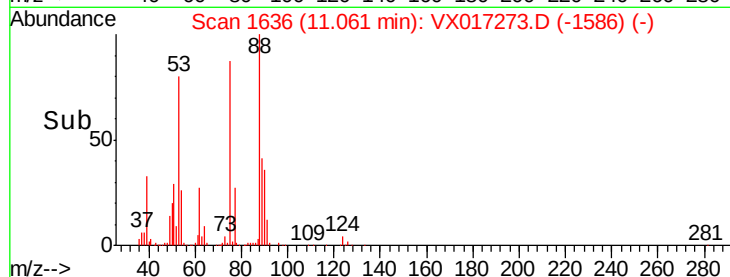
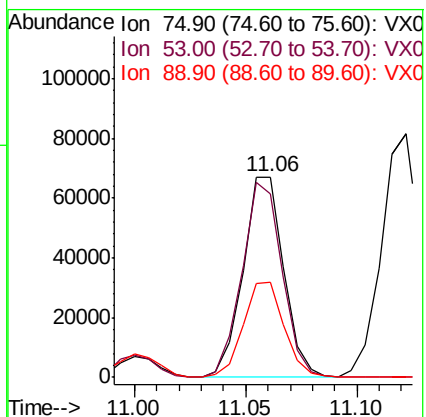
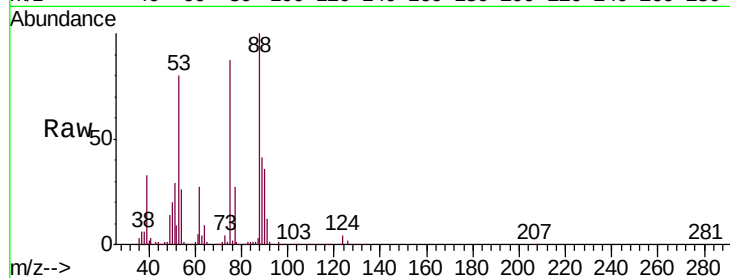
Tgt Ion: 75 Resp: 85063

Ion Ratio Lower Upper

75 100

53 96.7 72.4 108.6

89 47.9 37.0 55.4



#82

4-Chlorotoluene

Concen: 54.602 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017273.D

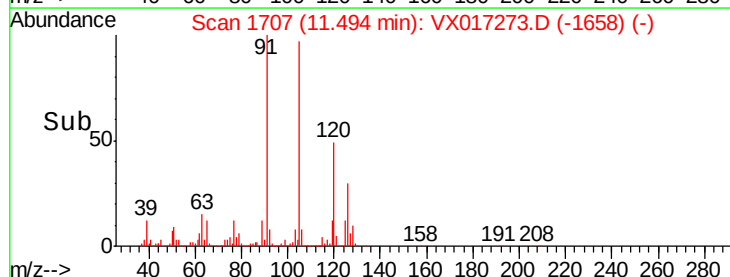
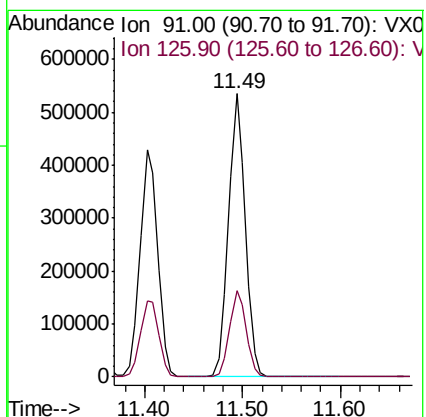
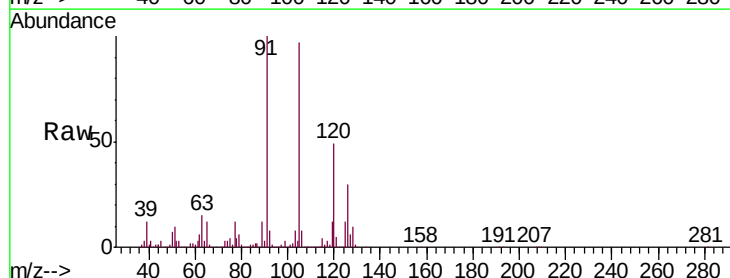
Acq: 08 Jul 2020 22:16

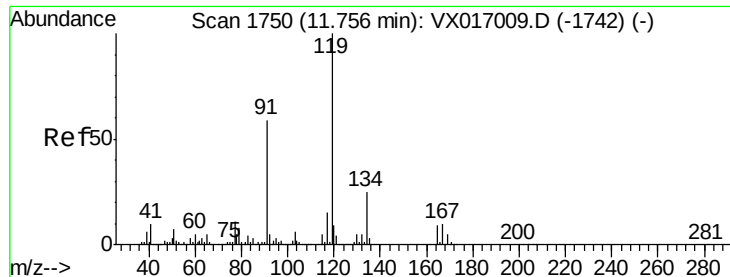
Tgt Ion: 91 Resp: 637235

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.5

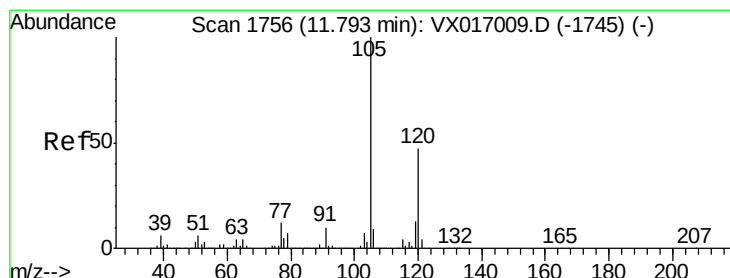
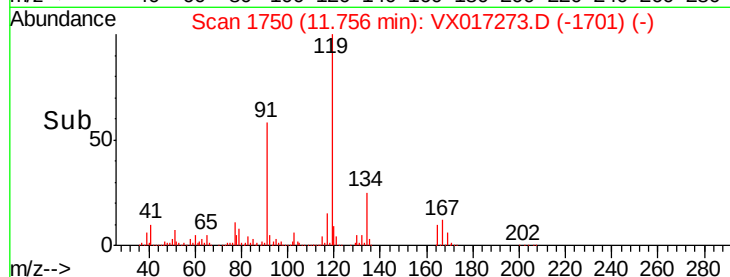
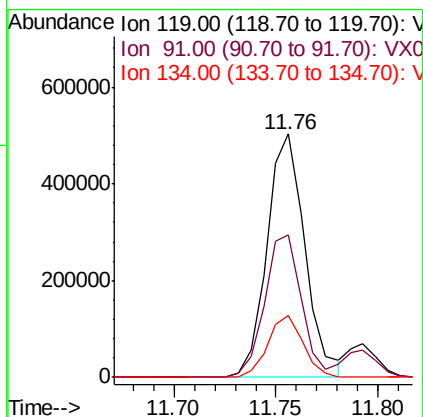
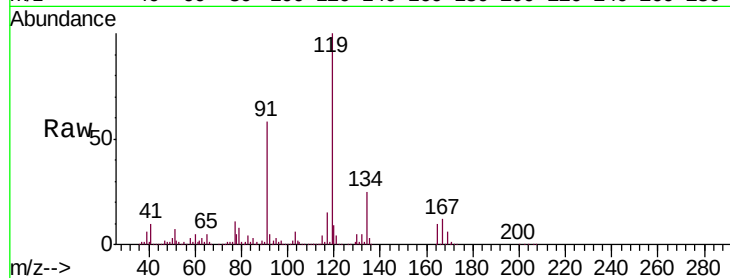




#83
 tert-Butylbenzene
 Concen: 56.013 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

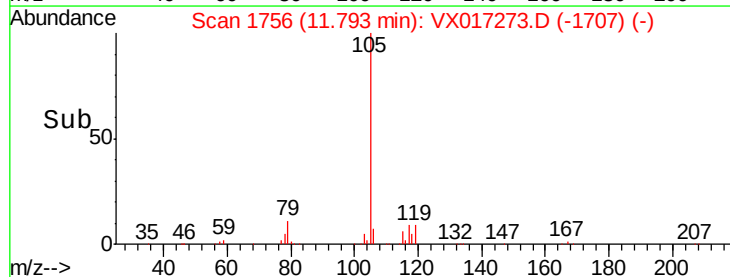
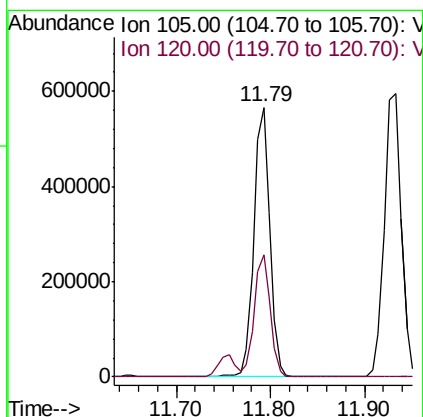
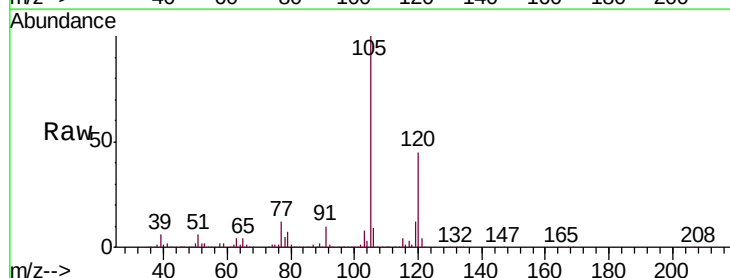
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

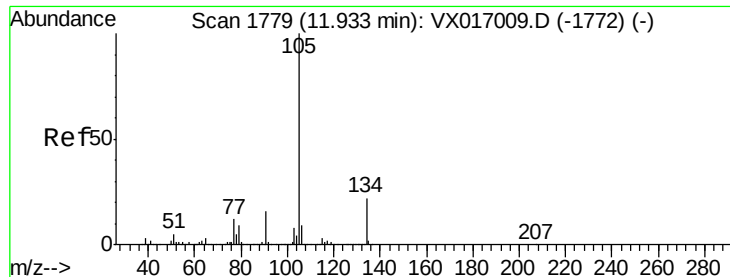
Tgt Ion:119 Resp: 650590
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.3 84.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.491 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion:105 Resp: 678104
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 54.813 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

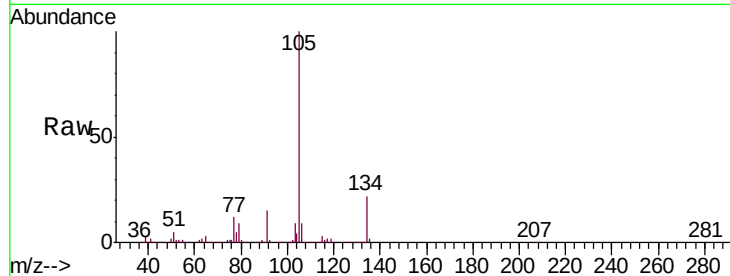
VSTDCCC050

Tgt Ion:105 Resp: 748369

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

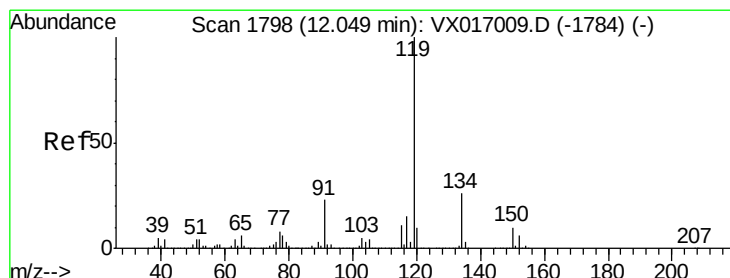
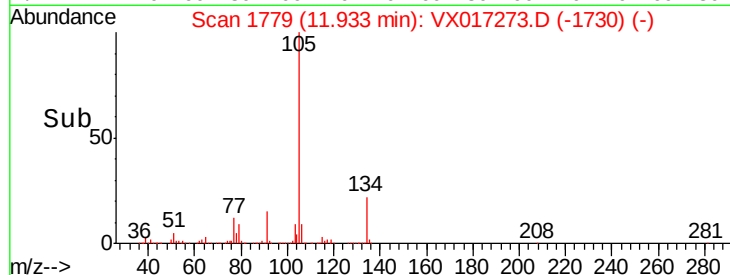
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 55.493 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

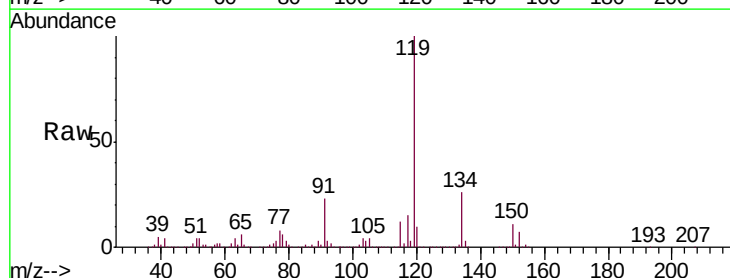
Tgt Ion:119 Resp: 705324

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

800000

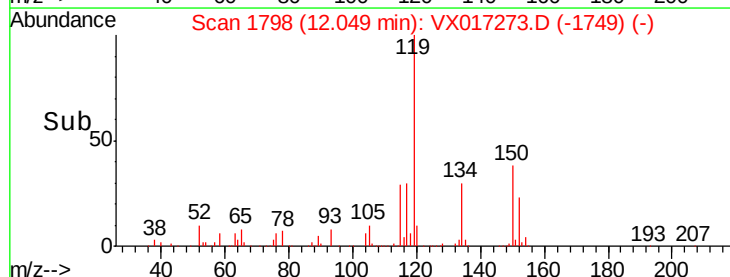
600000

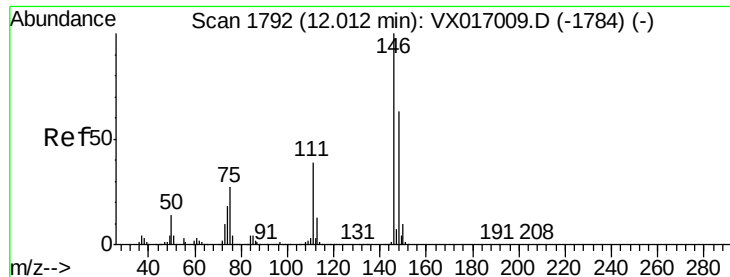
400000

200000

0

Time--> 11.90 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 51.636 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

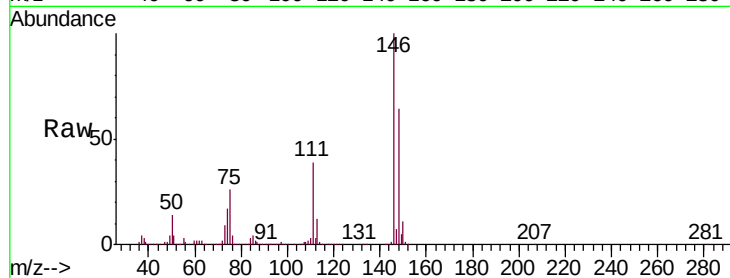
Tgt Ion:146 Resp: 367663

Ion Ratio Lower Upper

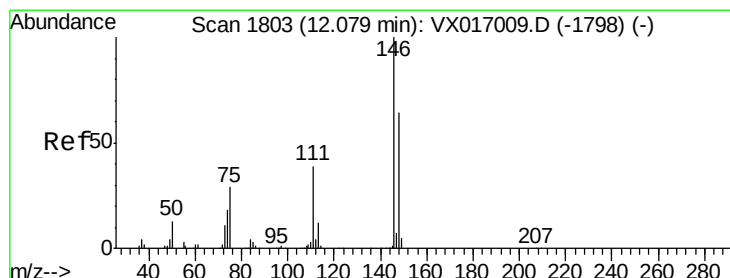
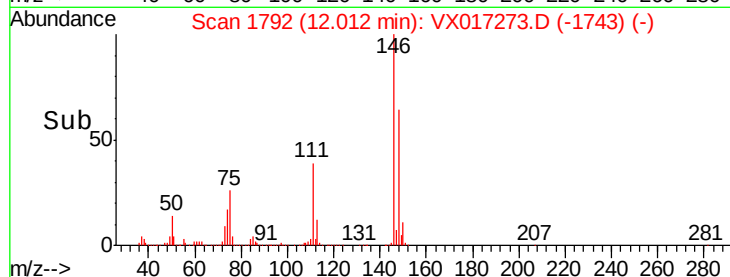
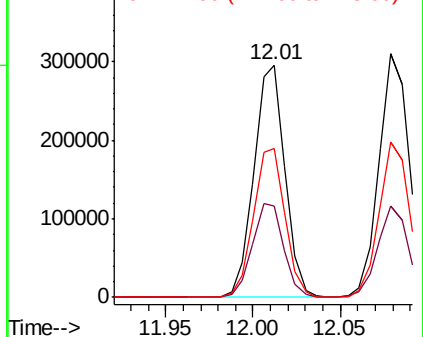
146 100

111 40.8 20.4 61.2

148 65.1 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 55.742 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

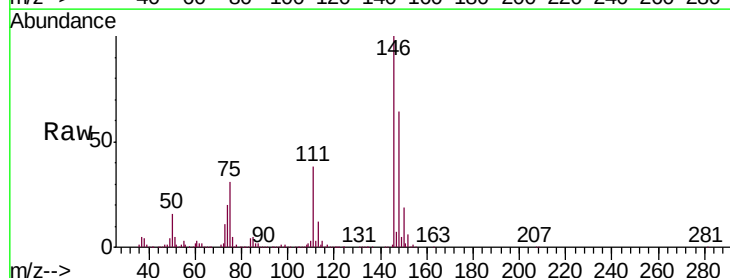
Tgt Ion:146 Resp: 374147

Ion Ratio Lower Upper

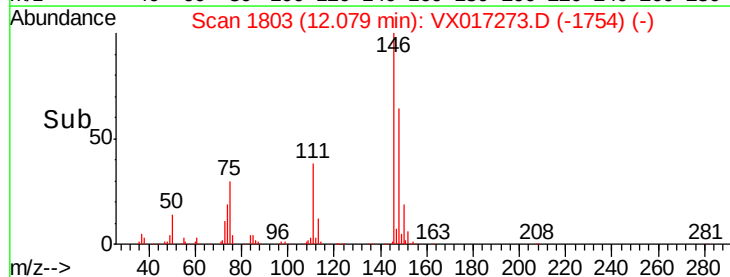
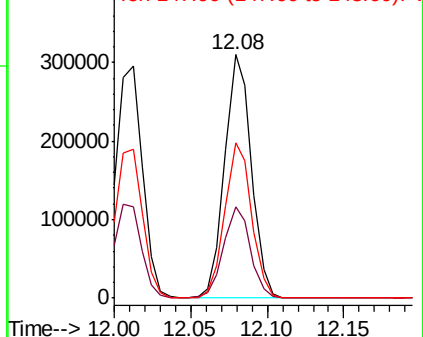
146 100

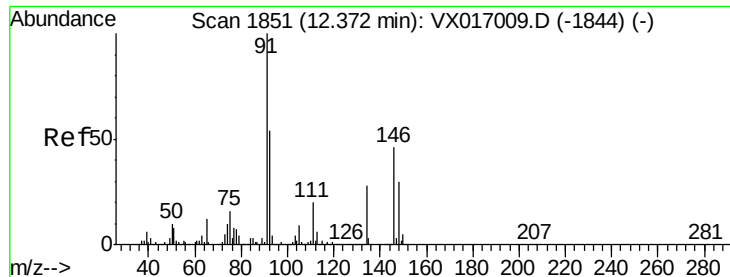
111 37.8 19.5 58.5

148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

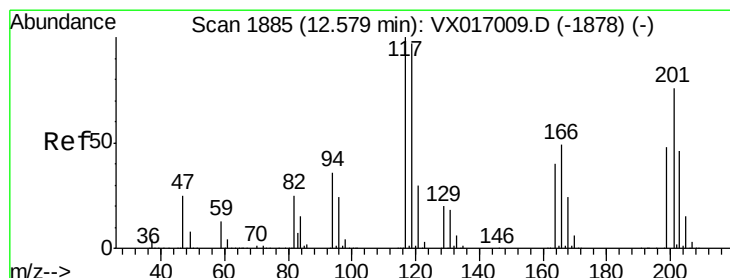
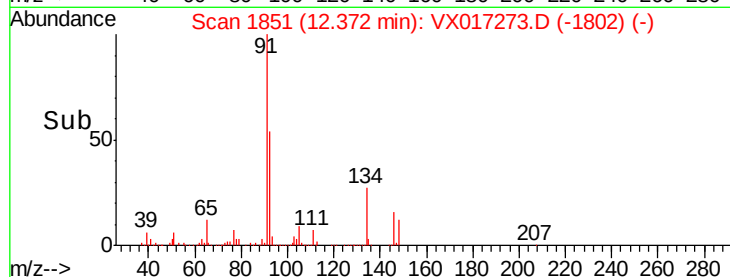
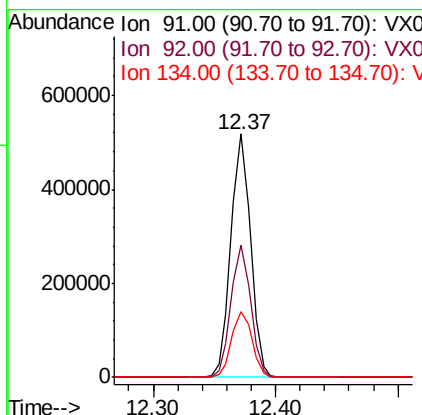
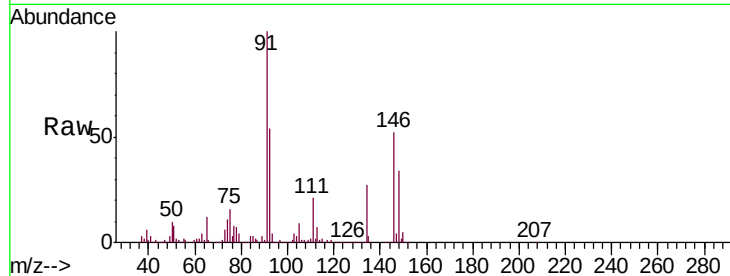




#89
n-Butylbenzene
Concen: 50.626 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

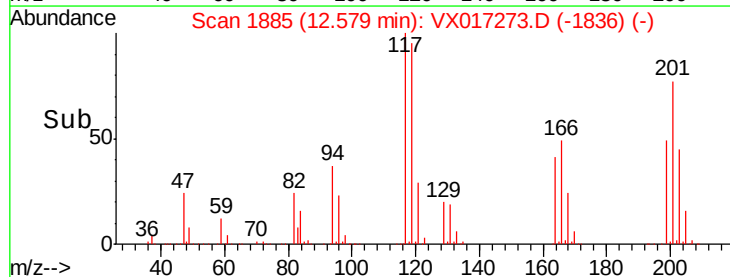
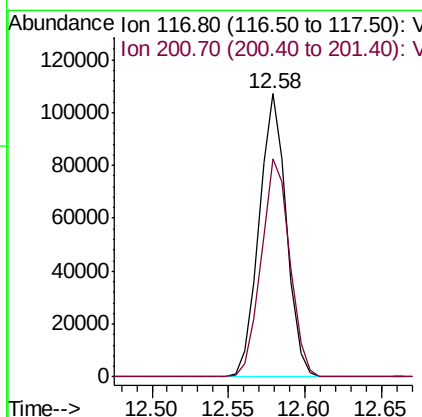
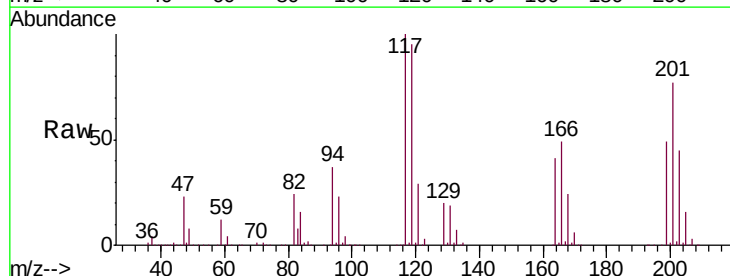
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

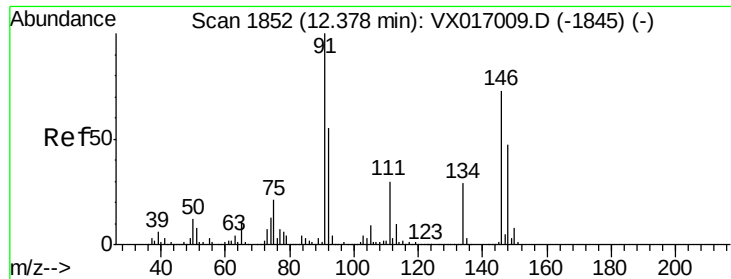
Tgt Ion: 91 Resp: 574551
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 28.1 13.6 40.7



#90
Hexachloroethane
Concen: 53.253 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 117 Resp: 133475
Ion Ratio Lower Upper
117 100
201 80.5 39.4 118.2

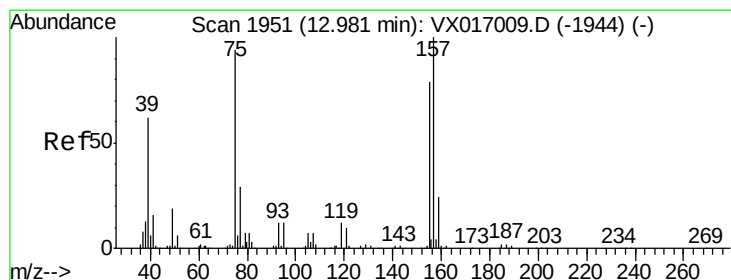
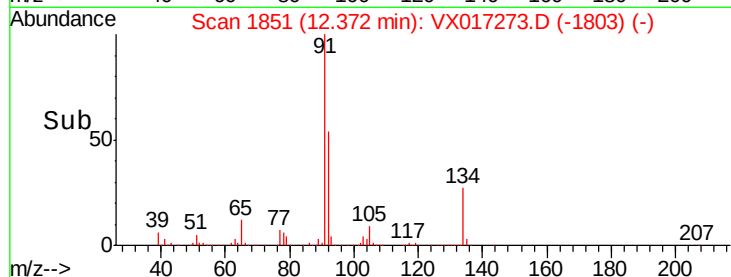
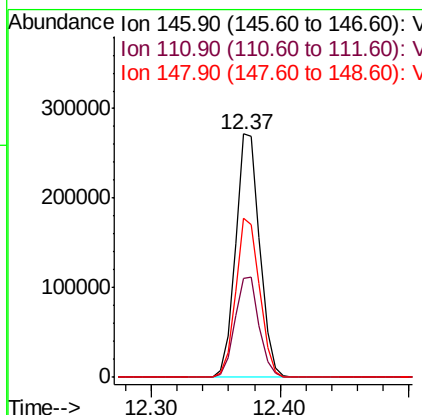
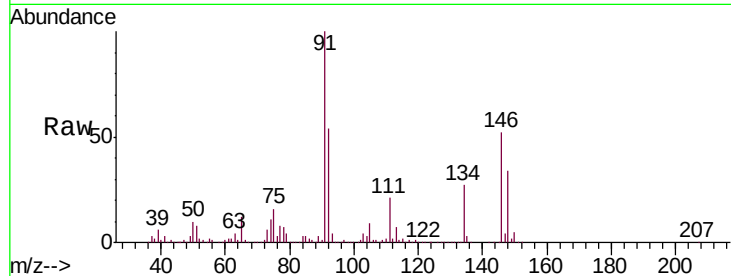




#91
 1,2-Dichlorobenzene
 Concen: 53.081 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

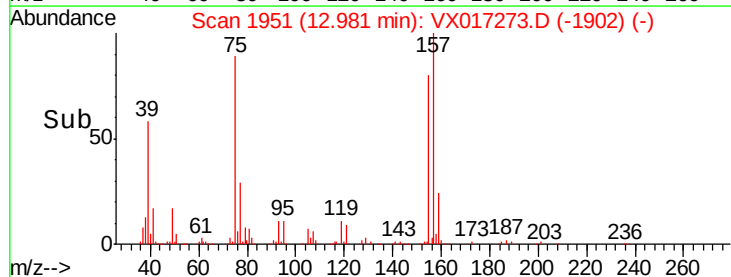
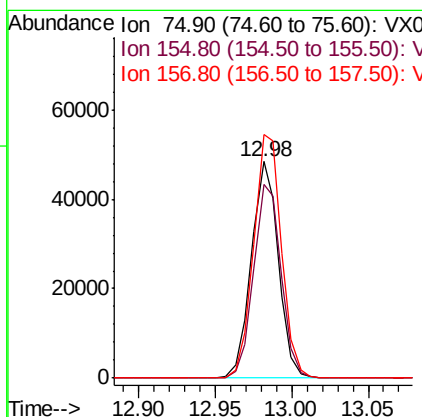
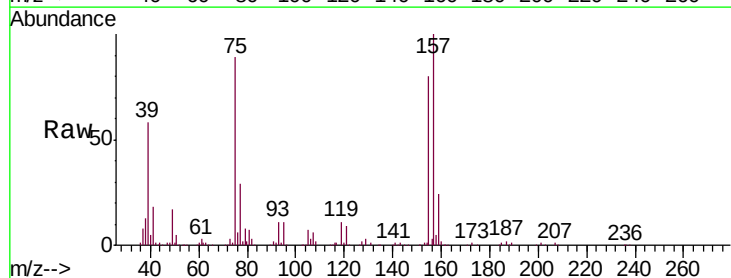
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

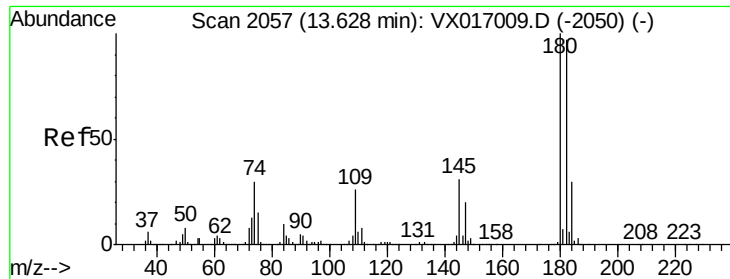
Tgt Ion:146 Resp: 353289
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 64.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.509 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion: 75 Resp: 59417
 Ion Ratio Lower Upper
 75 100
 155 91.6 45.1 135.2
 157 116.1 56.5 169.3

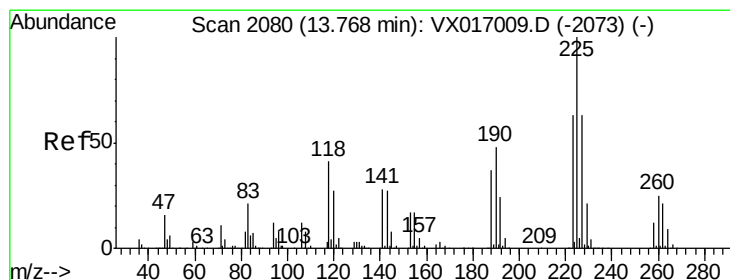
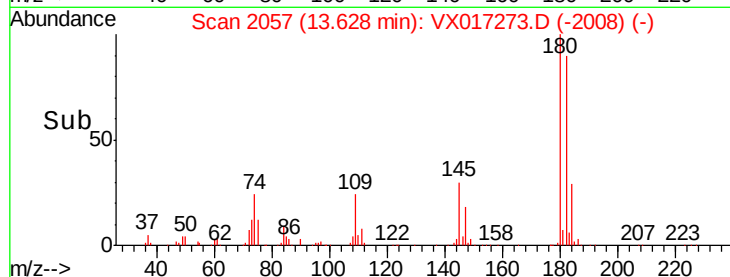
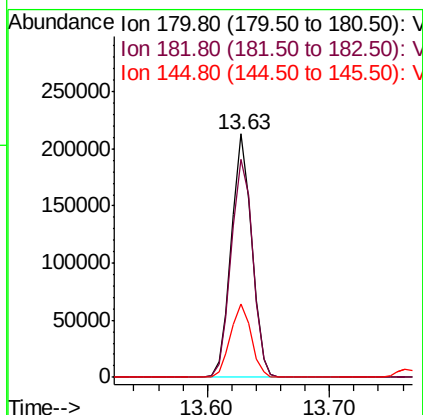
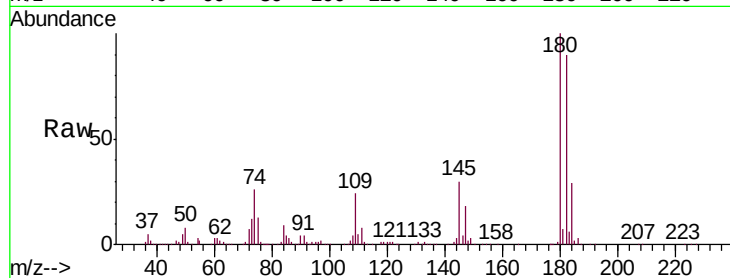




#93
 1,2,4-Trichlorobenzene
 Concen: 54.077 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

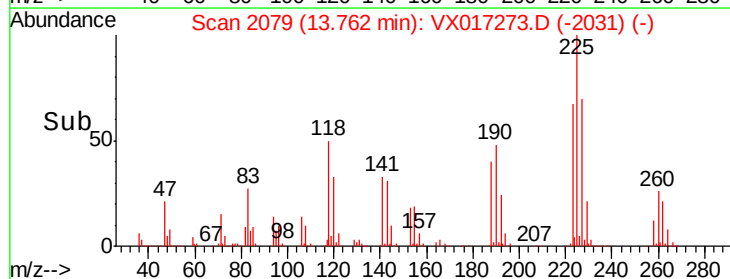
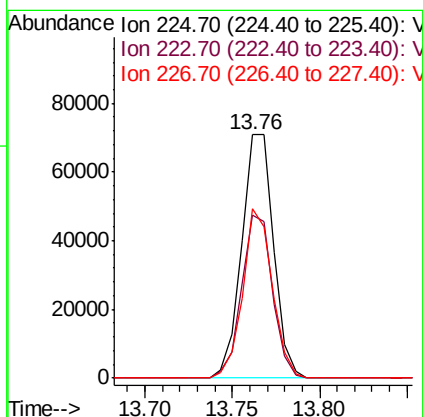
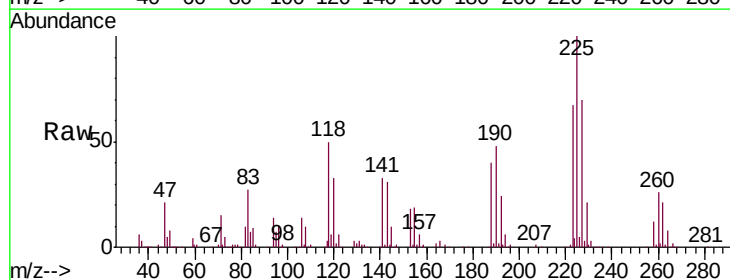
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

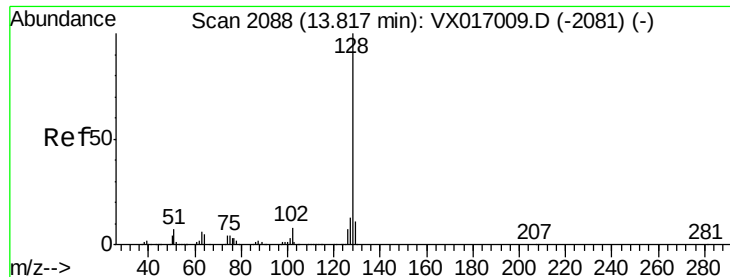
Tgt Ion:180 Resp: 245661
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 52.123 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion:225 Resp: 89927
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.5 97.5
 227 64.1 33.1 99.2

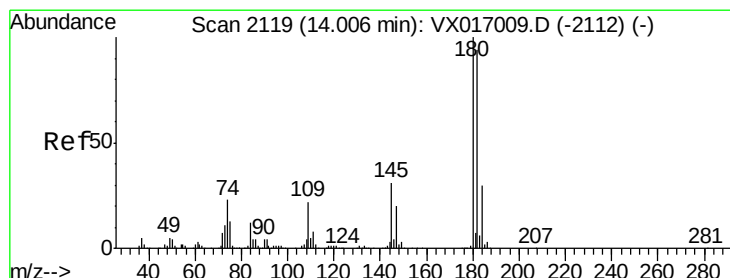
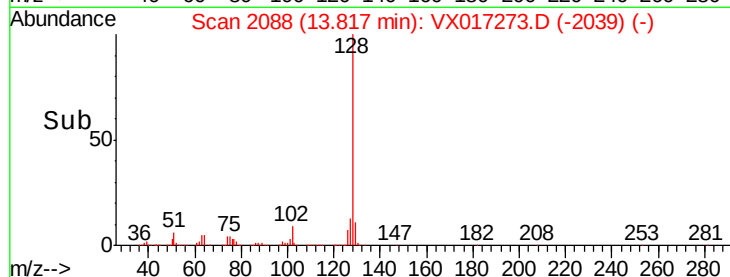
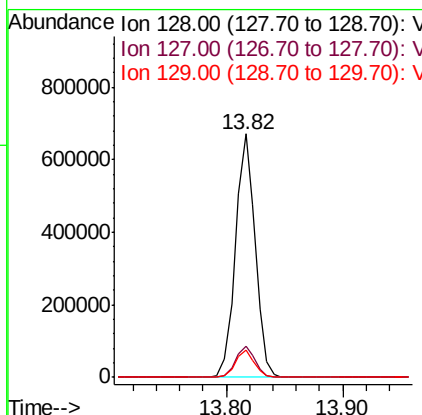
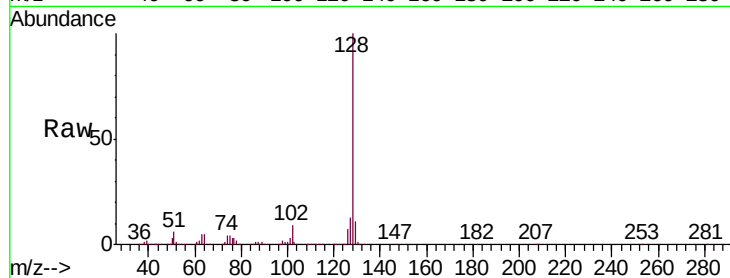




#95
Naphthalene
Concen: 57.209 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.318 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.1	141.4
145	33.4	16.6	49.7

