

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018505.D
 Acq On : 18 Sep 2020 20:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 01:59:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	469986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	767397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	728234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	392888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	310469	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.46	113	239707	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	8.70	98	860354	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
62) 4-Bromofluorobenzene	11.12	95	349119	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	235496	52.851	ug/l	100
3) Chloromethane	1.31	50	229407	43.976	ug/l	100
4) Vinyl Chloride	1.39	62	266523	48.260	ug/l	98
5) Bromomethane	1.63	94	109946	32.436	ug/l	97
6) Chloroethane	1.71	64	158930	50.283	ug/l	95
7) Trichlorofluoromethane	1.92	101	436749	52.057	ug/l	97
8) Diethyl Ether	2.17	74	140144	47.610	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223141	49.413	ug/l	99
10) Methyl Iodide	2.49	142	164291	31.428	ug/l	96
11) Tert butyl alcohol	3.01	59	300889	260.095	ug/l	100
12) 1,1-Dichloroethene	2.36	96	226826	49.835	ug/l	95
13) Acrolein	2.28	56	122540	167.291	ug/l	97
14) Allyl chloride	2.71	41	420135	47.634	ug/l	98
15) Acrylonitrile	3.12	53	701183	254.027	ug/l	99
16) Acetone	2.42	43	606803	238.644	ug/l	99
17) Carbon Disulfide	2.55	76	640416	47.113	ug/l	98
18) Methyl Acetate	2.75	43	320988	50.951	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	824888	51.628	ug/l	100
20) Methylene Chloride	2.84	84	265039	47.242	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	255012	48.209	ug/l	99
22) Diisopropyl ether	3.82	45	829044	50.006	ug/l	98
23) Vinyl Acetate	3.79	43	3780442	257.331	ug/l	100
24) 1,1-Dichloroethane	3.67	63	473005	49.471	ug/l	99
25) 2-Butanone	4.64	43	988835	249.726	ug/l	98
26) 2,2-Dichloropropane	4.55	77	383856	43.451	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	284284	47.948	ug/l	100
28) Bromochloromethane	4.98	49	206056	46.055	ug/l	99
29) Tetrahydrofuran	5.09	42	638925	256.008	ug/l	99
30) Chloroform	5.18	83	494326	50.955	ug/l	100
31) Cyclohexane	5.55	56	389793	48.446	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	462678	50.837	ug/l	100
36) 1,1-Dichloropropene	5.77	75	356249	47.829	ug/l	98
37) Ethyl Acetate	4.79	43	389737	49.000	ug/l	99
38) Carbon Tetrachloride	5.76	117	420755	51.006	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	404005	48.279	ug/l	98
40) Benzene	6.12	78	1026733	48.100	ug/l	100
41) Methacrylonitrile	5.00	41	213742	48.362	ug/l	99
42) 1,2-Dichloroethane	6.17	62	418025	50.338	ug/l	99
43) Isopropyl Acetate	6.42	43	642684	48.693	ug/l	100
44) Trichloroethene	7.19	130	303721	49.151	ug/l	95
45) 1,2-Dichloropropane	7.49	63	281179	47.992	ug/l	97
46) Dibromomethane	7.64	93	198223	49.245	ug/l	100
47) Bromodichloromethane	7.88	83	406874	50.155	ug/l	99
48) Methyl methacrylate	7.74	41	327779	51.021	ug/l	99
49) 1,4-Dioxane	7.71	88	97463	918.146	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2012455	256.077	ug/l	99
52) Toluene	8.76	92	659048	49.064	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	445514	48.332	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	463844	48.845	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	274866	49.314	ug/l	98
56) Ethyl methacrylate	9.16	69	428606	51.860	ug/l	100
57) 1,3-Dichloropropane	9.35	76	459127	49.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1080377	245.875	ug/l	99
59) 2-Hexanone	9.48	43	1534400	256.698	ug/l	100
60) Dibromochloromethane	9.57	129	337955	50.849	ug/l	99
61) 1,2-Dibromoethane	9.65	107	301290	50.804	ug/l	100
64) Tetrachloroethene	9.32	164	263052	45.881	ug/l	98
65) Chlorobenzene	10.12	112	727537	48.518	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	285267	47.422	ug/l	97
67) Ethyl Benzene	10.24	91	1300669	50.112	ug/l	97
68) m/p-Xylenes	10.34	106	978571	99.667	ug/l	100
69) o-Xylene	10.68	106	469956	50.546	ug/l	100
70) Styrene	10.70	104	813548	50.677	ug/l	98
71) Bromoform	10.84	173	255181	50.523	ug/l #	95
73) Isopropylbenzene	11.00	105	1269995	48.387	ug/l	99
74) N-amyl acetate	10.88	43	589054	49.851	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	413125	47.554	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	505781	61.260	ug/l	84
77) Bromobenzene	11.24	156	338233	46.705	ug/l	98
78) n-propylbenzene	11.34	91	1478096	48.112	ug/l	100
79) 2-Chlorotoluene	11.40	91	896800	48.225	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1095308	48.797	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	137123	42.559	ug/l	98
82) 4-Chlorotoluene	11.49	91	1054693	47.711	ug/l	99
83) tert-Butylbenzene	11.76	119	1089952	50.013	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1123449	49.698	ug/l	99
85) sec-Butylbenzene	11.93	105	1247815	48.526	ug/l	99
86) p-Isopropyltoluene	12.05	119	1185141	50.148	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	599752	46.061	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	619941	46.957	ug/l	99
89) n-Butylbenzene	12.37	91	1023988	46.804	ug/l	99
90) Hexachloroethane	12.58	117	220581	46.752	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	582564	47.802	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105910	50.219	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
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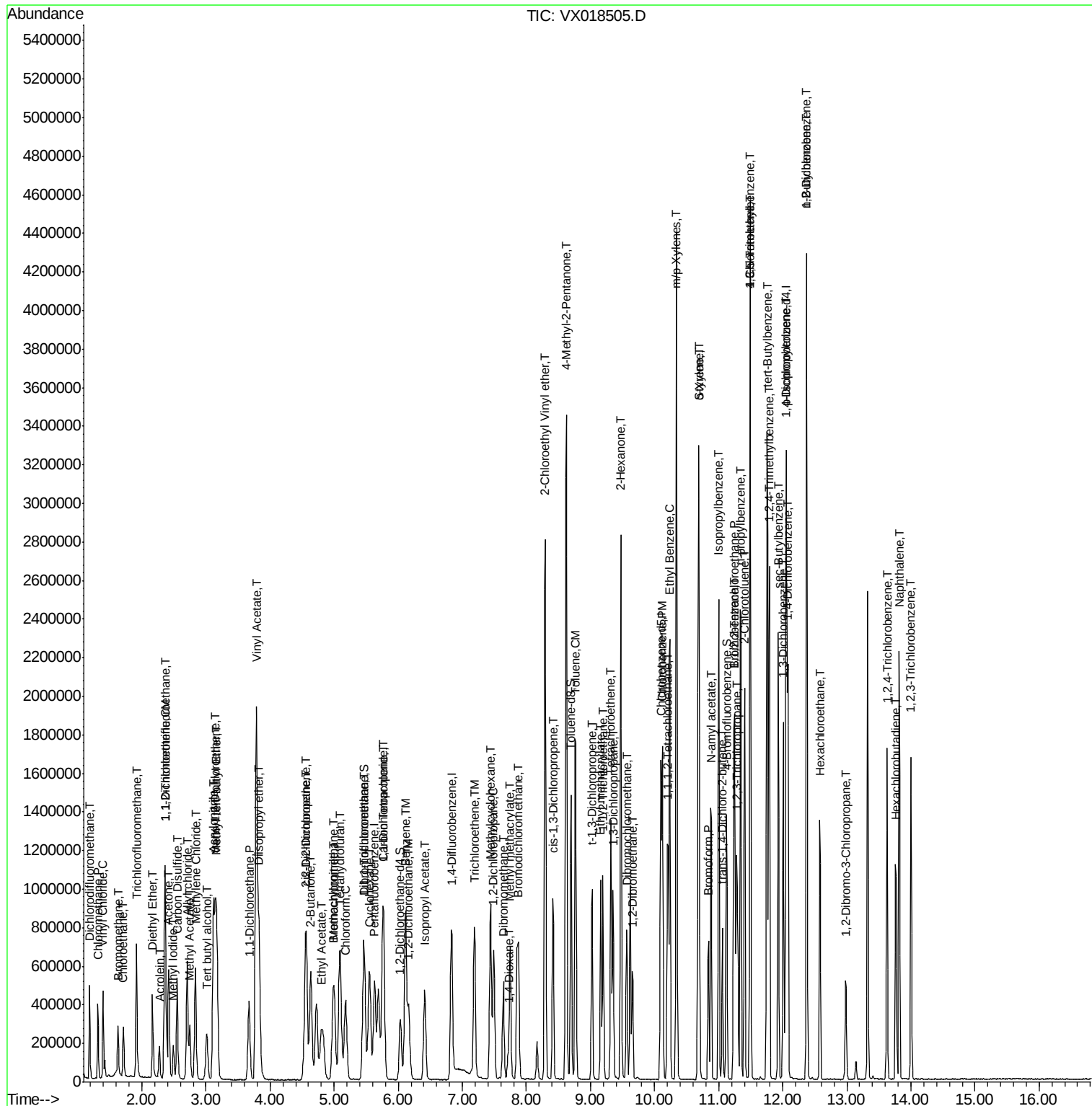
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	406449	47.920	ug/l	94
94) Hexachlorobutadiene	13.77	225	161626	45.410	ug/l	98
95) Naphthalene	13.82	128	1278403	49.907	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	390414	48.163	ug/l	100

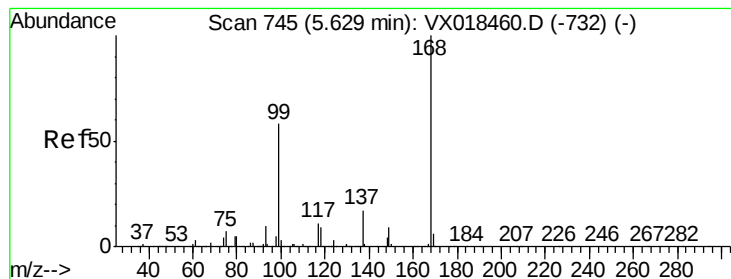
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

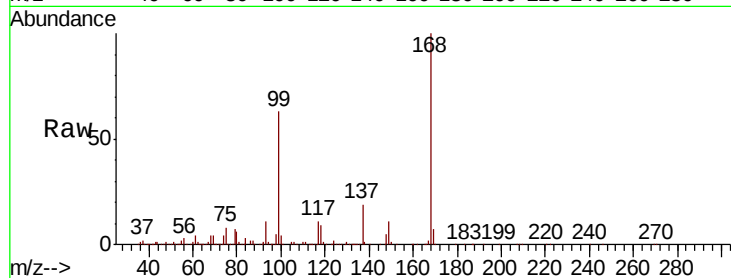
VSTDCCC050EC

Tot Ion:168 Resp: 469986

Ion Ratio Lower Upper

168 100

99 62.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

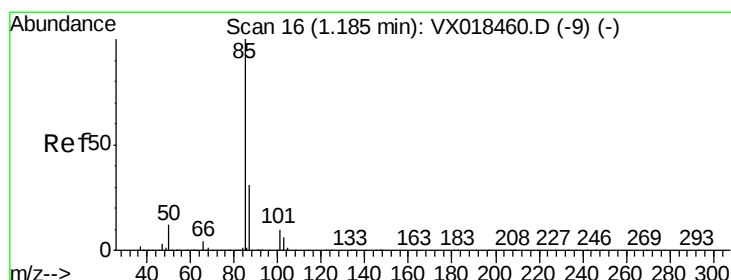
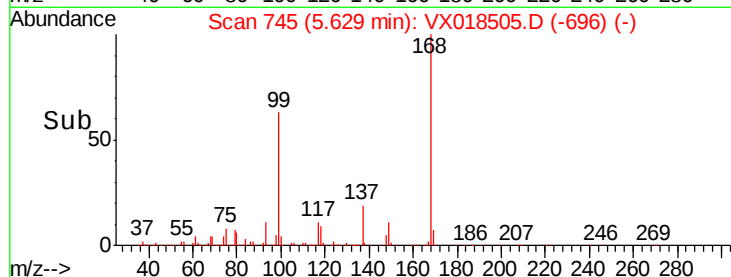
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.851 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018505.D

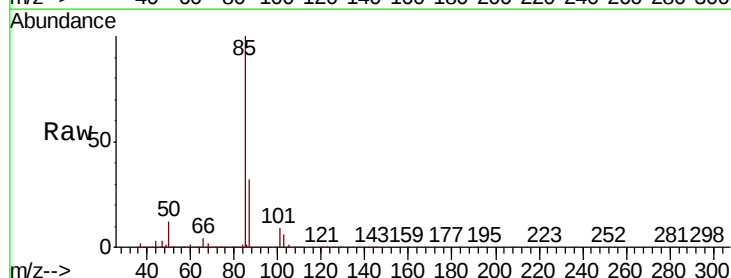
Acq: 18 Sep 2020 20:05

Tgt Ion: 85 Resp: 235496

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

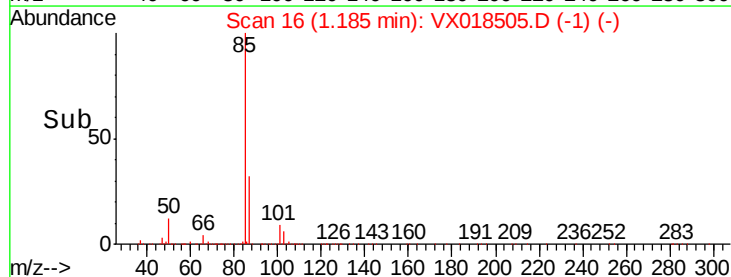
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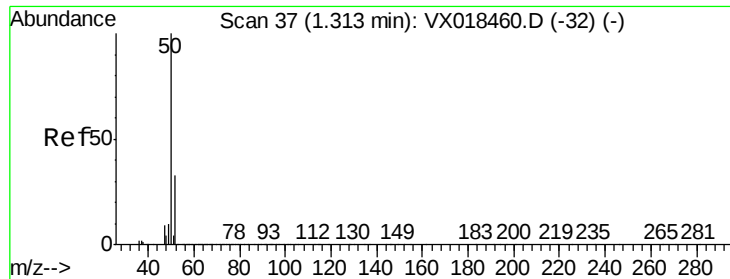
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.976 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

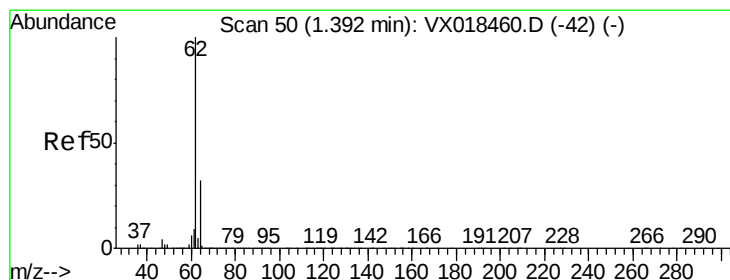
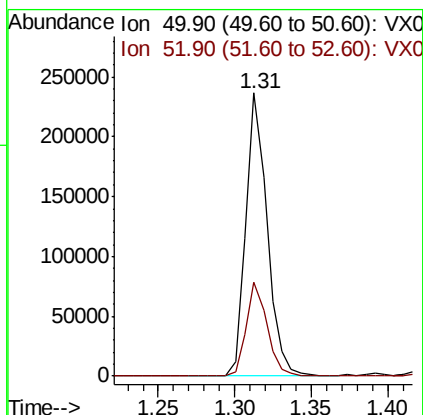
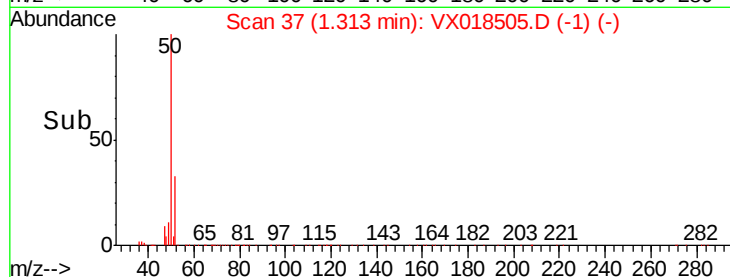
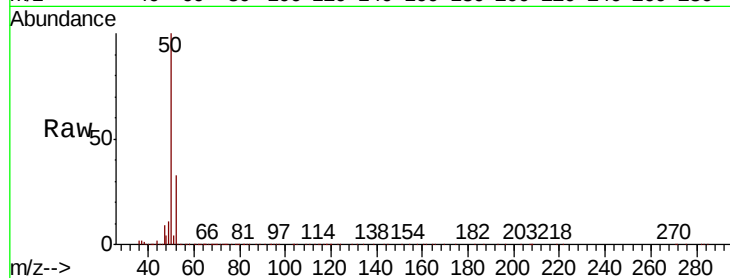
VSTDCCC050EC

Tot Ion: 50 Resp: 229407

Ion Ratio Lower Upper

50 100

52 33.1 26.6 40.0



#4

Vinyl Chloride

Concen: 48.260 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018505.D

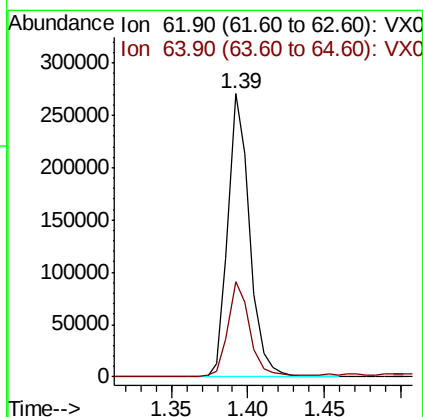
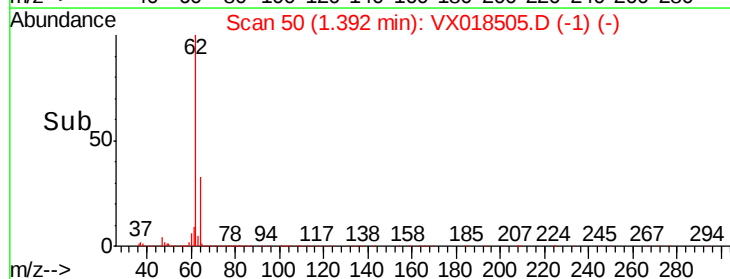
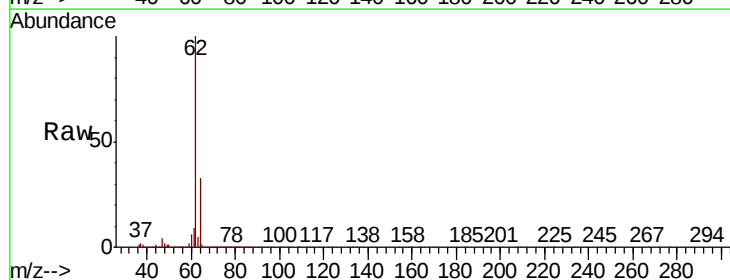
Acq: 18 Sep 2020 20:05

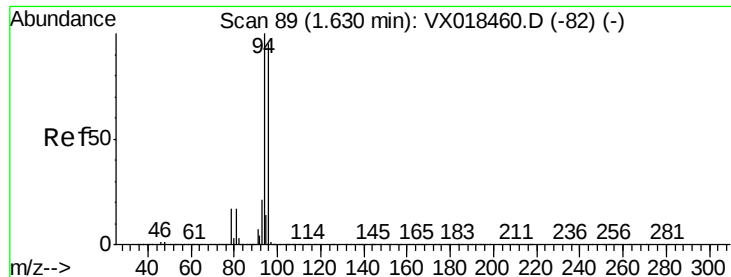
Tgt Ion: 62 Resp: 266523

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 32.436 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

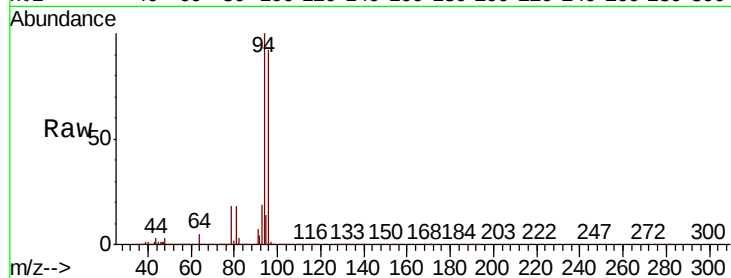
VSTDCCC050EC

Tot Ion: 94 Resp: 109946

Ion Ratio Lower Upper

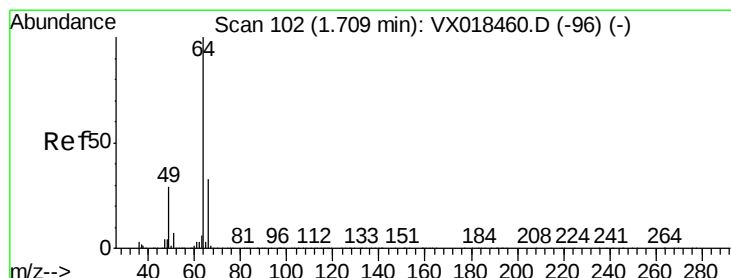
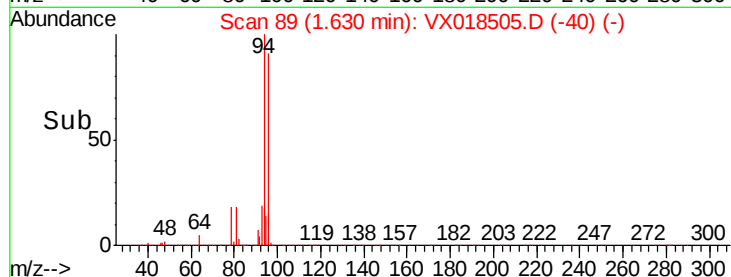
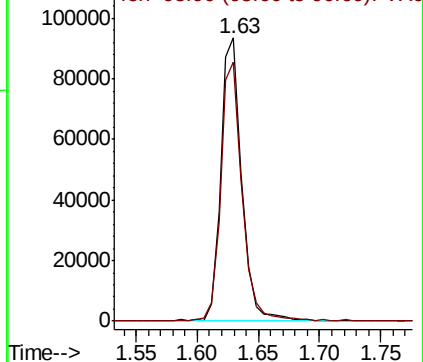
94 100

96 91.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.283 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018505.D

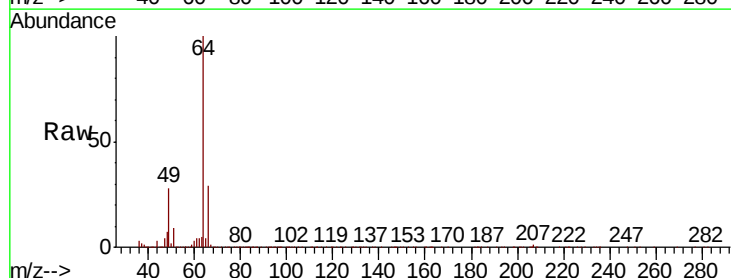
Acq: 18 Sep 2020 20:05

Tgt Ion: 64 Resp: 158930

Ion Ratio Lower Upper

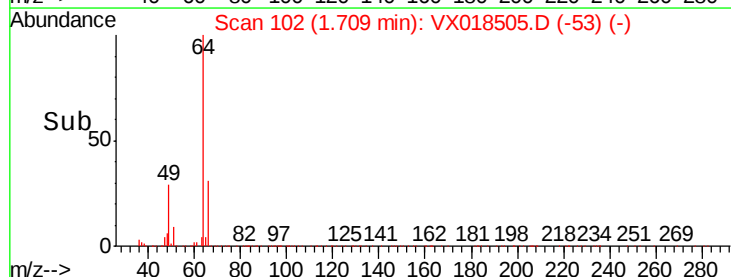
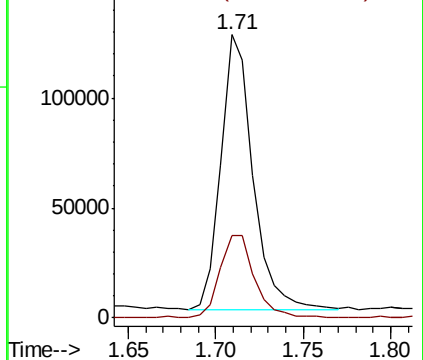
64 100

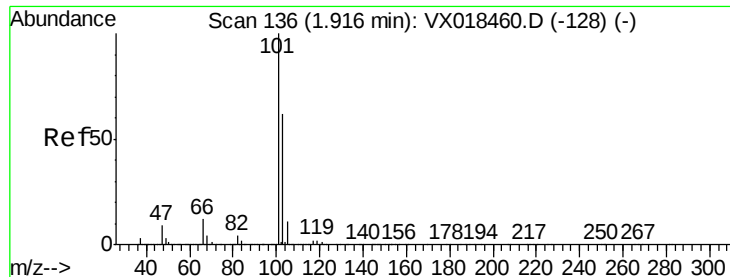
66 29.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



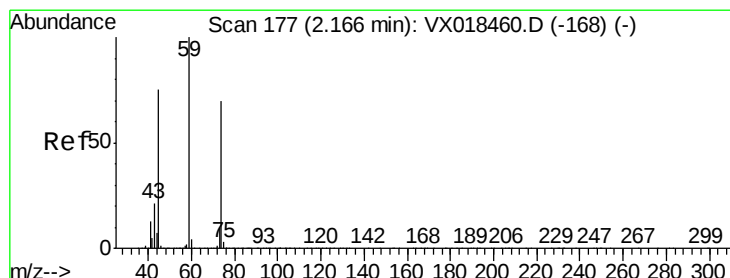
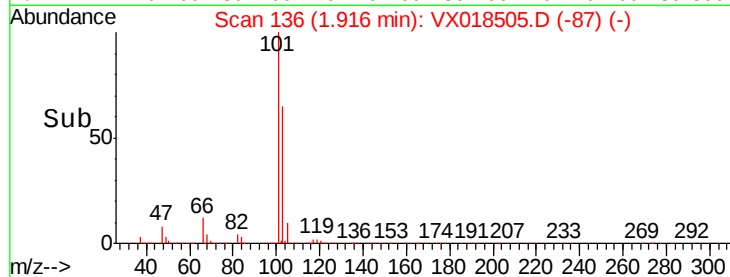
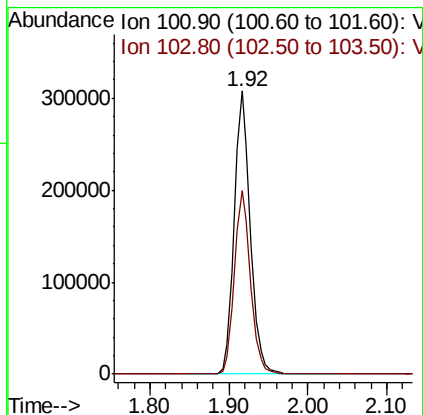
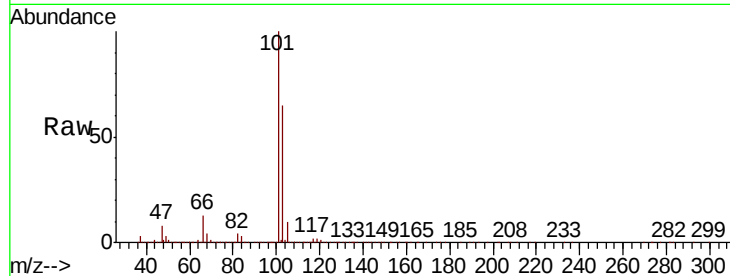


#7

Trichlorofluoromethane
 Concen: 52.057 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018505.D
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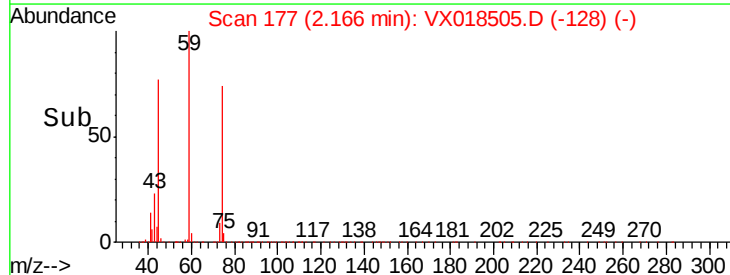
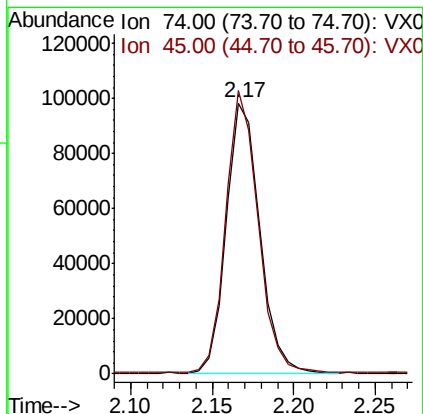
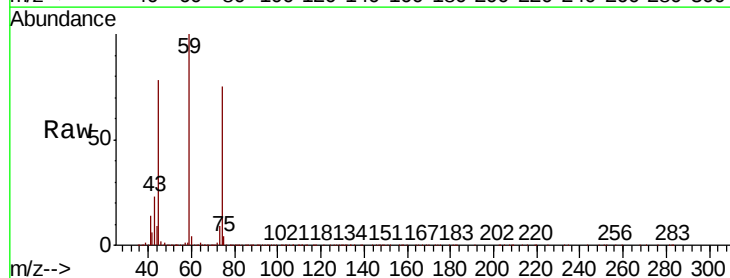
Tot Ion:101 Resp: 436749
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.6 74.4

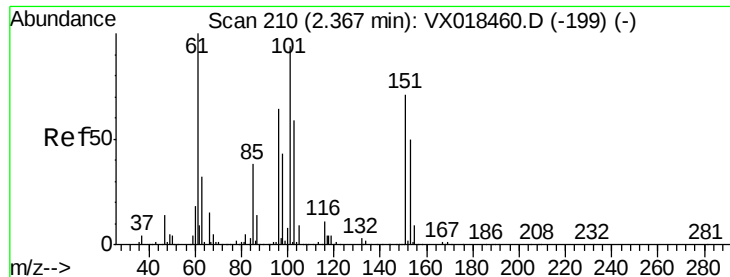


#8

Diethyl Ether
 Concen: 47.610 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion: 74 Resp: 140144
 Ion Ratio Lower Upper
 74 100
 45 100.2 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.413 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

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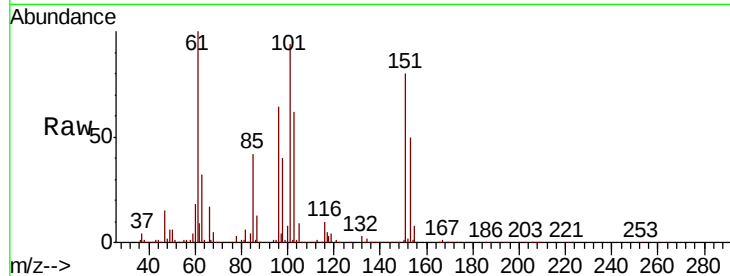
Tot Ion:101 Resp: 223141

Ion Ratio Lower Upper

101 100

85 45.4 34.7 52.1

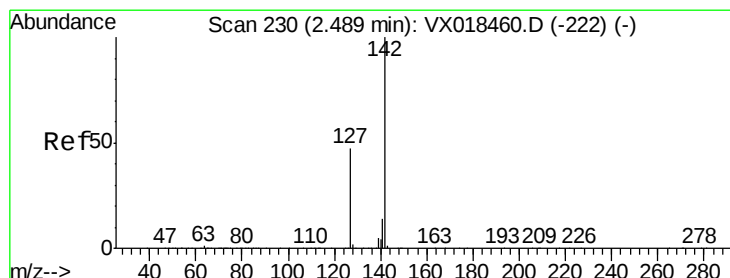
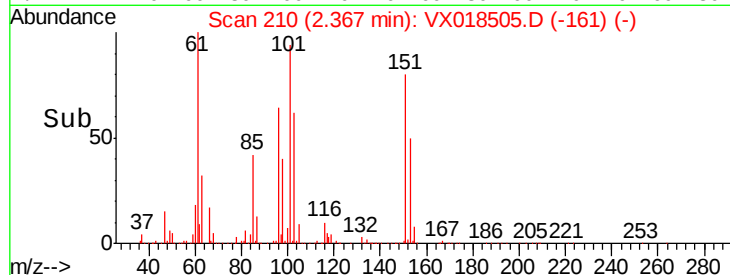
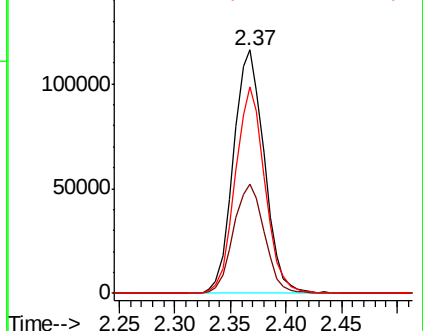
151 81.4 64.9 97.3



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: 31.428 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

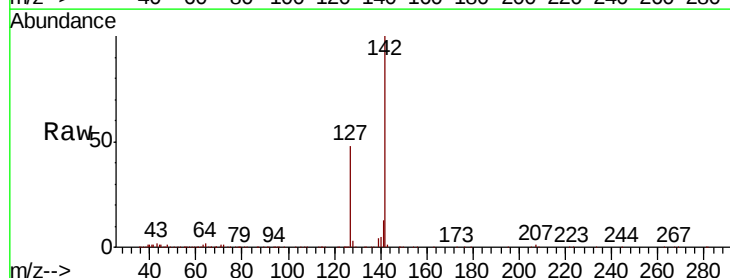
Tgt Ion:142 Resp: 164291

Ion Ratio Lower Upper

142 100

127 48.1 36.0 54.0

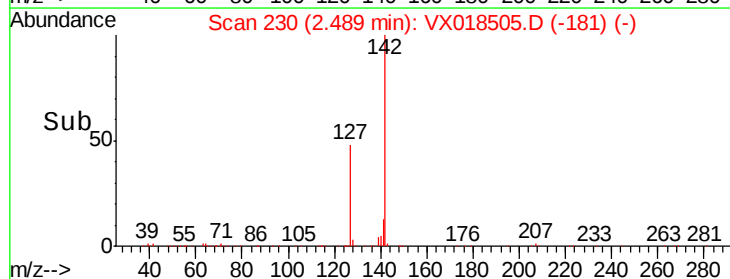
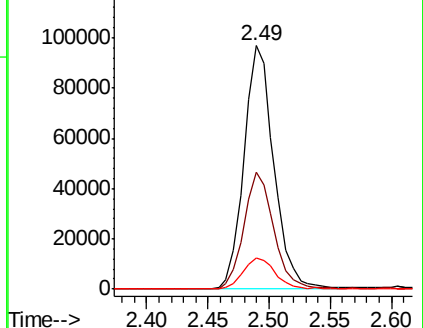
141 13.9 11.9 17.9

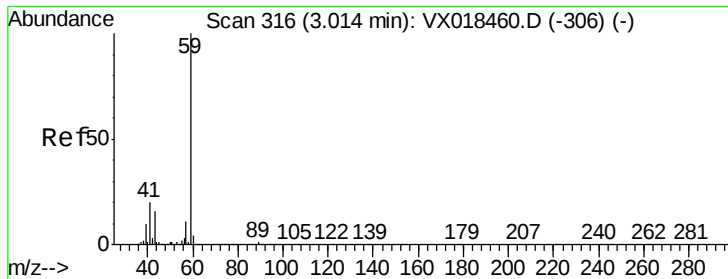


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



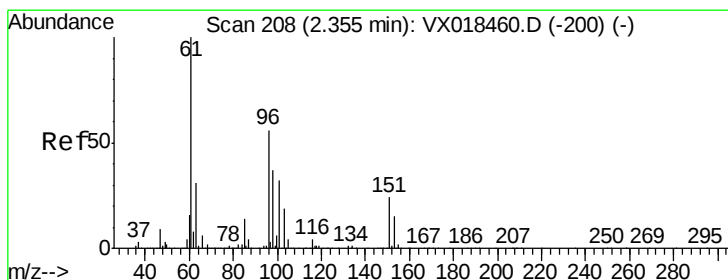
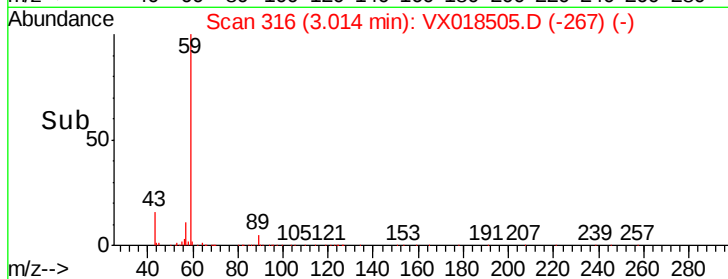
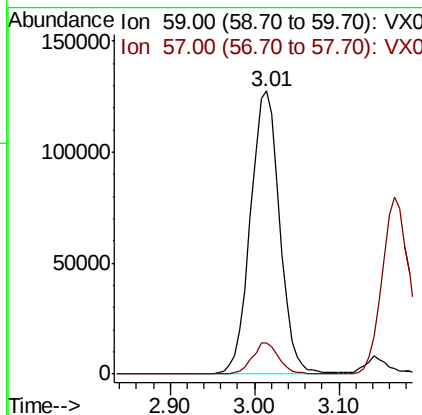
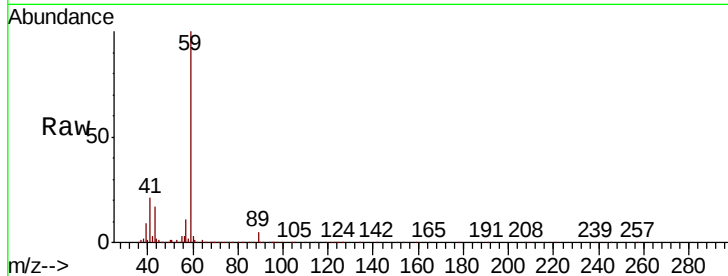


#11

Tert butyl alcohol
Concen: 260.095 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

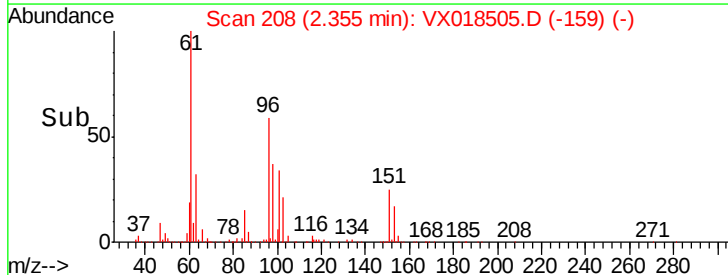
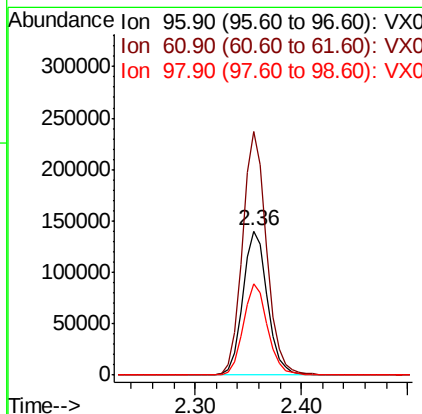
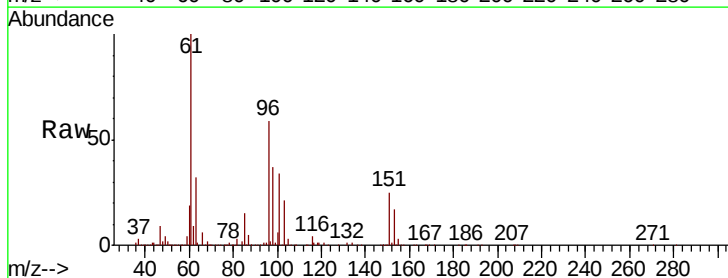
Tot Ion: 59 Resp: 300889
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

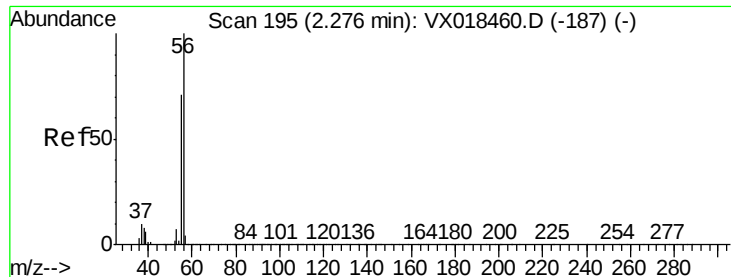


#12

1,1-Dichloroethene
Concen: 49.835 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 96 Resp: 226826
Ion Ratio Lower Upper
96 100
61 168.9 142.2 213.4
98 63.2 52.4 78.6





#13

Acrolein

Concen: 167.291 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

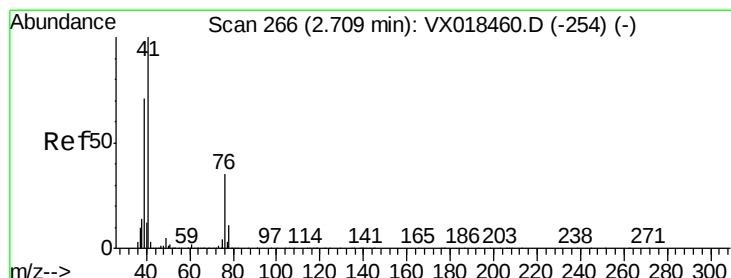
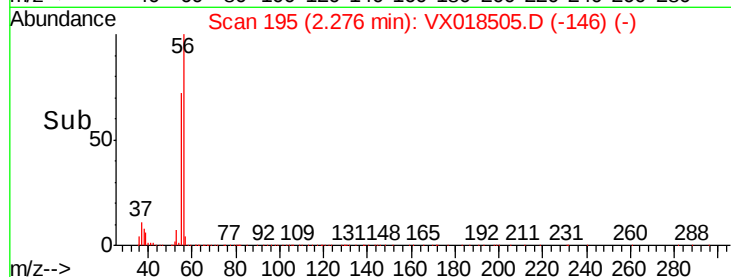
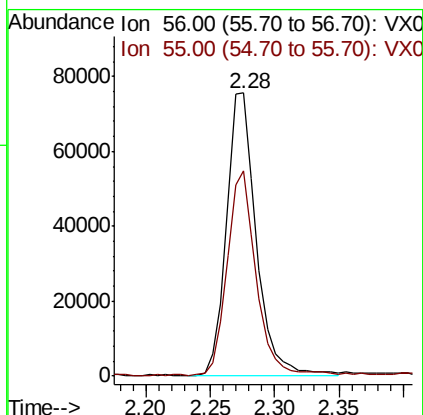
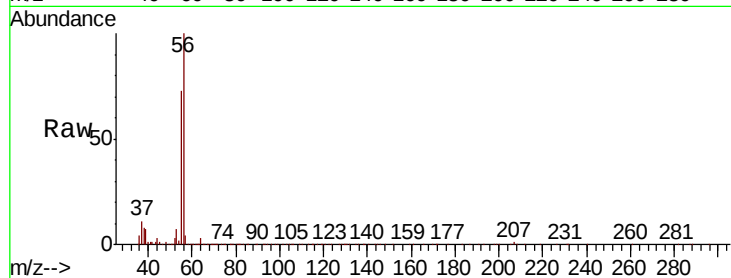
VSTDCCC050EC

Tot Ion: 56 Resp: 122540

Ion Ratio Lower Upper

56 100

55 69.9 58.2 87.4



#14

Allyl chloride

Concen: 47.634 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

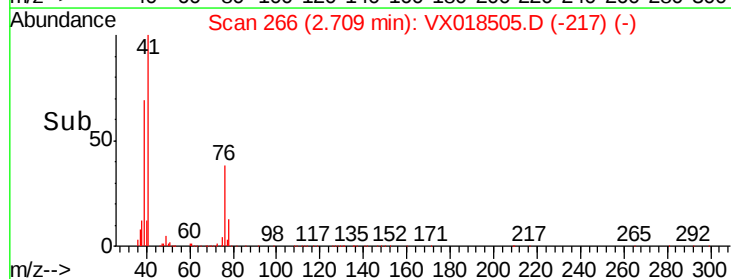
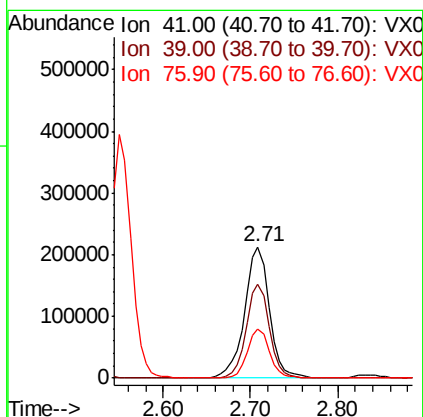
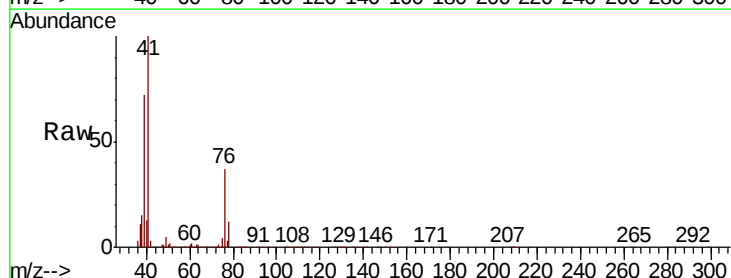
Tgt Ion: 41 Resp: 420135

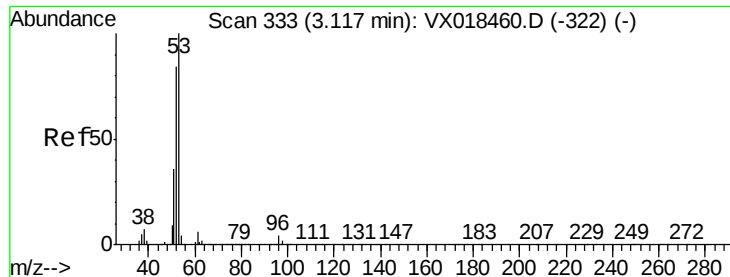
Ion Ratio Lower Upper

41 100

39 66.1 51.1 76.7

76 32.9 26.0 39.0





#15

Acrylonitrile

Concen: 254.027 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

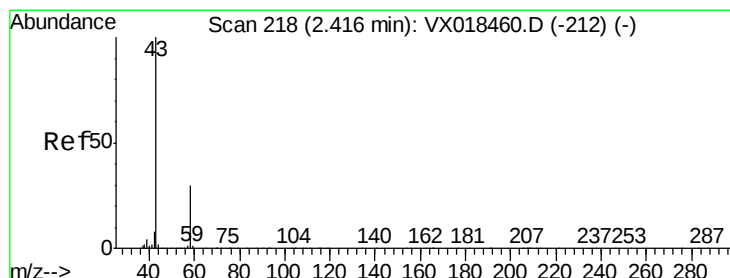
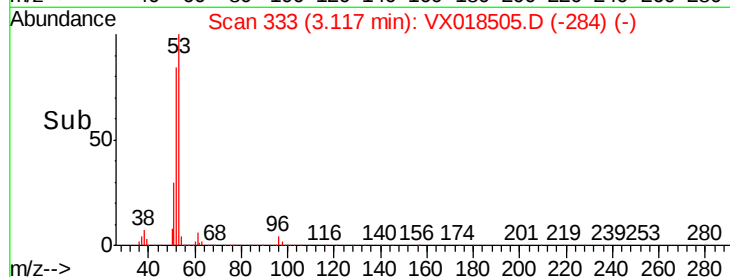
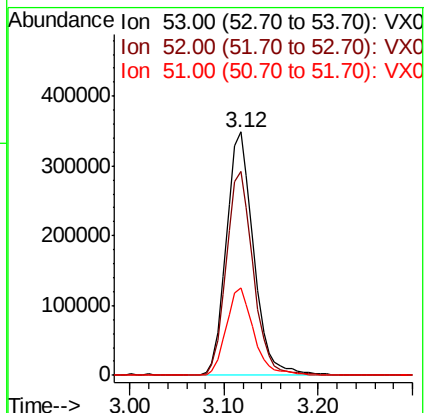
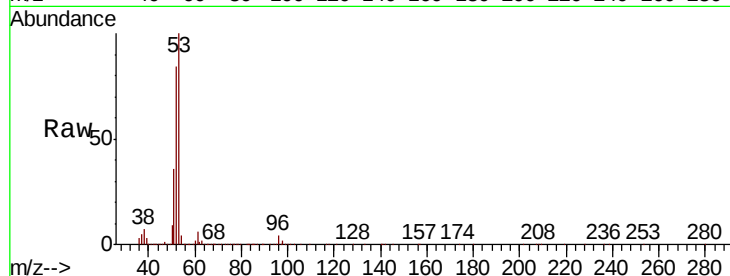
Tot Ion: 53 Resp: 701183

Ion Ratio Lower Upper

53 100

52 83.0 65.8 98.8

51 36.5 29.2 43.8



#16

Acetone

Concen: 238.644 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018505.D

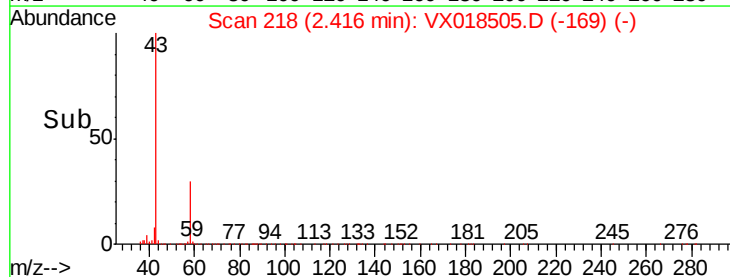
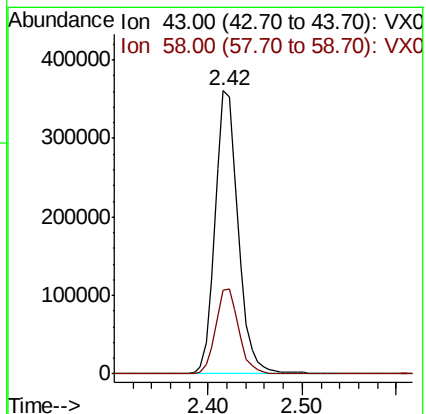
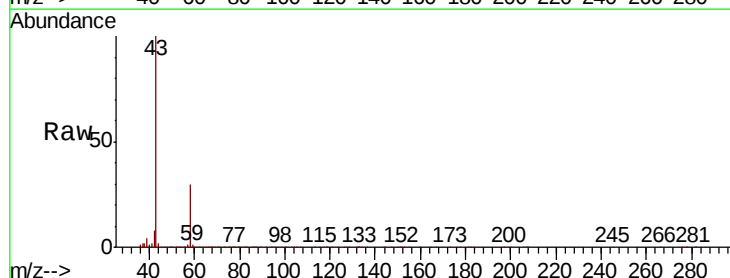
Acq: 18 Sep 2020 20:05

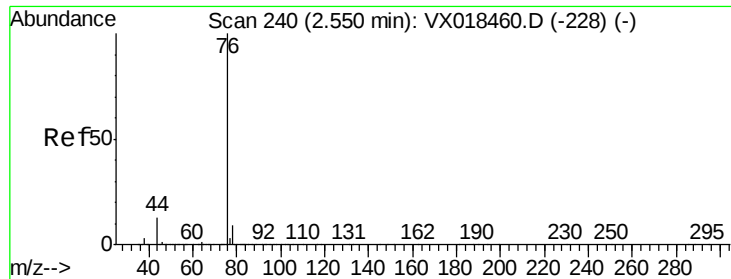
Tgt Ion: 43 Resp: 606803

Ion Ratio Lower Upper

43 100

58 29.7 24.0 36.0

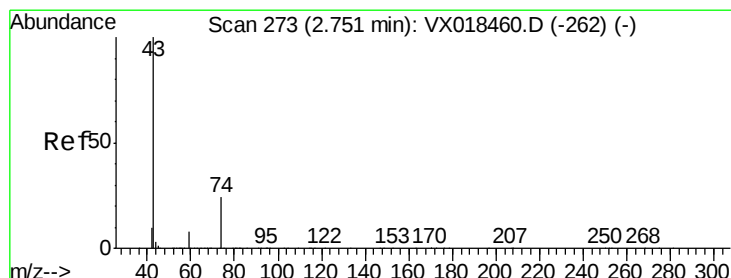
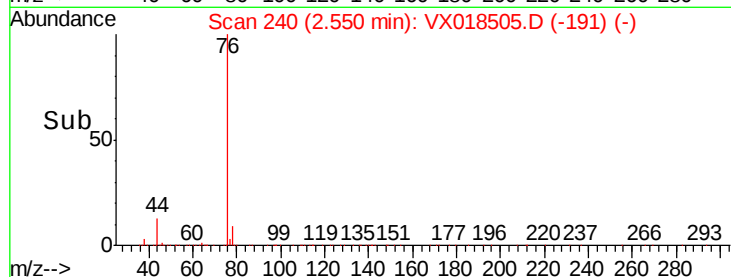
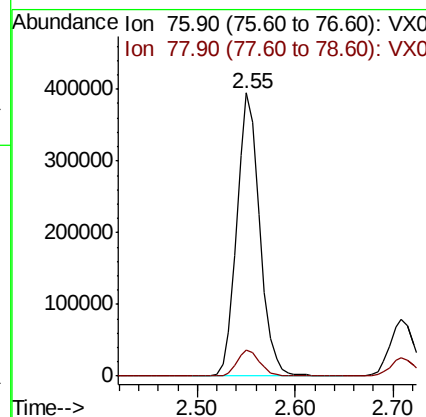
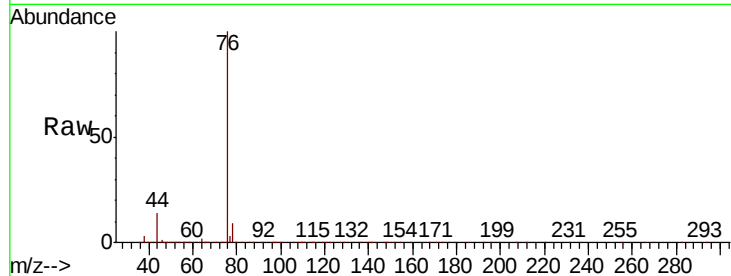




#17
Carbon Disulfide
Concen: 47.113 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

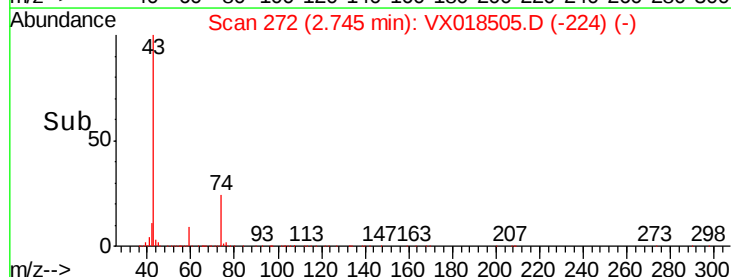
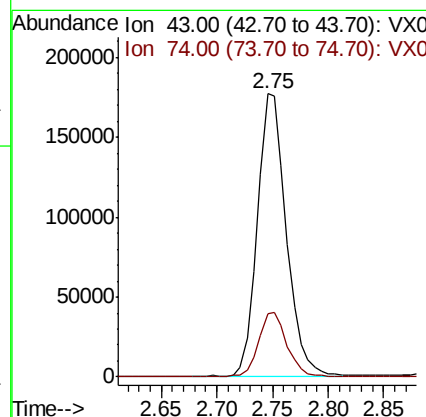
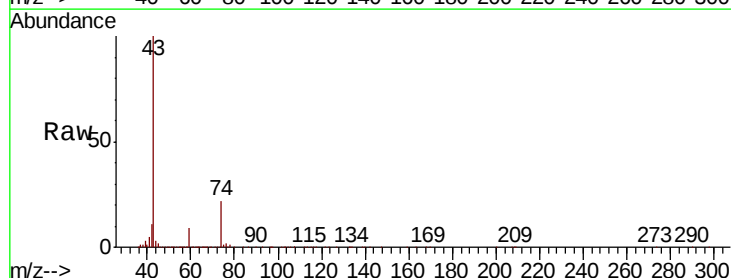
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

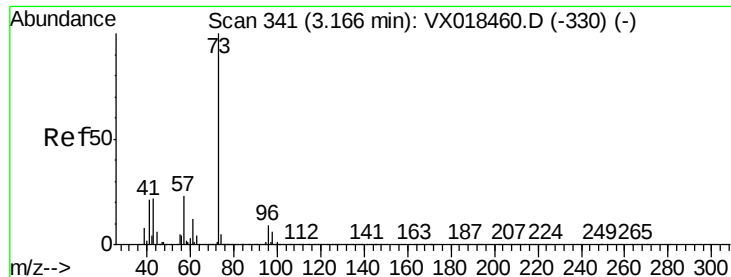
Tot Ion: 76 Resp: 640416
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 50.951 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 43 Resp: 320988
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5



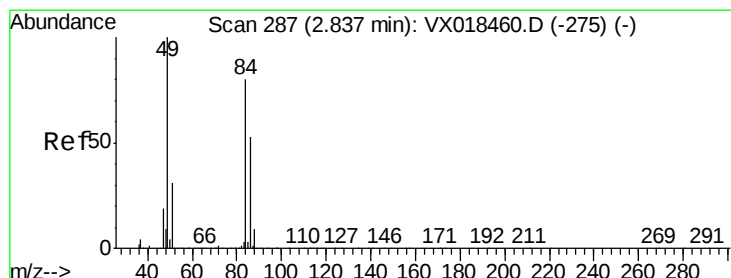
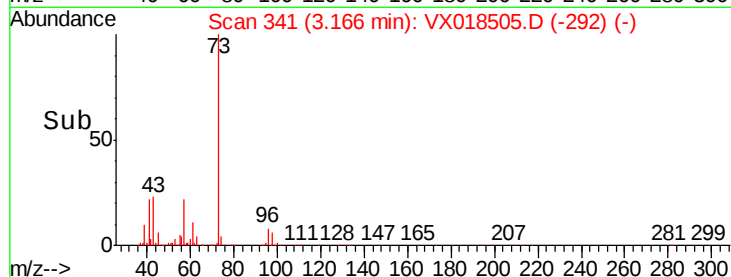
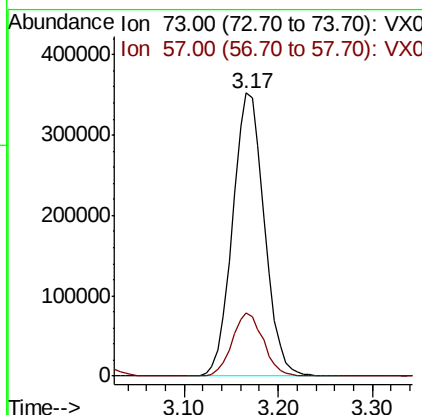
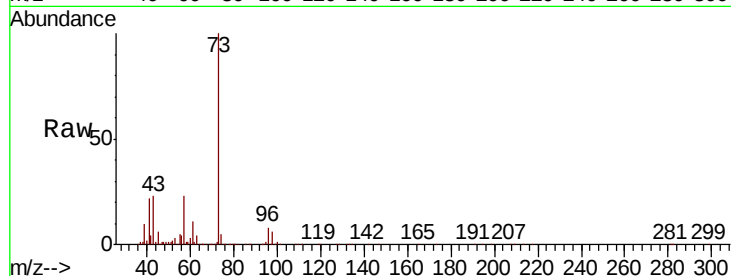


#19

Methyl tert-butyl Ether
 Concen: 51.628 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

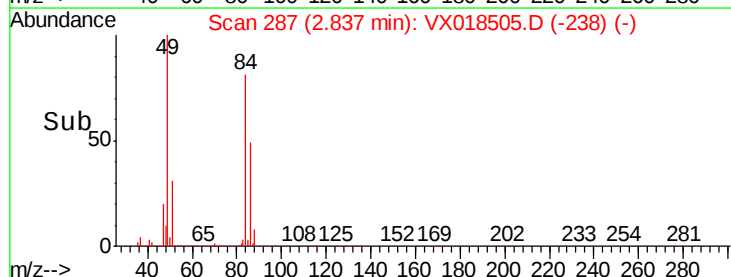
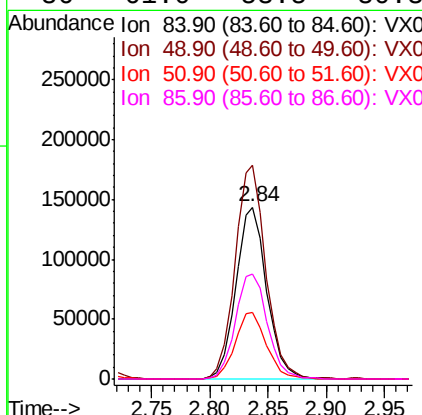
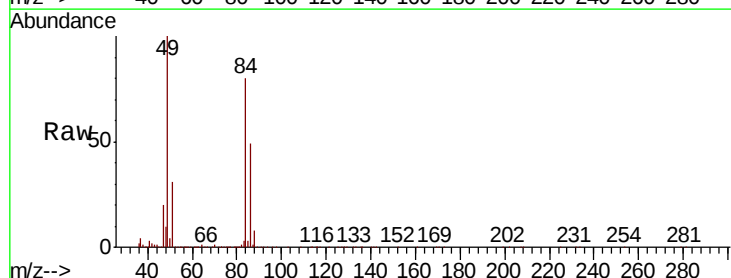
Tot Ion: 73 Resp: 824888
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.0 27.0

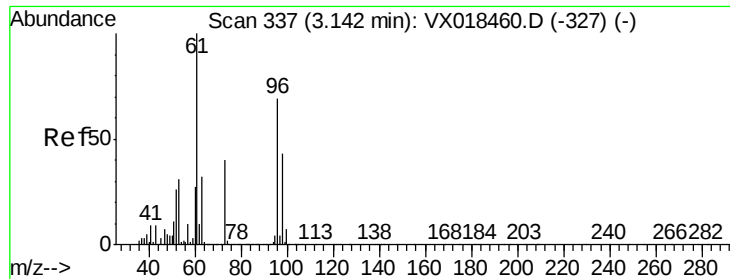


#20

Methylene Chloride
 Concen: 47.242 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion: 84 Resp: 265039
 Ion Ratio Lower Upper
 84 100
 49 124.0 100.6 151.0
 51 39.1 30.9 46.3
 86 61.0 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 48.209 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

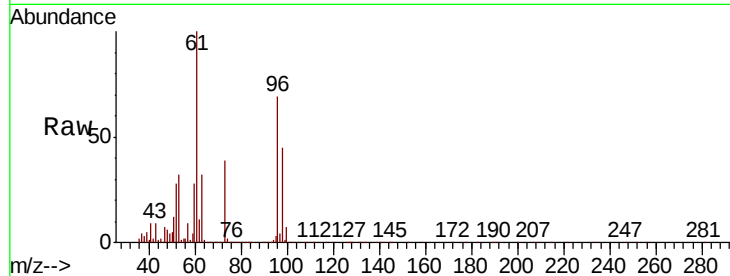
Tot Ion: 96 Resp: 255012

Ion Ratio Lower Upper

96 100

61 144.4 115.6 173.4

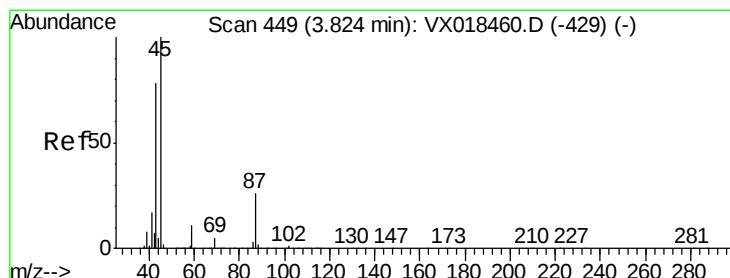
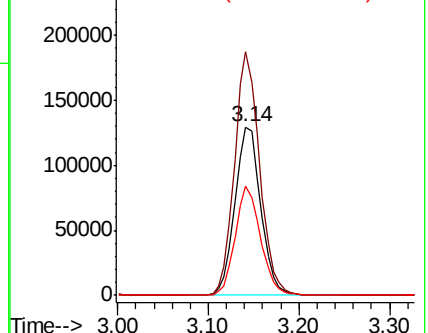
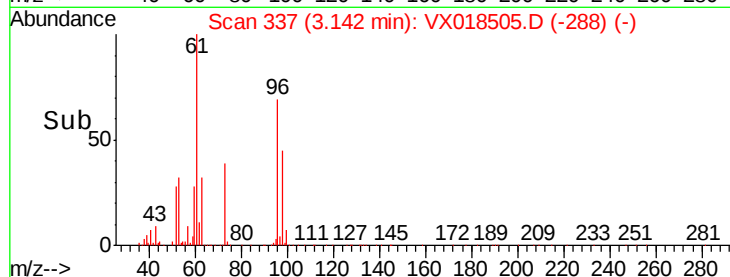
98 64.9 50.2 75.4



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: 50.006 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion: 45 Resp: 829044

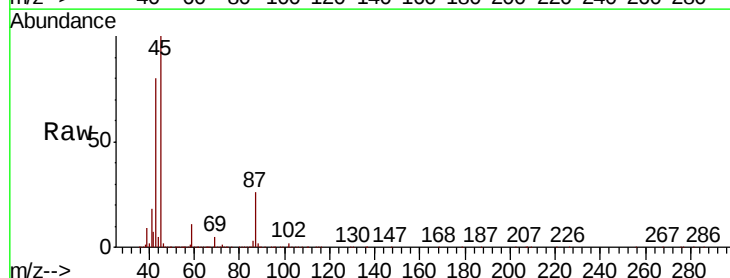
Ion Ratio Lower Upper

45 100

43 80.0 62.4 93.6

87 26.4 21.2 31.8

59 10.9 8.9 13.3

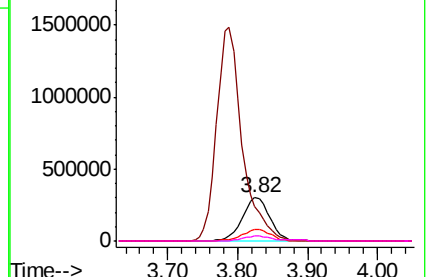
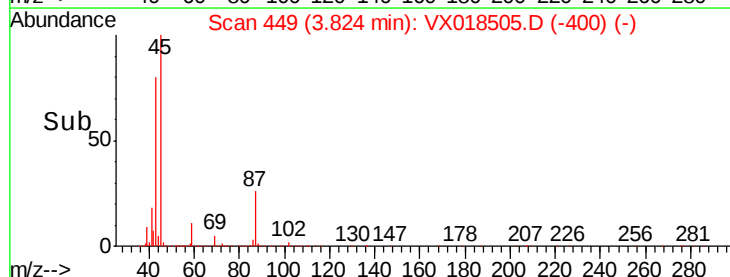


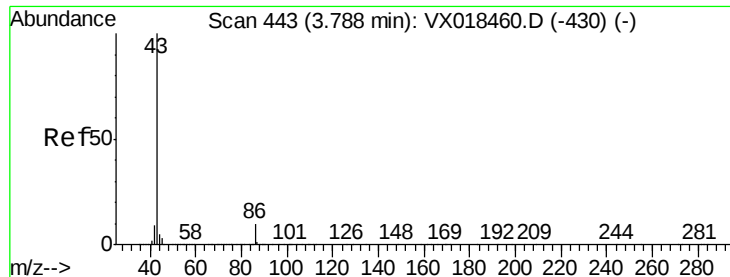
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.331 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

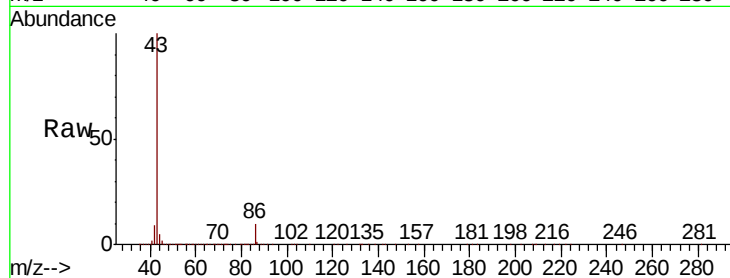
VSTDCCC050EC

Tot Ion: 43 Resp: 3780442

Ion Ratio Lower Upper

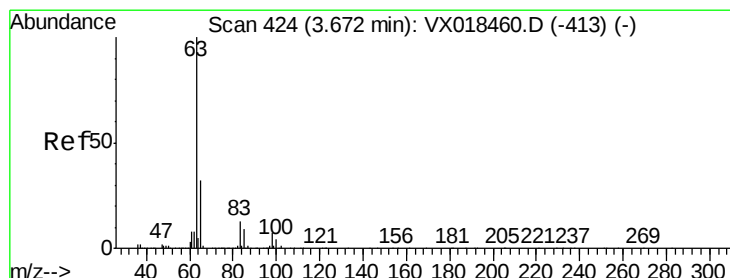
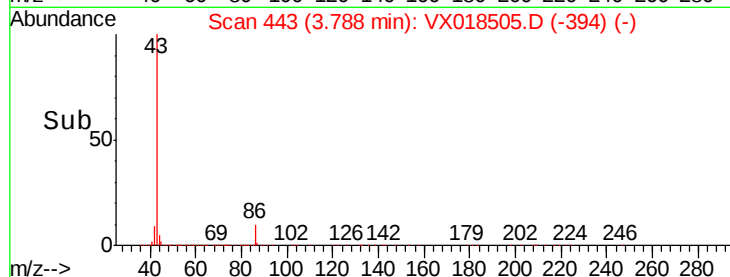
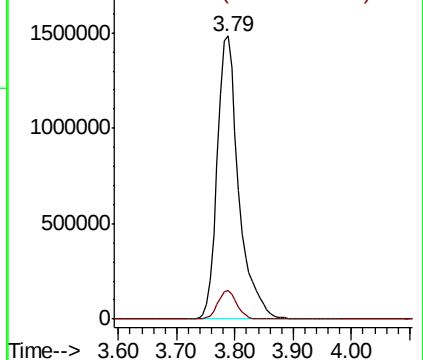
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.471 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

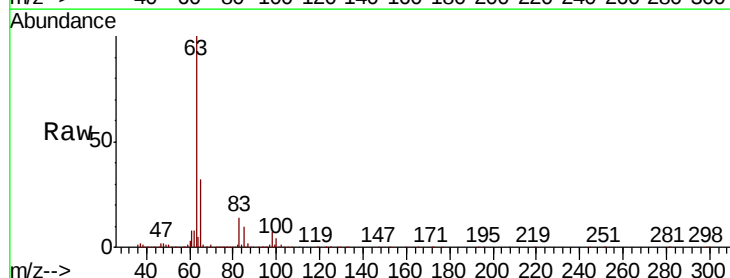
Tgt Ion: 63 Resp: 473005

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

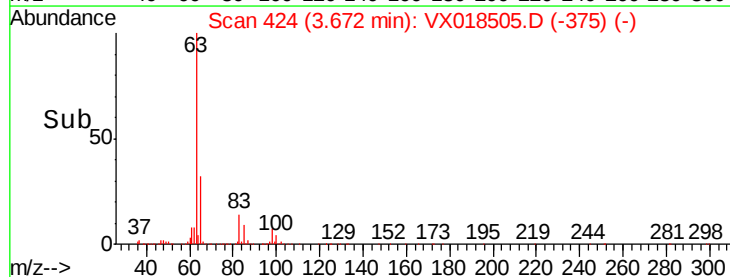
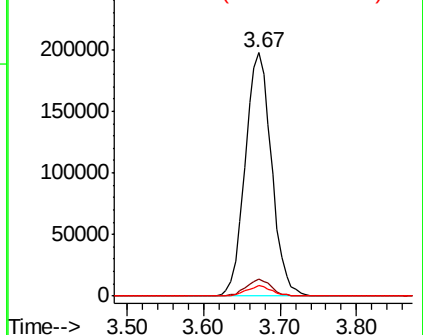
100 4.2 1.9 5.7

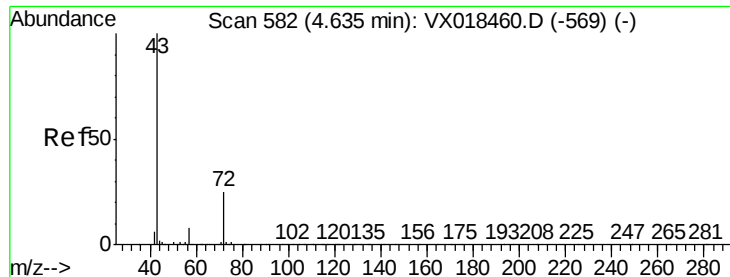


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

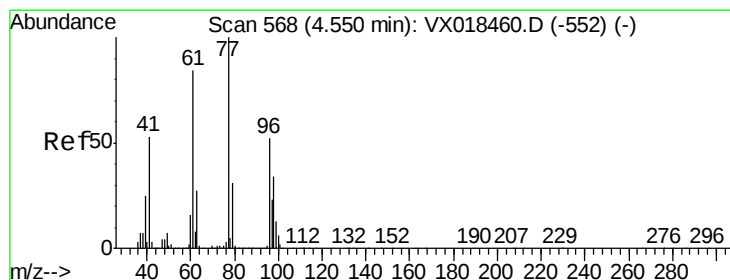
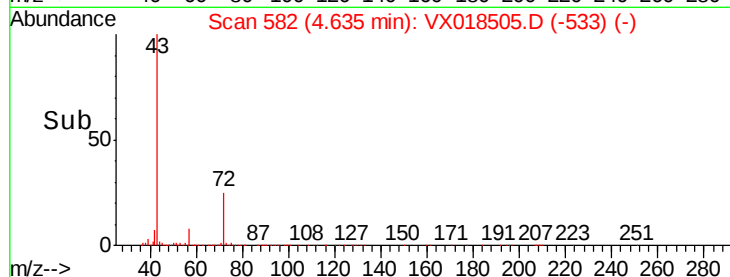
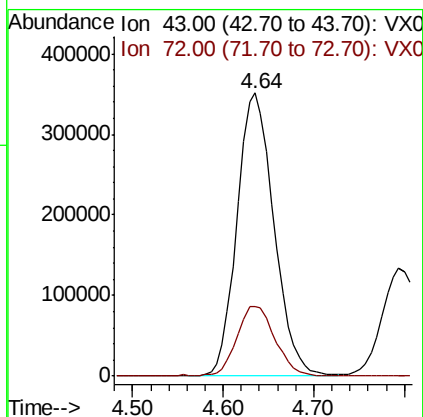
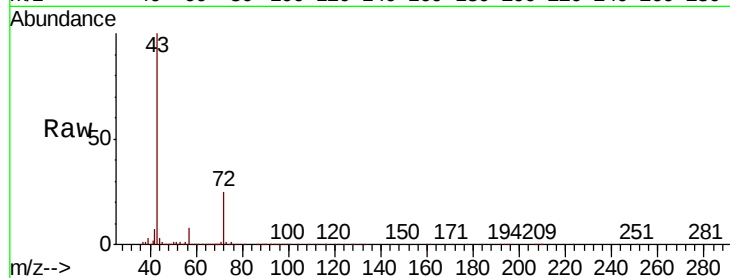




#25
2-Butanone
Concen: 249.726 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

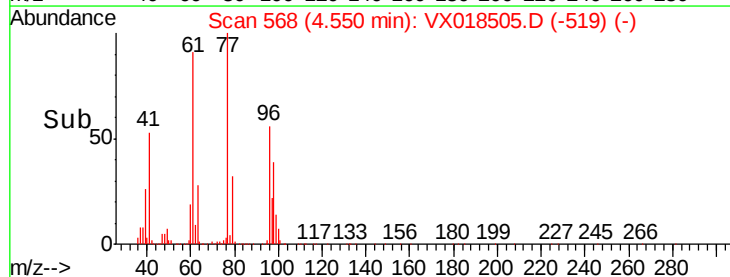
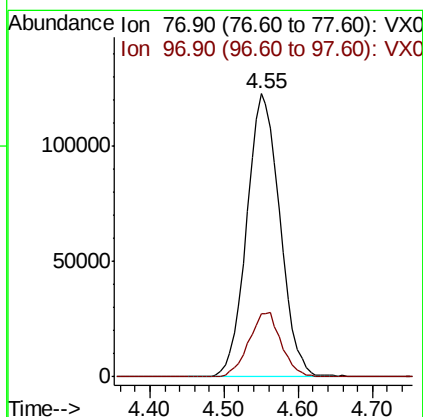
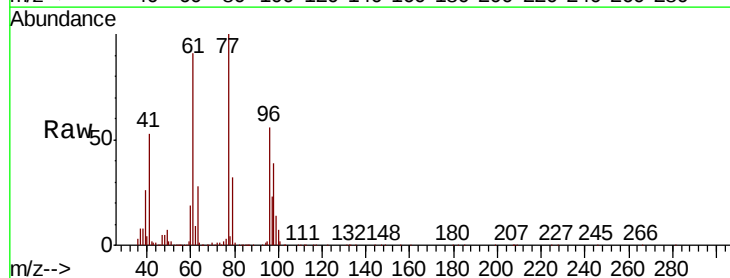
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

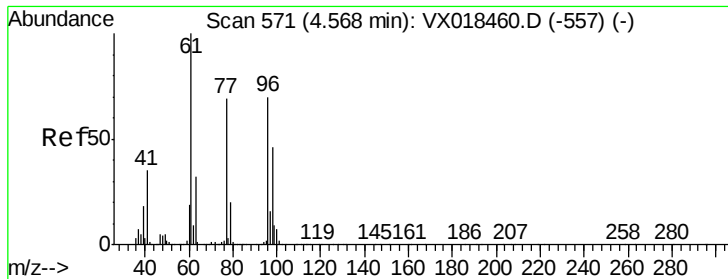
Tot Ion: 43 Resp: 988835
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.4



#26
2,2-Dichloropropane
Concen: 43.451 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 77 Resp: 383856
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5



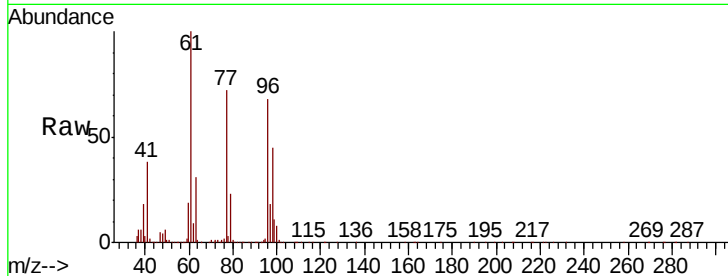


#27

cis-1,2-Dichloroethene
Concen: 47.948 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	300.0
98	65.1	0.0	130.4

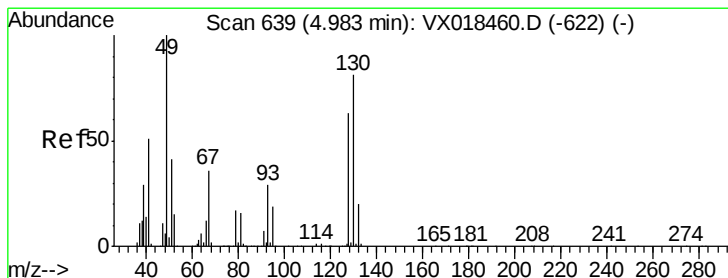
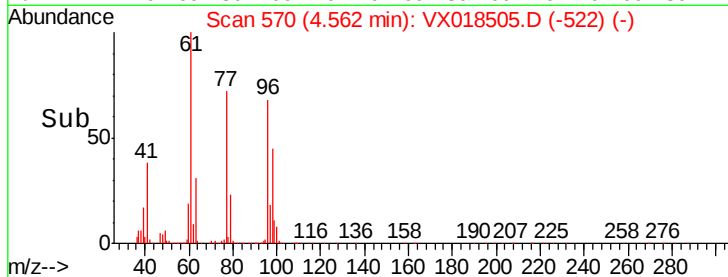
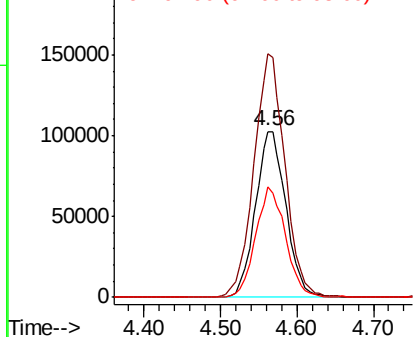


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

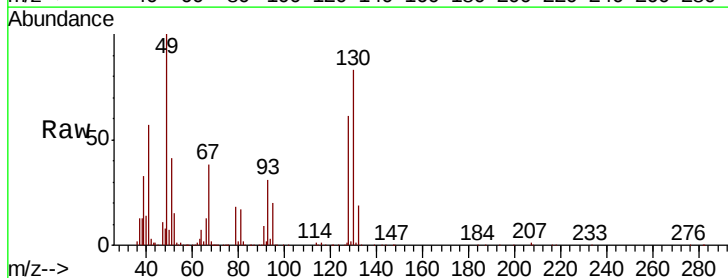
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 46.055 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	80.4	65.0	97.4

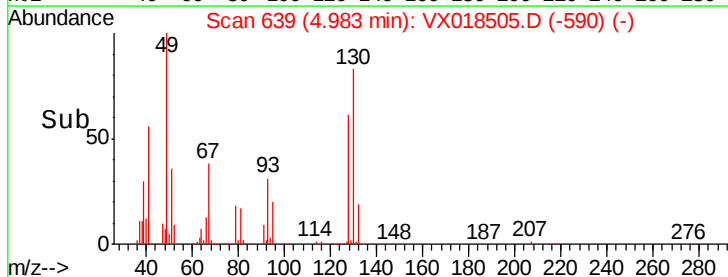
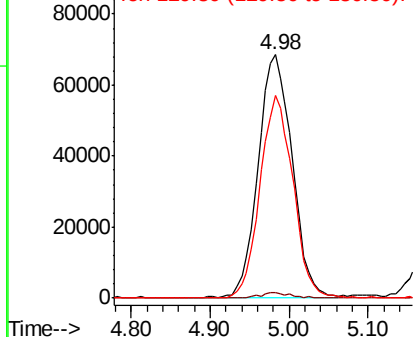


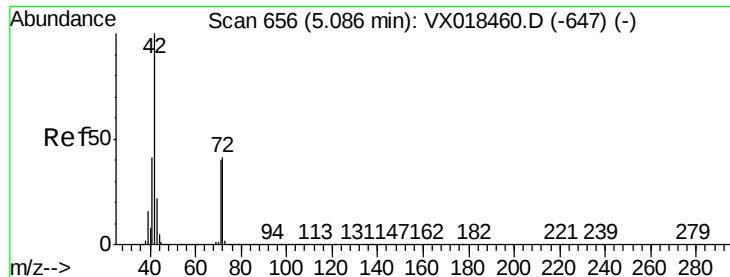
Abundance

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: 256.008 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

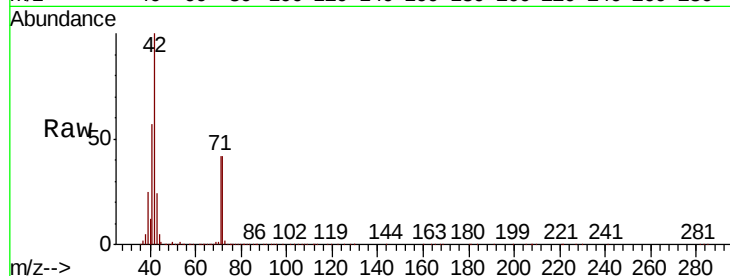
Tot Ion: 42 Resp: 638925

Ion Ratio Lower Upper

42 100

72 43.3 34.3 51.5

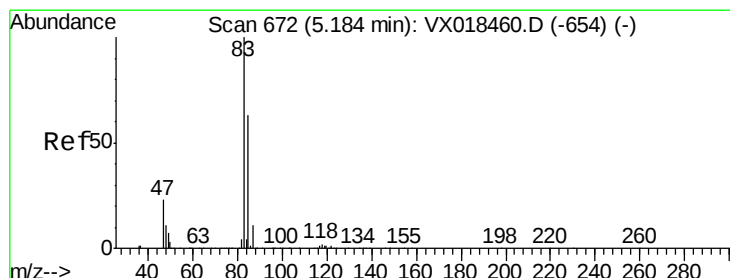
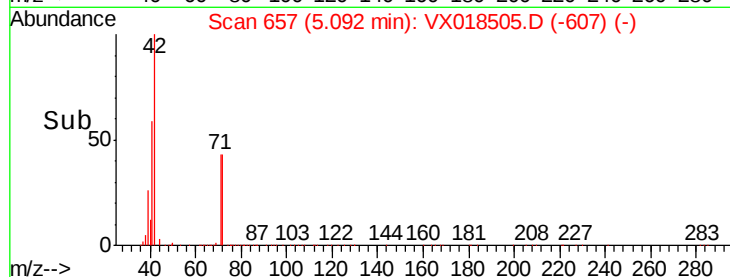
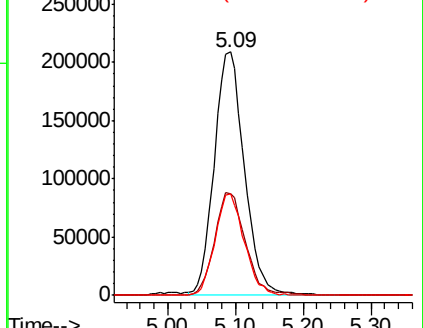
71 40.8 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.955 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018505.D

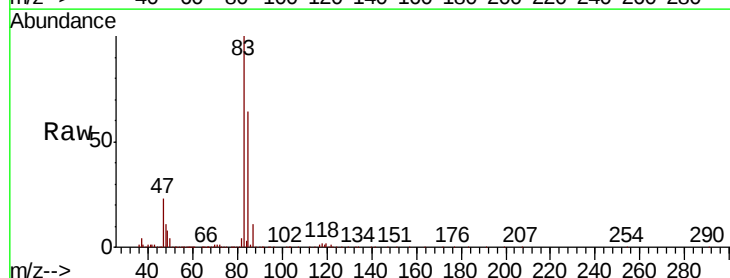
Acq: 18 Sep 2020 20:05

Tgt Ion: 83 Resp: 494326

Ion Ratio Lower Upper

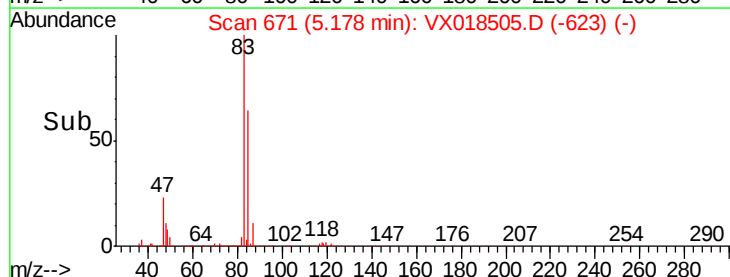
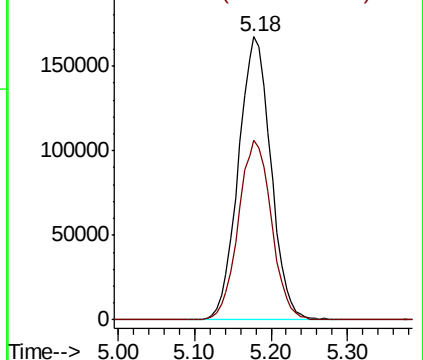
83 100

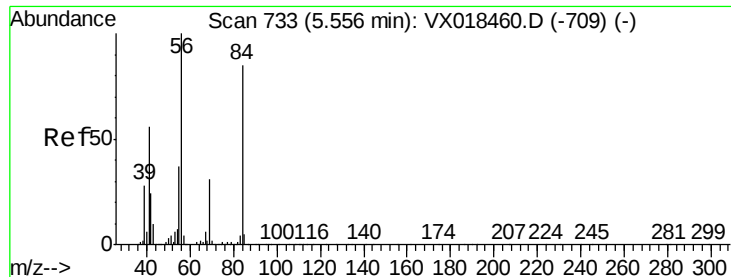
85 63.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

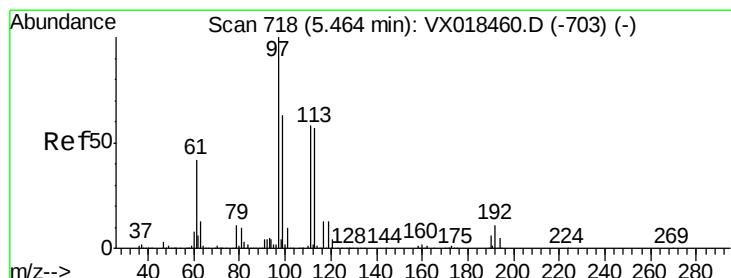
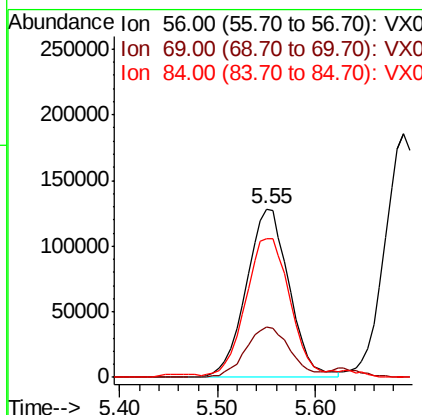
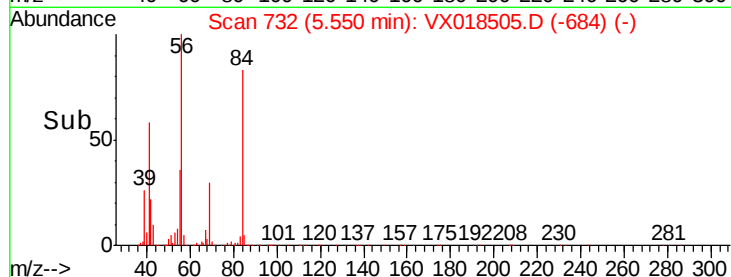
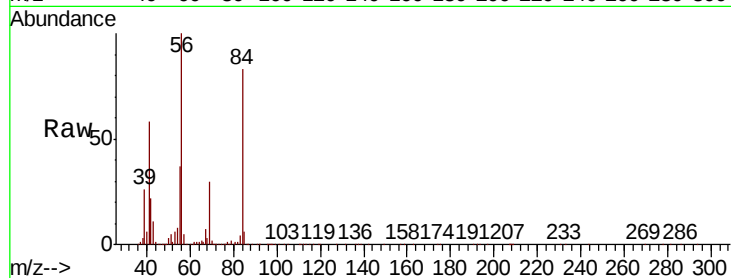




#31
Cvclohexane
Concen: 48.446 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

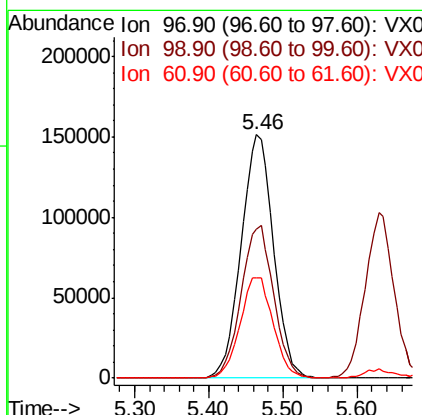
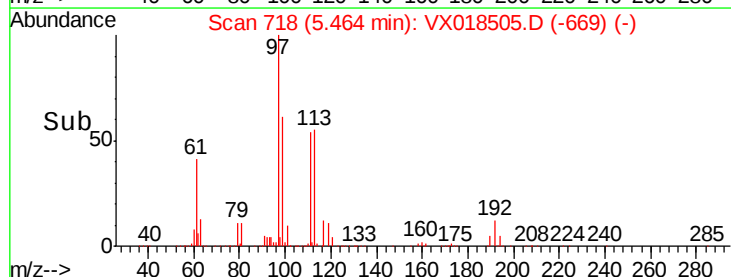
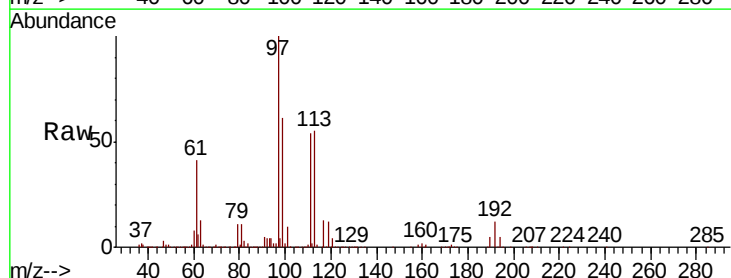
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

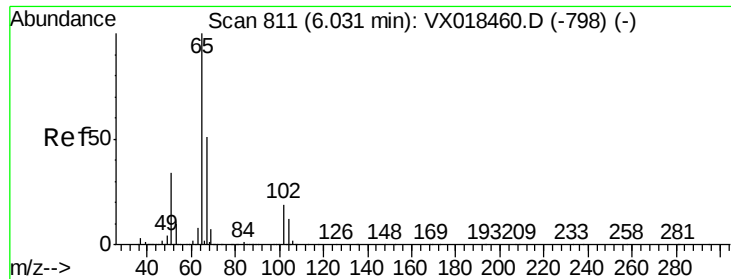
Tot Ion: 56 Resp: 389793
Ion Ratio Lower Upper
56 100
69 30.0 24.8 37.2
84 80.5 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 50.837 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 97 Resp: 462678
Ion Ratio Lower Upper
97 100
99 62.8 50.5 75.7
61 42.2 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 46.696 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

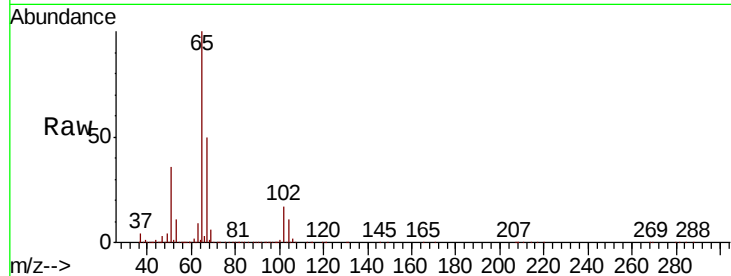
VSTDCCC050EC

Tot Ion: 65 Resp: 310469

Ion Ratio Lower Upper

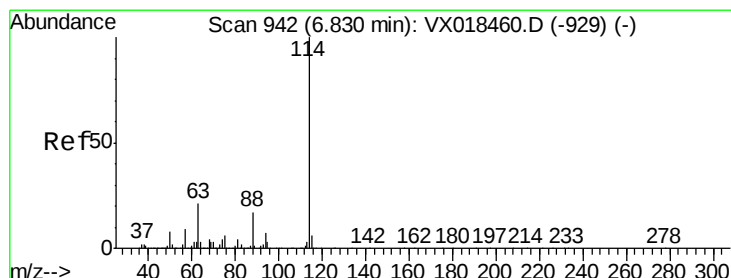
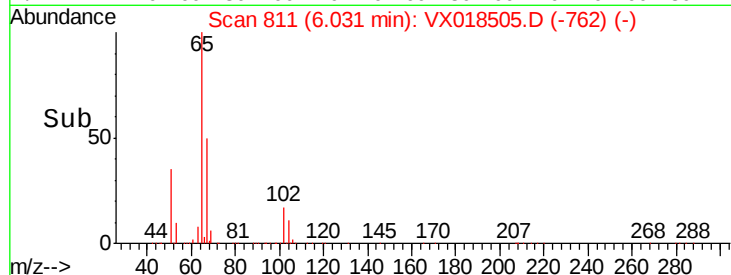
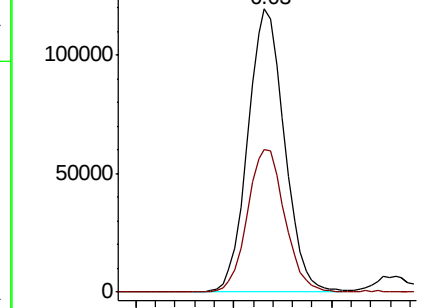
65 100

67 51.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

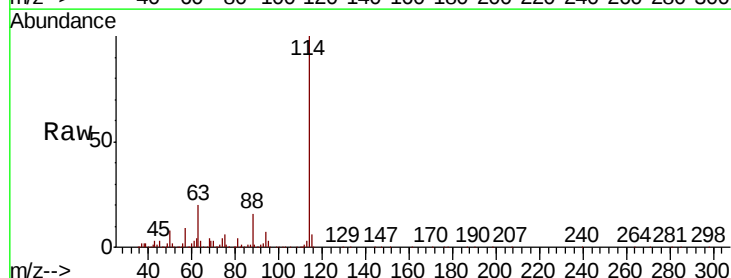
Tgt Ion: 114 Resp: 767397

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

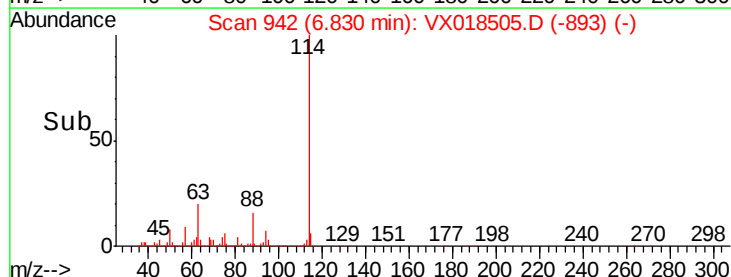
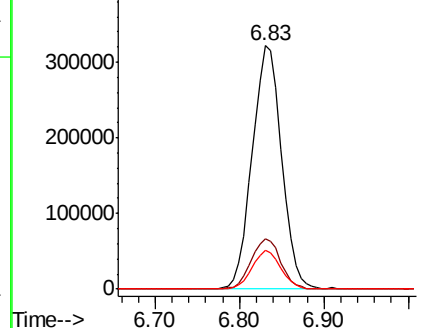
88 15.7 0.0 33.6

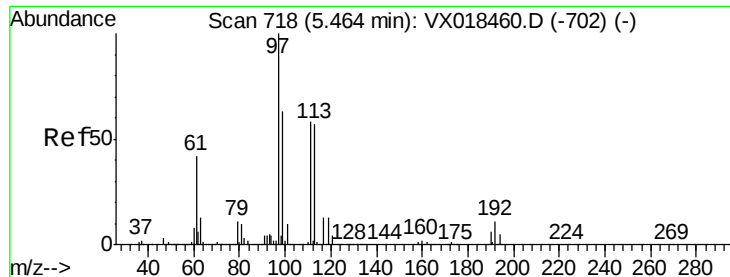


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.184 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

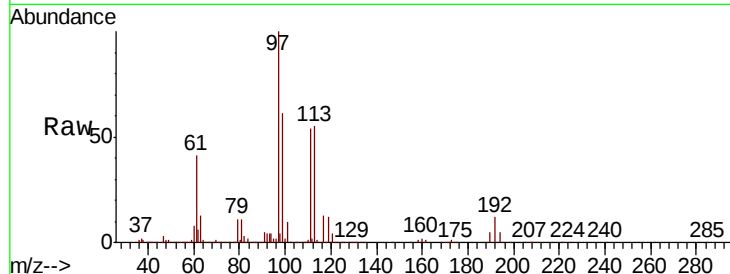
Tot Ion:113 Resp: 239707

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

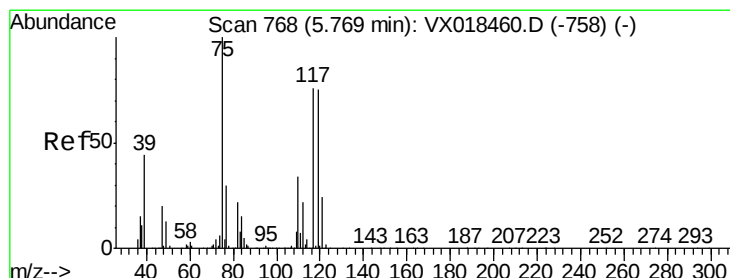
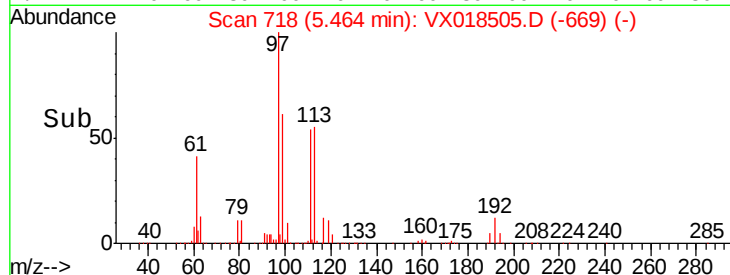
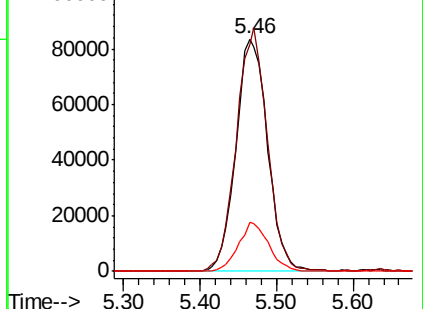
192 20.3 16.6 24.8



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: 47.829 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

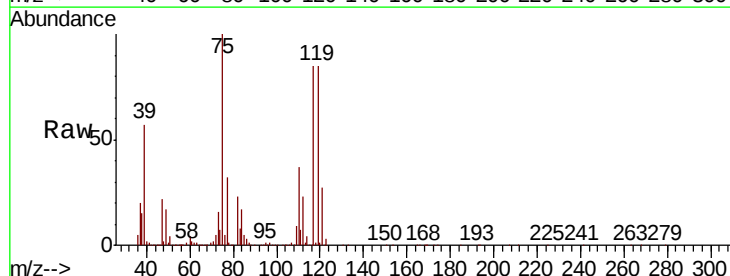
Tgt Ion: 75 Resp: 356249

Ion Ratio Lower Upper

75 100

110 36.5 17.6 52.8

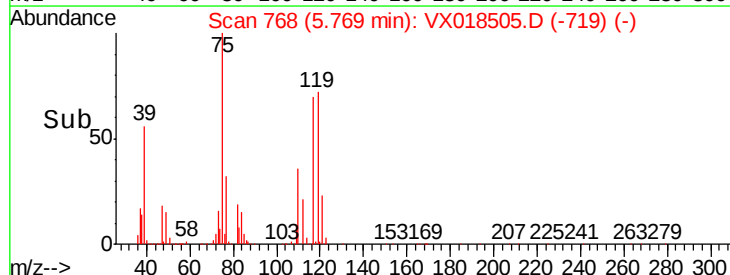
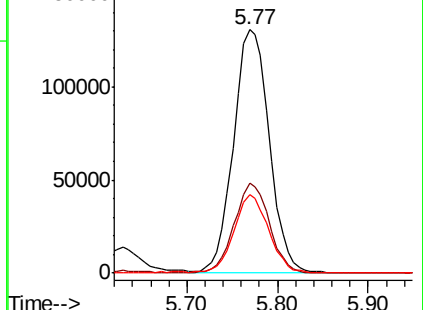
77 31.8 25.0 37.6

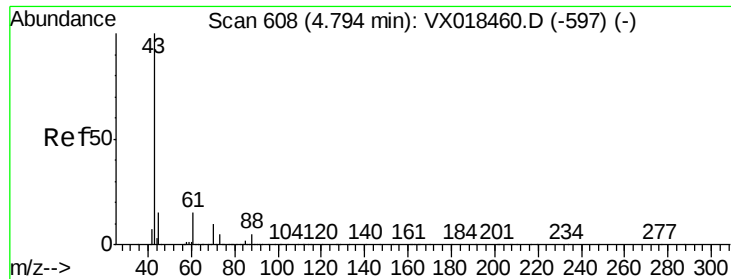


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

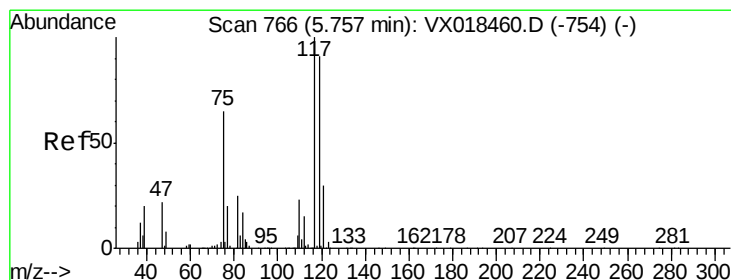
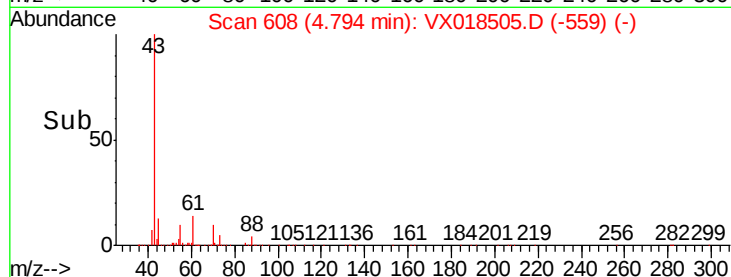
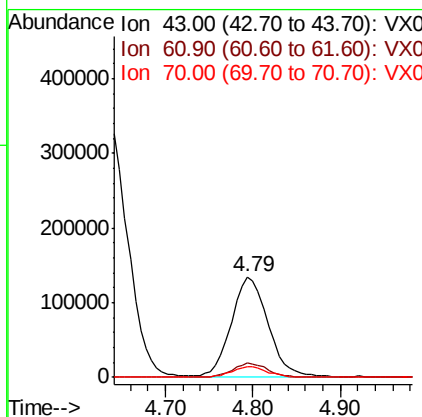
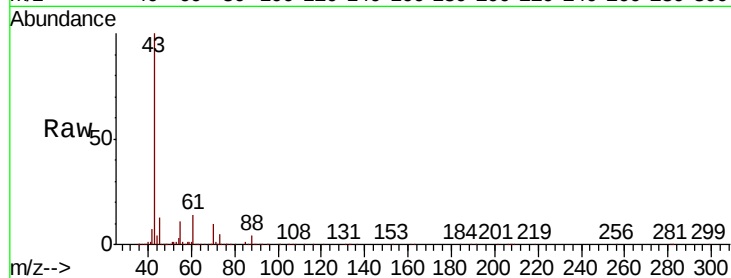




#37
Ethyl Acetate
Concen: 49.000 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

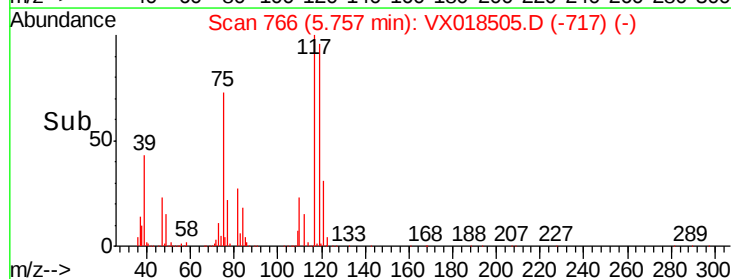
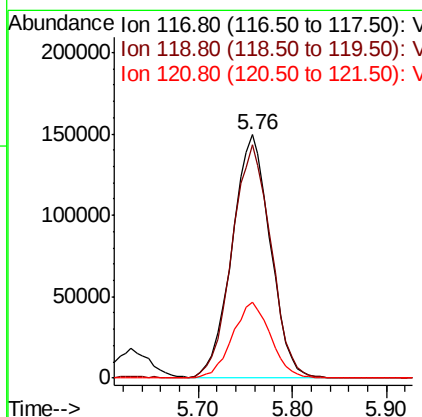
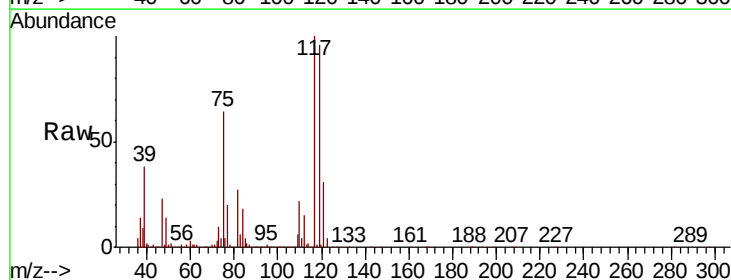
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

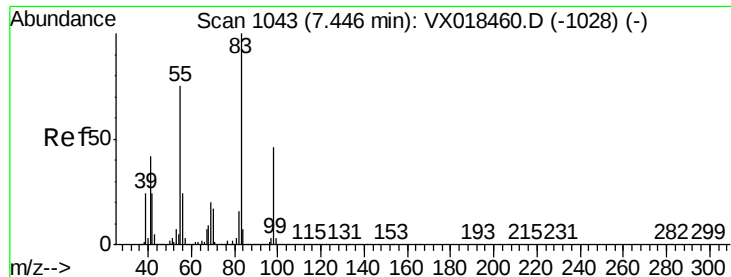
Tot Ion	43	Resp	389737
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.9	16.3
70	10.8	8.3	12.5



#38
Carbon Tetrachloride
Concen: 51.006 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	117	Resp	420755
Ion Ratio	Lower	Upper	
117	100		
119	95.7	72.3	108.5
121	31.3	23.8	35.8

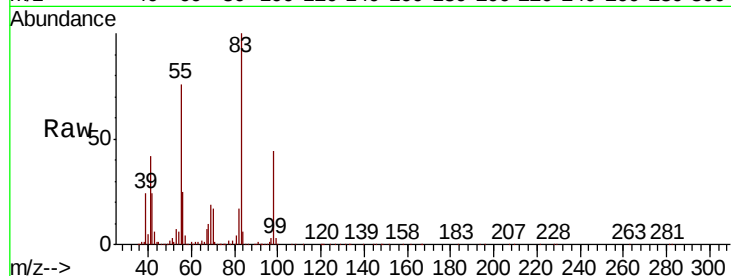




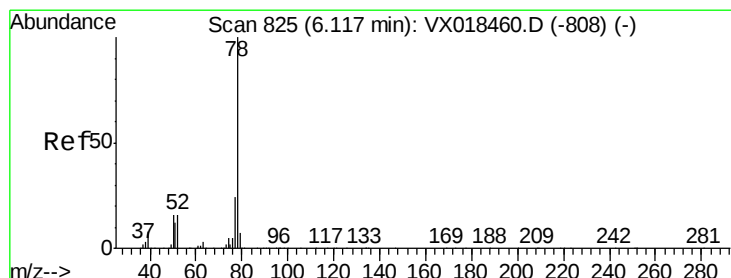
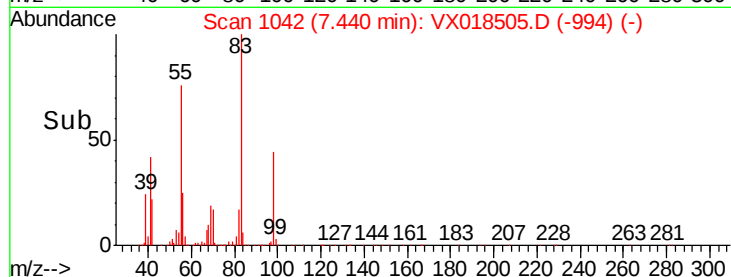
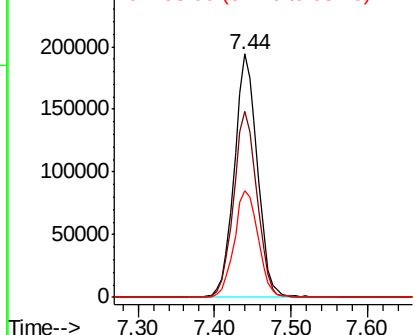
#39
Methvlcvclohexane
Concen: 48.279 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 404005
Ion Ratio Lower Upper
83 100
55 76.2 60.2 90.4
98 43.8 36.4 54.6

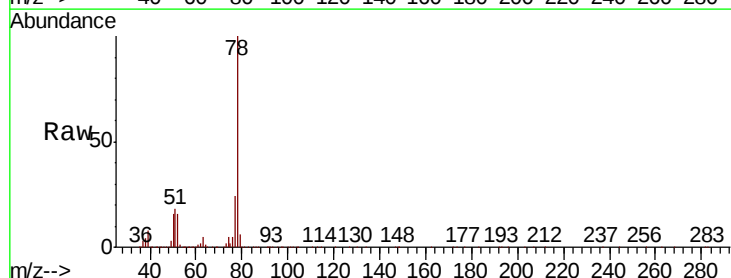


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

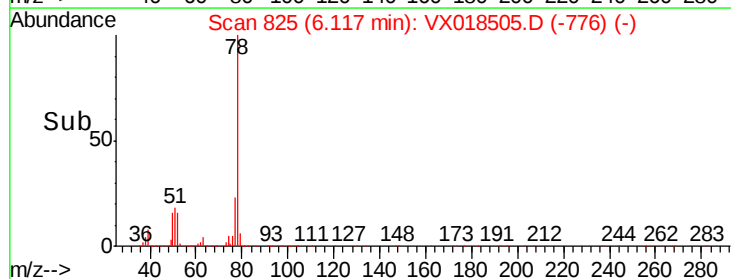
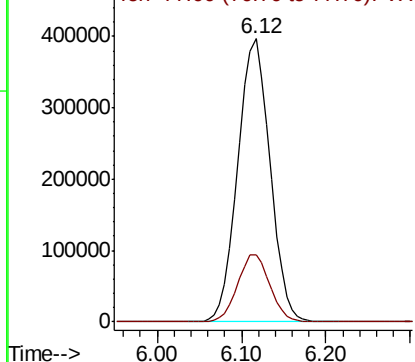


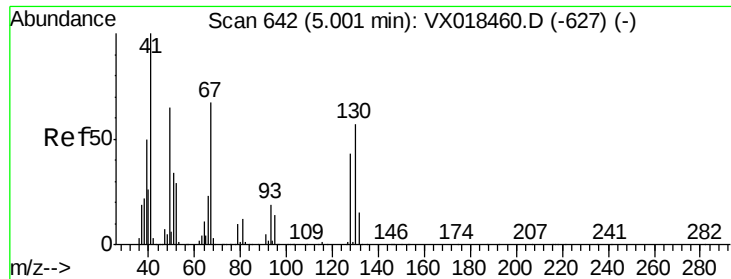
#40
Benzene
Concen: 48.100 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 78 Resp: 1026733
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



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

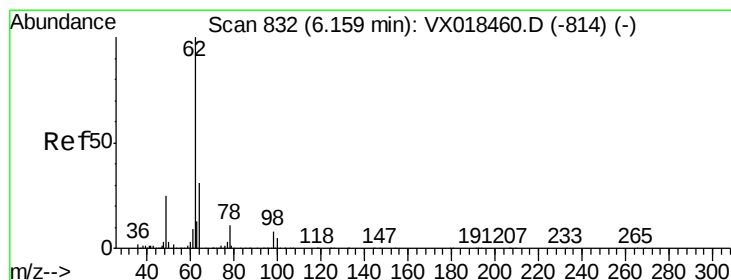
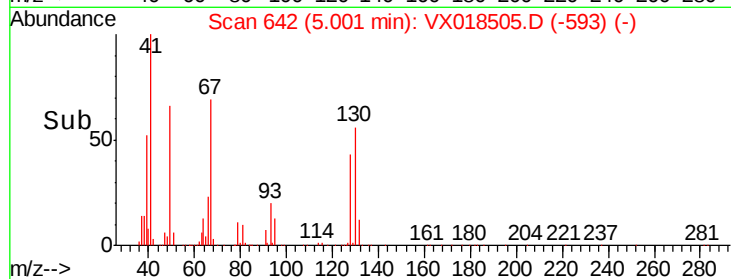
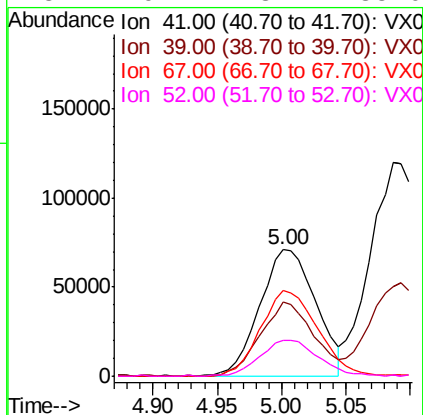
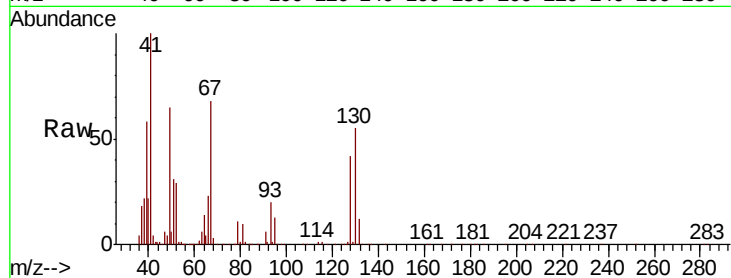




#41
Methacrylonitrile
Concen: 48.362 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

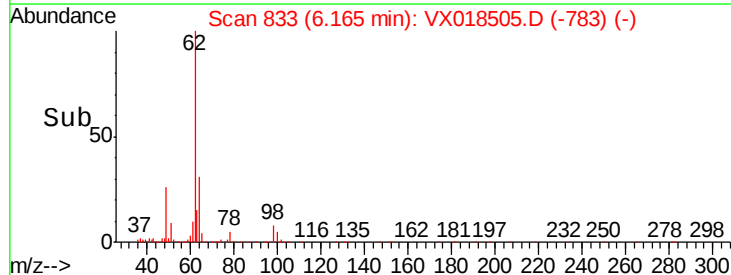
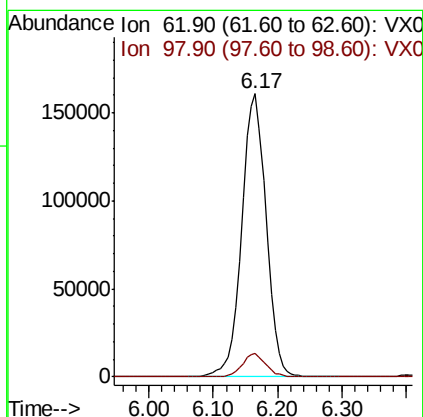
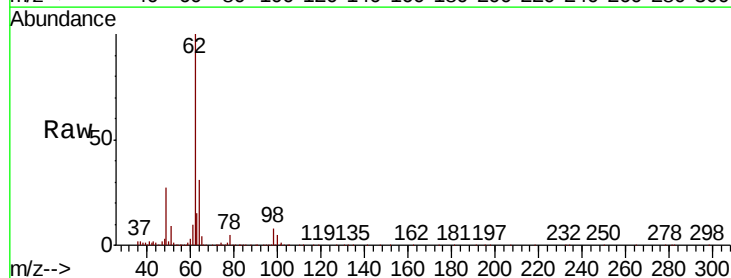
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

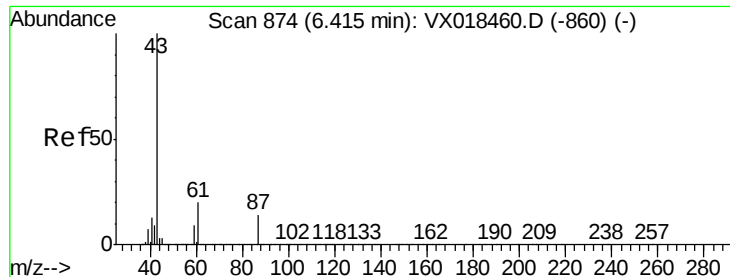
Tot Ion:	41	Resp:	213742
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.3	67.9
67	70.1	56.7	85.1
52	29.2	23.4	35.0



#42
1,2-Dichloroethane
Concen: 50.338 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion:	62	Resp:	418025
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.693 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

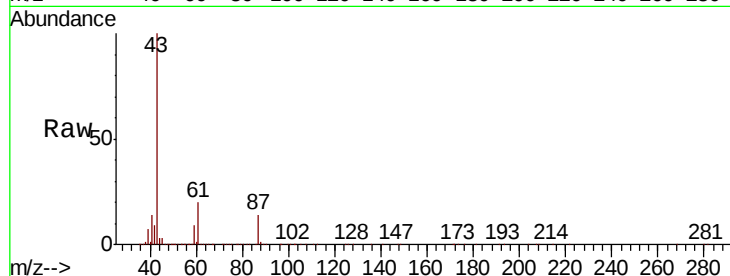
Tot Ion: 43 Resp: 642684

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

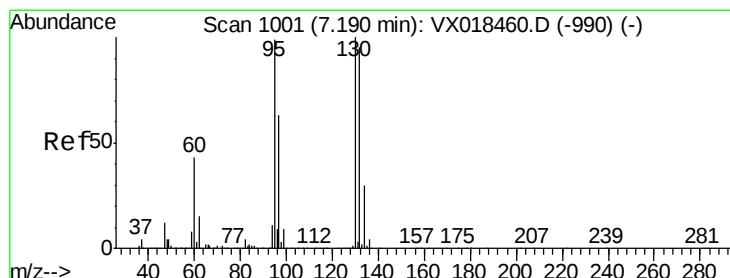
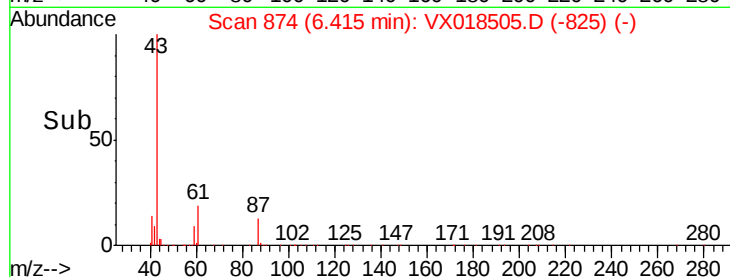
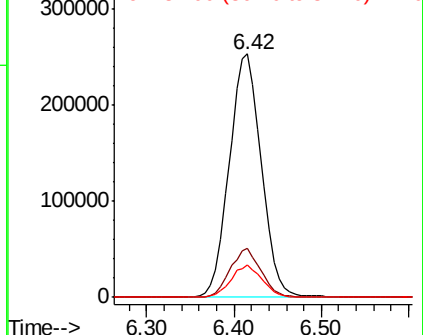
87 13.1 10.4 15.6



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: 49.151 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018505.D

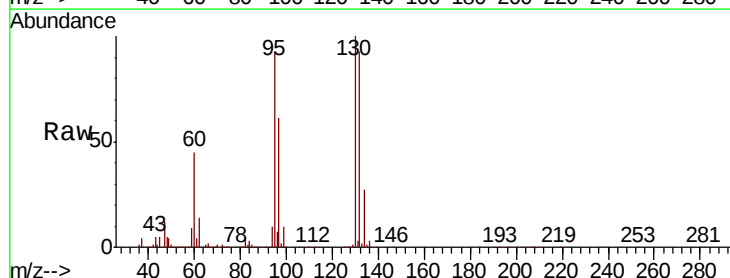
Acq: 18 Sep 2020 20:05

Tgt Ion:130 Resp: 303721

Ion Ratio Lower Upper

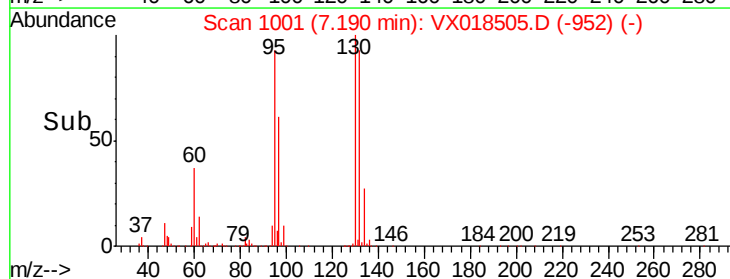
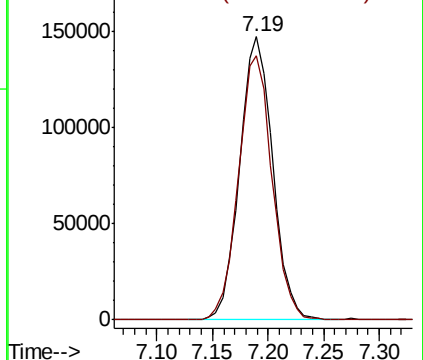
130 100

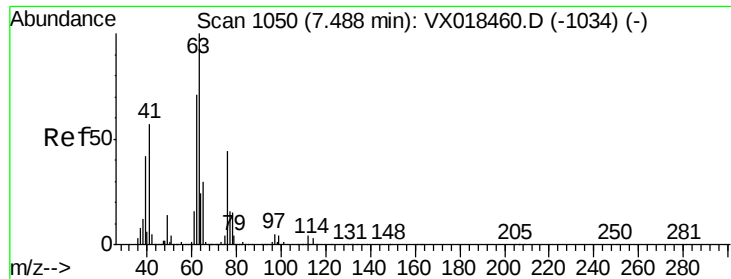
95 93.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.992 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

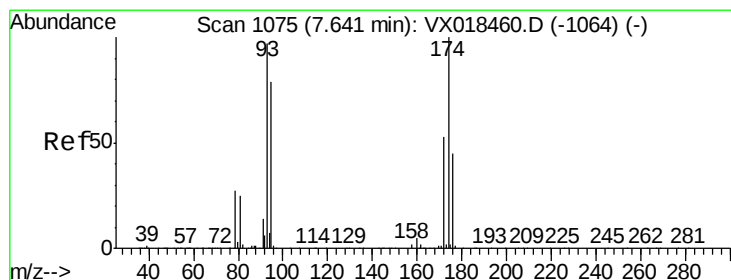
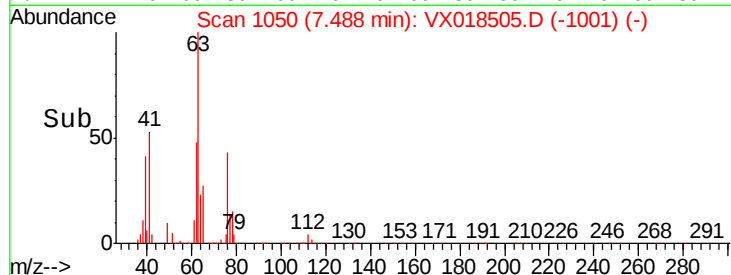
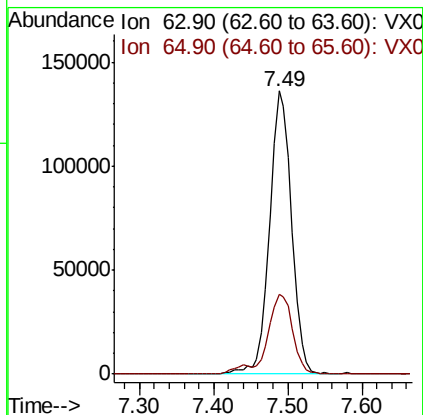
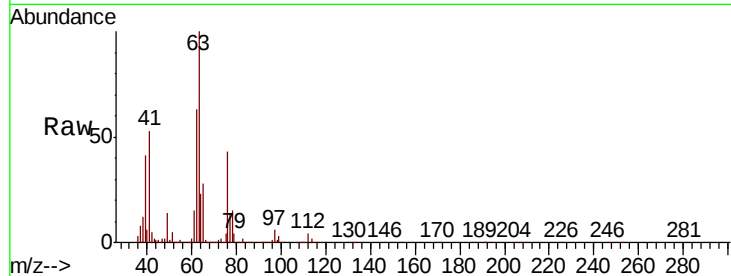
VSTDCCC050EC

Tot Ion: 63 Resp: 281179

Ion Ratio Lower Upper

63 100

65 28.2 24.1 36.1



#46

Dibromomethane

Concen: 49.245 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

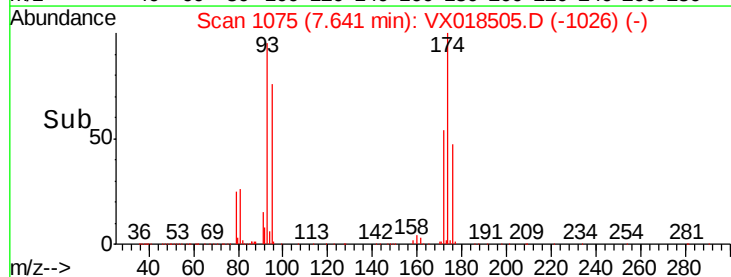
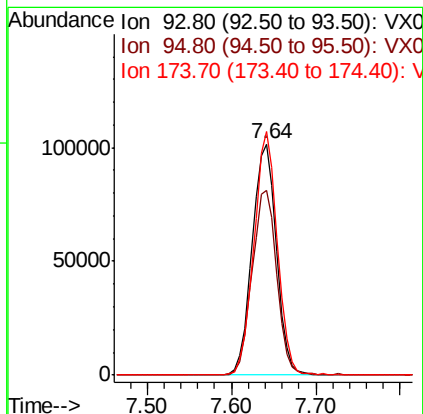
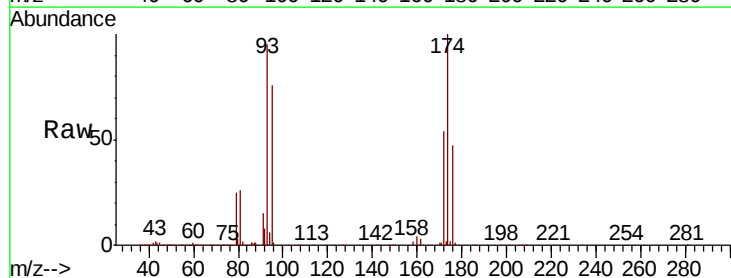
Tgt Ion: 93 Resp: 198223

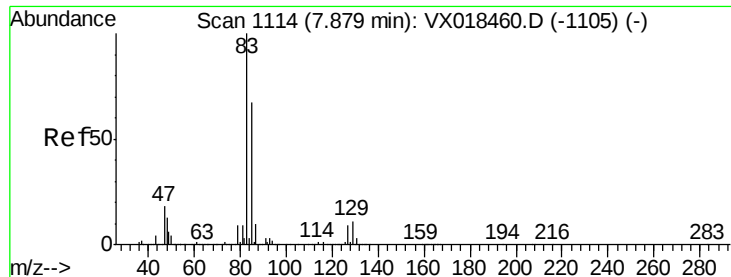
Ion Ratio Lower Upper

93 100

95 80.9 65.0 97.4

174 101.9 82.0 123.0





#47

Bromodichloromethane

Concen: 50.155 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

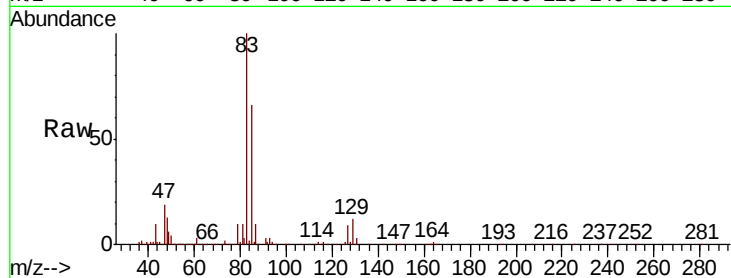
Tot Ion: 83 Resp: 406874

Ion Ratio Lower Upper

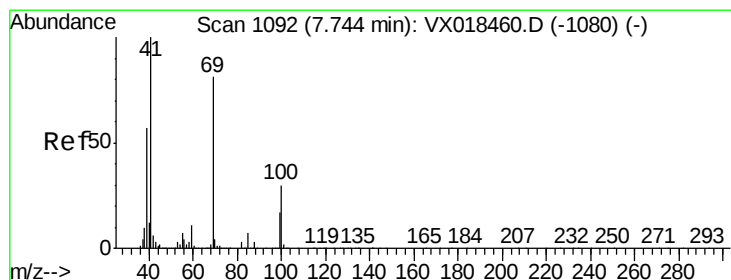
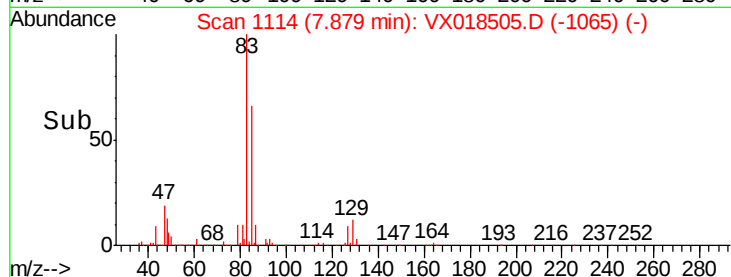
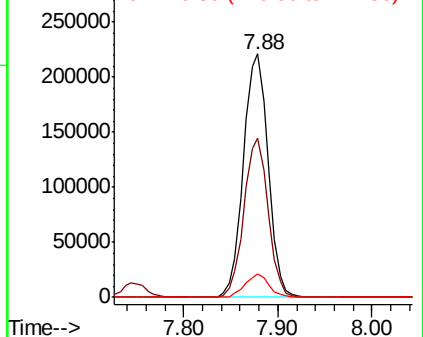
83 100

85 65.5 53.3 79.9

127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.021 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

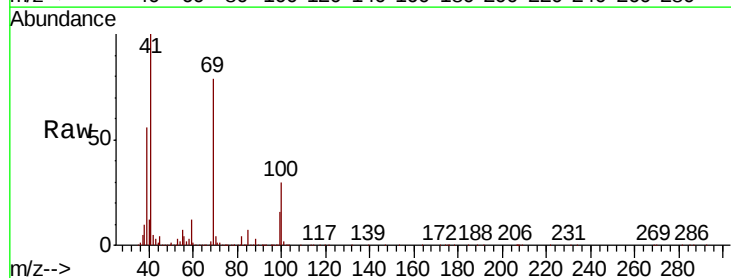
Tgt Ion: 41 Resp: 327779

Ion Ratio Lower Upper

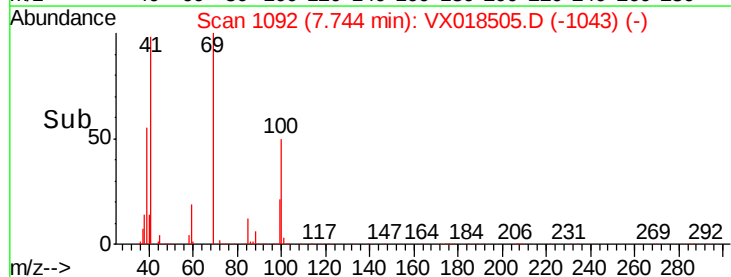
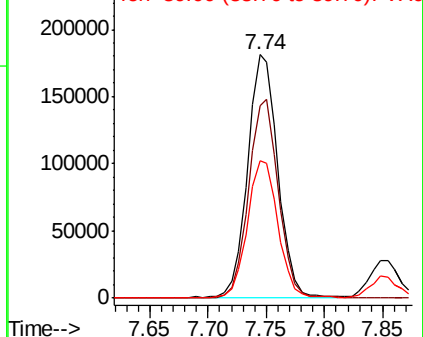
41 100

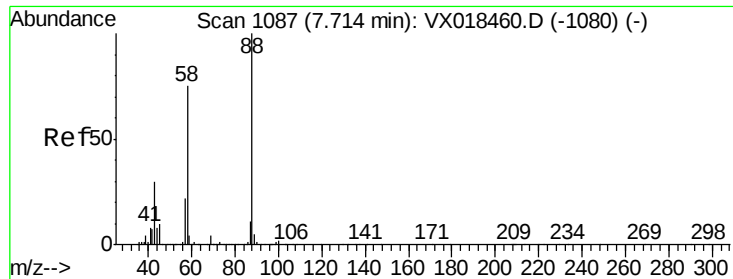
69 80.7 63.7 95.5

39 57.3 45.0 67.4



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





#49

1,4-Dioxane

Concen: 918.146 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

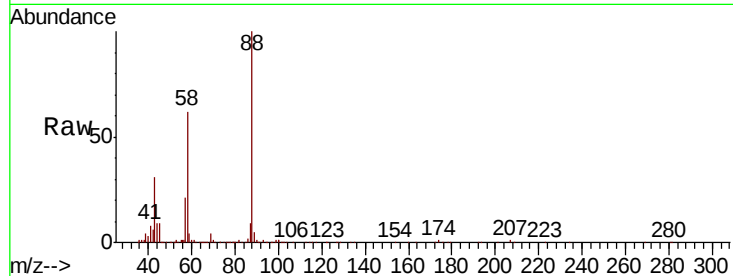
Tot Ion: 88 Resp: 97463

Ion Ratio Lower Upper

88 100

43 37.5 29.9 44.9

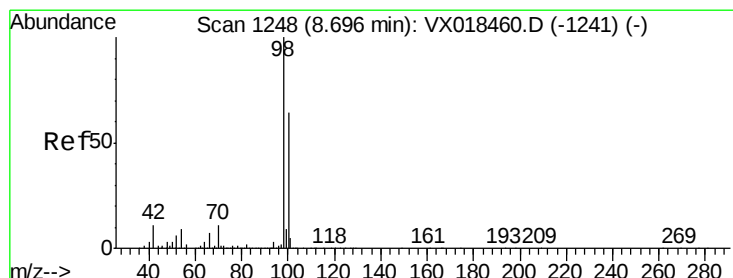
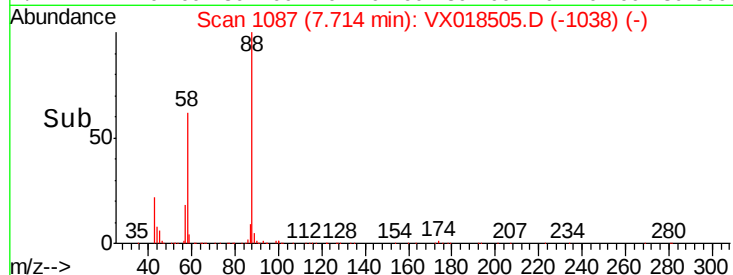
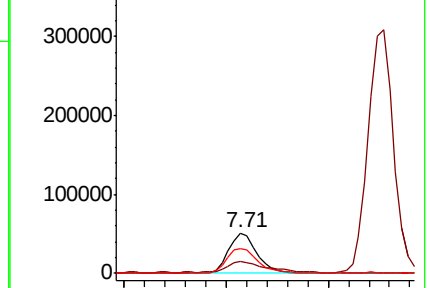
58 69.9 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.635 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018505.D

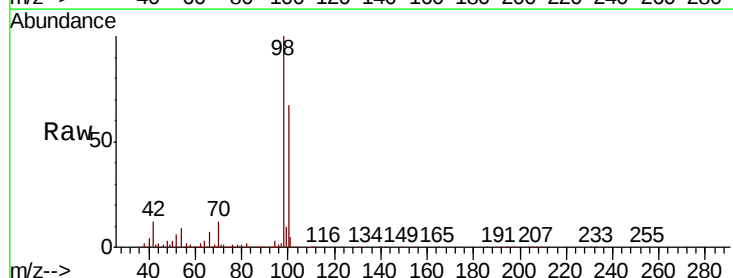
Acq: 18 Sep 2020 20:05

Tgt Ion: 98 Resp: 860354

Ion Ratio Lower Upper

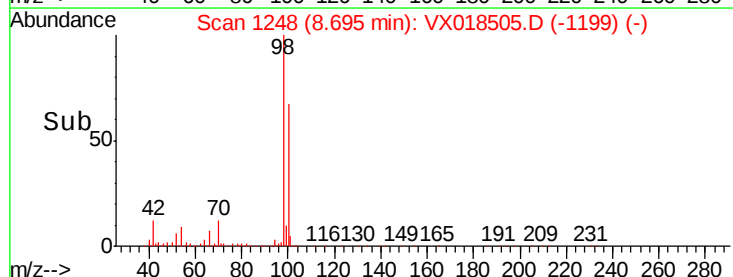
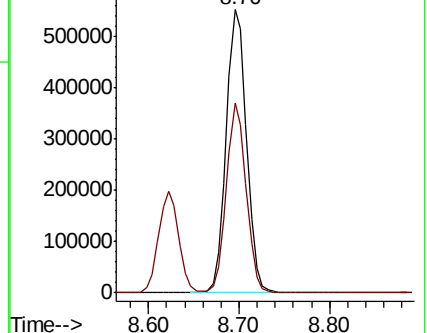
98 100

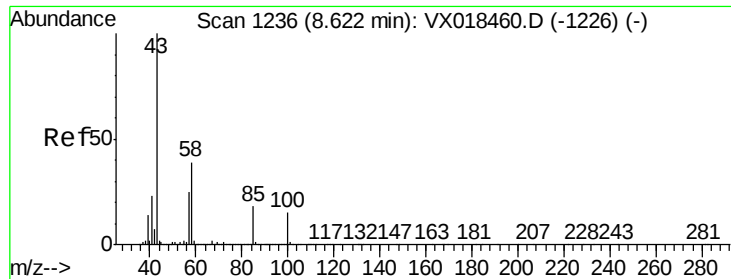
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.077 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

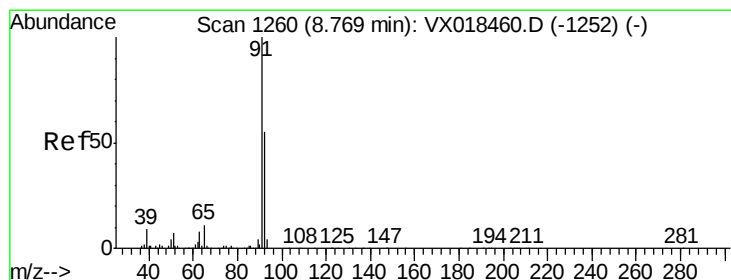
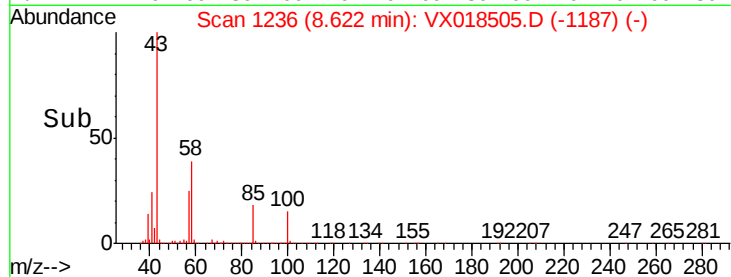
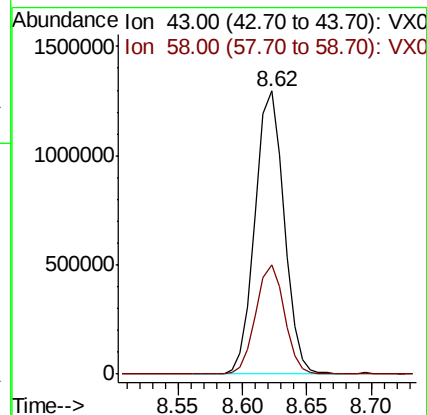
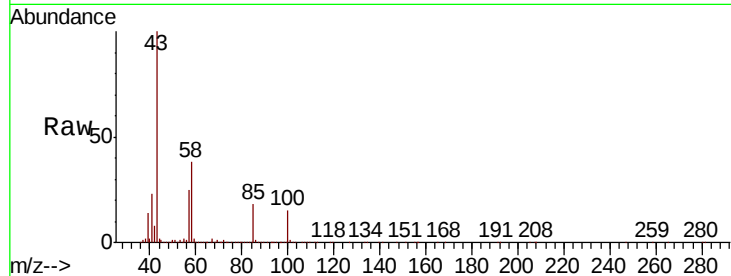
VSTDCCC050EC

Tot Ion: 43 Resp: 2012455

Ion Ratio Lower Upper

43 100

58 38.2 30.9 46.3



#52

Toluene

Concen: 49.064 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018505.D

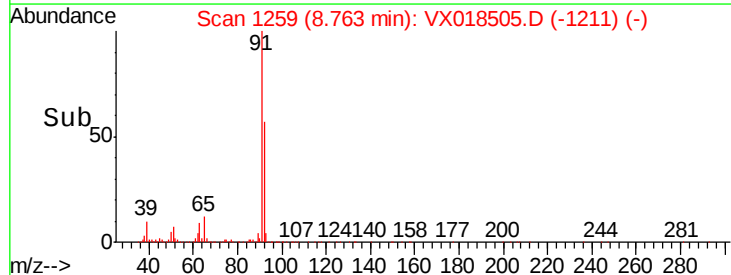
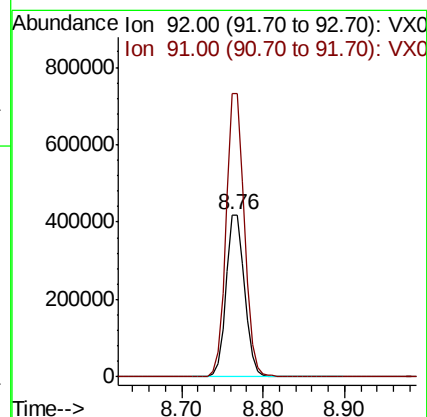
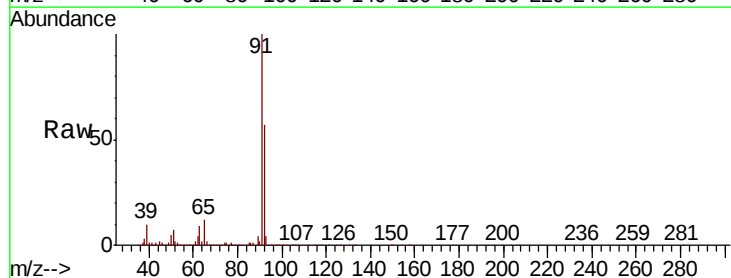
Acq: 18 Sep 2020 20:05

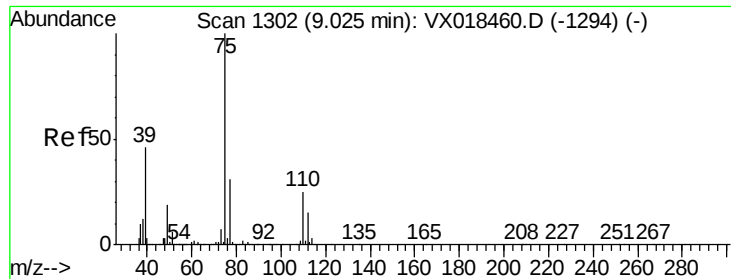
Tgt Ion: 92 Resp: 659048

Ion Ratio Lower Upper

92 100

91 172.5 140.6 210.8

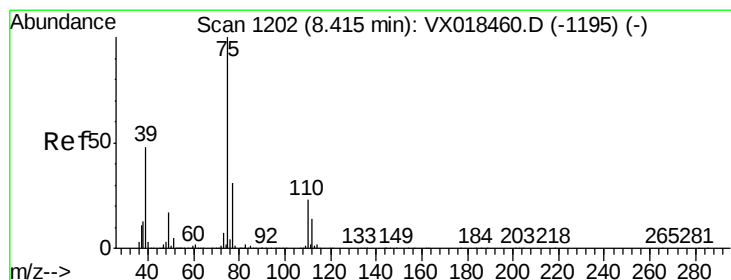
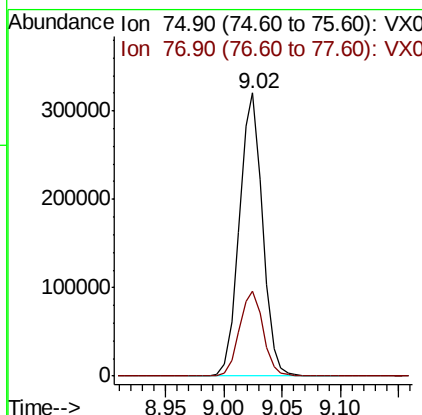
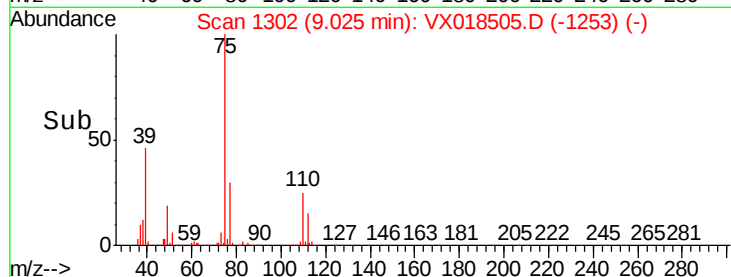
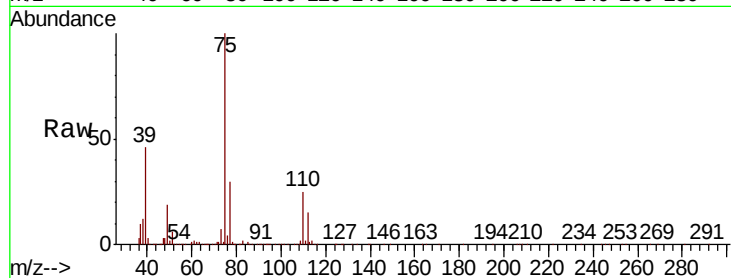




#53
 t-1,3-Dichloropropene
 Concen: 48.332 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

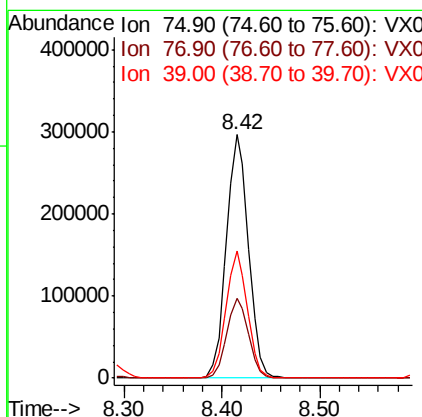
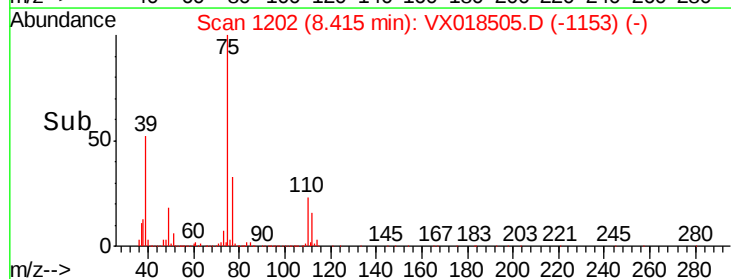
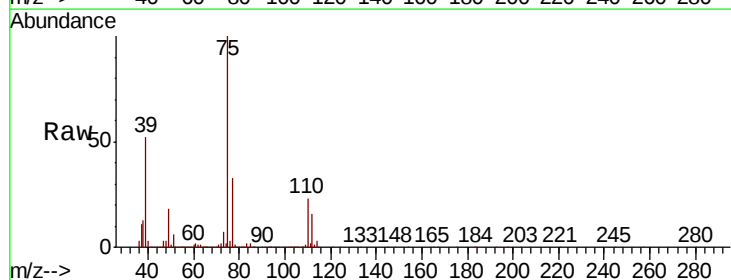
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

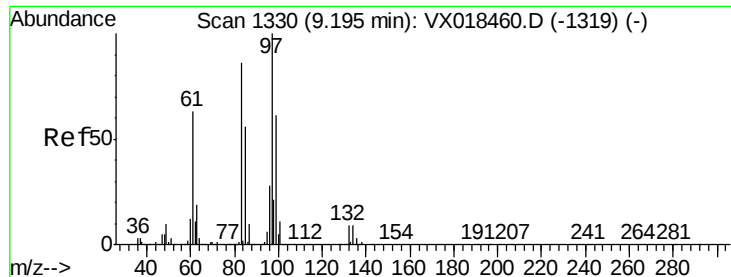
Tot Ion: 75 Resp: 445514
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.845 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion: 75 Resp: 463844
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.8 37.2
 39 52.4 38.6 58.0

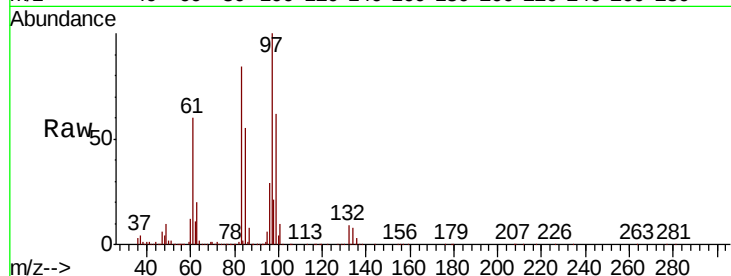




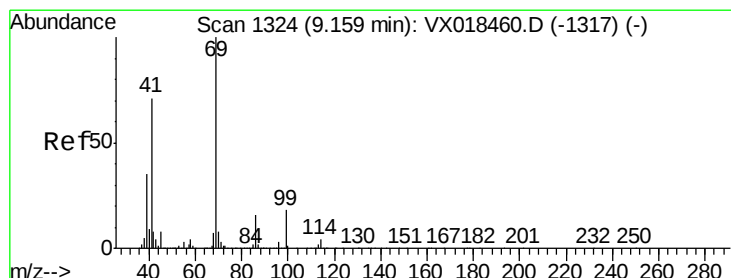
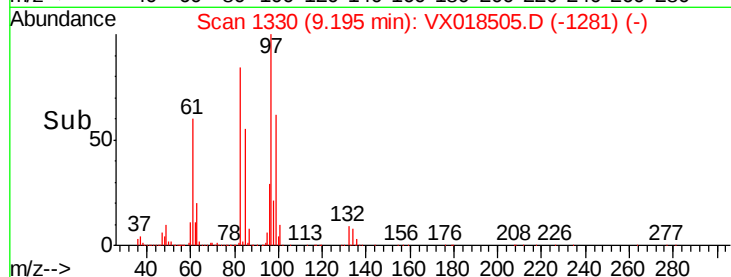
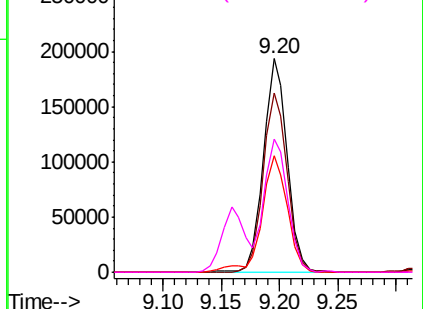
#55
 1,1,2-Trichloroethane
 Concen: 49.314 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	274866
Ion	Ratio	Lower	Upper
97	100		
83	83.8	68.5	102.7
85	54.5	44.8	67.2
99	62.3	48.9	73.3

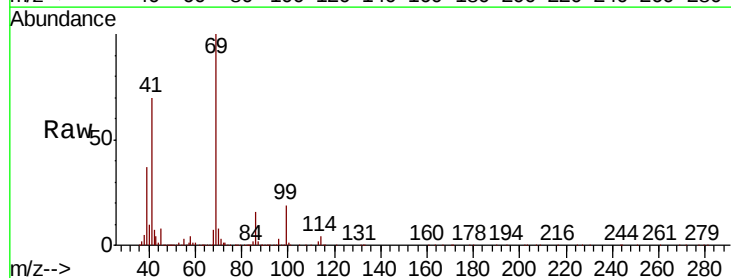


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

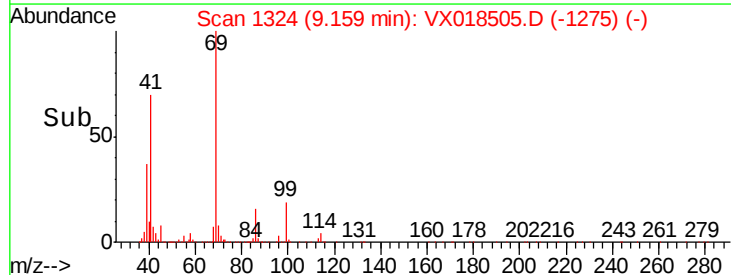
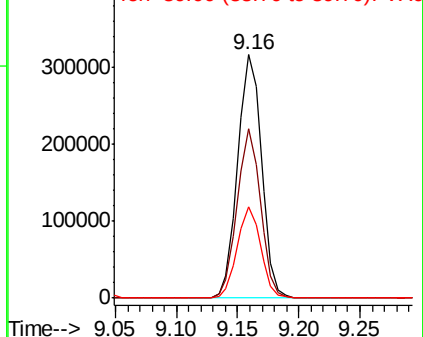


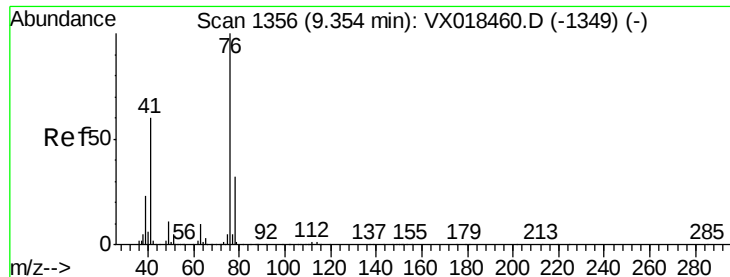
#56
 Ethyl methacrylate
 Concen: 51.860 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion:	69	Resp:	428606
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.6	81.8
39	36.6	29.3	43.9



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





#57

1,3-Dichloropropane

Concen: 49.028 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

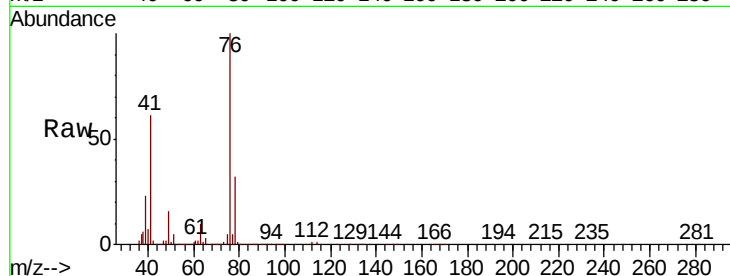
VSTDCCC050EC

Tot Ion: 76 Resp: 459127

Ion Ratio Lower Upper

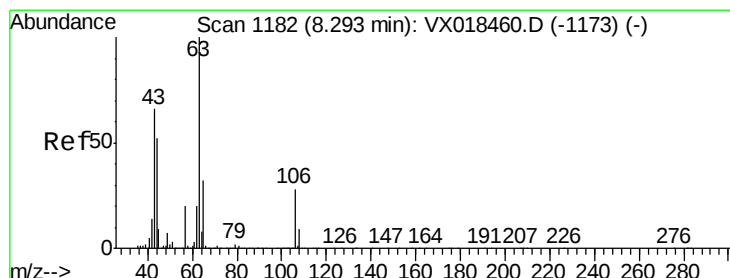
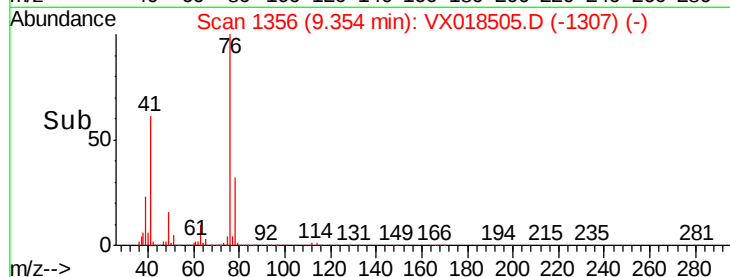
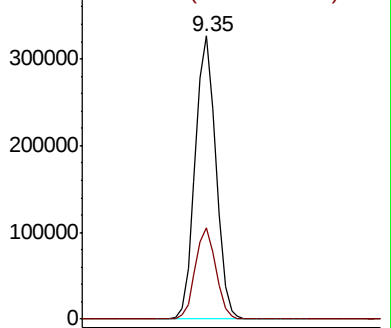
76 100

78 31.9 25.6 38.4



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: 245.875 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018505.D

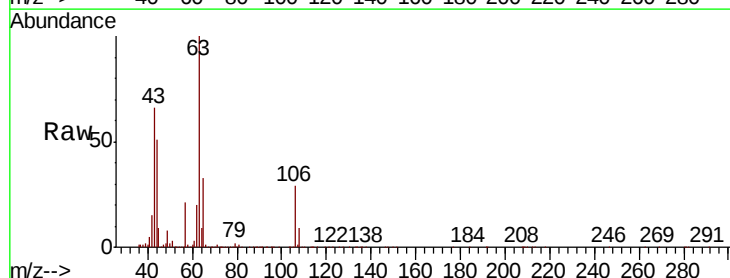
Acq: 18 Sep 2020 20:05

Tgt Ion: 63 Resp: 1080377

Ion Ratio Lower Upper

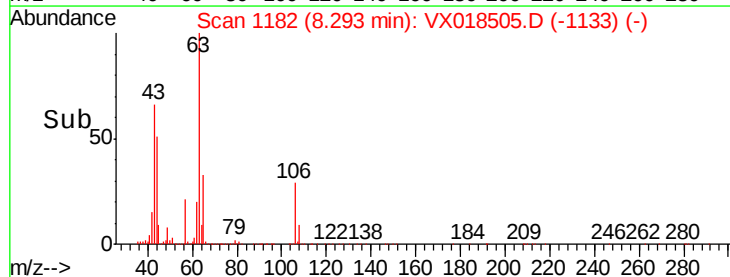
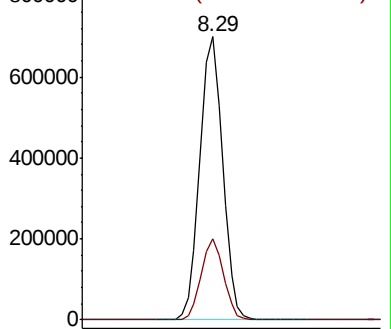
63 100

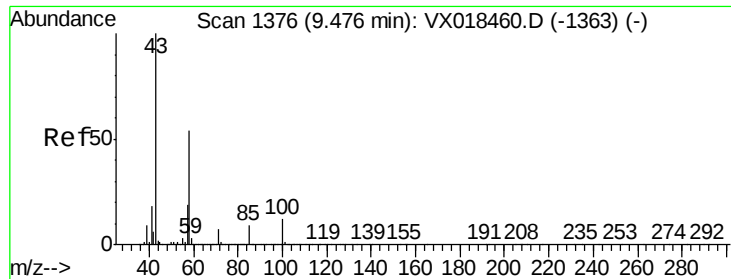
106 28.2 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

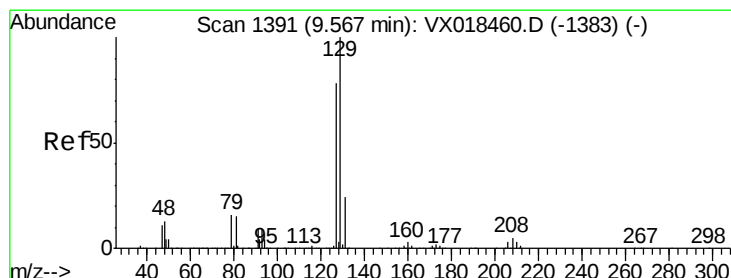
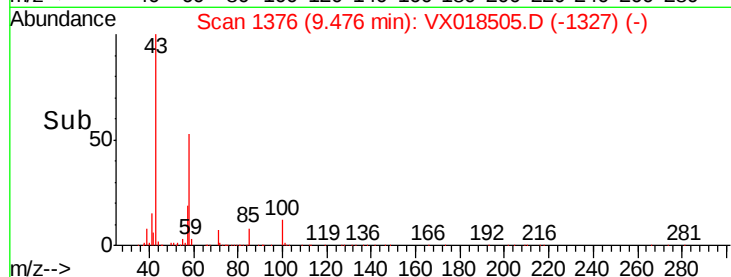
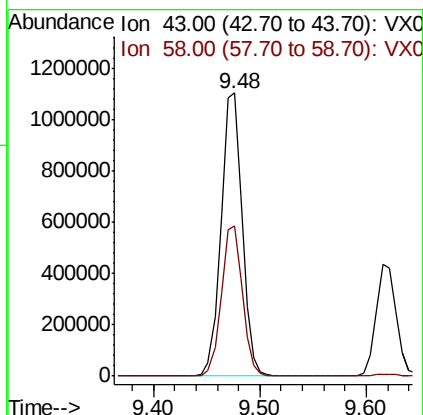
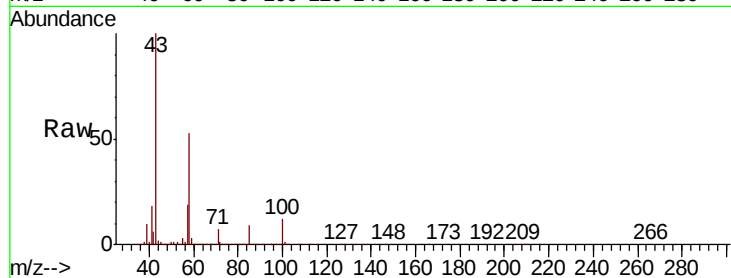




#59
2-Hexanone
Concen: 256.698 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

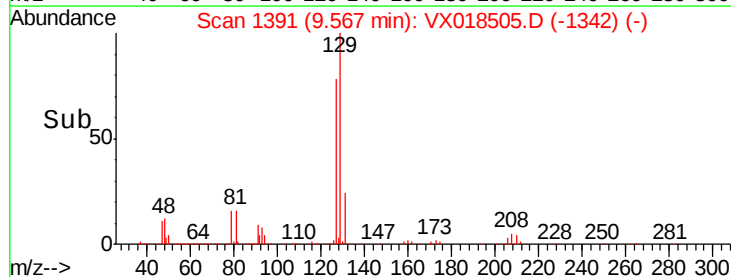
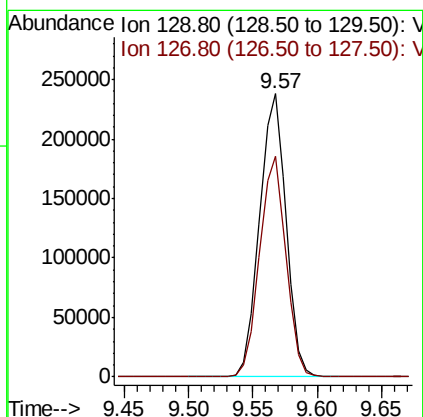
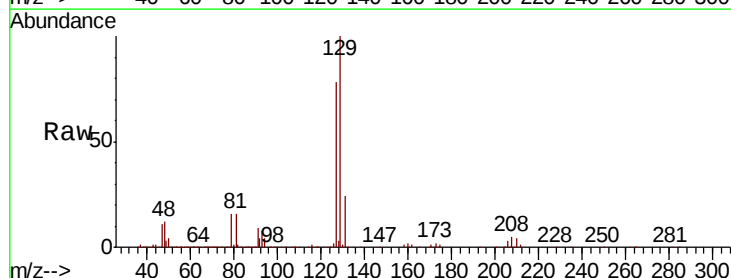
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

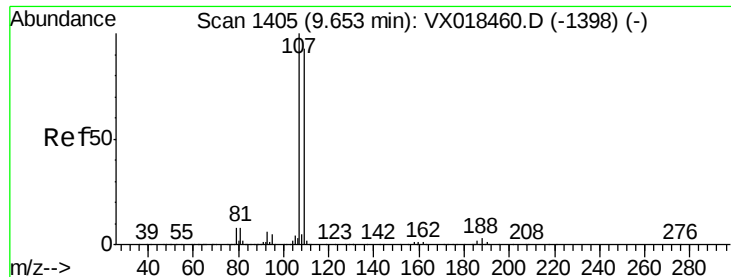
Tot Ion: 43 Resp: 1534400
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4



#60
Dibromochloromethane
Concen: 50.849 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 129 Resp: 337955
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.804 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

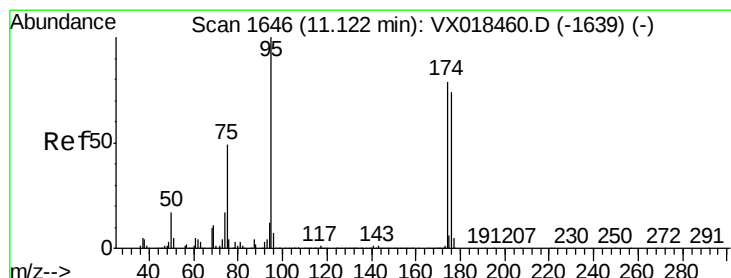
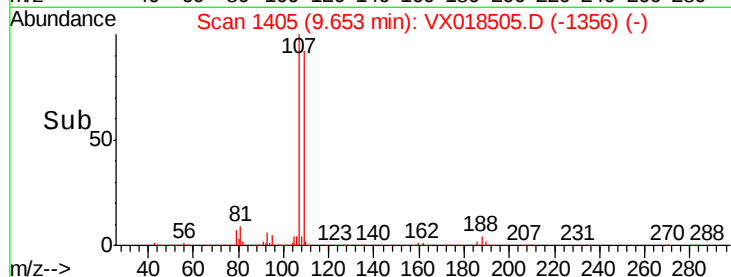
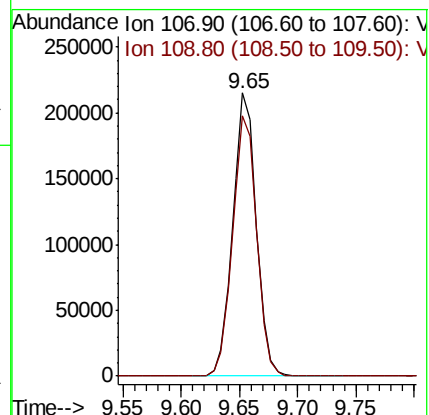
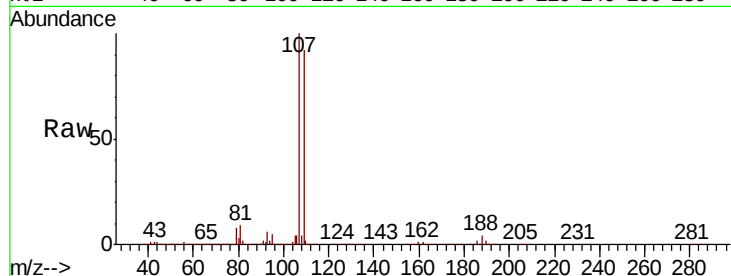
VSTDCCC050EC

Tot Ion:107 Resp: 301290

Ion Ratio Lower Upper

107 100

109 94.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 45.534 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

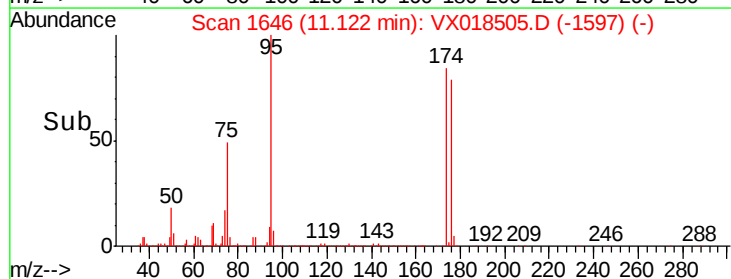
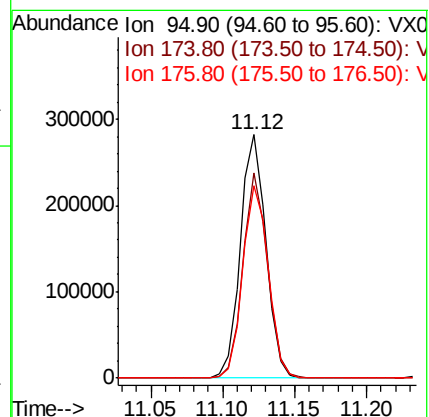
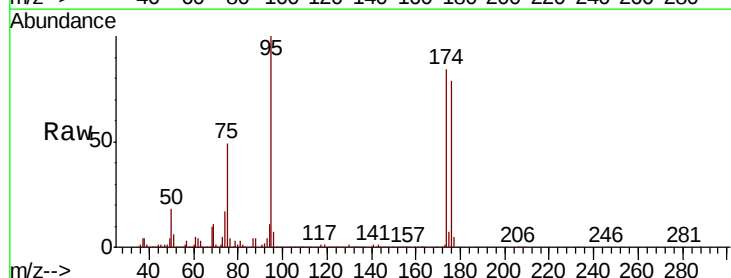
Tgt Ion: 95 Resp: 349119

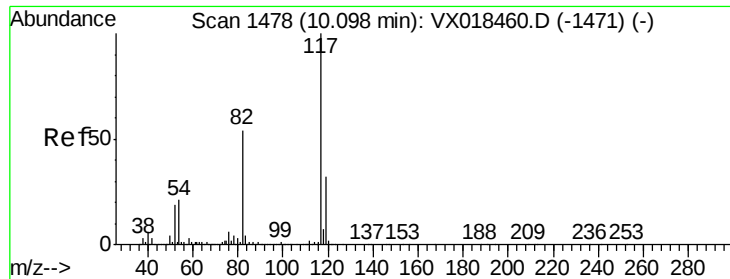
Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.4

176 79.3 0.0 151.4

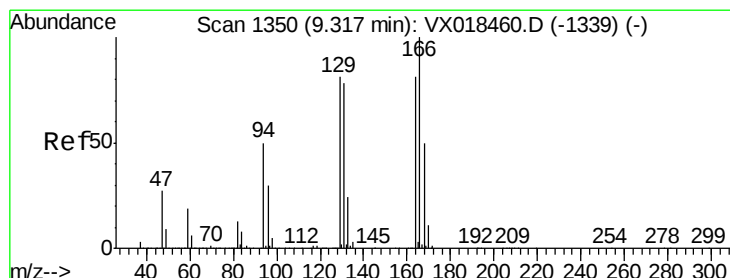
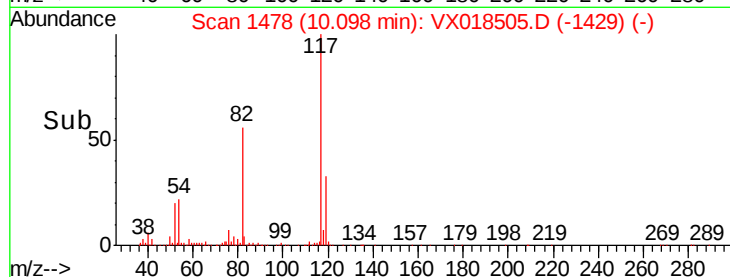
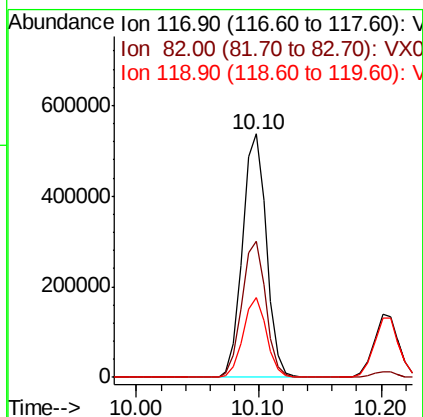
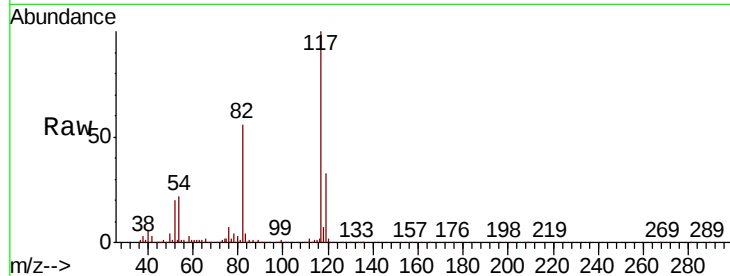




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

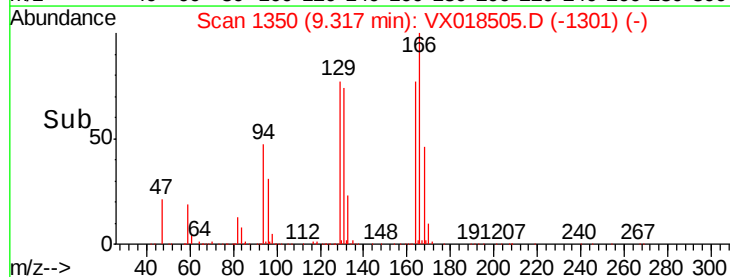
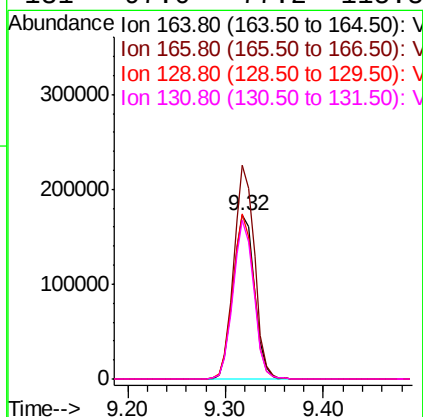
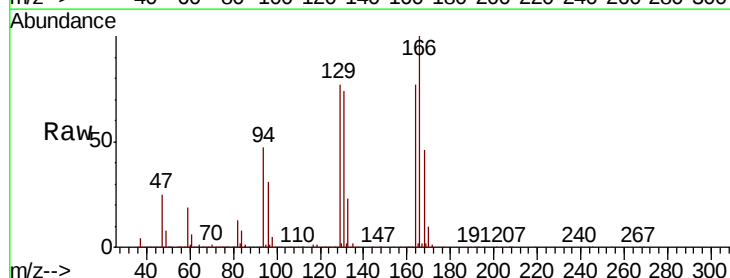
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

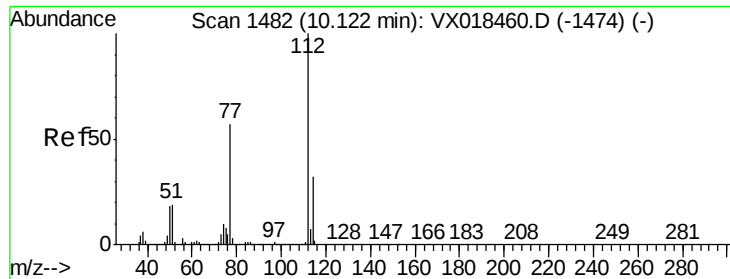
Tot Ion:117 Resp: 728234
Ion Ratio Lower Upper
117 100
82 55.9 43.3 64.9
119 32.8 25.9 38.9



#64
Tetrachloroethene
Concen: 45.881 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion:164 Resp: 263052
Ion Ratio Lower Upper
164 100
166 130.6 99.3 148.9
129 100.9 80.7 121.1
131 97.0 77.2 115.8





#65

Chlorobenzene

Concen: 48.518 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

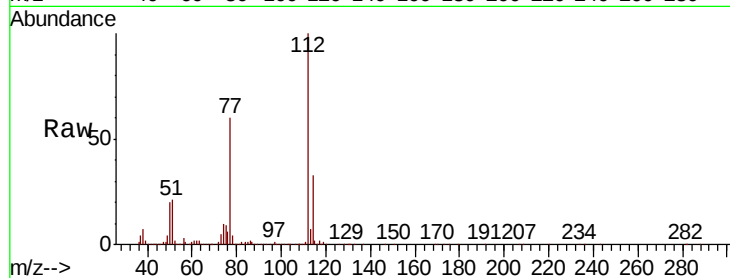
VSTDCCC050EC

Tot Ion:112 Resp: 727537

Ion Ratio Lower Upper

112 100

114 33.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

600000

500000

400000

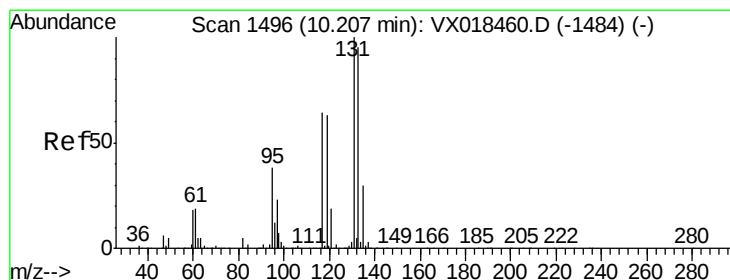
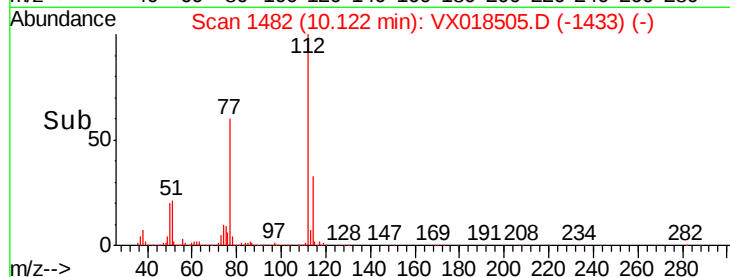
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 47.422 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

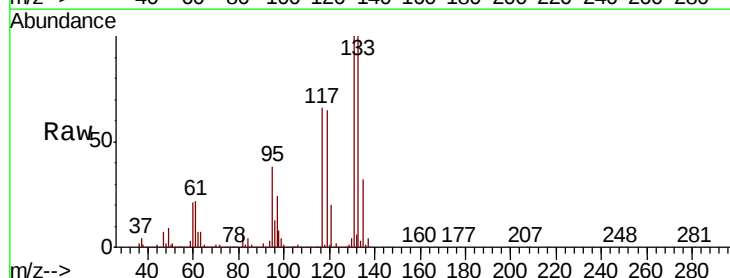
Tgt Ion:131 Resp: 285267

Ion Ratio Lower Upper

131 100

133 99.3 47.8 143.4

119 65.6 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

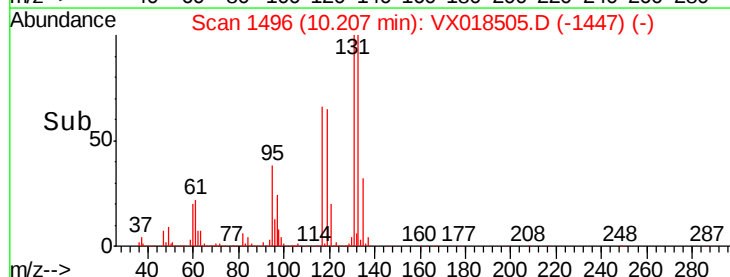
150000

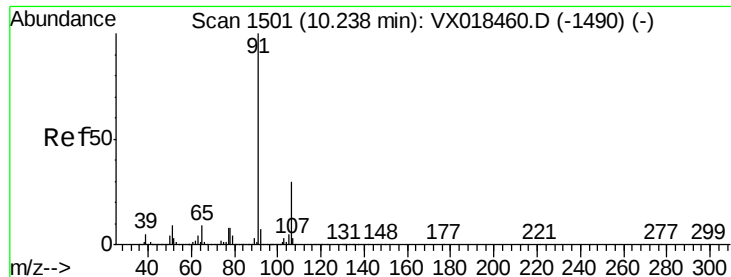
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 50.112 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

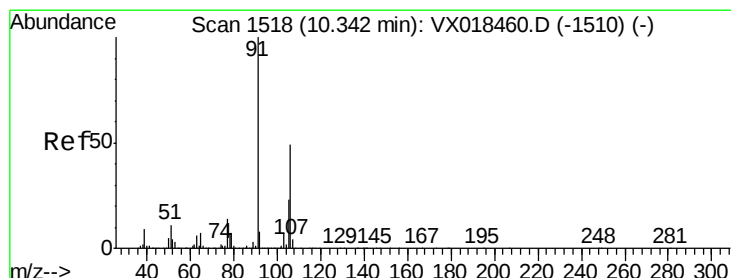
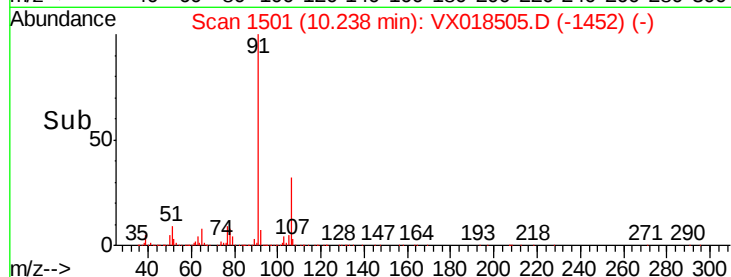
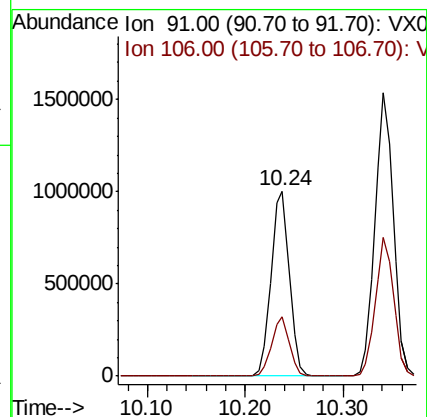
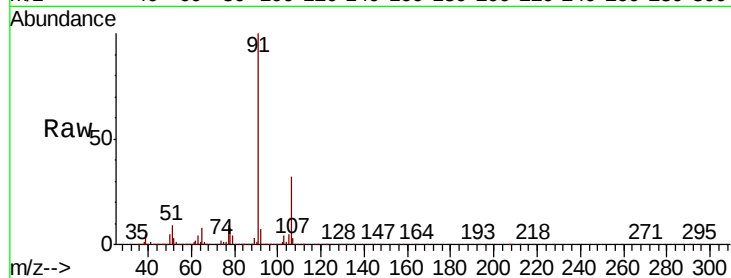
VSTDCCC050EC

Tot Ion: 91 Resp: 1300669

Ion Ratio Lower Upper

91 100

106 31.7 24.1 36.1



#68

m/p-Xylenes

Concen: 99.667 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018505.D

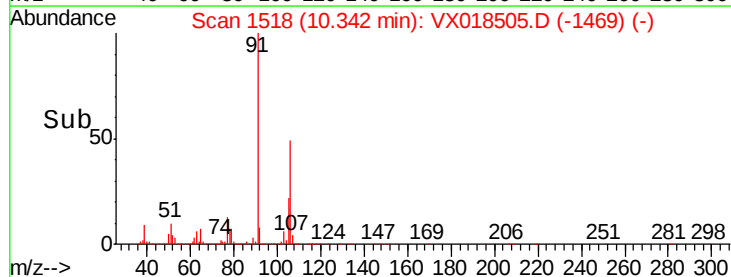
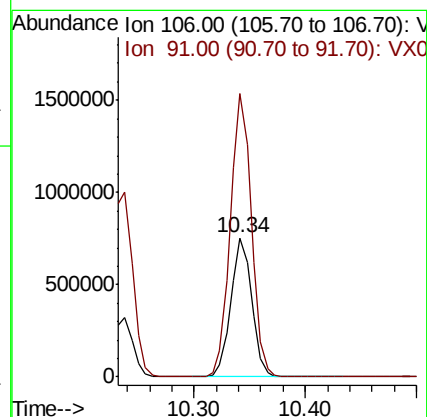
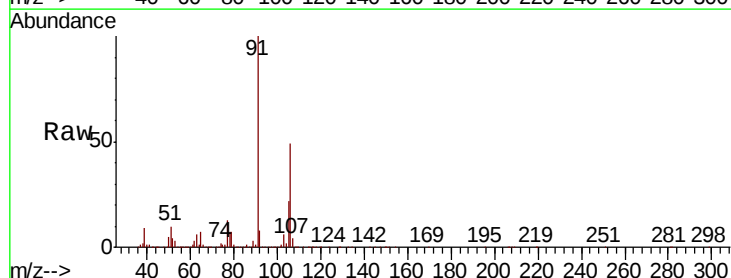
Acq: 18 Sep 2020 20:05

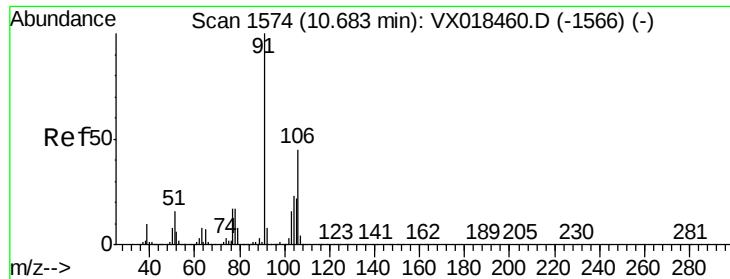
Tgt Ion: 106 Resp: 978571

Ion Ratio Lower Upper

106 100

91 204.9 163.8 245.6

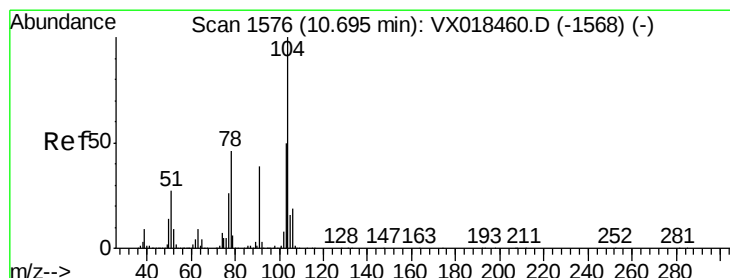
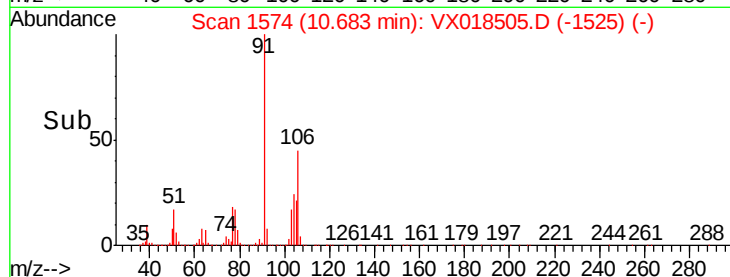
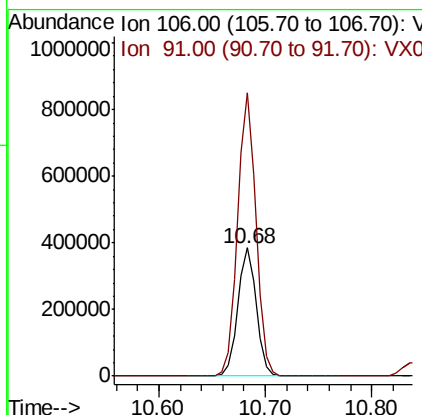
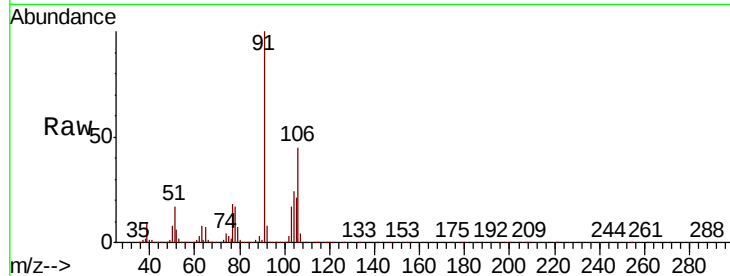




#69
o-Xylene
Concen: 50.546 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

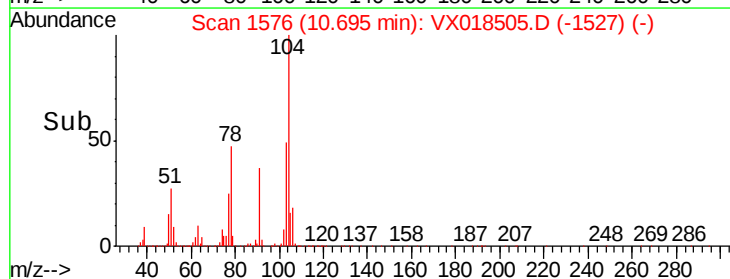
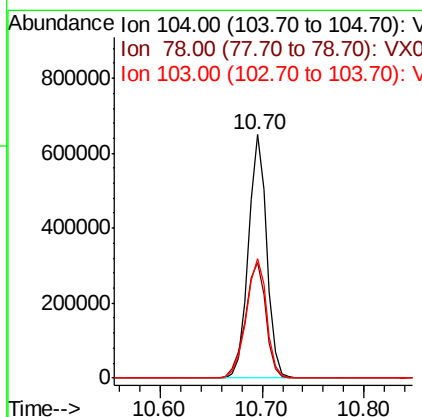
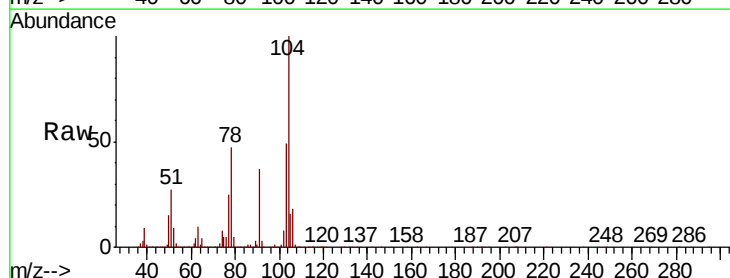
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

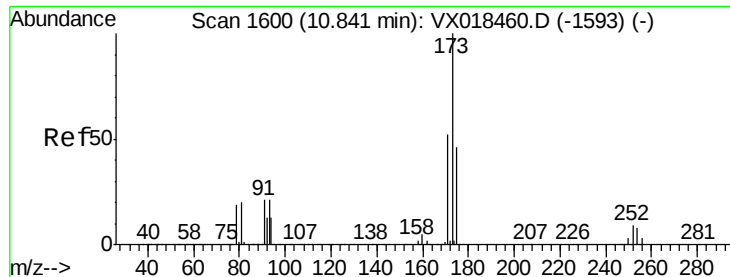
Tot Ion:106 Resp: 469956
Ion Ratio Lower Upper
106 100
91 219.0 109.7 329.0



#70
Styrene
Concen: 50.677 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion:104 Resp: 813548
Ion Ratio Lower Upper
104 100
78 53.0 40.5 60.7
103 54.4 43.2 64.8





#71

Bromoform

Concen: 50.523 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

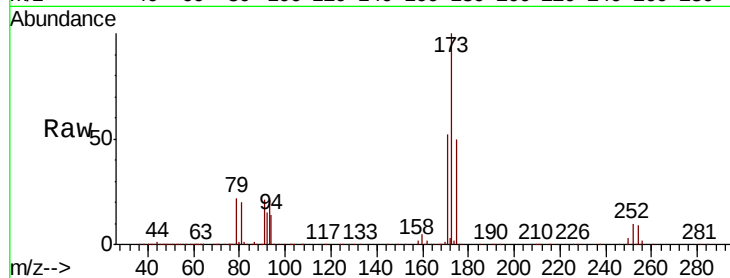
Tot Ion:173 Resp: 255181

Ion Ratio Lower Upper

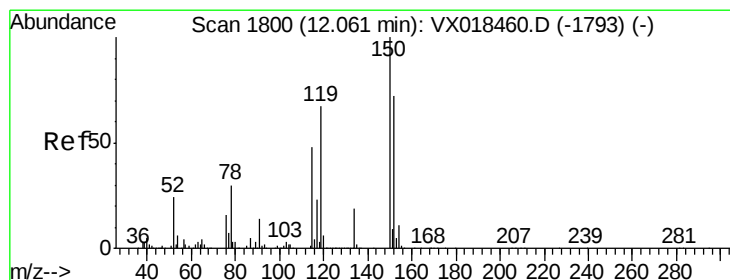
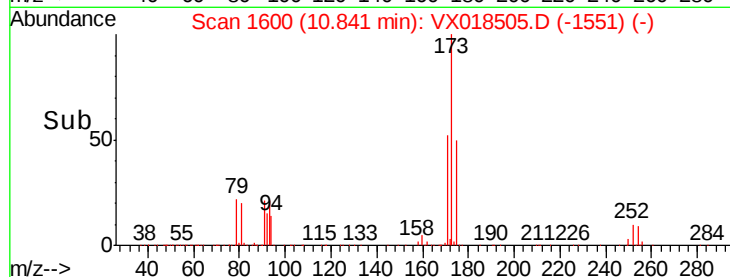
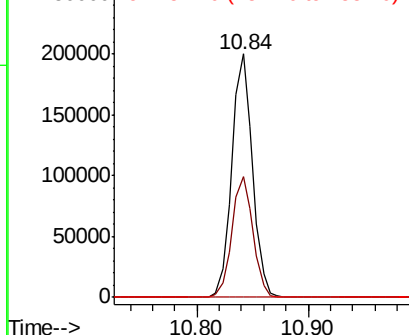
173 100

175 50.6 23.6 70.8

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: VX018505.D

Acq: 18 Sep 2020 20:05

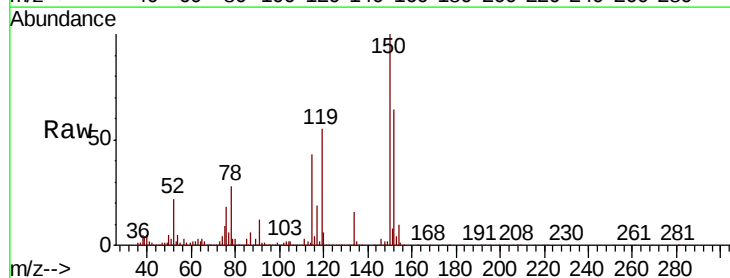
Tgt Ion:152 Resp: 392888

Ion Ratio Lower Upper

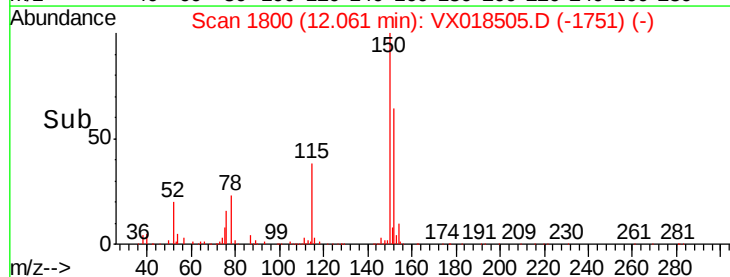
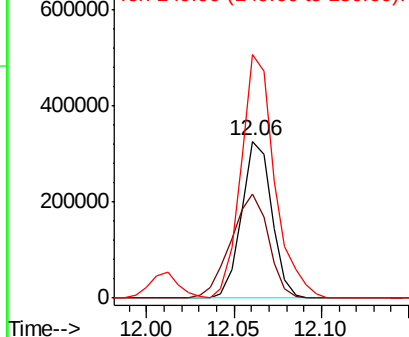
152 100

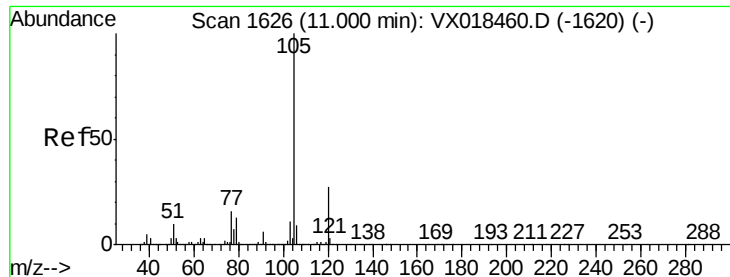
115 81.8 41.8 125.4

150 171.3 0.0 342.4



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





#73

Isopropylbenzene

Concen: 48.387 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

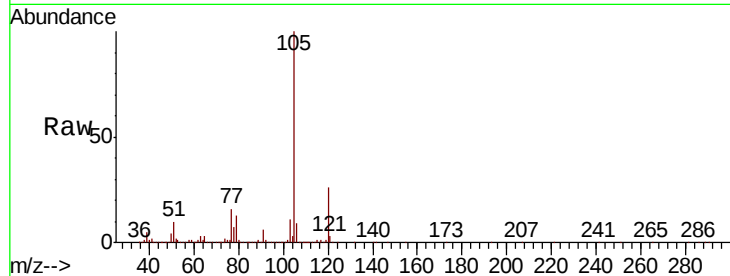
VSTDCCC050EC

Tot Ion:105 Resp: 1269995

Ion Ratio Lower Upper

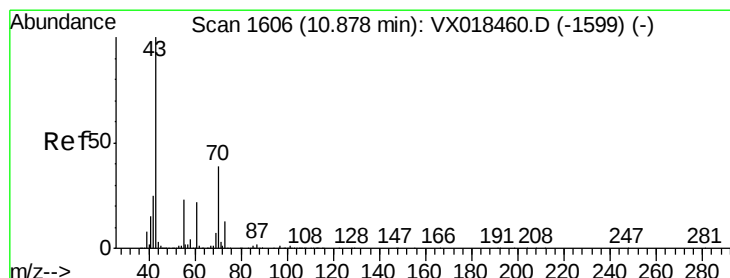
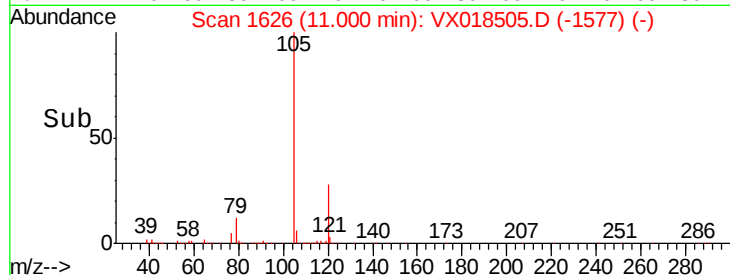
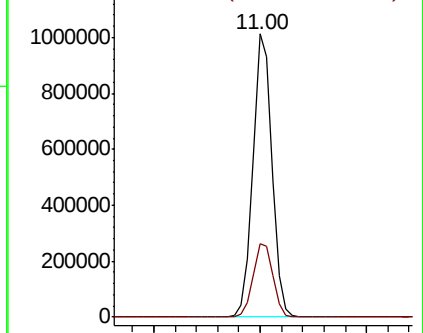
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.851 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion: 43 Resp: 589054

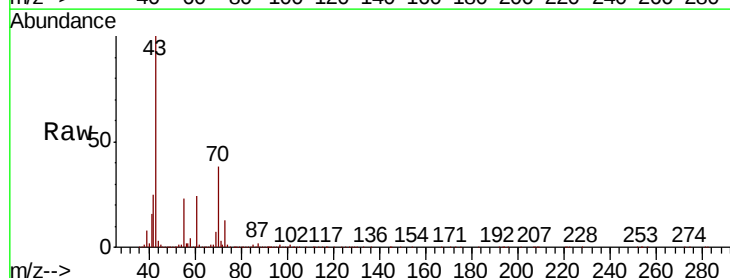
Ion Ratio Lower Upper

43 100

70 40.3 32.2 48.4

55 23.5 18.8 28.2

61 23.8 19.0 28.4

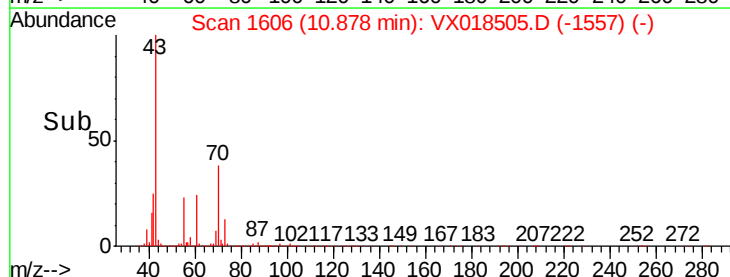
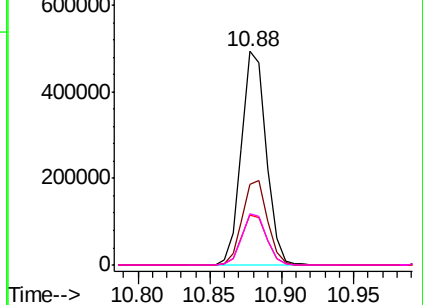


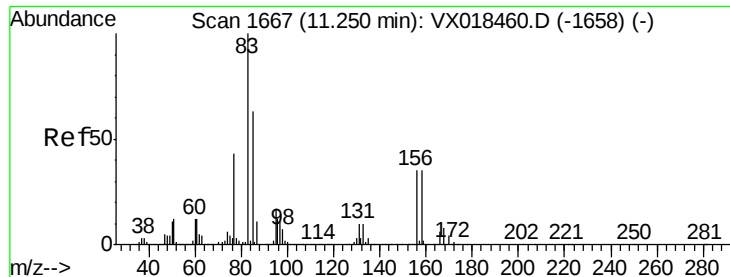
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.554 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

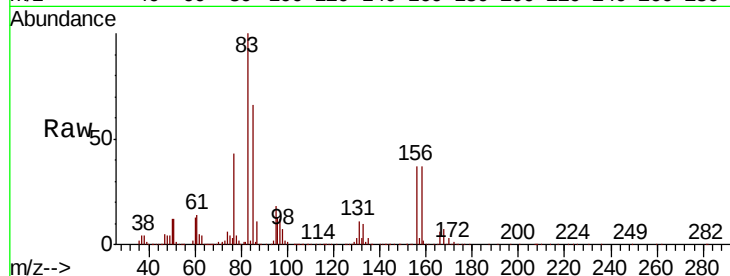
Tot Ion: 83 Resp: 413125

Ion Ratio Lower Upper

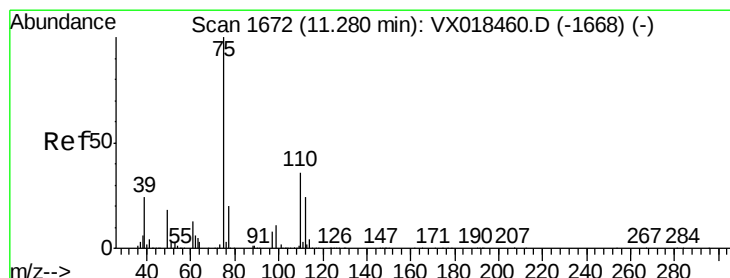
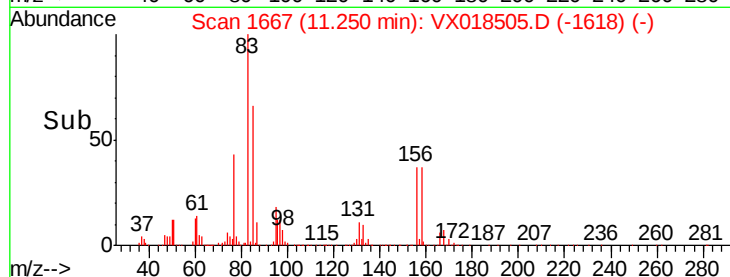
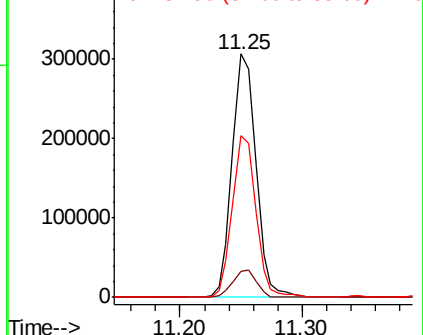
83 100

131 11.3 5.1 15.4

85 65.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.260 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018505.D

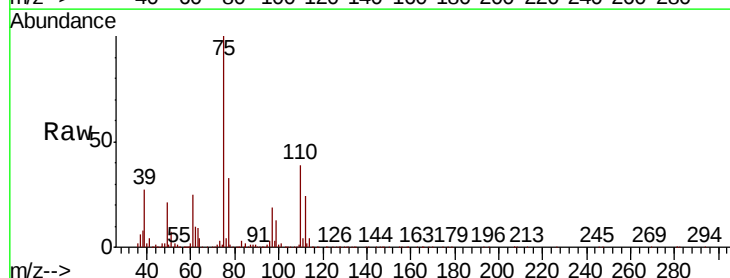
Acq: 18 Sep 2020 20:05

Tgt Ion: 75 Resp: 505781

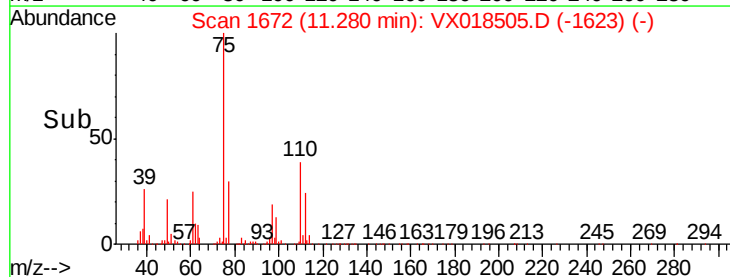
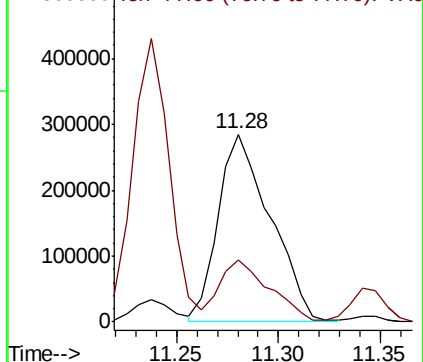
Ion Ratio Lower Upper

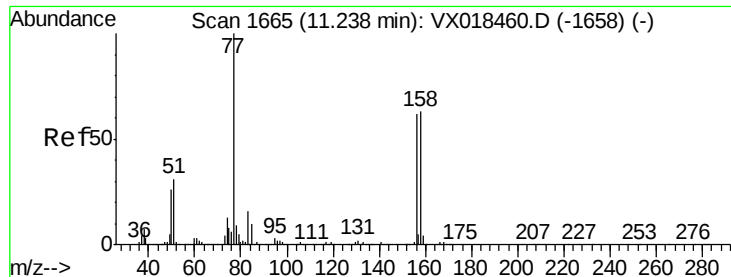
75 100

77 31.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.705 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

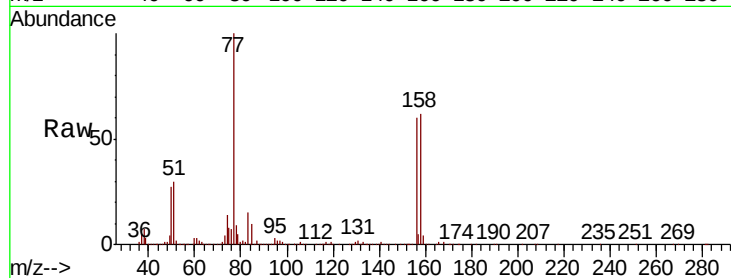
Tot Ion:156 Resp: 338233

Ion Ratio Lower Upper

156 100

77 159.6 78.8 236.5

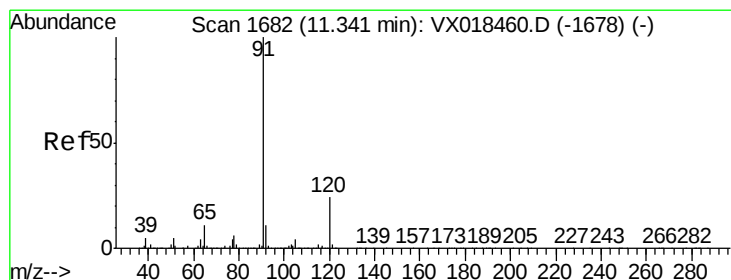
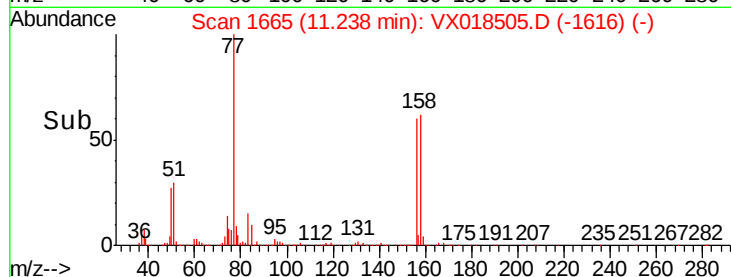
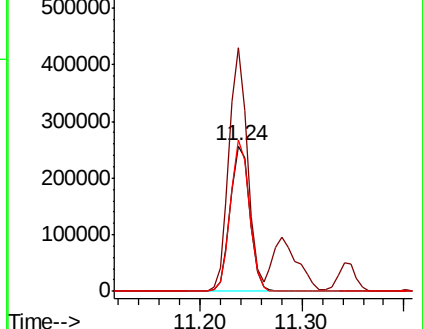
158 100.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.112 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018505.D

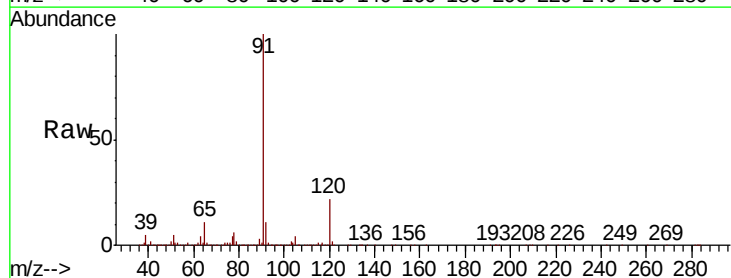
Acq: 18 Sep 2020 20:05

Tgt Ion: 91 Resp: 1478096

Ion Ratio Lower Upper

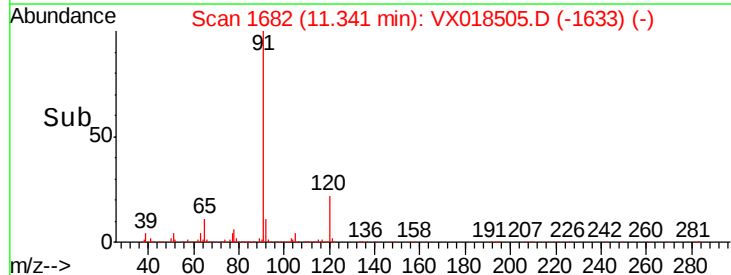
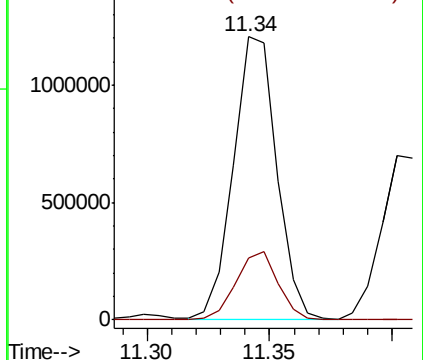
91 100

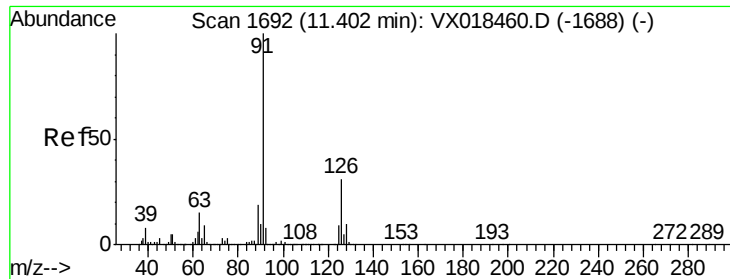
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.225 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

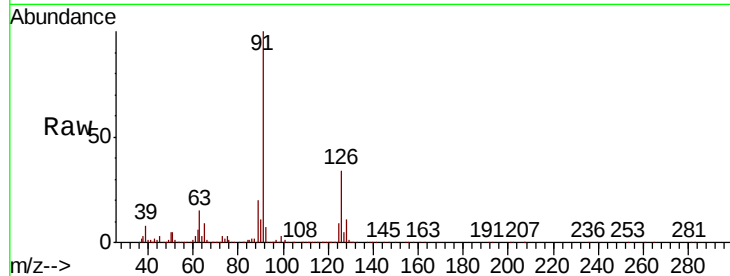
VSTDCCC050EC

Tot Ion: 91 Resp: 896800

Ion Ratio Lower Upper

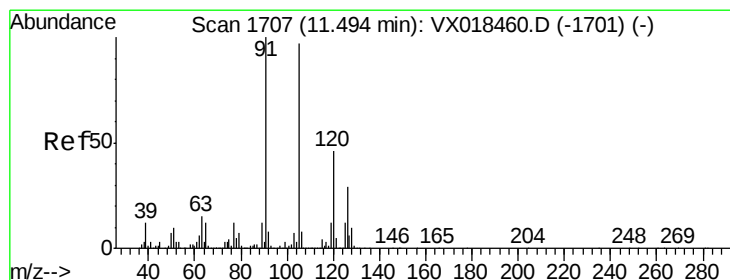
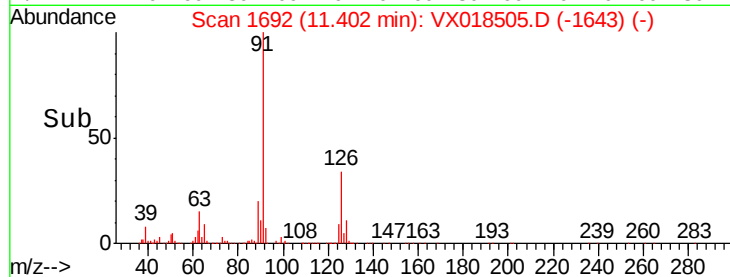
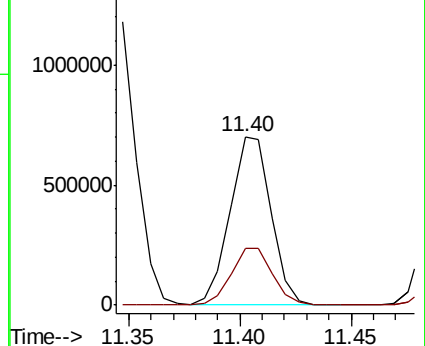
91 100

126 34.3 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VX018460.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018460.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.797 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018505.D

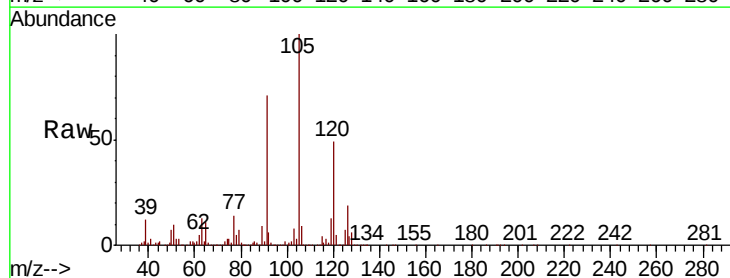
Acq: 18 Sep 2020 20:05

Tgt Ion: 105 Resp: 1095308

Ion Ratio Lower Upper

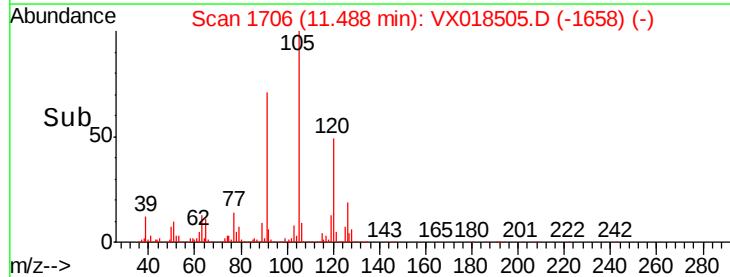
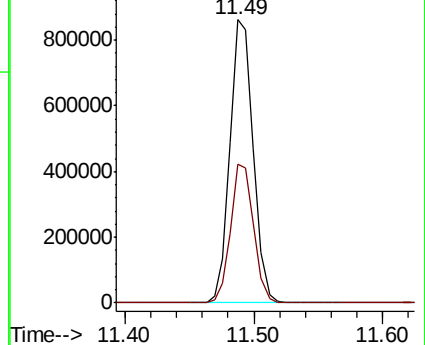
105 100

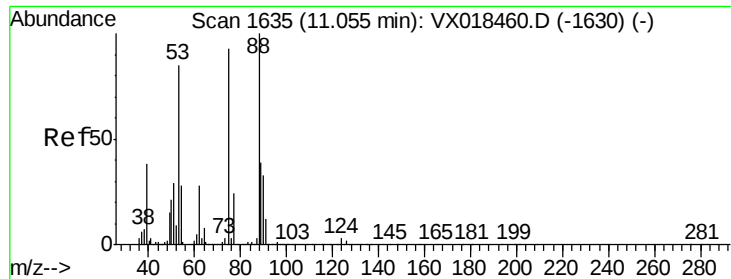
120 48.3 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VX018460.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018460.D (-1701) (-)

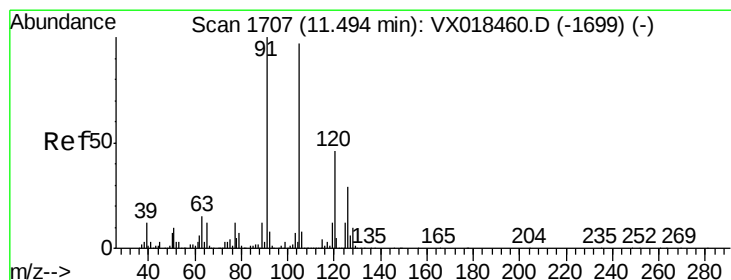
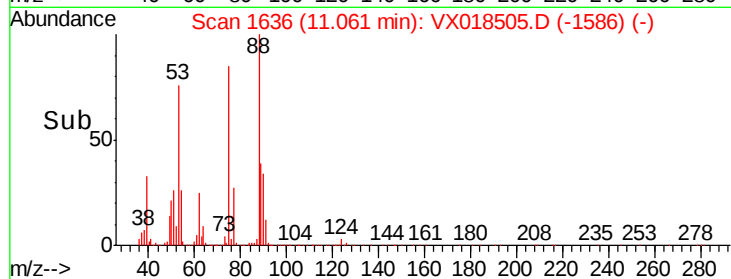
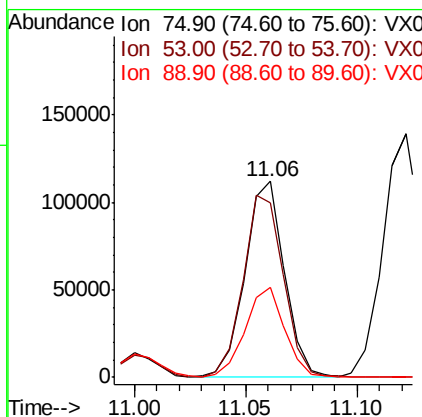
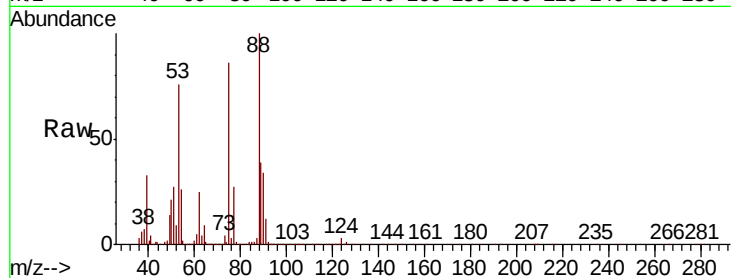




#81
trans-1,4-Dichloro-2-butene
Concen: 42.559 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

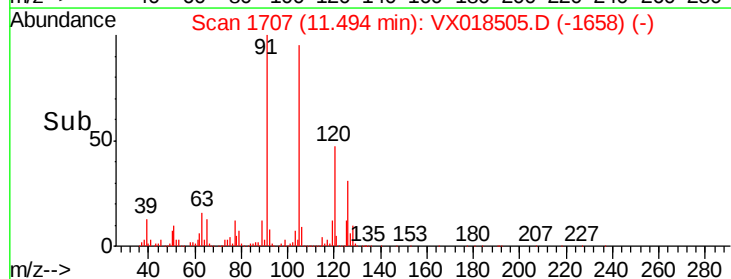
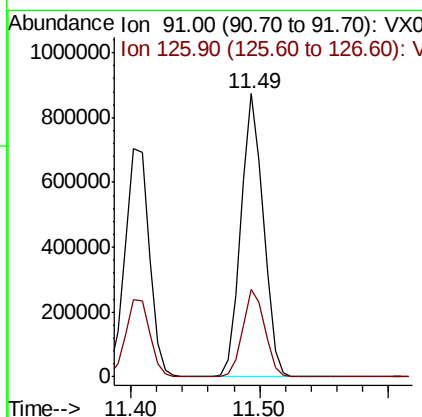
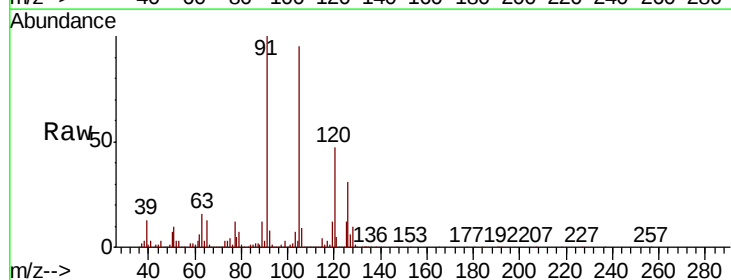
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

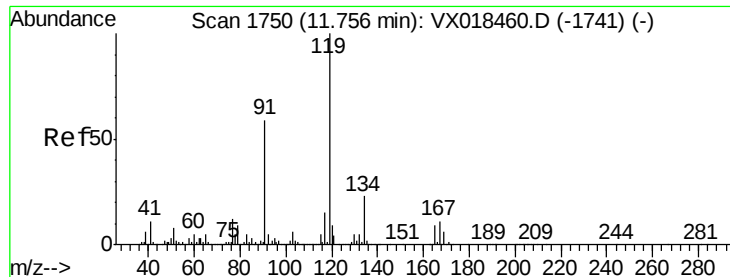
Tot Ion: 75 Resp: 137123
Ion Ratio Lower Upper
75 100
53 95.1 74.6 111.8
89 46.4 36.2 54.4



#82
4-Chlorotoluene
Concen: 47.711 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 91 Resp: 1054693
Ion Ratio Lower Upper
91 100
126 30.5 15.0 45.0





#83

tert-Butylbenzene

Concen: 50.013 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

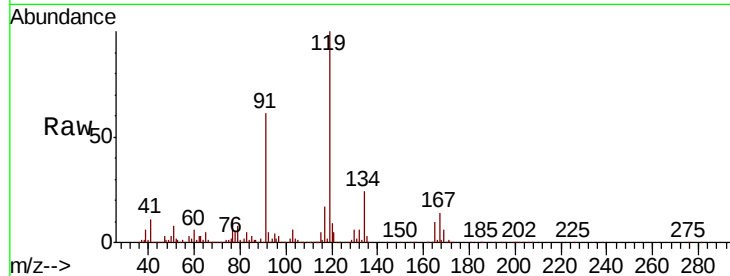
Tot Ion:119 Resp: 1089952

Ion Ratio Lower Upper

119 100

91 57.3 28.9 86.7

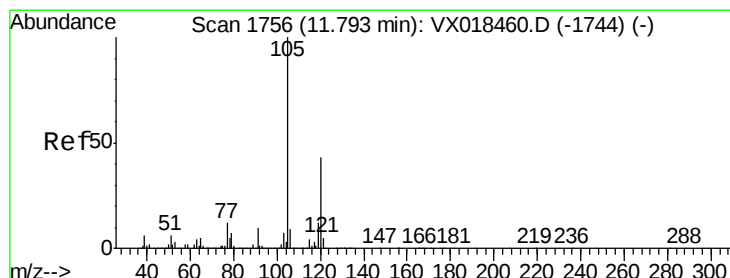
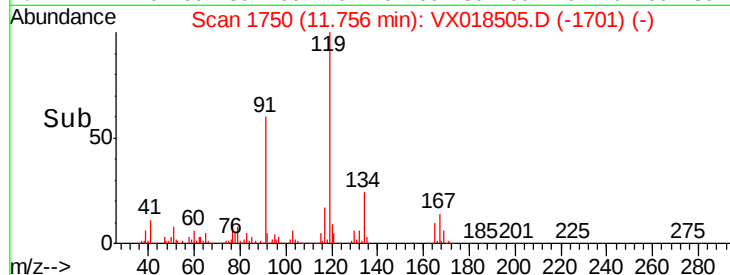
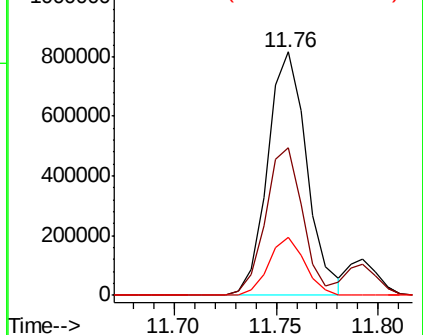
134 22.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.698 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018505.D

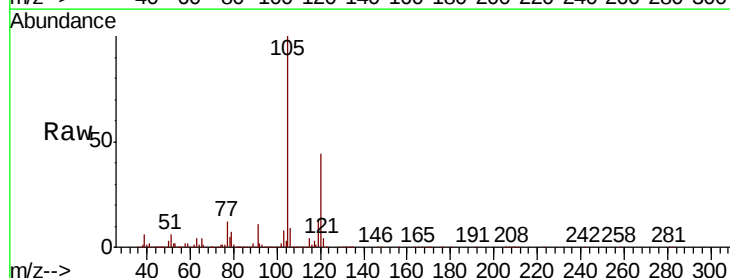
Acq: 18 Sep 2020 20:05

Tgt Ion:105 Resp: 1123449

Ion Ratio Lower Upper

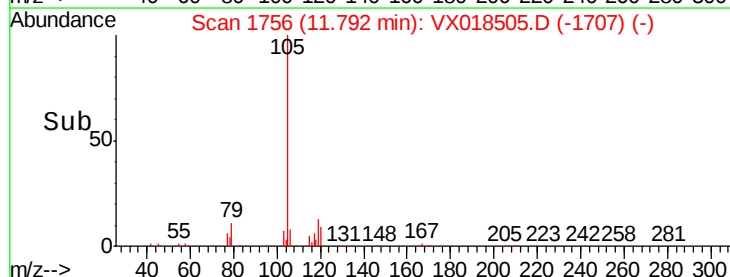
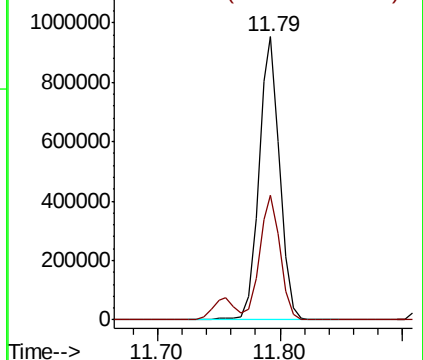
105 100

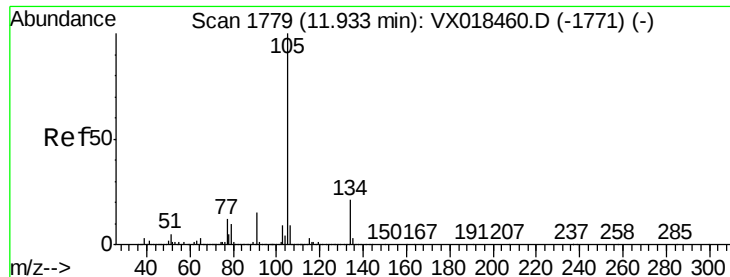
120 43.8 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.526 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

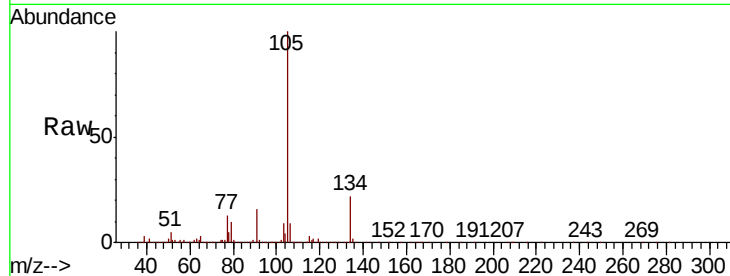
VSTDCCC050EC

Tot Ion:105 Resp: 1247815

Ion Ratio Lower Upper

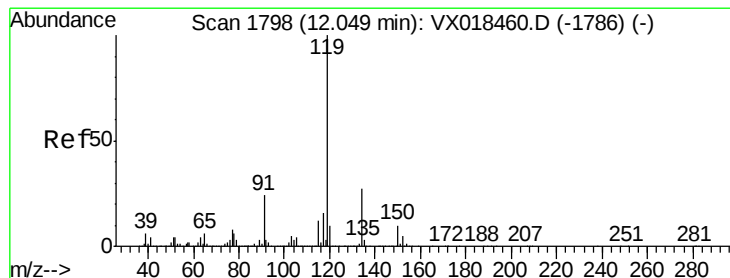
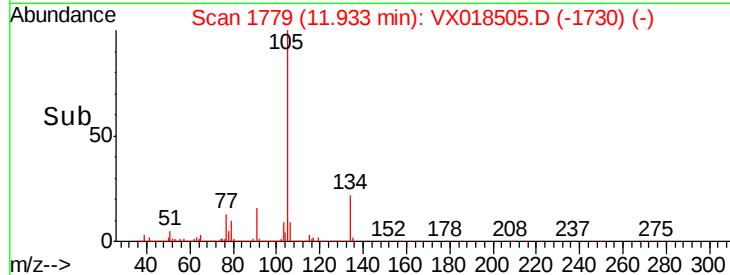
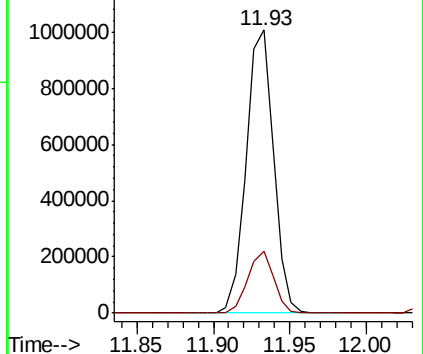
105 100

134 20.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.148 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

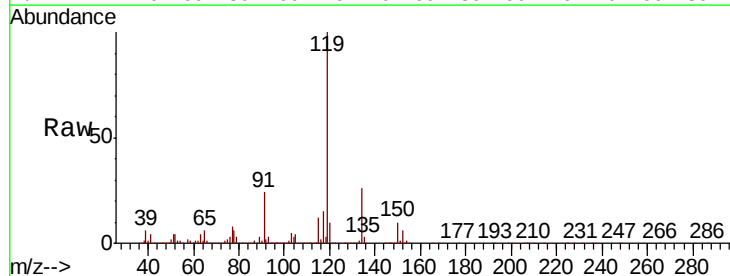
Tgt Ion:119 Resp: 1185141

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

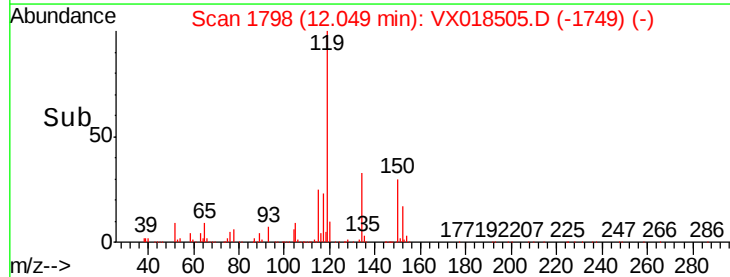
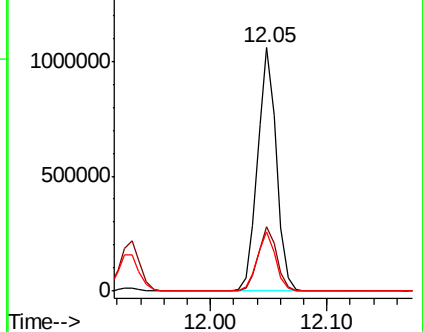
91 24.1 11.9 35.9

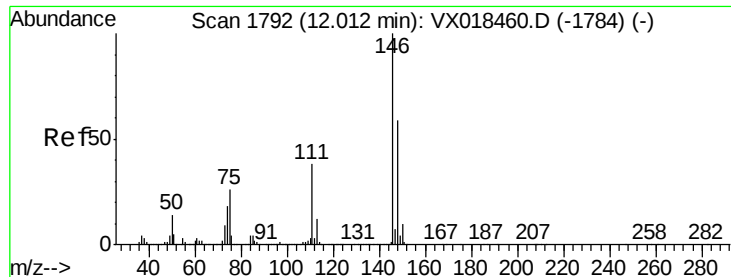


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

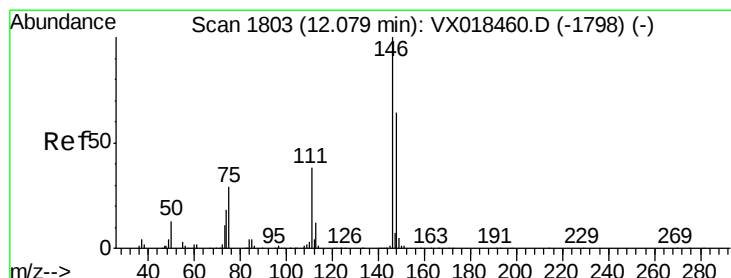
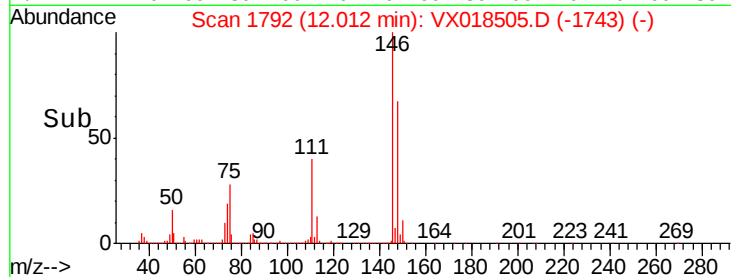
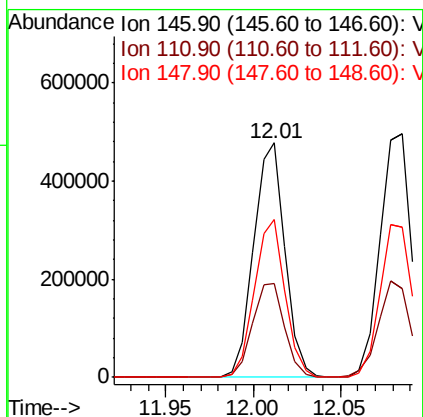
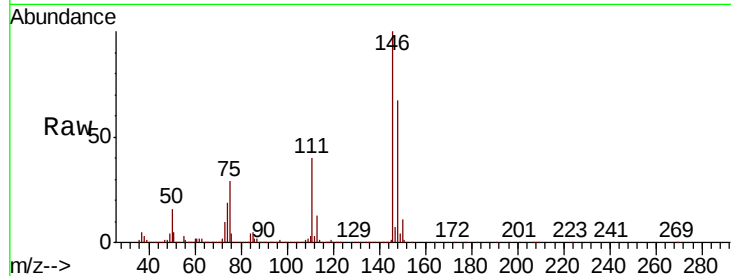




#87
 1,3-Dichlorobenzene
 Concen: 46.061 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

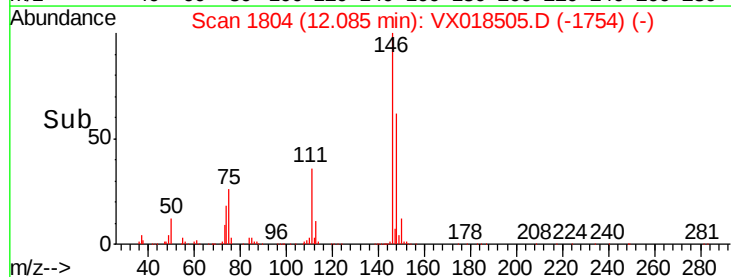
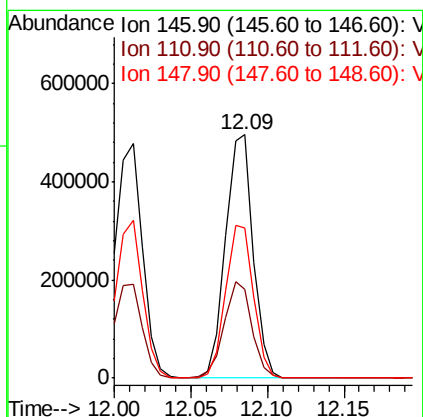
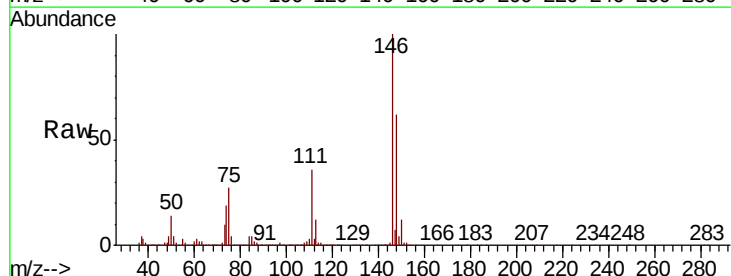
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

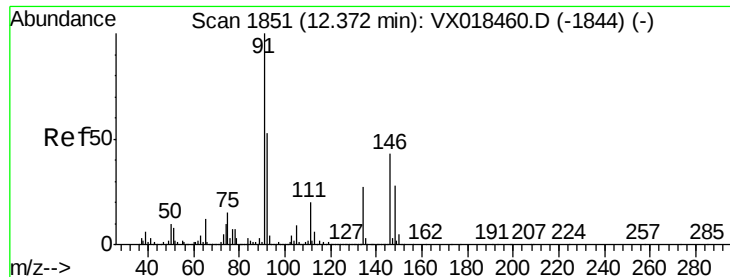
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	65.7	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 46.957 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	63.3	31.8	95.4

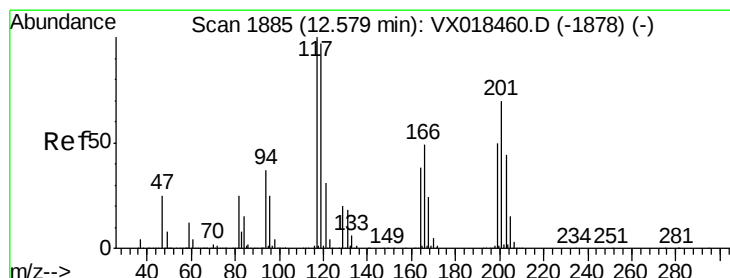
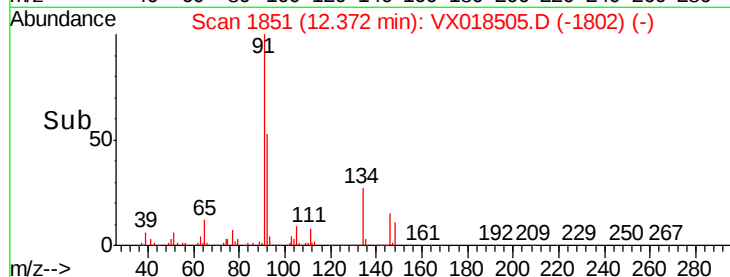
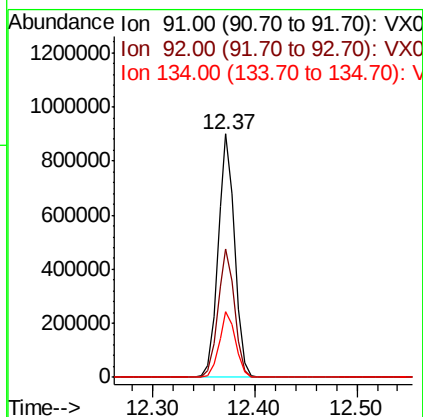
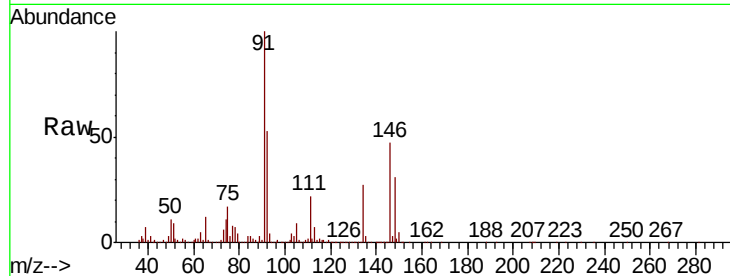




#89
n-Butylbenzene
Concen: 46.804 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

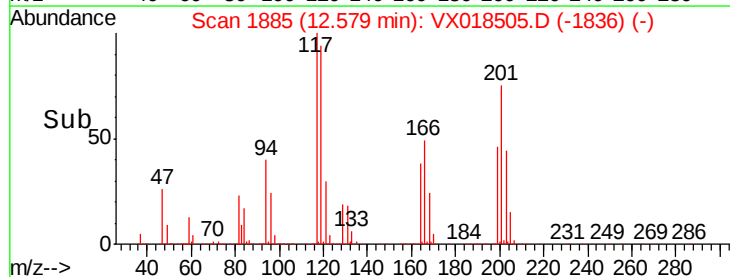
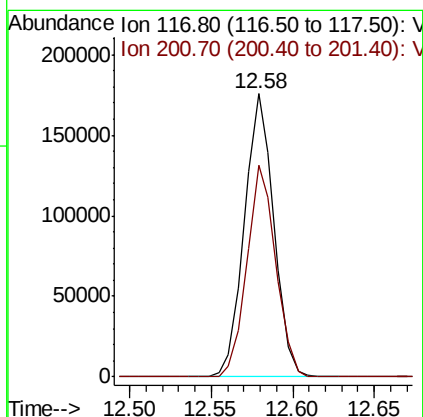
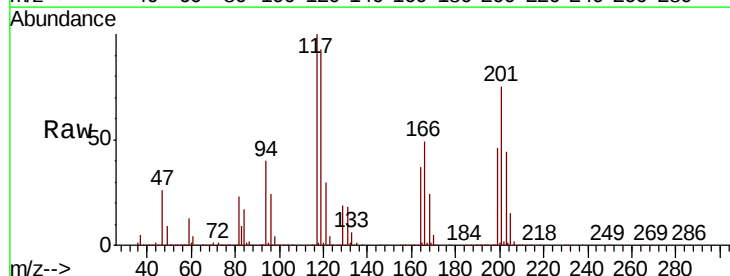
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

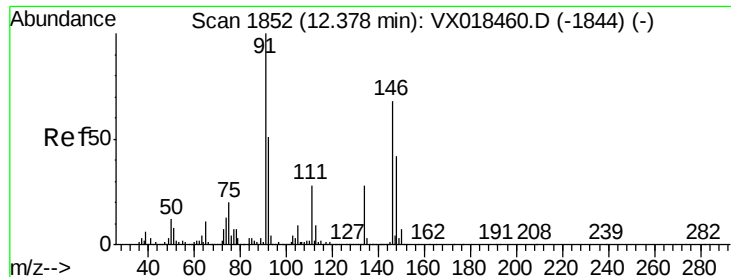
Tot Ion: 91 Resp: 1023988
Ion Ratio Lower Upper
91 100
92 53.3 26.1 78.2
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 46.752 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 117 Resp: 220581
Ion Ratio Lower Upper
117 100
201 73.5 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 47.802 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

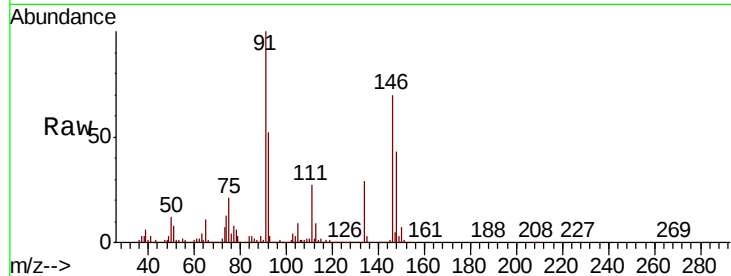
Tot Ion:146 Resp: 582564

Ion Ratio Lower Upper

146 100

111 41.6 21.5 64.5

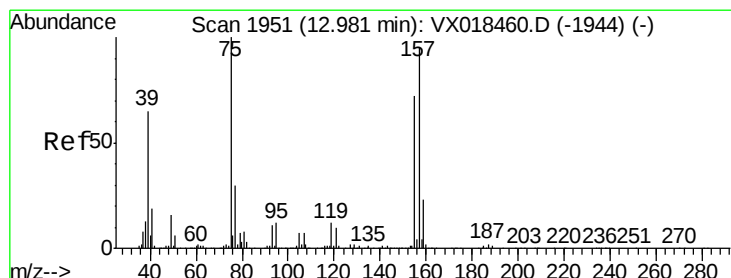
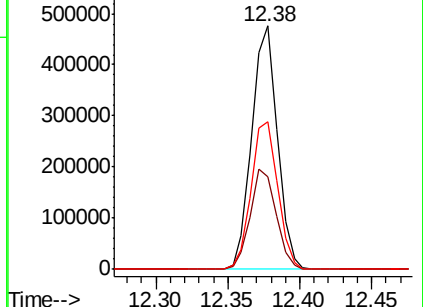
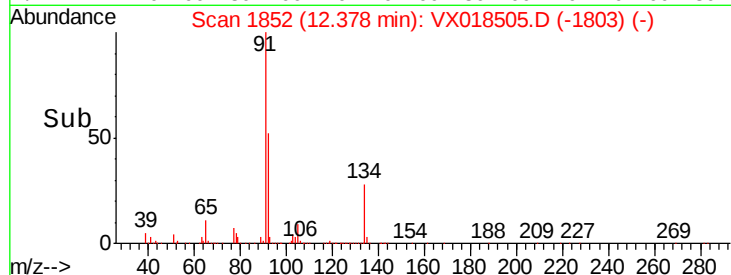
148 63.1 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.219 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

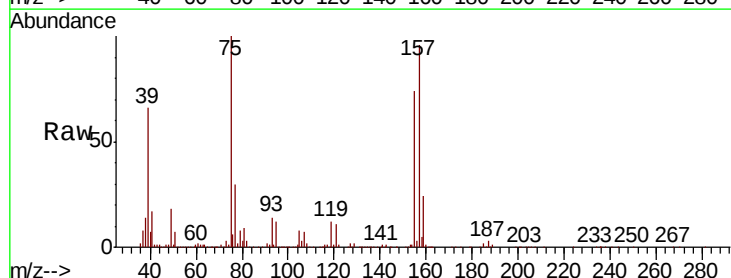
Tgt Ion: 75 Resp: 105910

Ion Ratio Lower Upper

75 100

155 78.7 38.8 116.4

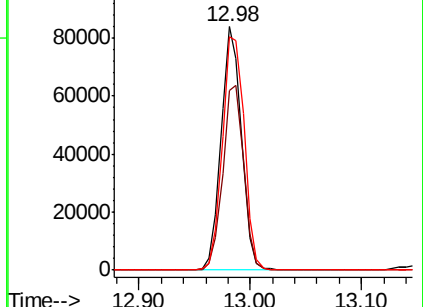
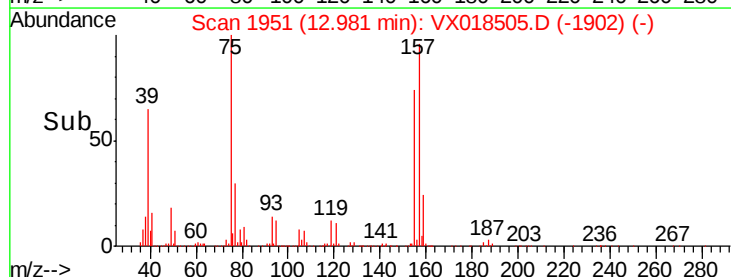
157 103.2 51.1 153.3

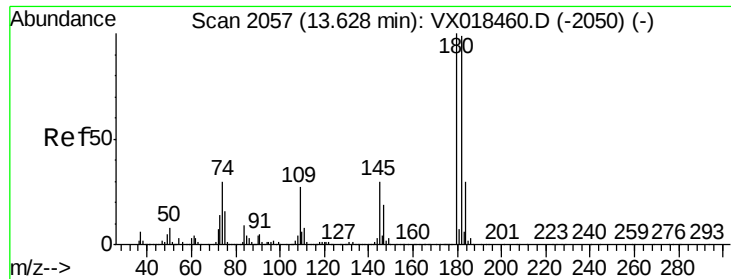


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

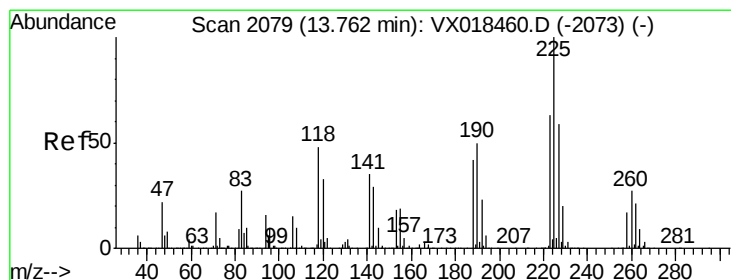
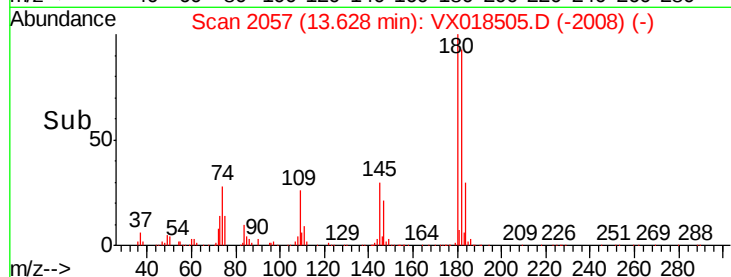
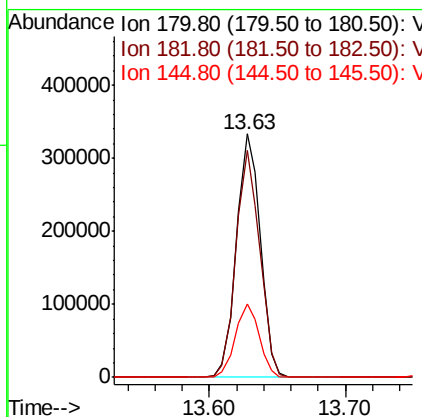
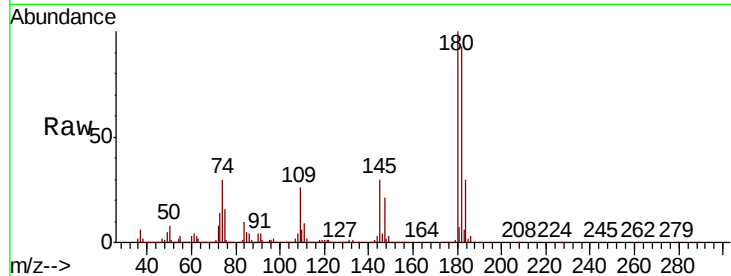




#93
 1,2,4-Trichlorobenzene
 Concen: 47.920 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

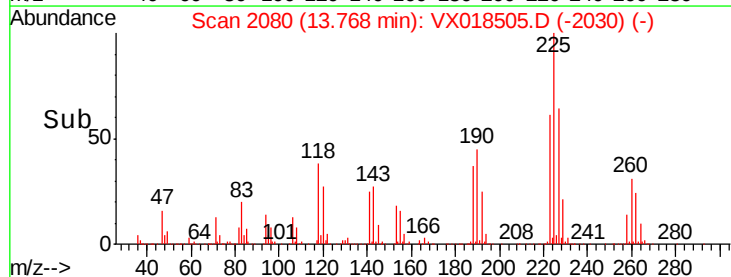
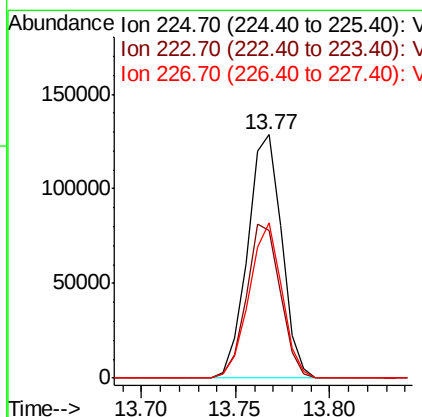
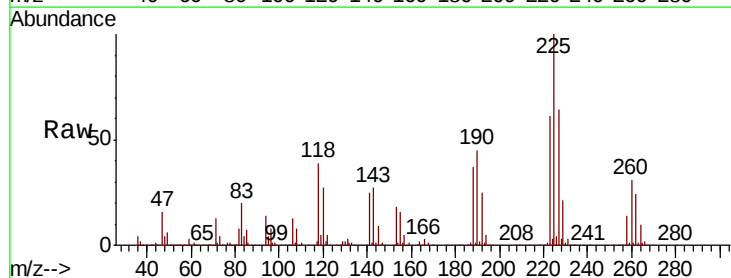
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

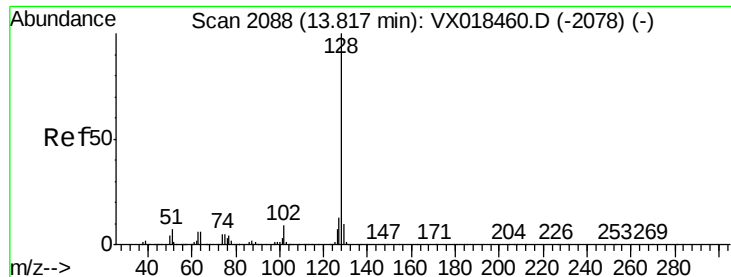
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	50.2	150.6
145	30.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 45.410 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.0	96.2
227	61.5	31.7	95.1





#95

Naphthalene

Concen: 49.907 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

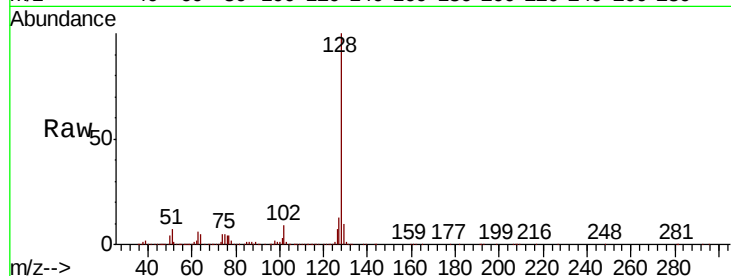
Tot Ion:128 Resp: 1278403

Ion Ratio Lower Upper

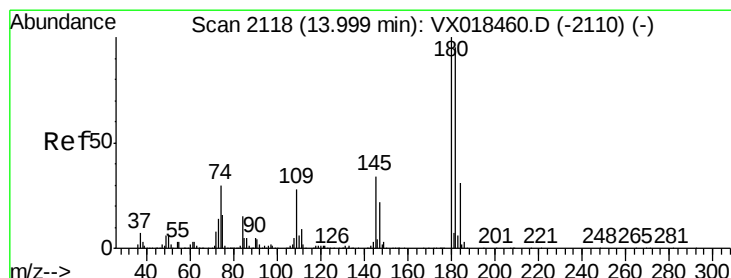
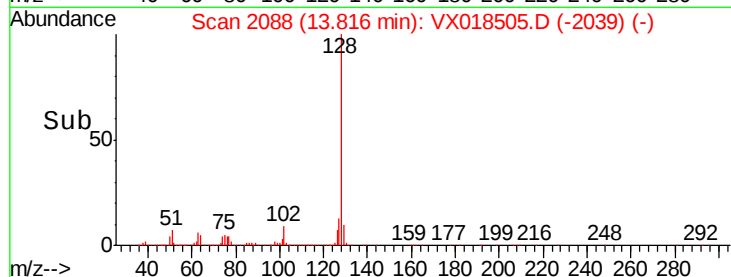
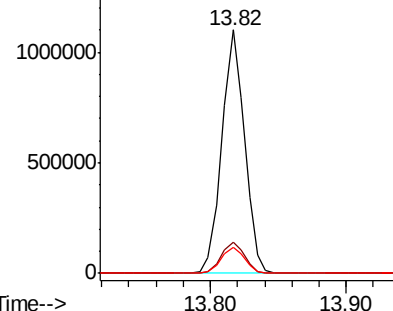
128 100

127 13.2 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
1500000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.163 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

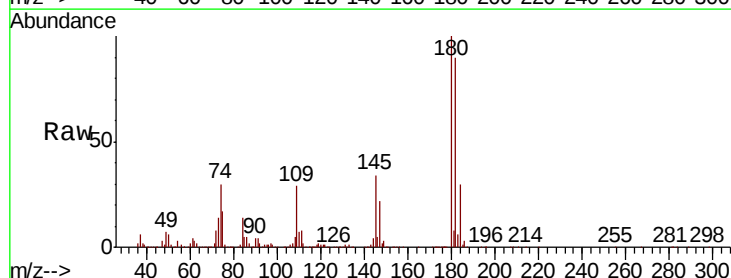
Tgt Ion:180 Resp: 390414

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.3

145 33.6 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V
400000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

