

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016662.D
 Acq On : 09 Jun 2020 15:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 04:15:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	246971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	363260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182078	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	131654	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	
35) Dibromofluoromethane	5.46	113	109090	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	8.70	98	411302	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.12	95	159312	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	105063	43.228	ug/l	97
3) Chloromethane	1.31	50	112566	38.325	ug/l	98
4) Vinyl Chloride	1.39	62	127864	41.166	ug/l	100
5) Bromomethane	1.62	94	70871	46.927	ug/l	95
6) Chloroethane	1.70	64	80041	44.176	ug/l	98
7) Trichlorofluoromethane	1.91	101	199616	48.935	ug/l	100
8) Diethyl Ether	2.17	74	75226	44.226	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	112359	50.047	ug/l	98
10) Methyl Iodide	2.49	142	118400	44.500	ug/l	99
11) Tert butyl alcohol	3.01	59	159308	202.556	ug/l	99
12) 1,1-Dichloroethene	2.36	96	109310	45.998	ug/l	97
13) Acrolein	2.27	56	65813	196.714	ug/l	98
14) Allyl chloride	2.70	41	177724	40.666	ug/l	96
15) Acrylonitrile	3.11	53	335463	208.223	ug/l	99
16) Acetone	2.42	43	288528	214.719	ug/l	99
17) Carbon Disulfide	2.54	76	282376	40.014	ug/l	99
18) Methyl Acetate	2.74	43	151557	43.975	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	392593	46.007	ug/l	95
20) Methylene Chloride	2.83	84	121782	43.804	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	118458	45.066	ug/l	92
22) Diisopropyl ether	3.82	45	347793	41.426	ug/l	97
23) Vinyl Acetate	3.78	43	1539913	209.551	ug/l	96
24) 1,1-Dichloroethane	3.67	63	210720	44.469	ug/l	100
25) 2-Butanone	4.63	43	449732	197.517	ug/l	93
26) 2,2-Dichloropropane	4.54	77	199811	51.531	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	137885	45.343	ug/l	98
28) Bromochloromethane	4.98	49	89258	40.535	ug/l	84
29) Tetrahydrofuran	5.08	42	288651	196.227	ug/l	93
30) Chloroform	5.17	83	221125	46.313	ug/l	98
31) Cyclohexane	5.54	56	170782	40.061	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	206338	47.734	ug/l	98
36) 1,1-Dichloropropene	5.76	75	161033	46.820	ug/l	98
37) Ethyl Acetate	4.79	43	169090	40.949	ug/l	96
38) Carbon Tetrachloride	5.74	117	187074	51.757	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	186332	49.878	ug/l	96
40) Benzene	6.10	78	482333	47.092	ug/l	100
41) Methacrylonitrile	4.99	41	94297	41.574	ug/l	97
42) 1,2-Dichloroethane	6.15	62	174440	47.891	ug/l	100
43) Isopropyl Acetate	6.40	43	274105	42.557	ug/l	97
44) Trichloroethene	7.18	130	156564	48.178	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121014	46.411	ug/l	98
46) Dibromomethane	7.63	93	84041	47.986	ug/l	95
47) Bromodichloromethane	7.87	83	182311	50.274	ug/l	99
48) Methyl methacrylate	7.74	41	132888	43.091	ug/l	95
49) 1,4-Dioxane	7.71	88	64825	898.209	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	870812	217.132	ug/l	97
52) Toluene	8.76	92	316363	48.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	205926	49.940	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	214479	49.141	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	129021	50.242	ug/l	97
56) Ethyl methacrylate	9.16	69	199150	47.617	ug/l	96
57) 1,3-Dichloropropane	9.35	76	212236	48.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	506063	231.820	ug/l	96
59) 2-Hexanone	9.47	43	672622	215.667	ug/l	97
60) Dibromochloromethane	9.56	129	152206	52.668	ug/l	99
61) 1,2-Dibromoethane	9.65	107	137355	49.948	ug/l	100
64) Tetrachloroethene	9.32	164	187380	49.063	ug/l	99
65) Chlorobenzene	10.12	112	341831	49.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	137038	51.583	ug/l	99
67) Ethyl Benzene	10.23	91	604278	48.768	ug/l	99
68) m/p-Xylenes	10.34	106	466587	101.560	ug/l	98
69) o-Xylene	10.68	106	221798	49.850	ug/l	97
70) Styrene	10.70	104	389361	50.912	ug/l	99
71) Bromoform	10.84	173	118731	52.882	ug/l #	99
73) Isopropylbenzene	11.00	105	602451	47.754	ug/l	100
74) N-amyl acetate	10.88	43	232790	40.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	148915	47.098	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	237104	59.244	ug/l	84
77) Bromobenzene	11.24	156	156410	47.270	ug/l	95
78) n-propylbenzene	11.34	91	676103	47.969	ug/l	99
79) 2-Chlorotoluene	11.40	91	403321	46.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	510894	48.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	72777	44.731	ug/l	96
82) 4-Chlorotoluene	11.49	91	480740	47.319	ug/l	99
83) tert-Butylbenzene	11.76	119	455535	50.610	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	520774	48.884	ug/l	99
85) sec-Butylbenzene	11.93	105	559354	49.539	ug/l	100
86) p-Isopropyltoluene	12.05	119	544136	51.445	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	281877	49.171	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	283738	48.395	ug/l	99
89) n-Butylbenzene	12.37	91	463533	52.615	ug/l	99
90) Hexachloroethane	12.58	117	96284	52.702	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	268784	48.395	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44701	43.648	ug/l	97

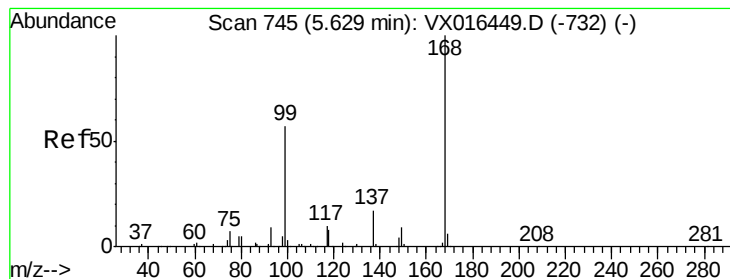
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	195091	52.890	ug/l	99
94) Hexachlorobutadiene	13.77	225	86586	59.787	ug/l	98
95) Naphthalene	13.82	128	595500	47.094	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	186540	51.620	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

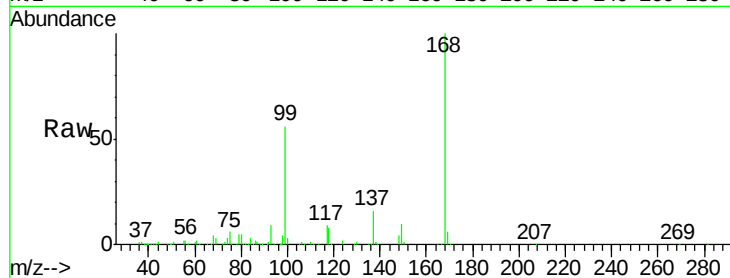
VSTDCCC050EC

Tot Ion:168 Resp: 246971

Ion Ratio Lower Upper

168 100

99 55.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

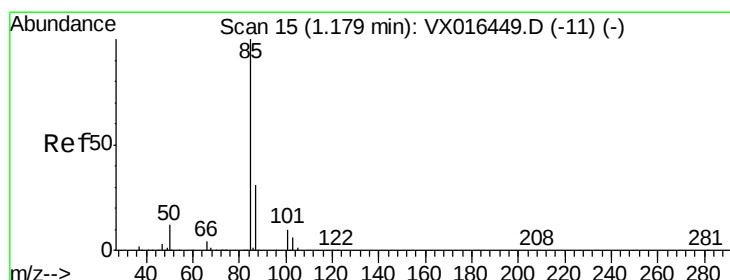
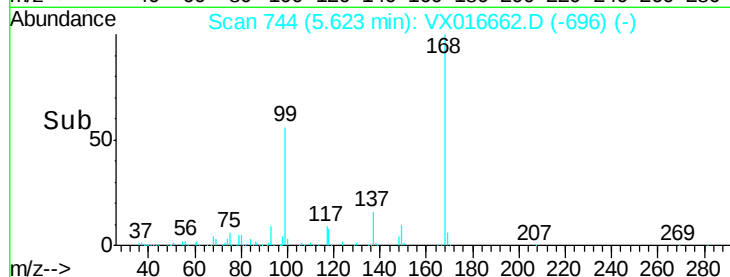
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.228 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016662.D

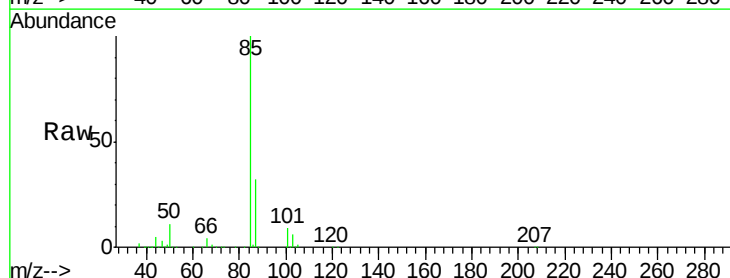
Acq: 09 Jun 2020 15:59

Tgt Ion: 85 Resp: 105063

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

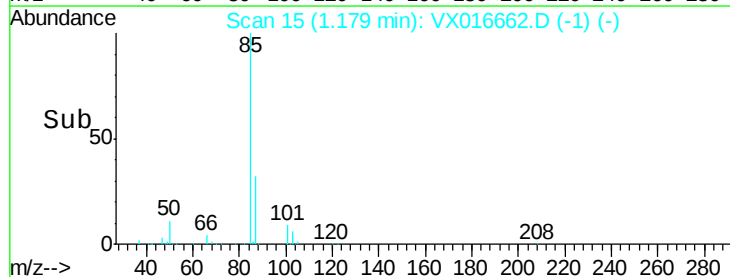
40000

20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 38.325 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

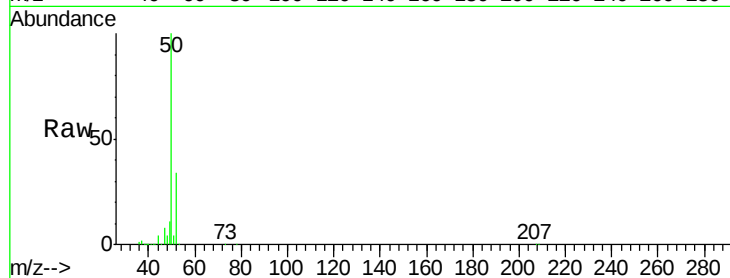
VSTDCCC050EC

Tot Ion: 50 Resp: 112566

Ion Ratio Lower Upper

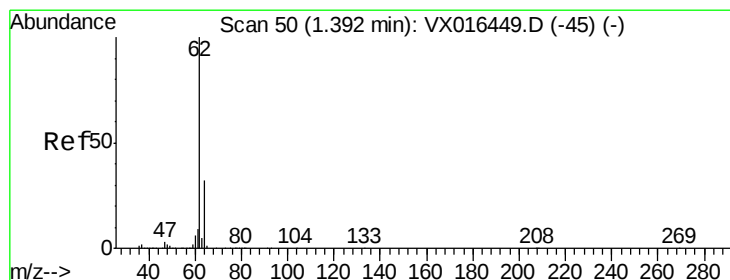
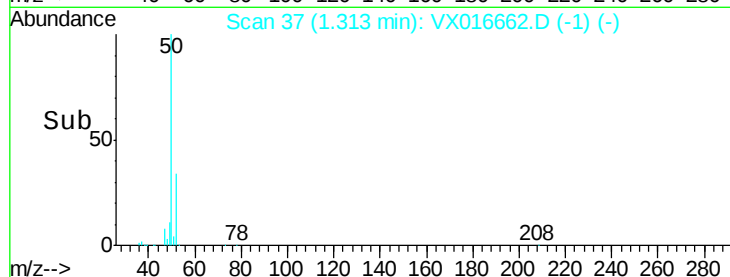
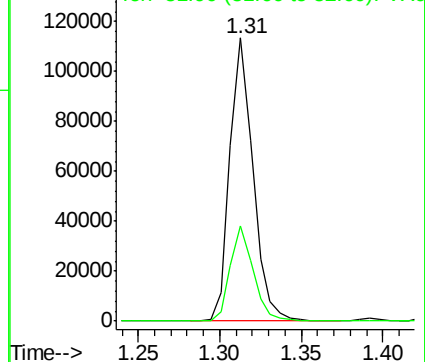
50 100

52 33.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.166 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016662.D

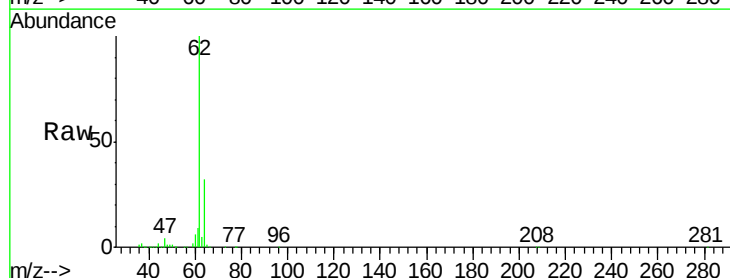
Acq: 09 Jun 2020 15:59

Tgt Ion: 62 Resp: 127864

Ion Ratio Lower Upper

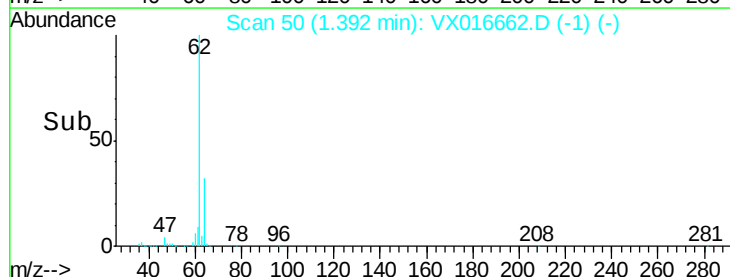
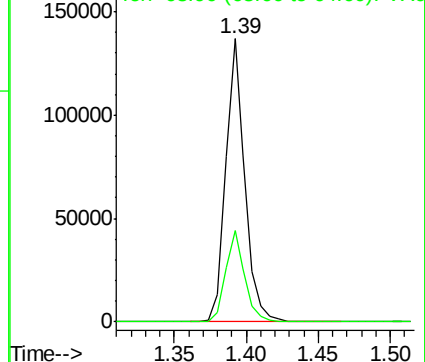
62 100

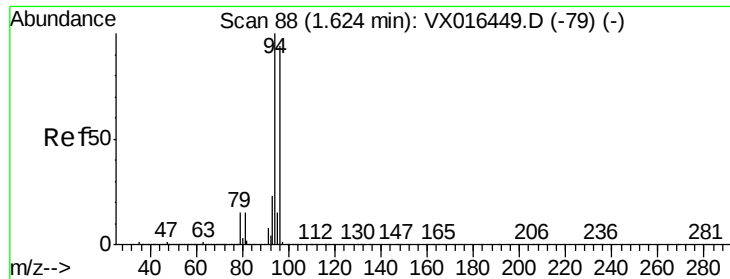
64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.927 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

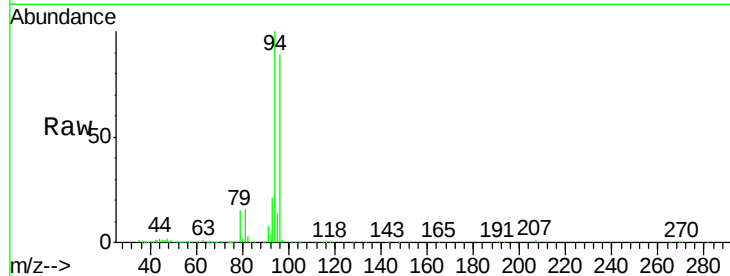
VSTDCCC050EC

Tot Ion: 94 Resp: 70871

Ion Ratio Lower Upper

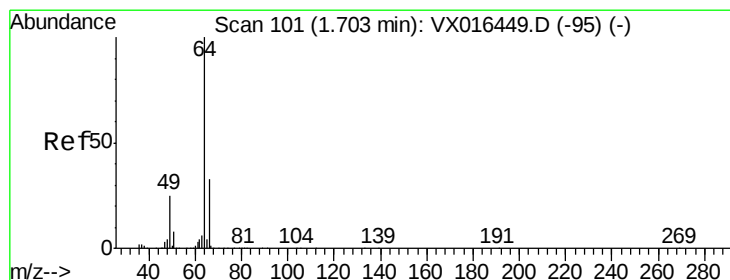
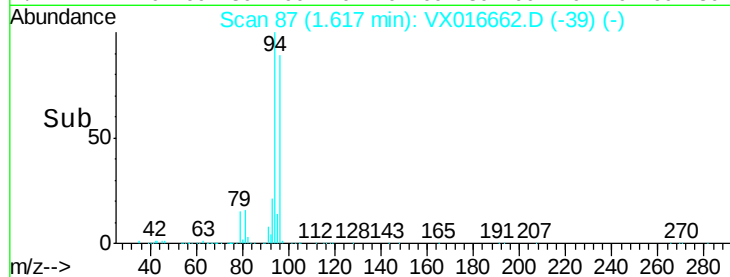
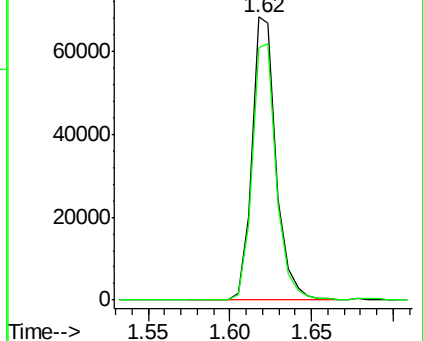
94 100

96 89.0 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.176 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016662.D

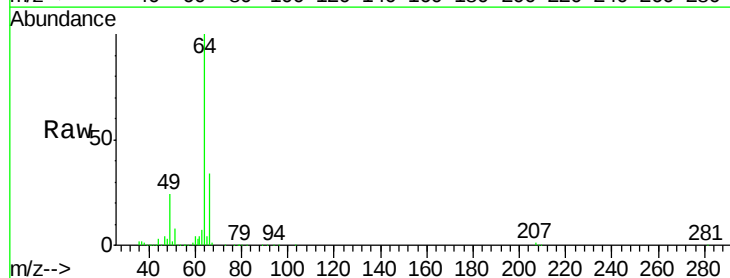
Acq: 09 Jun 2020 15:59

Tgt Ion: 64 Resp: 80041

Ion Ratio Lower Upper

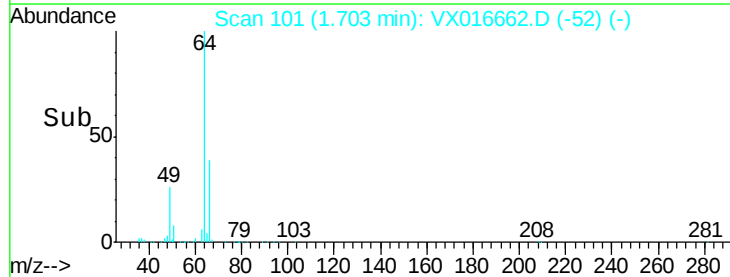
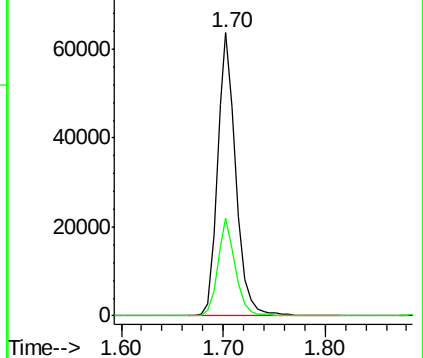
64 100

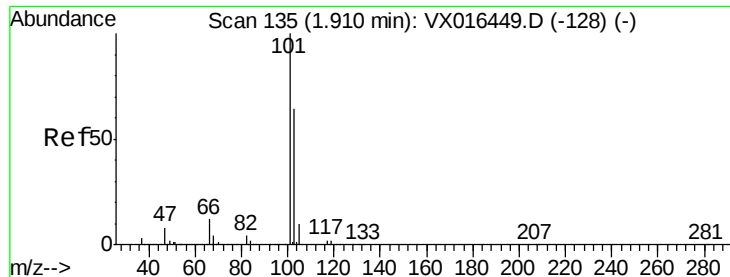
66 34.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



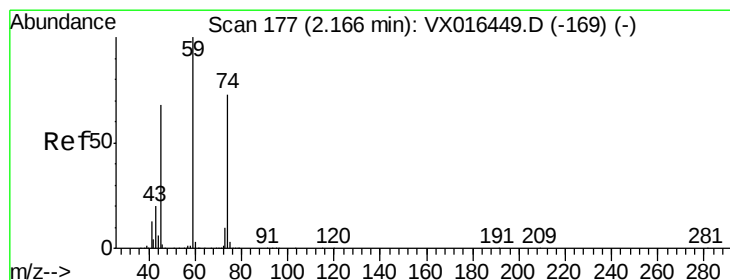
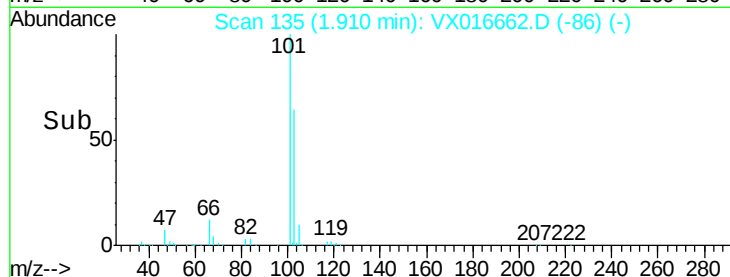
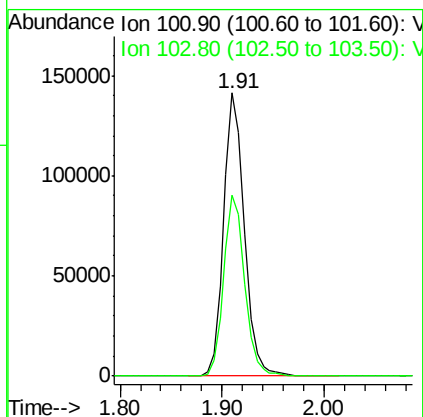
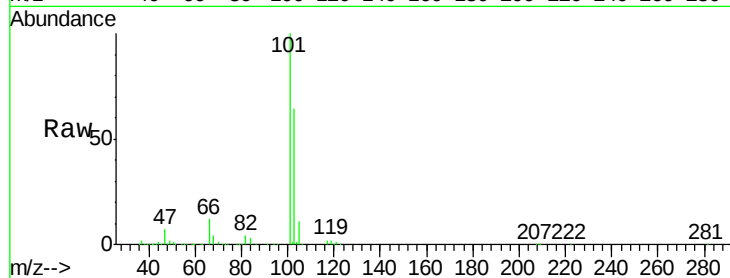


#7

Trichlorofluoromethane
Concen: 48.935 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Instrument :
MSVOA_X
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VSTDCCC050EC

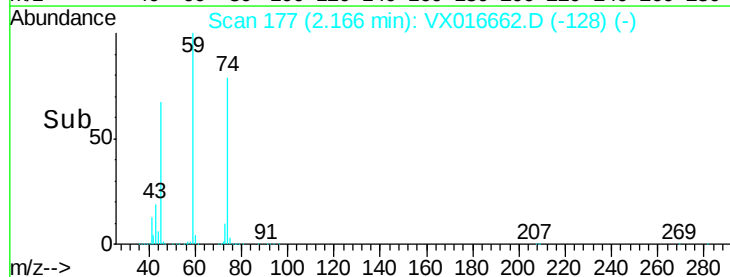
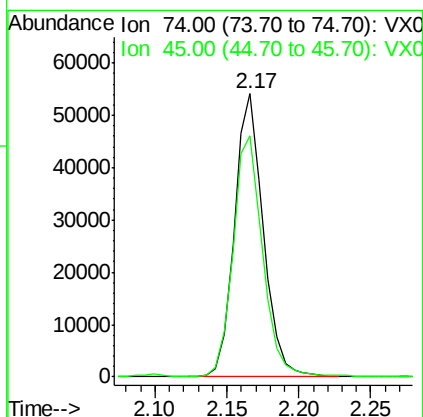
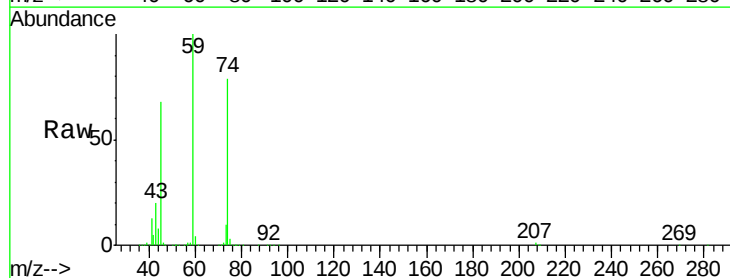
Tot Ion:101 Resp: 199616
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3



#8

Diethyl Ether
Concen: 44.226 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 74 Resp: 75226
Ion Ratio Lower Upper
74 100
45 87.5 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.047 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

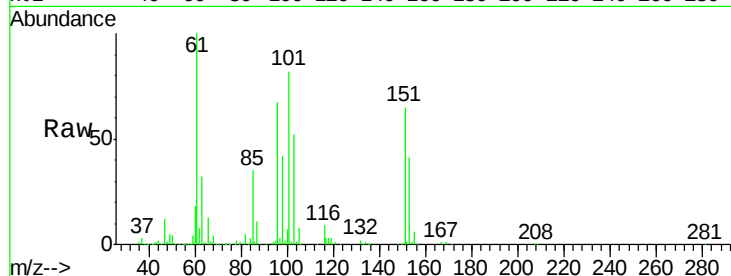
Tot Ion:101 Resp: 112359

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

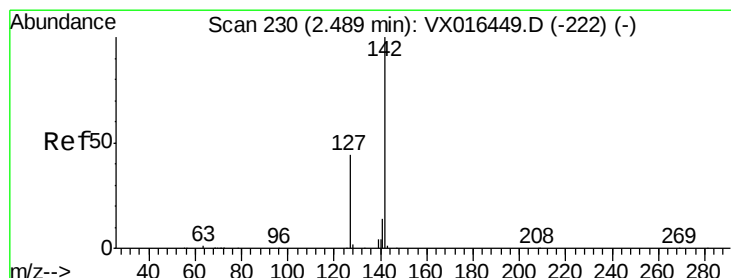
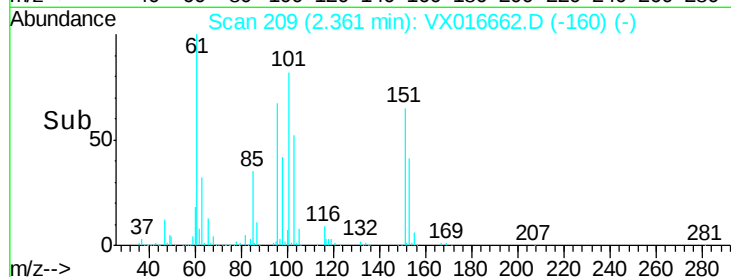
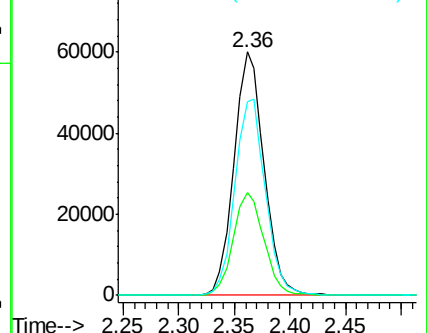
151 82.0 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.500 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

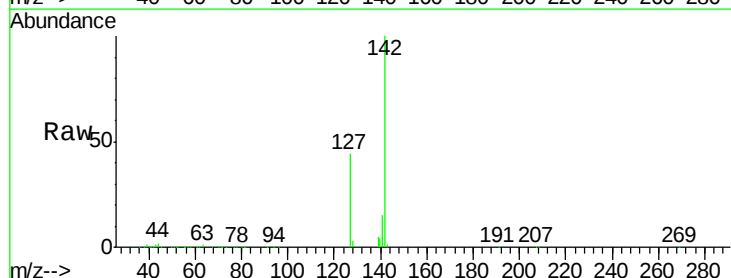
Tgt Ion:142 Resp: 118400

Ion Ratio Lower Upper

142 100

127 44.5 35.3 52.9

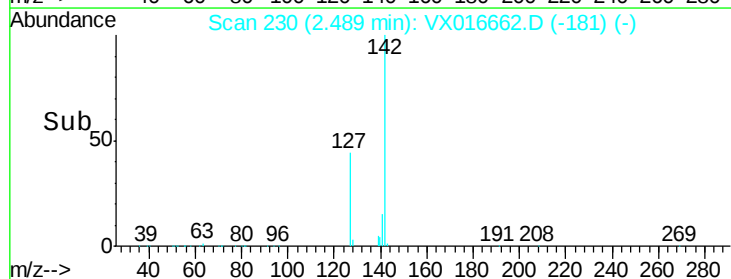
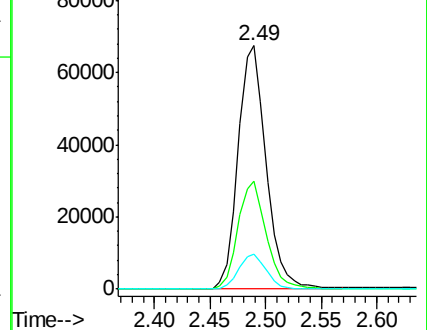
141 14.4 11.4 17.2

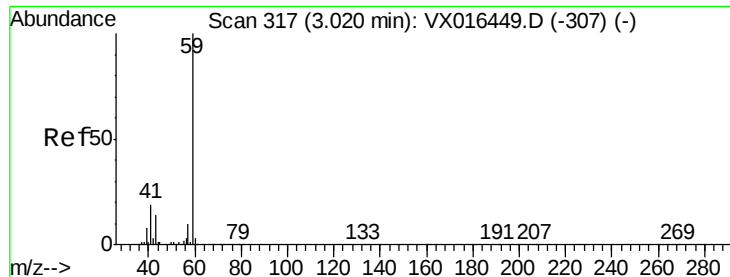


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



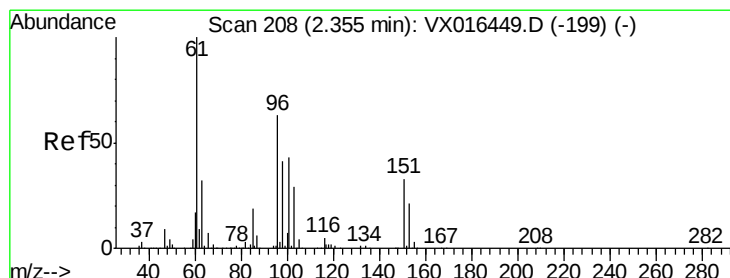
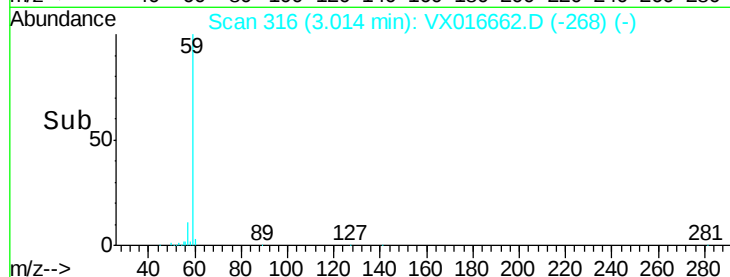
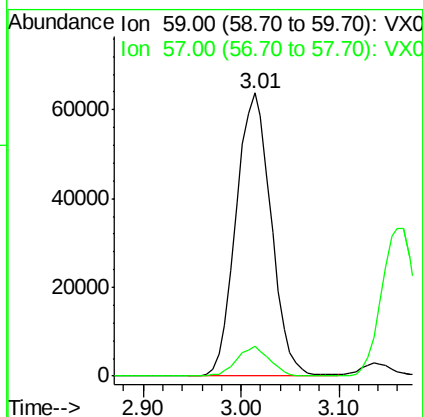
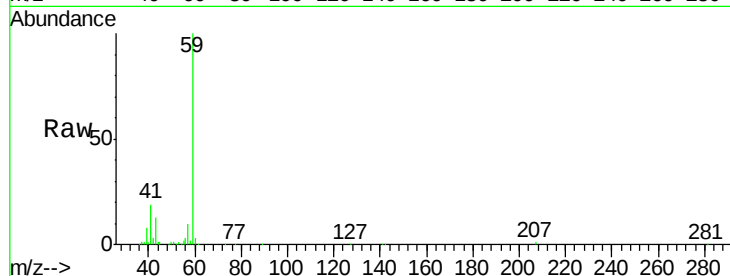


#11

Tert butyl alcohol
 Concen: 202.556 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

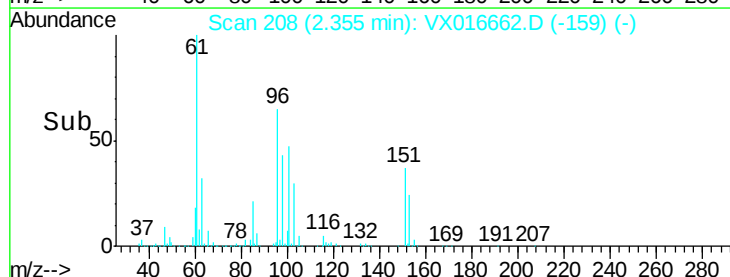
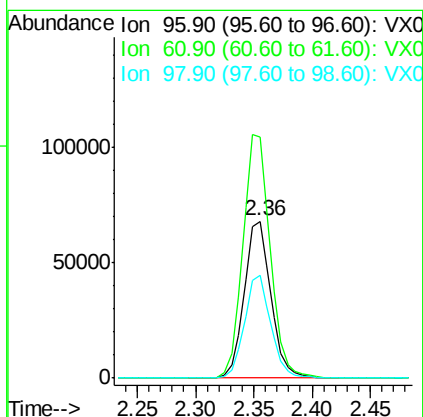
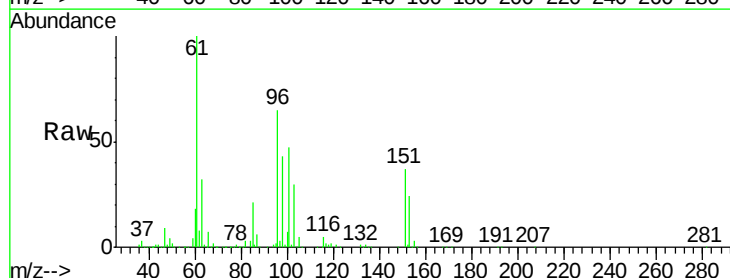
Tot Ion: 59 Resp: 159308
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

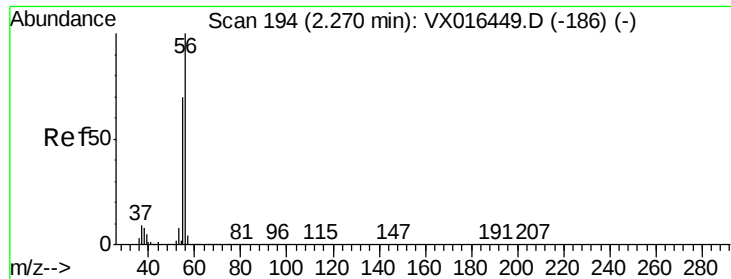


#12

1,1-Dichloroethene
 Concen: 45.998 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion: 96 Resp: 109310
 Ion Ratio Lower Upper
 96 100
 61 153.2 126.6 189.8
 98 65.1 51.3 76.9





#13

Acrolein

Concen: 196.714 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

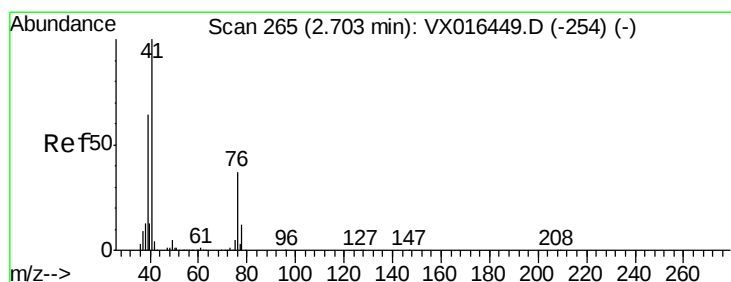
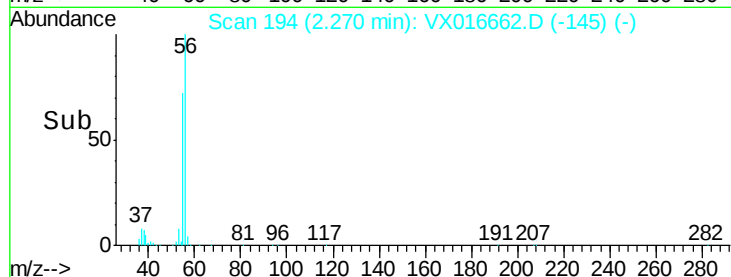
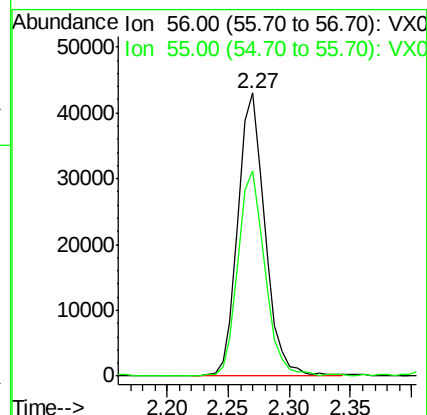
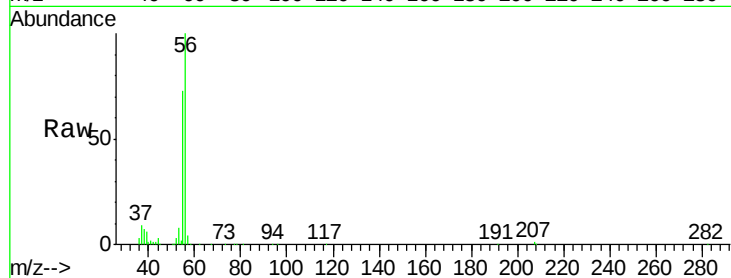
VSTDCCC050EC

Tot Ion: 56 Resp: 65813

Ion Ratio Lower Upper

56 100

55 71.4 58.3 87.5



#14

Allyl chloride

Concen: 40.666 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

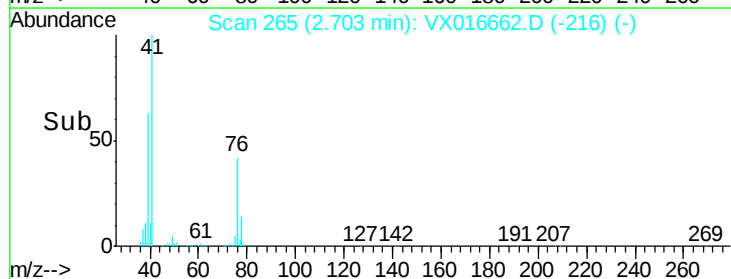
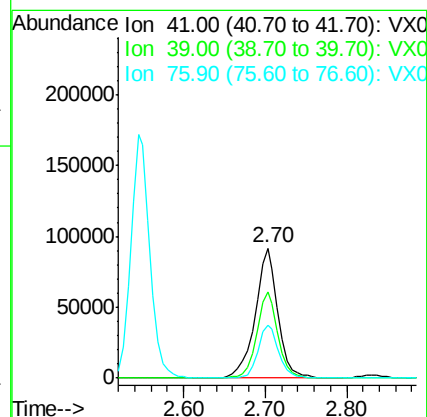
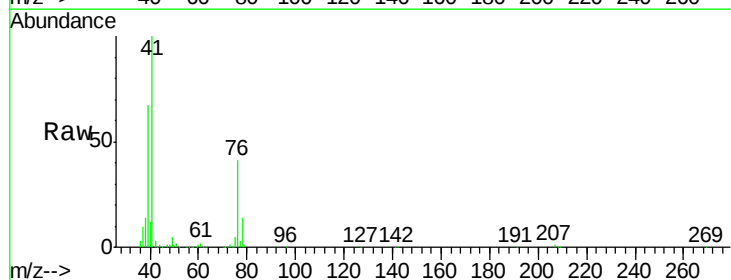
Tgt Ion: 41 Resp: 177724

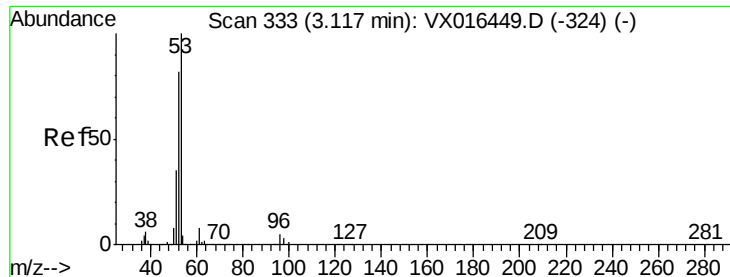
Ion Ratio Lower Upper

41 100

39 62.0 47.7 71.5

76 37.1 26.6 40.0





#15

Acrylonitrile

Concen: 208.223 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

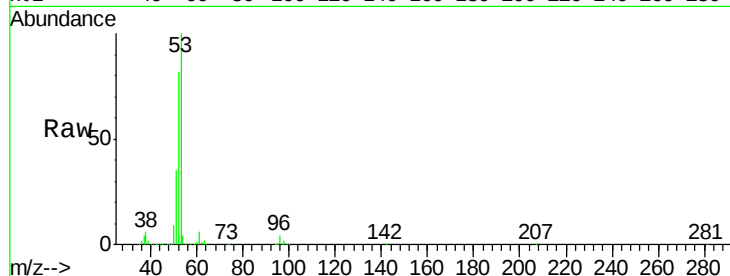
Tot Ion: 53 Resp: 335463

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

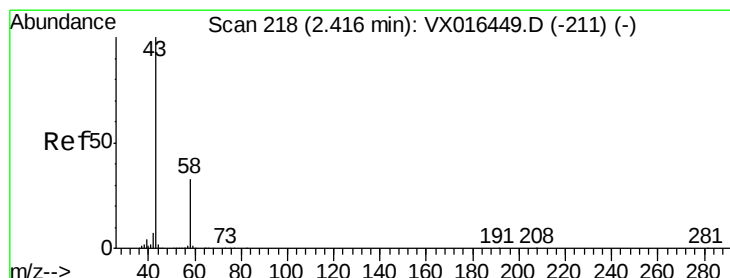
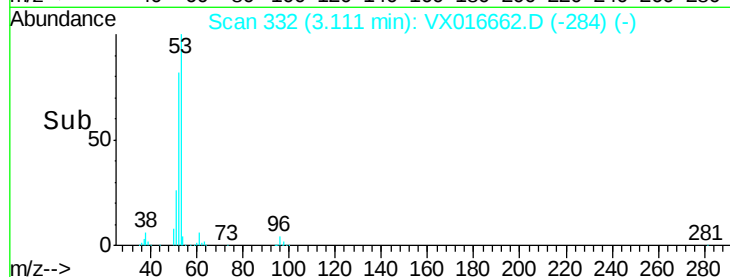
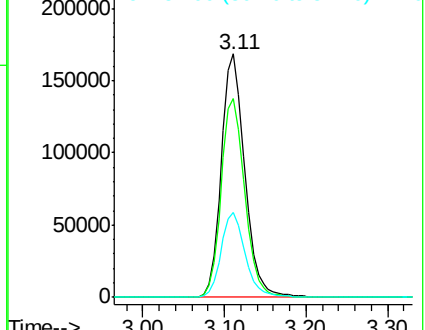
51 36.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 214.719 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016662.D

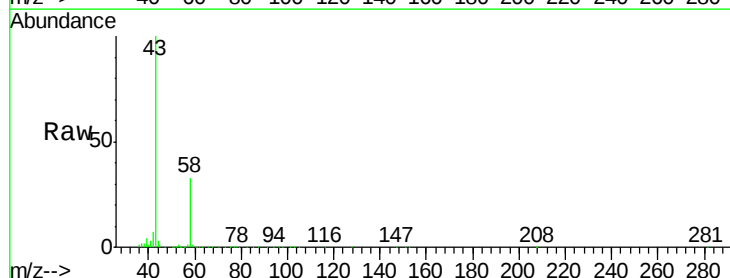
Acq: 09 Jun 2020 15:59

Tgt Ion: 43 Resp: 288528

Ion Ratio Lower Upper

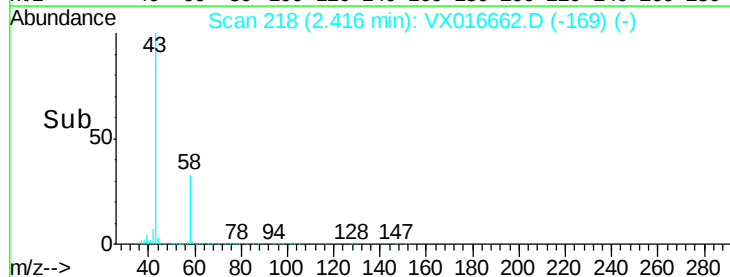
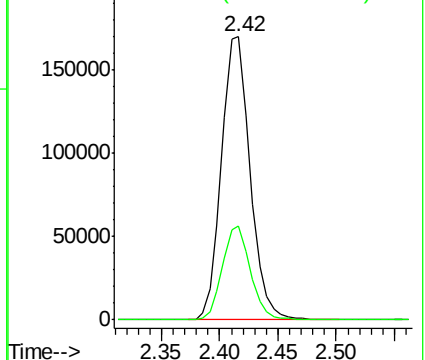
43 100

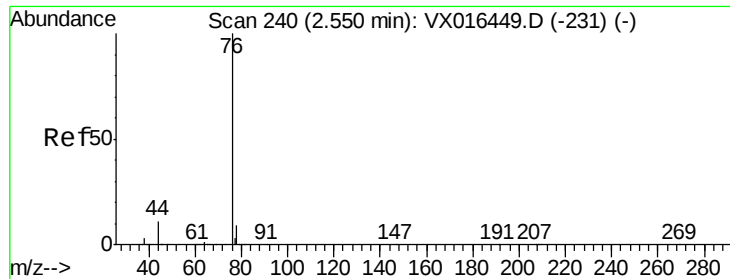
58 33.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

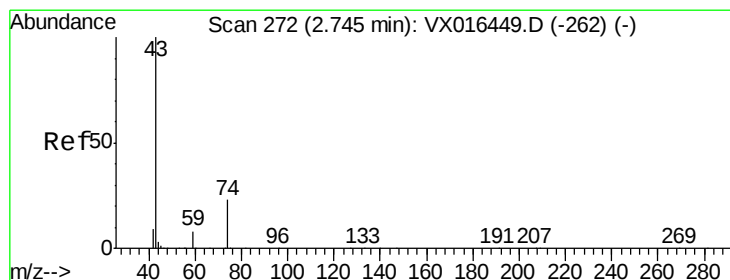
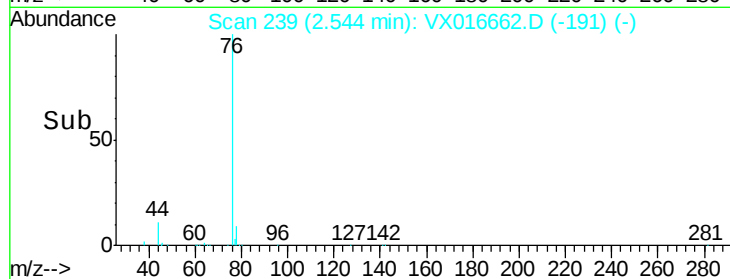
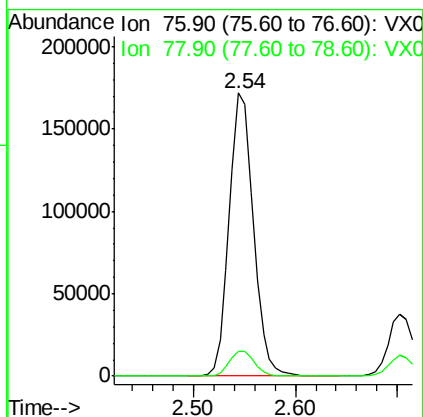
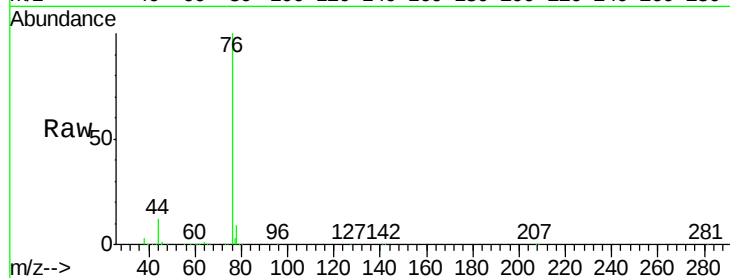




#17
Carbon Disulfide
Concen: 40.014 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

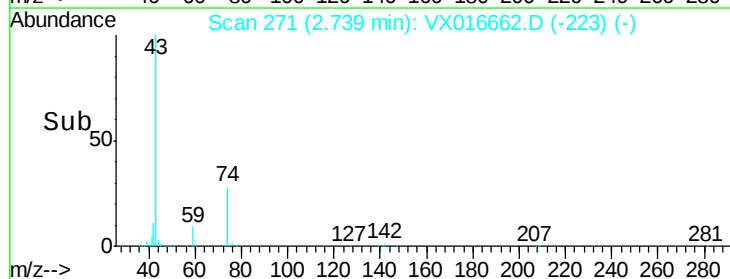
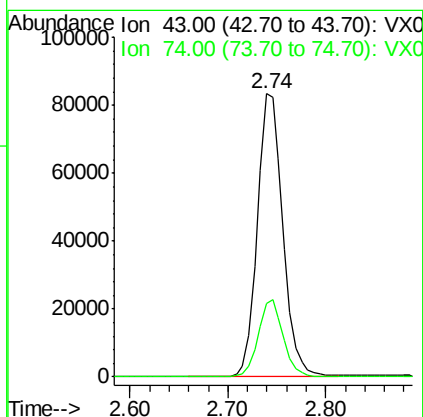
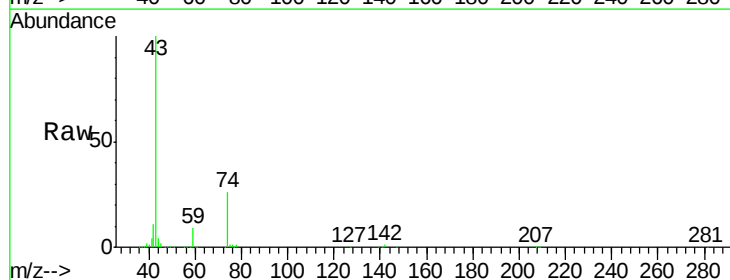
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

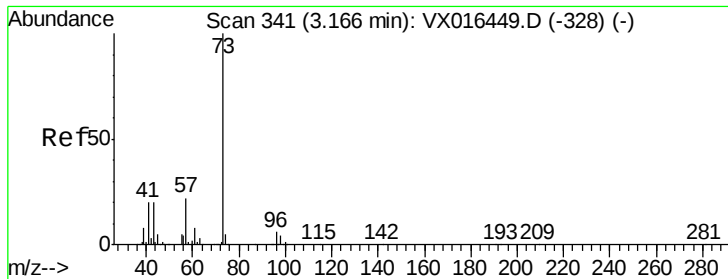
Tot Ion: 76 Resp: 282376
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 43.975 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 43 Resp: 151557
Ion Ratio Lower Upper
43 100
74 26.9 19.7 29.5

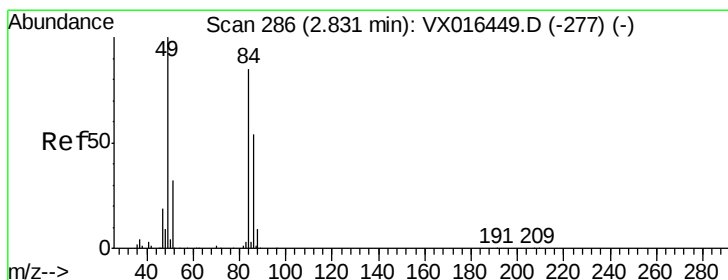
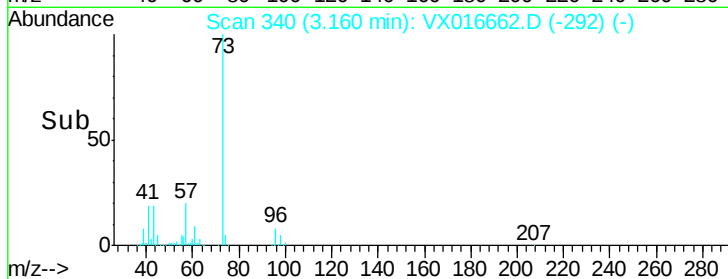
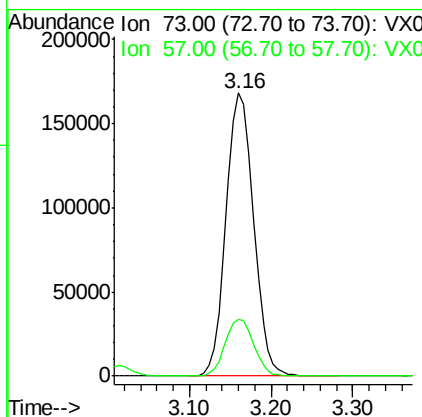
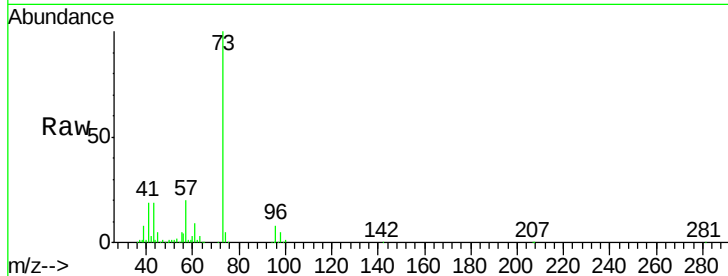




#19
Methvl tert-butvl Ether
Concen: 46.007 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

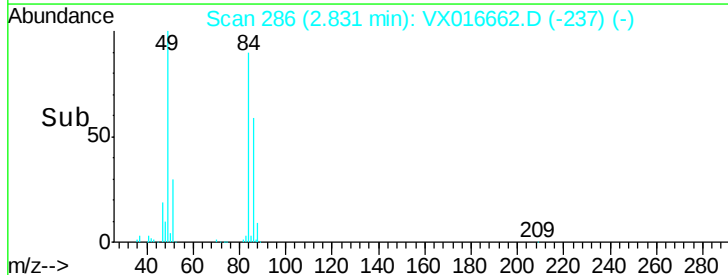
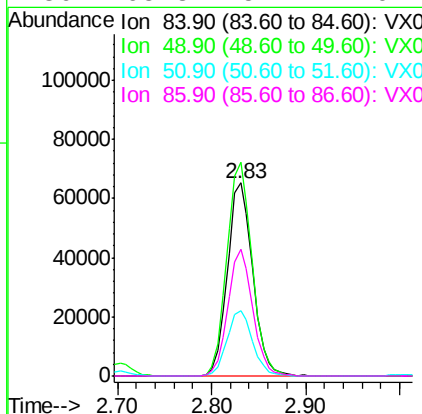
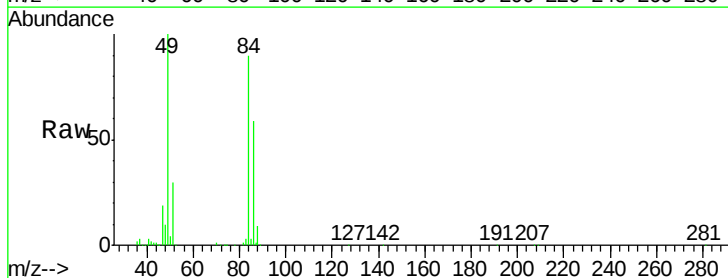
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 392593
Ion Ratio Lower Upper
73 100
57 19.9 17.8 26.6



#20
Methylene Chloride
Concen: 43.804 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 84 Resp: 121782
Ion Ratio Lower Upper
84 100
49 110.6 94.5 141.7
51 33.6 30.2 45.4
86 65.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.066 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

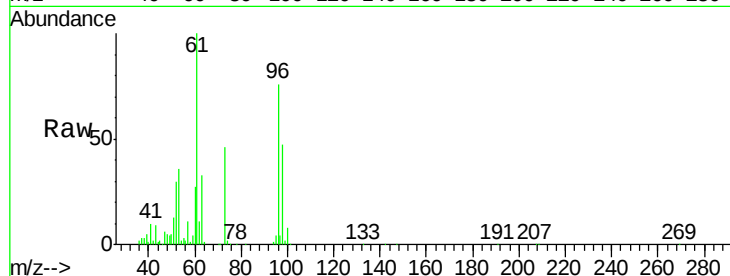
Tot Ion: 96 Resp: 118458

Ion Ratio Lower Upper

96 100

61 132.1 115.3 172.9

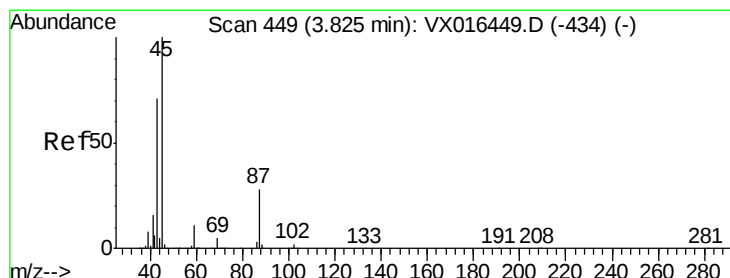
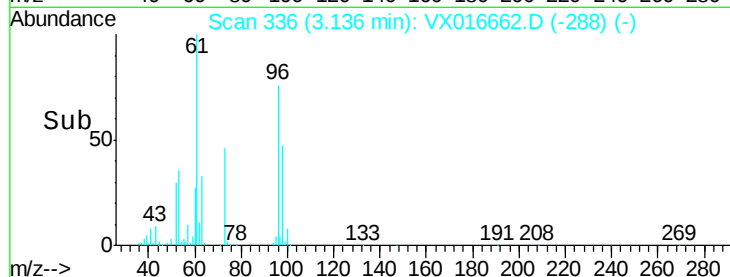
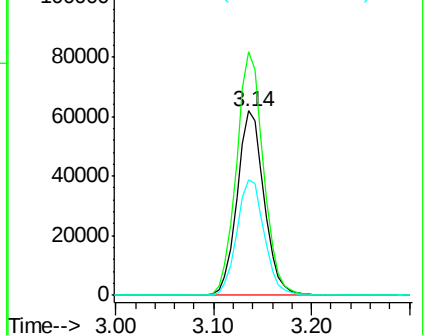
98 62.6 51.9 77.9



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: 41.426 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Tgt Ion: 45 Resp: 347793

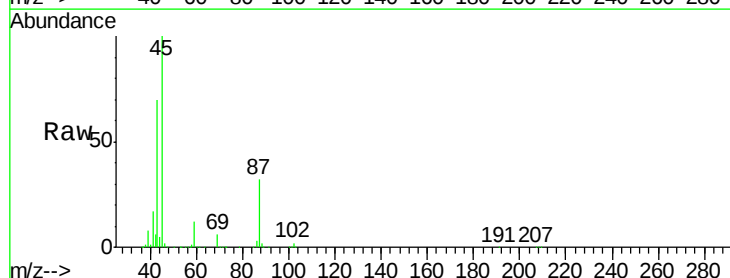
Ion Ratio Lower Upper

45 100

43 69.4 57.0 85.6

87 31.5 22.5 33.7

59 12.4 9.1 13.7

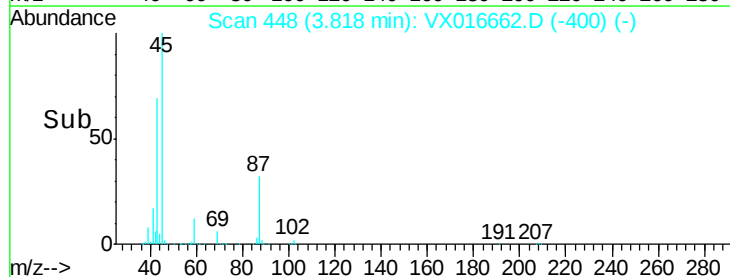
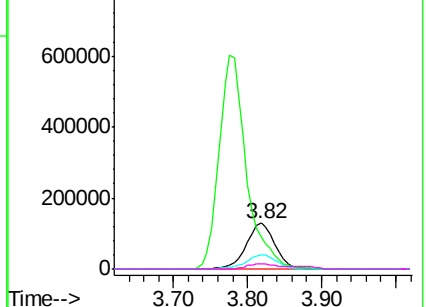


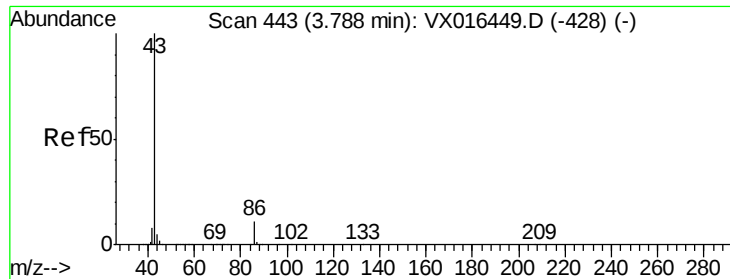
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 209.551 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

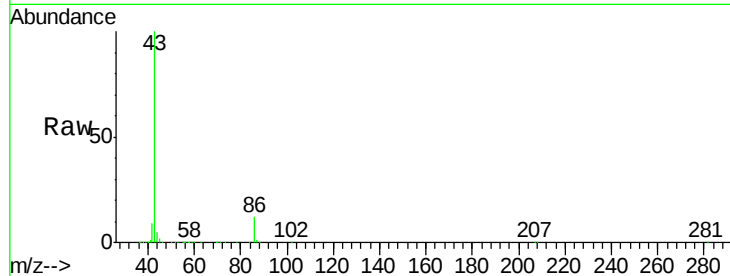
VSTDCCC050EC

Tot Ion: 43 Resp: 1539913

Ion Ratio Lower Upper

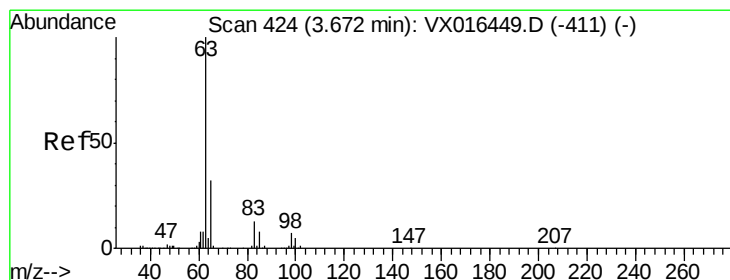
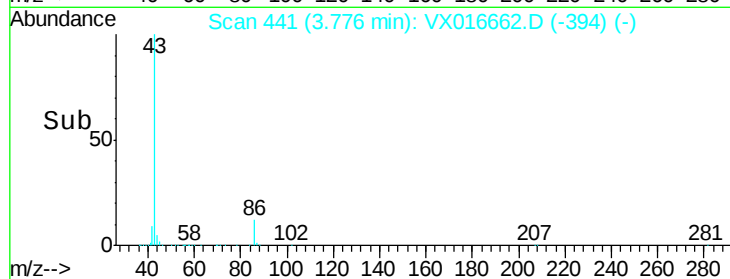
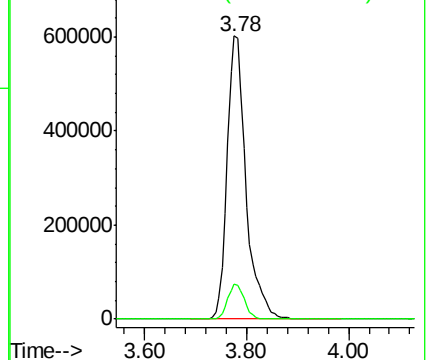
43 100

86 12.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.469 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

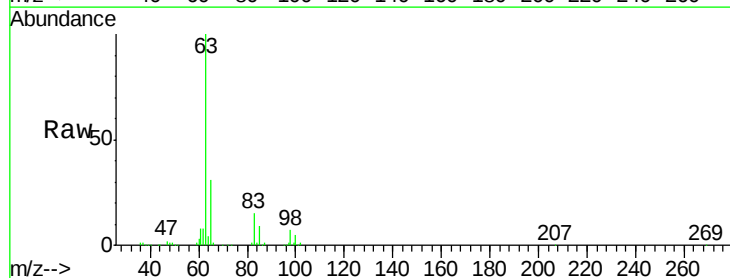
Tgt Ion: 63 Resp: 210720

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

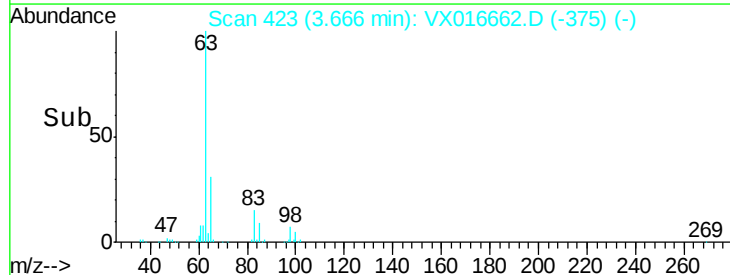
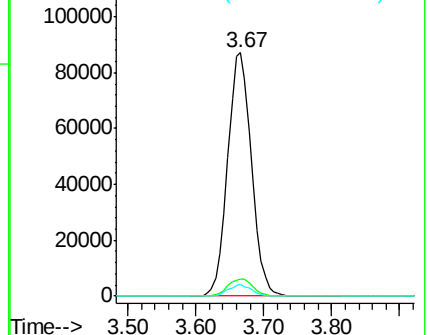
100 4.9 2.4 7.1

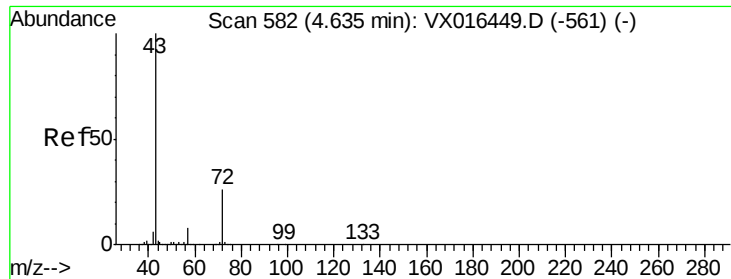


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 197.517 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

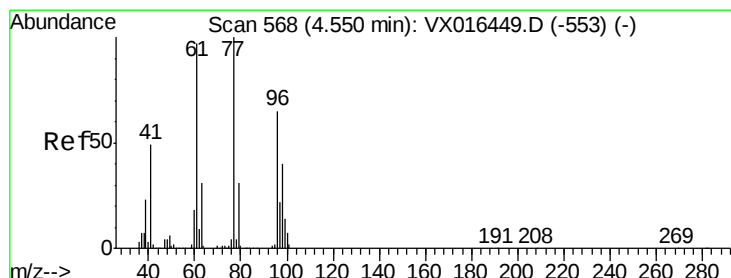
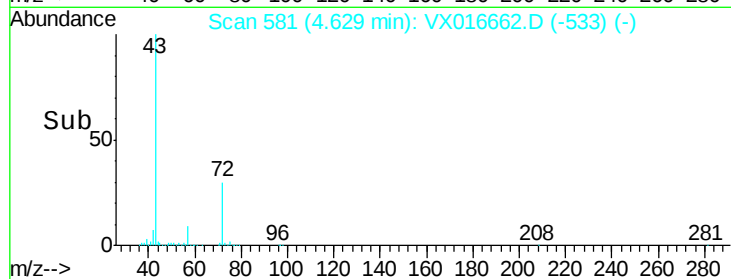
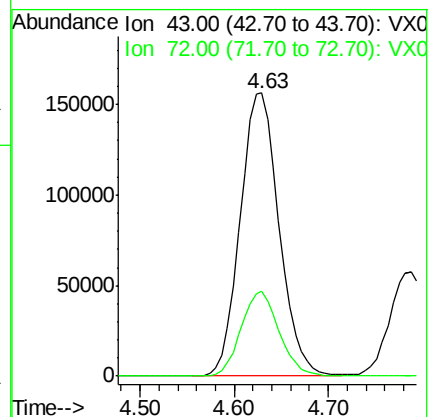
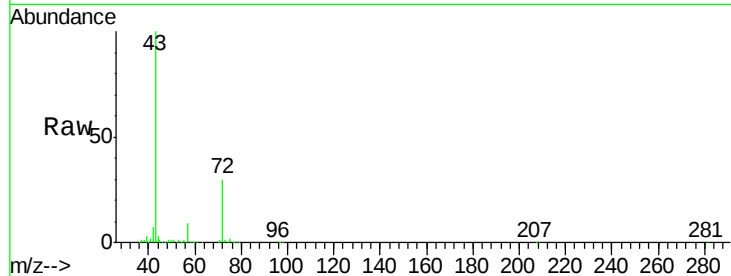
VSTDCCC050EC

Tot Ion: 43 Resp: 449732

Ion Ratio Lower Upper

43 100

72 29.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 51.531 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016662.D

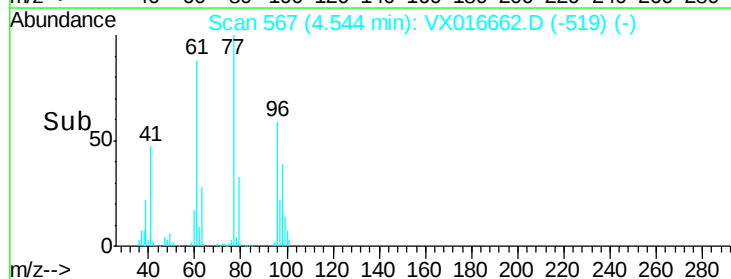
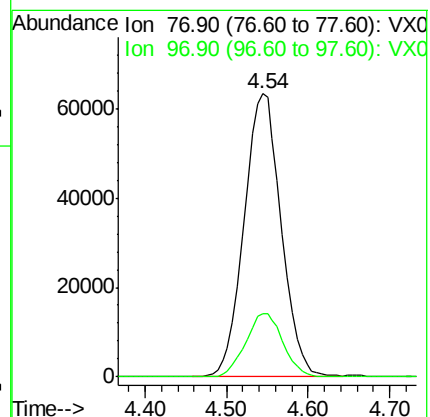
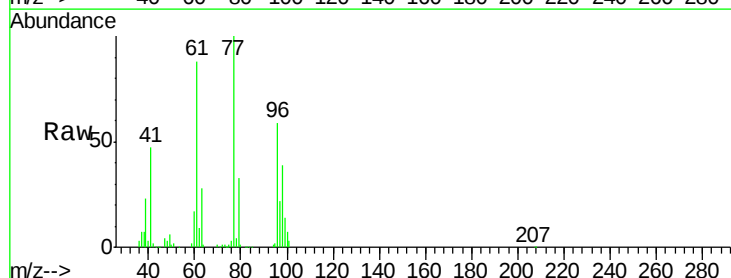
Acq: 09 Jun 2020 15:59

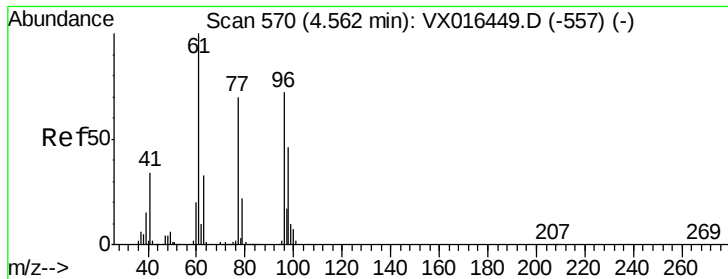
Tgt Ion: 77 Resp: 199811

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



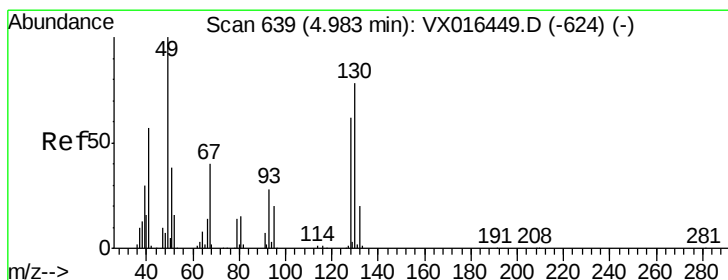
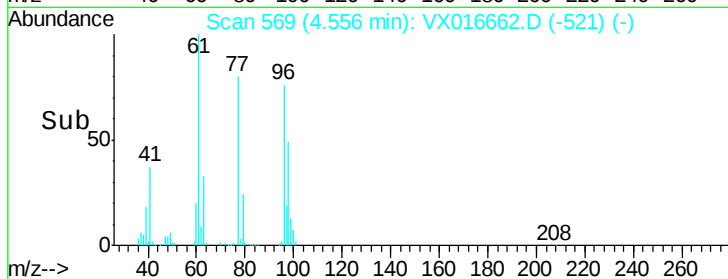
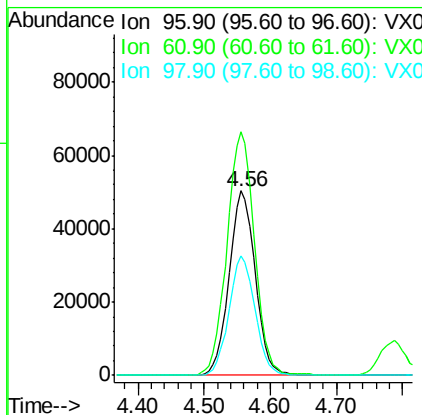
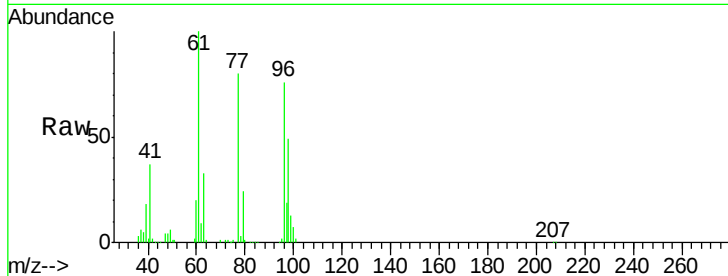


#27

cis-1,2-Dichloroethene
 Concen: 45.343 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

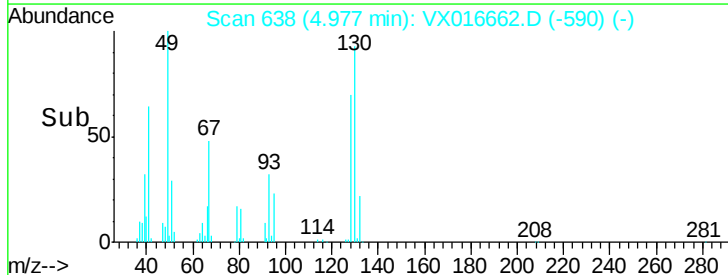
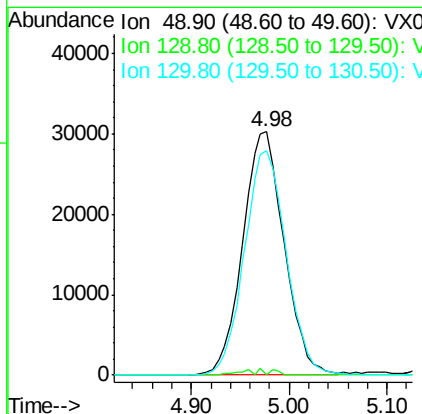
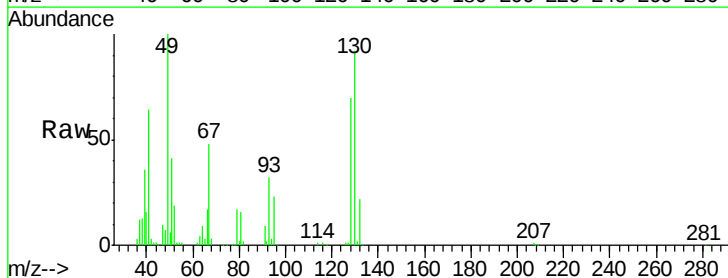
Tot Ion	96	Resp	137885
Ion Ratio	Lower	Upper	
96	100		
61	138.7	0.0	284.6
98	64.5	0.0	127.2

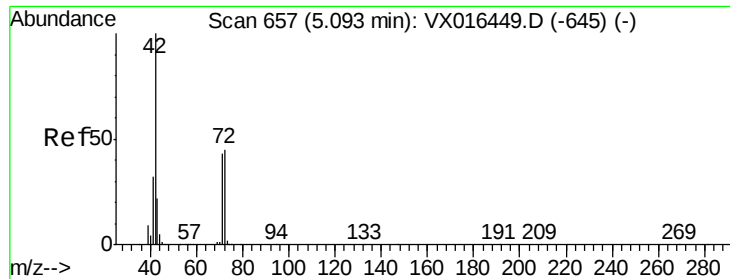


#28

Bromochloromethane
 Concen: 40.535 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion	49	Resp	89258
Ion Ratio	Lower	Upper	
49	100		
129	0.5	0.0	4.0
130	93.2	63.0	94.4





#29

Tetrahydrofuran

Concen: 196.227 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

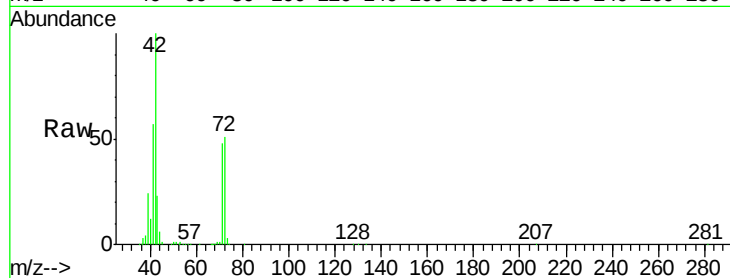
Tot Ion: 42 Resp: 288651

Ion Ratio Lower Upper

42 100

72 50.3 37.0 55.4

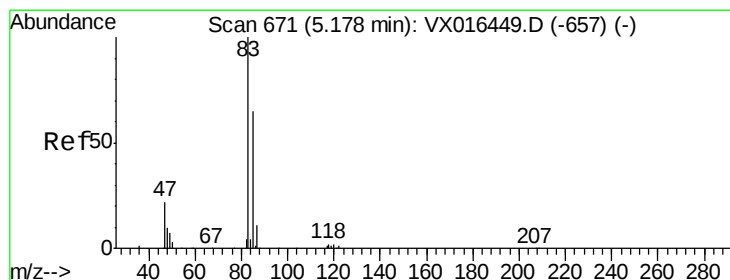
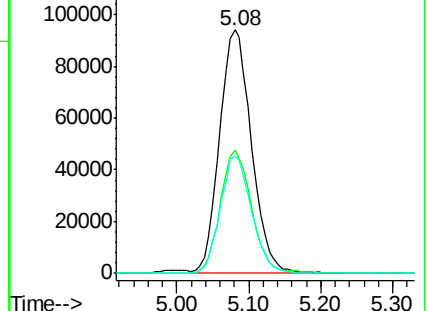
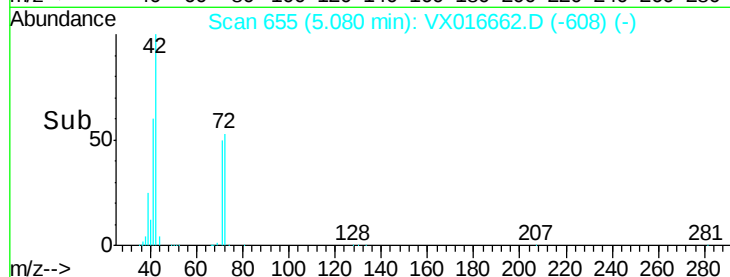
71 47.6 34.1 51.1



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: 46.313 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016662.D

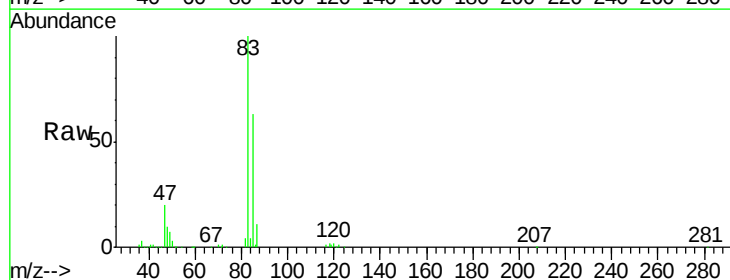
Acq: 09 Jun 2020 15:59

Tgt Ion: 83 Resp: 221125

Ion Ratio Lower Upper

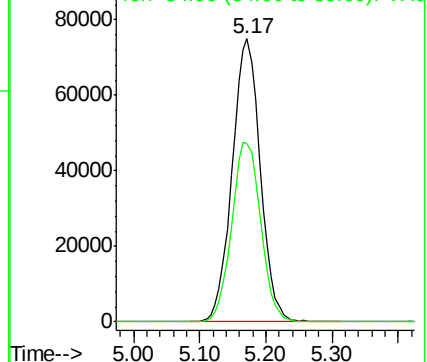
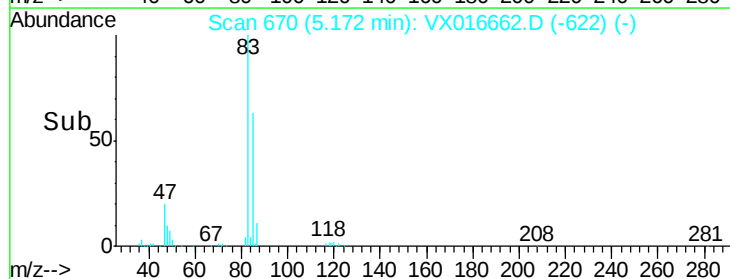
83 100

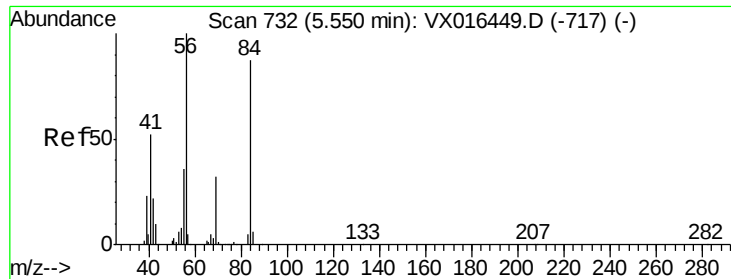
85 63.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

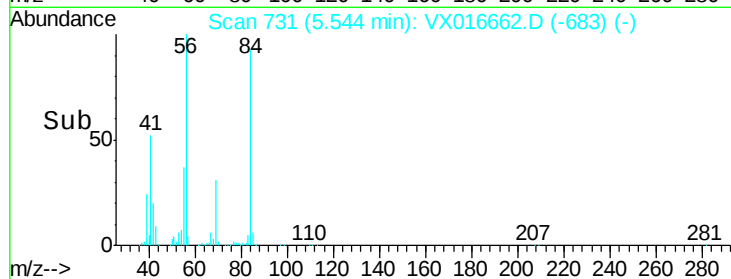
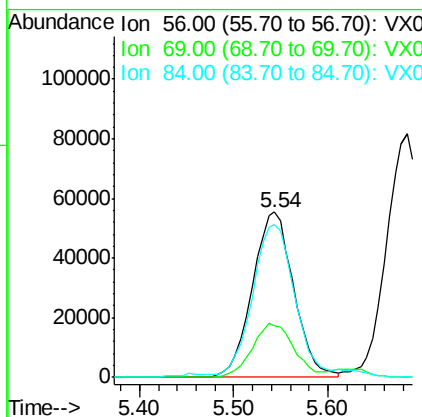
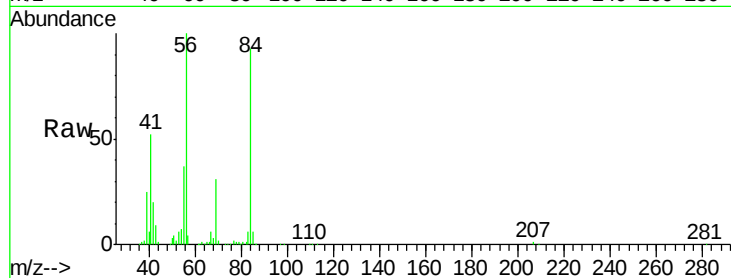




#31
Cyclohexane
Concen: 40.061 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

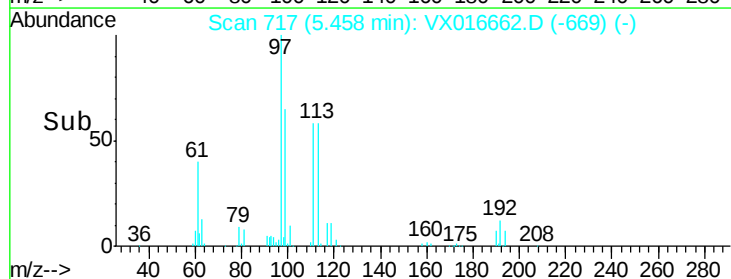
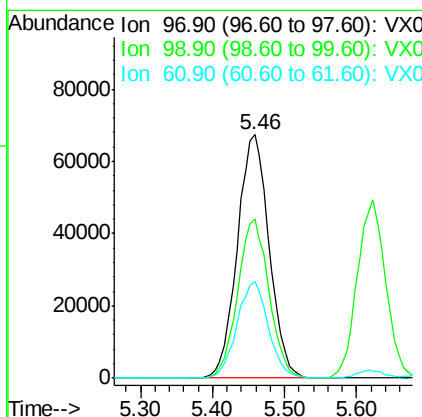
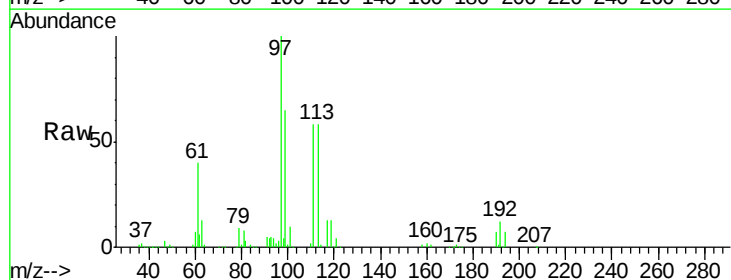
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

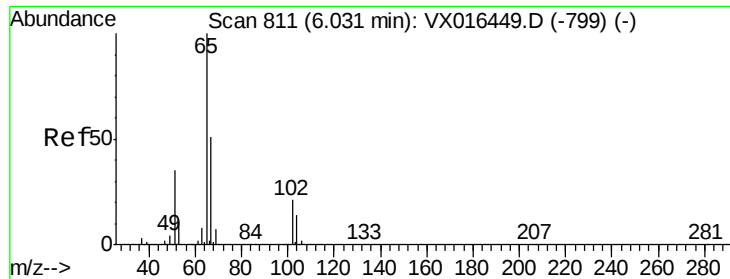
Tot Ion: 56 Resp: 170782
Ion Ratio Lower Upper
56 100
69 31.5 25.7 38.5
84 90.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.734 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 97 Resp: 206338
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.4 33.5 50.3

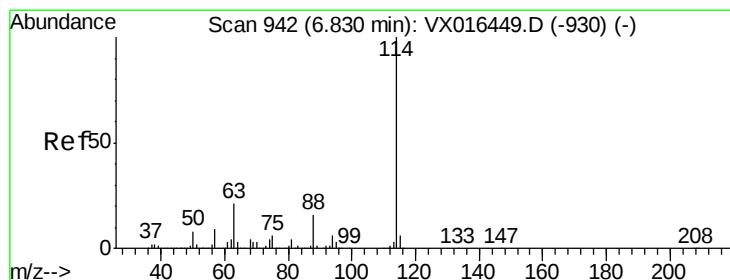
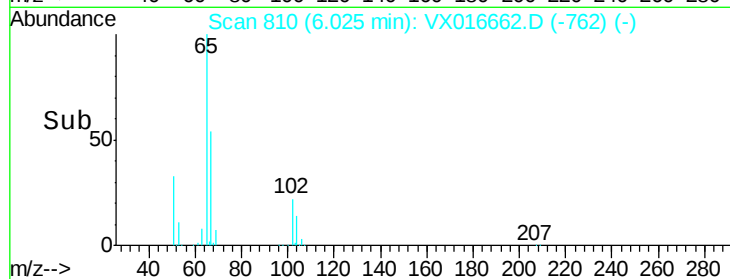
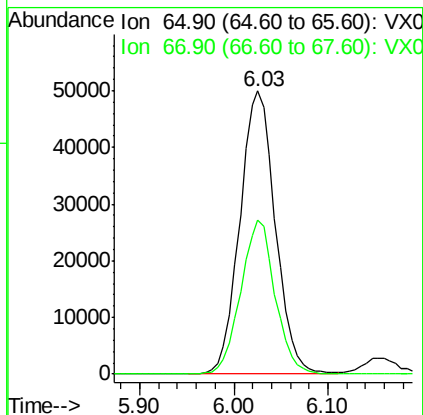
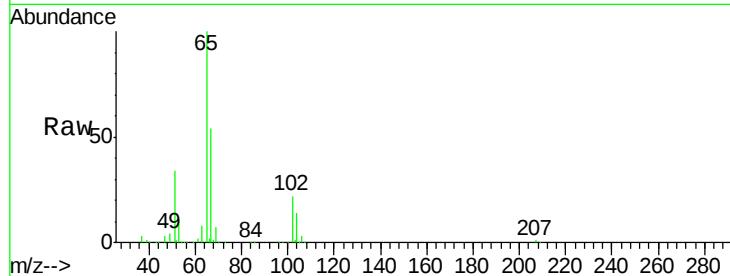




#33
 1,2-Dichloroethane-d4
 Concen: 42.925 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

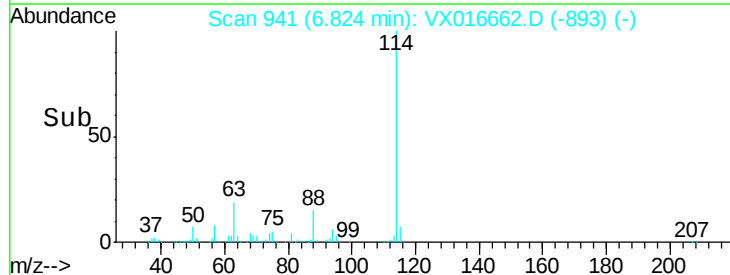
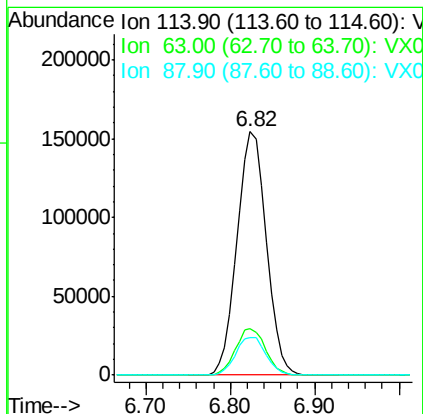
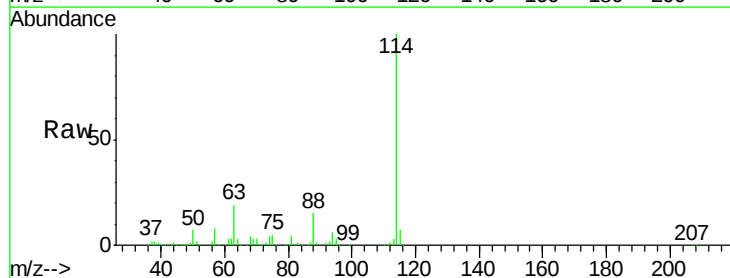
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

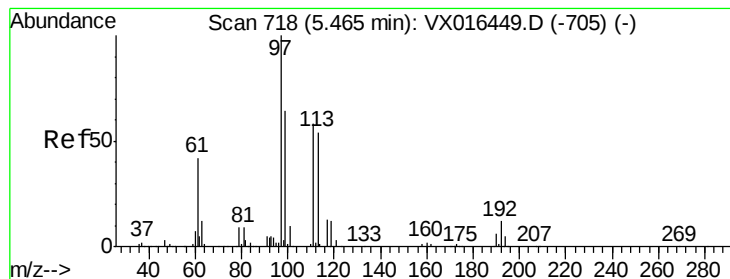
Tot Ion: 65 Resp: 131654
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion: 114 Resp: 363260
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.6
 88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.772 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

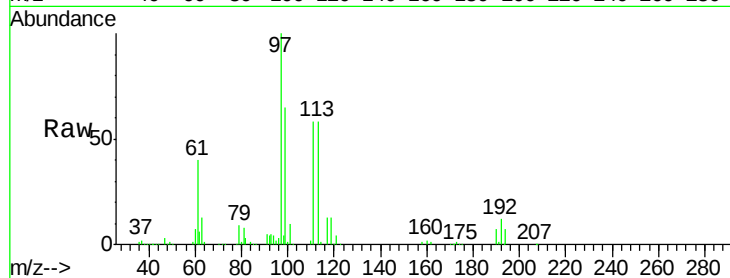
Tot Ion:113 Resp: 109090

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.6

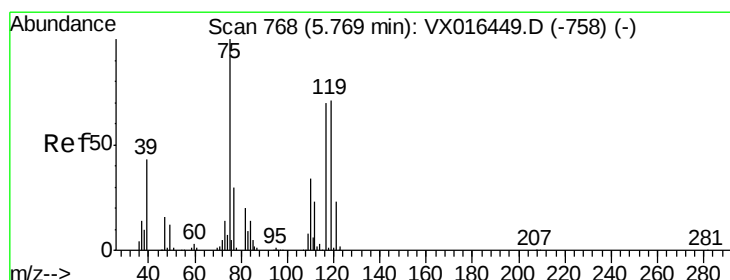
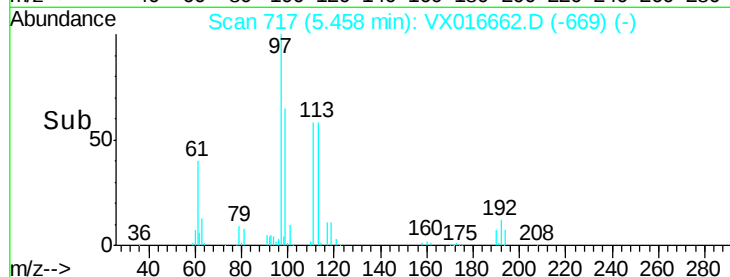
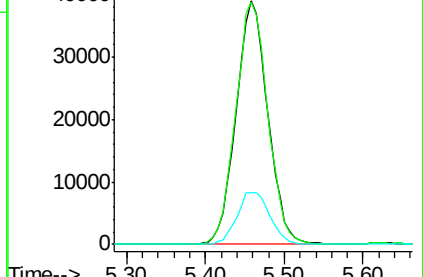
192 22.3 17.7 26.5



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: 46.820 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

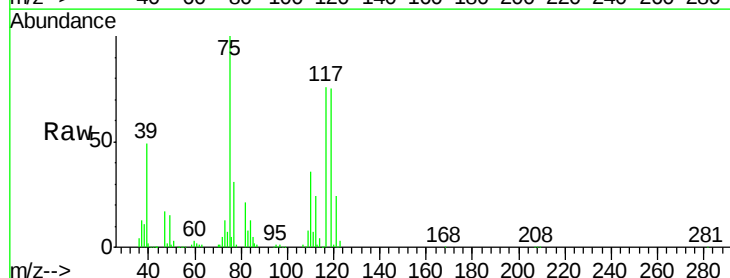
Tgt Ion: 75 Resp: 161033

Ion Ratio Lower Upper

75 100

110 36.4 17.4 52.3

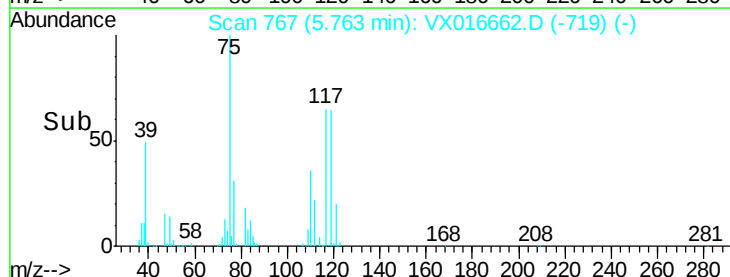
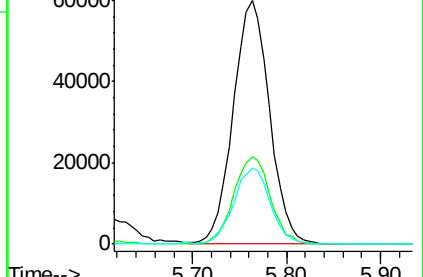
77 31.4 24.2 36.4

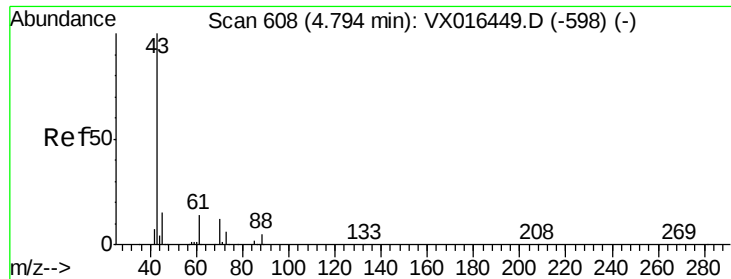


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

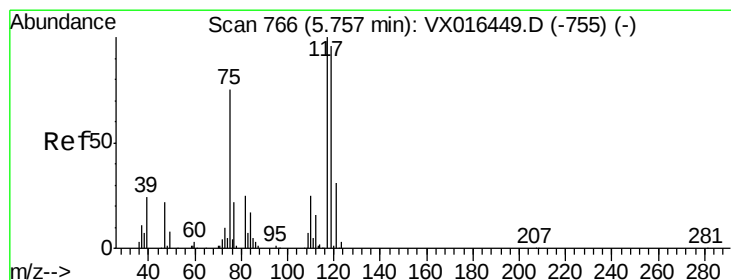
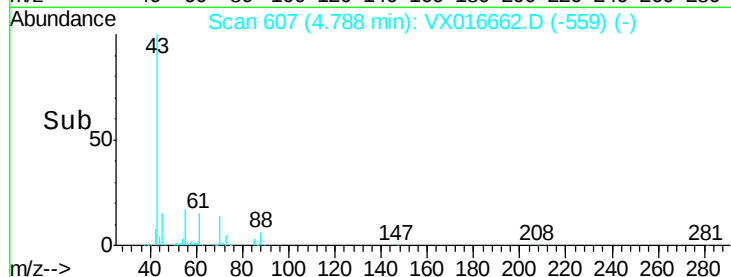
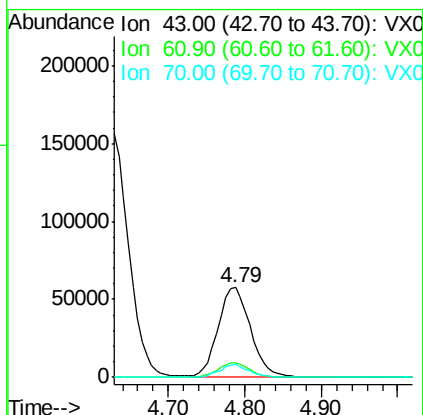
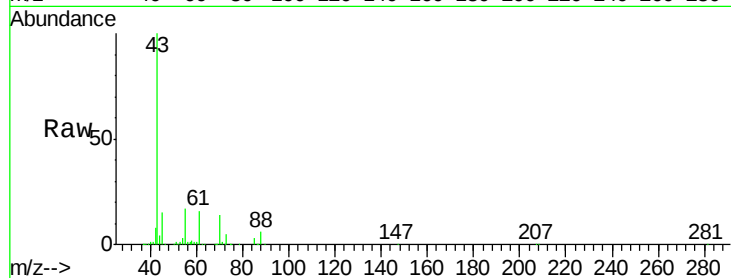




#37
Ethyl Acetate
Concen: 40.949 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

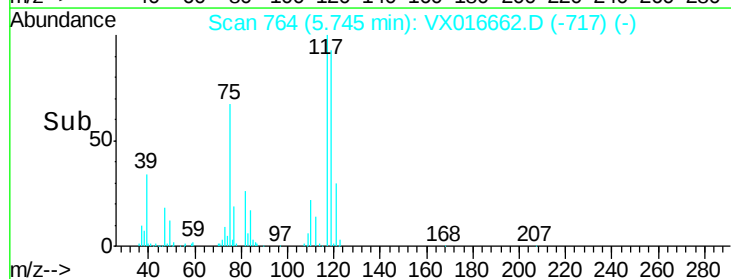
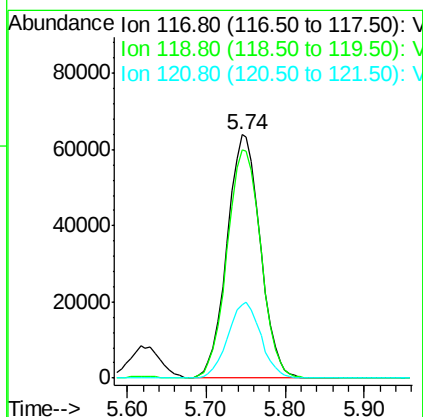
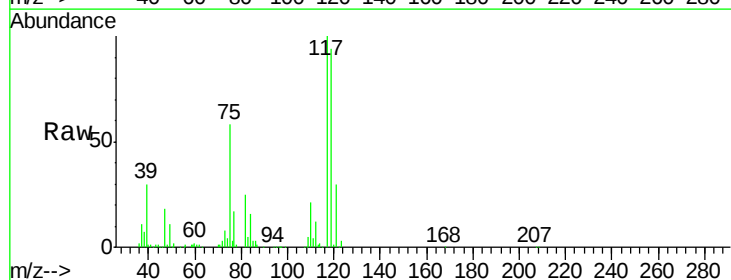
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 169090
Ion Ratio Lower Upper
43 100
61 16.0 11.3 16.9
70 13.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.757 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 117 Resp: 187074
Ion Ratio Lower Upper
117 100
119 93.8 76.3 114.5
121 30.1 24.6 37.0

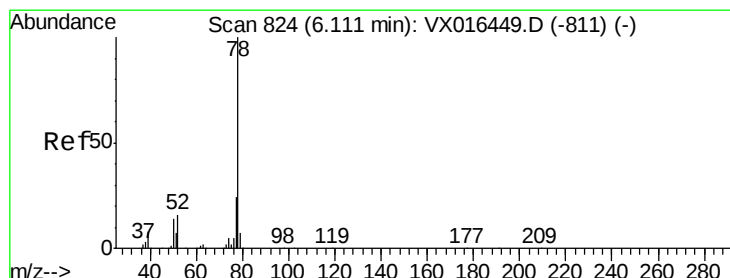
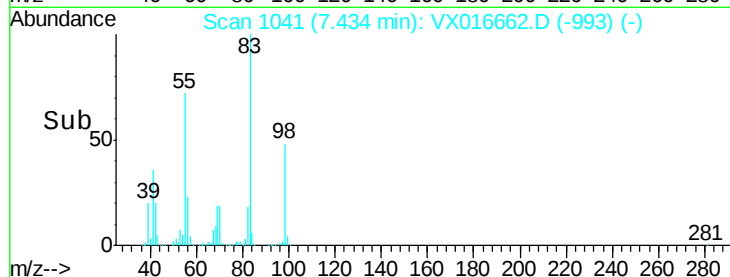
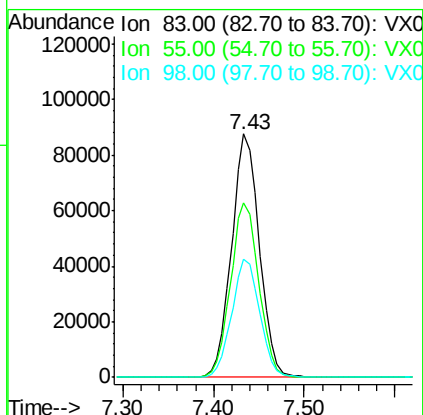
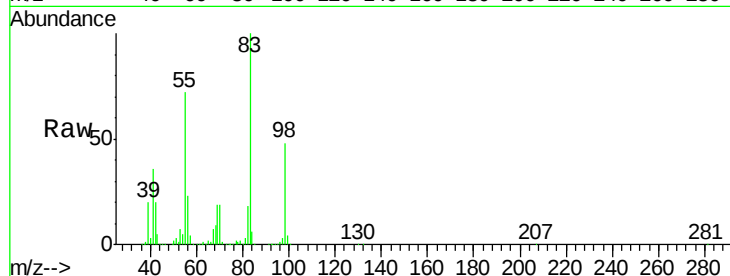




#39
Methvlcvclohexane
Concen: 49.878 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

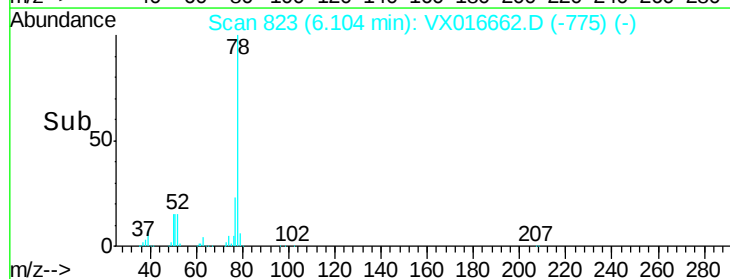
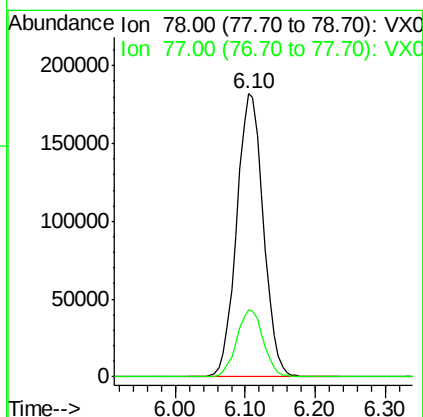
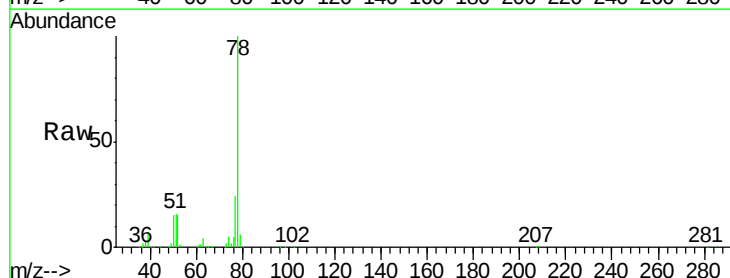
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

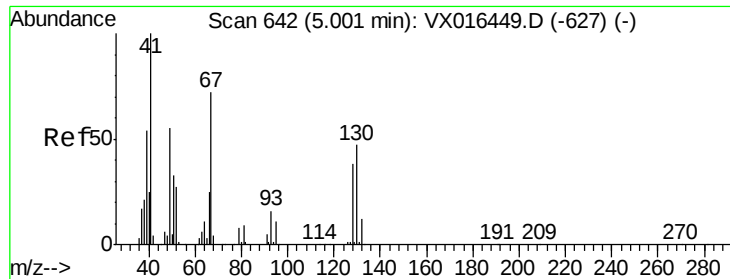
Tot Ion: 83 Resp: 186332
Ion Ratio Lower Upper
83 100
55 71.7 61.7 92.5
98 48.3 38.7 58.1



#40
Benzene
Concen: 47.092 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 78 Resp: 482333
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

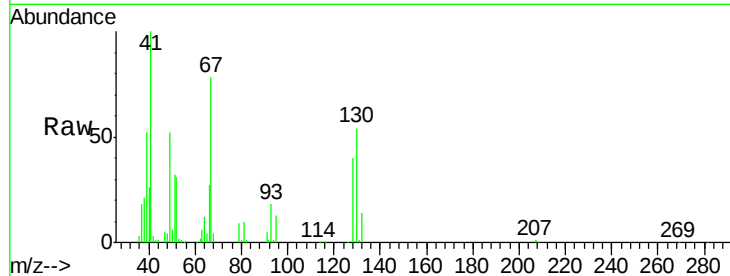




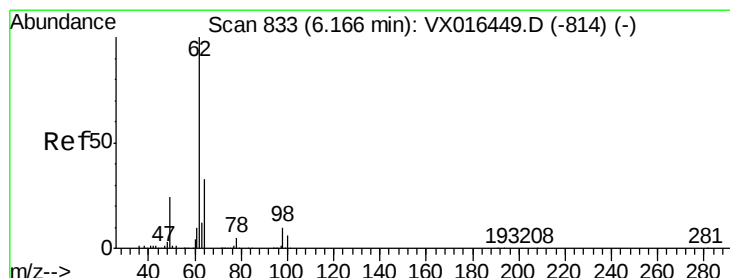
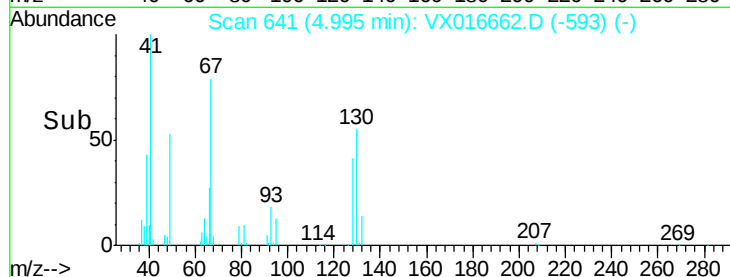
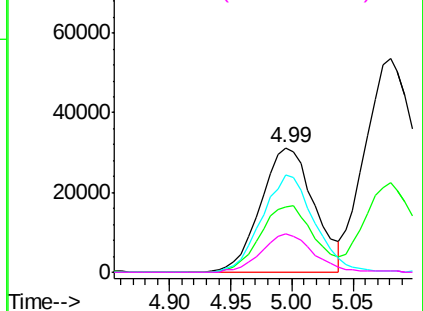
#41
Methacrylonitrile
Concen: 41.574 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	94297
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.0	64.4
67	77.3	58.9	88.3
52	30.9	23.1	34.7

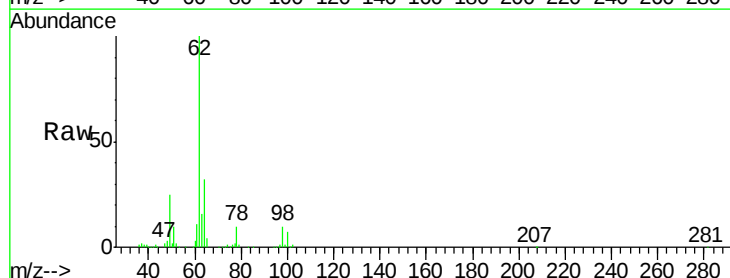


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

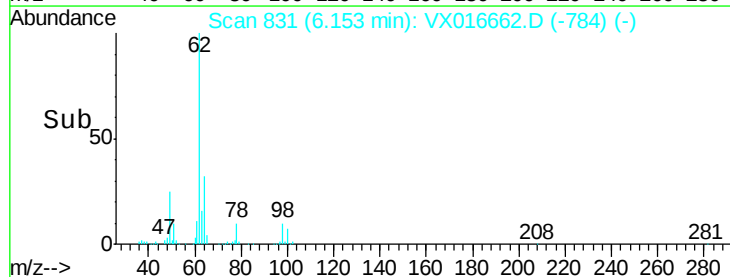
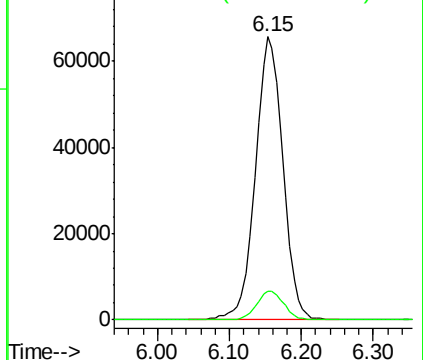


#42
1,2-Dichloroethane
Concen: 47.891 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion:	62	Resp:	174440
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8



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



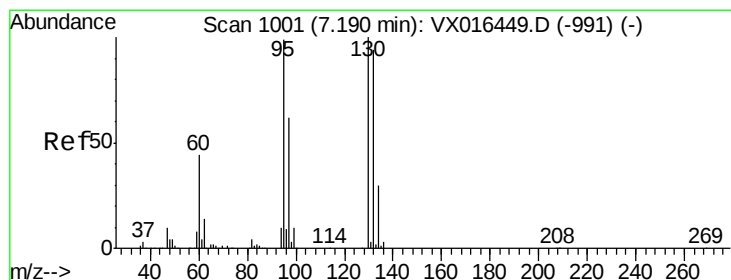
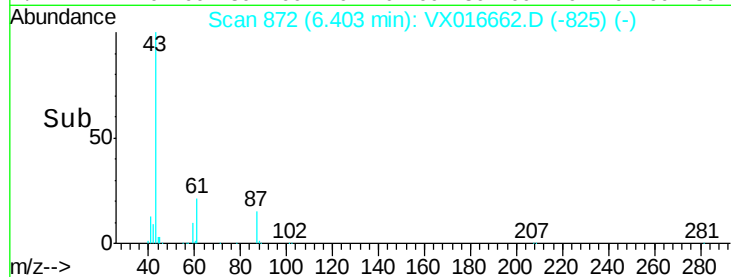
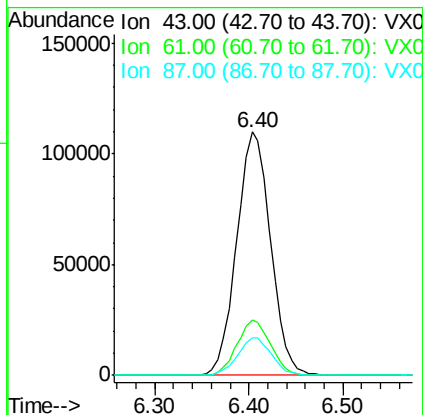
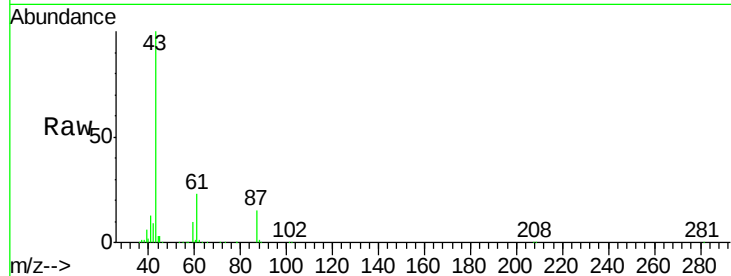


#43

Isopropyl Acetate
 Concen: 42.557 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

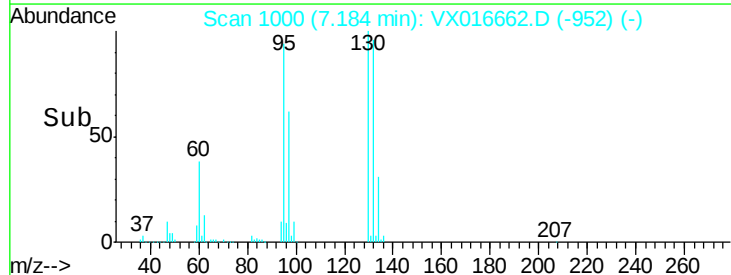
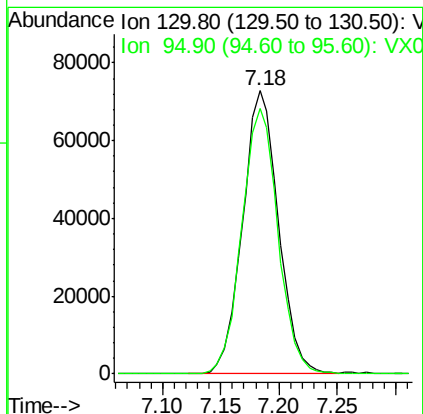
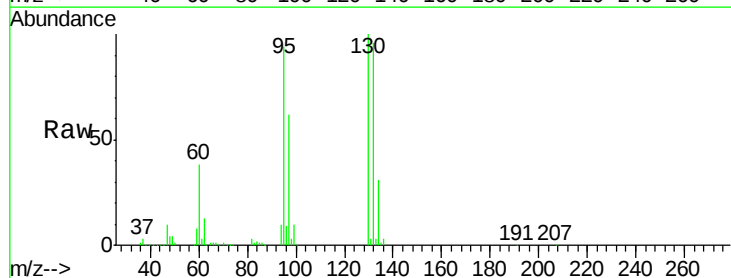
Tot Ion	43	Resp	274105
Ion Ratio	Lower	Upper	
43	100		
61	22.5	16.8	25.2
87	15.4	11.2	16.8

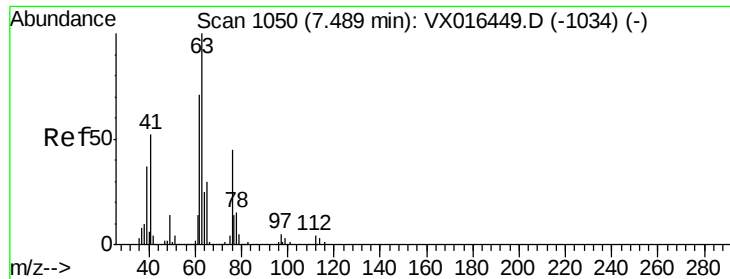


#44

Trichloroethene
 Concen: 48.178 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion	130	Resp	156564
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	198.2





#45

1,2-Dichloropropane

Concen: 46.411 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

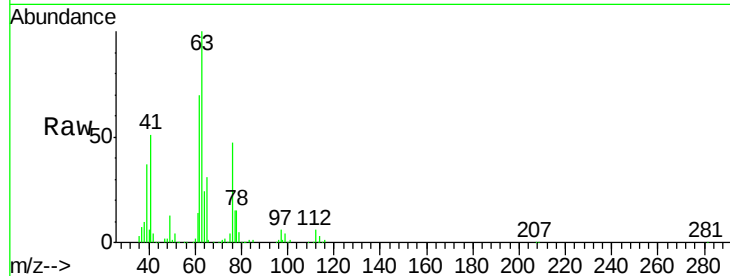
VSTDCCC050EC

Tot Ion: 63 Resp: 121014

Ion Ratio Lower Upper

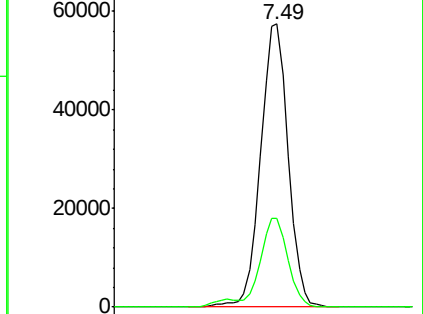
63 100

65 31.3 24.2 36.2

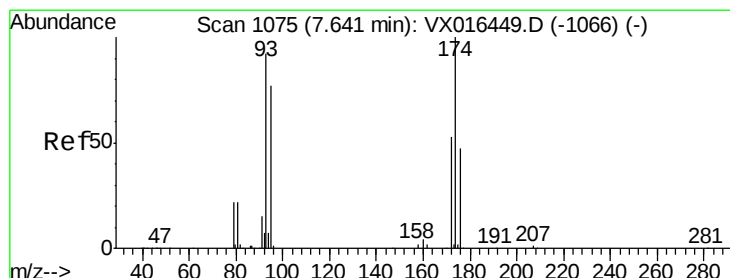
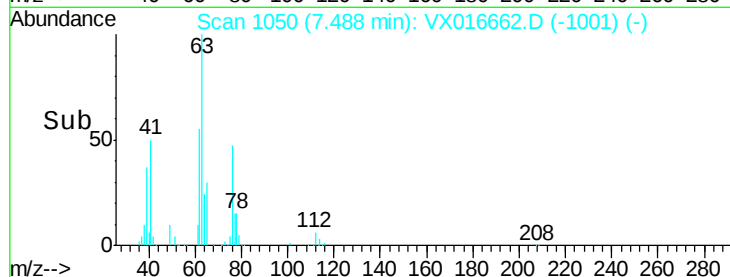


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 47.986 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

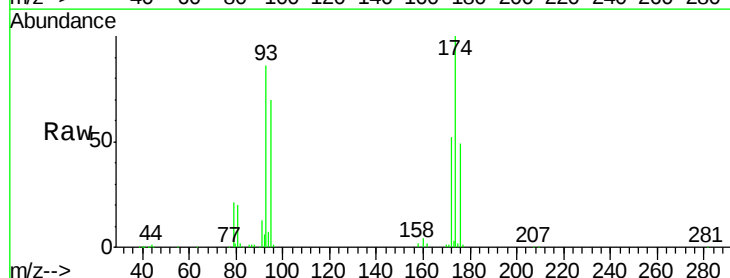
Tgt Ion: 93 Resp: 84041

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

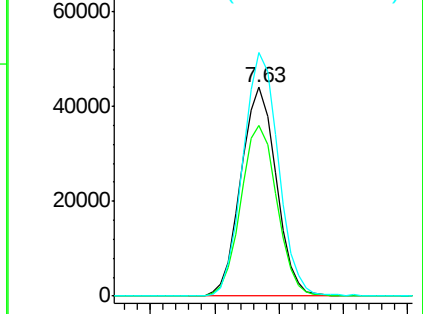
174 116.8 86.2 129.4



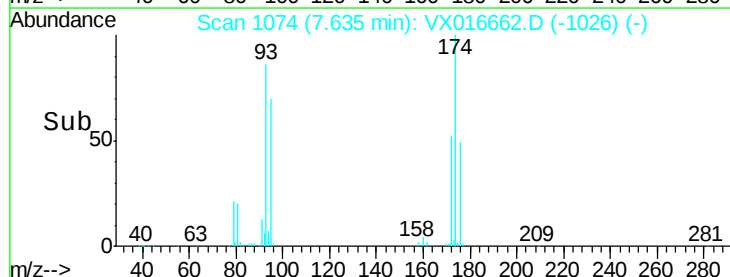
Abundance Ion 92.80 (92.50 to 93.50): VX0

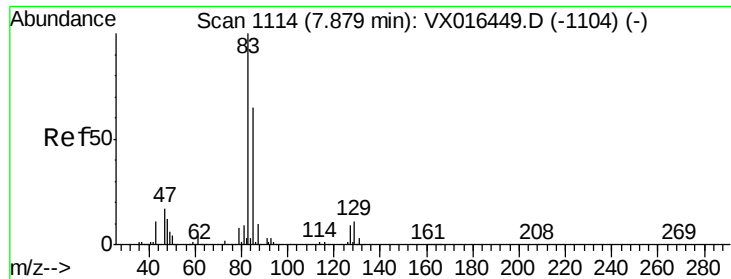
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 50.274 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

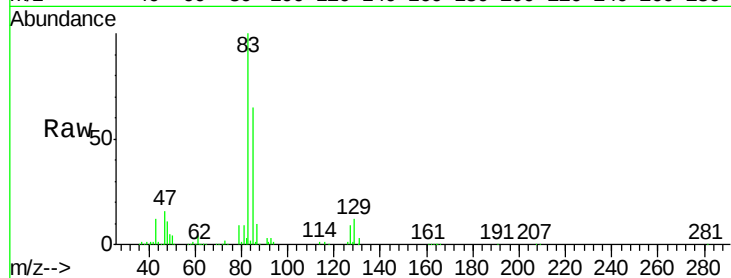
Tot Ion: 83 Resp: 182311

Ion Ratio Lower Upper

83 100

85 65.5 52.0 78.0

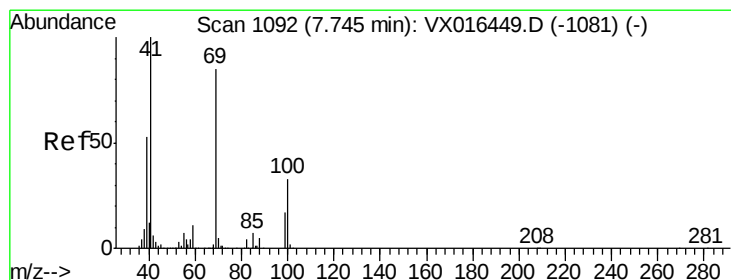
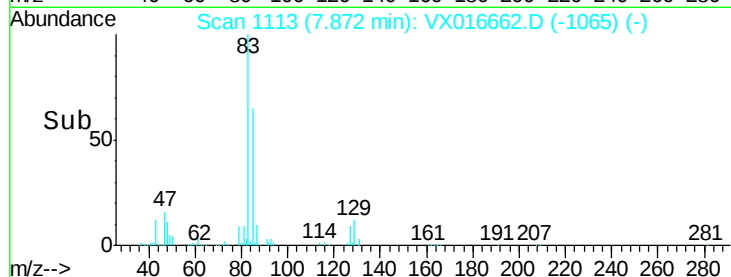
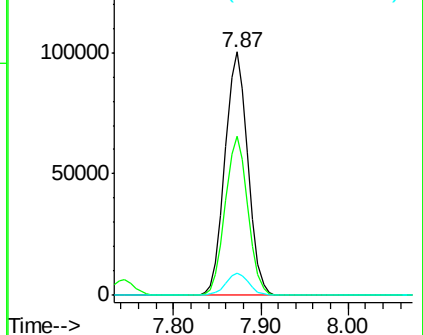
127 9.0 7.4 11.0



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: 43.091 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

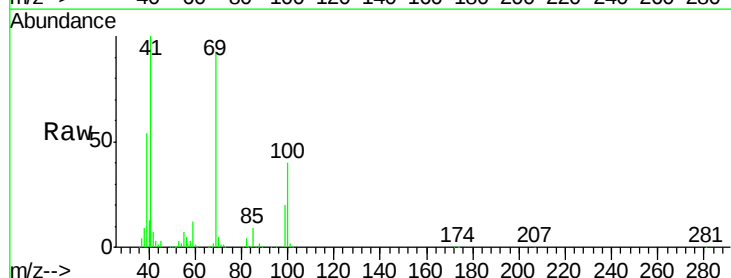
Tgt Ion: 41 Resp: 132888

Ion Ratio Lower Upper

41 100

69 91.9 68.6 102.8

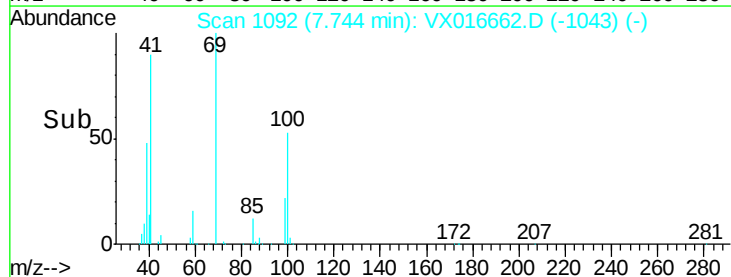
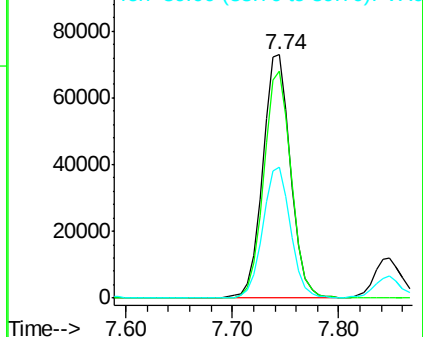
39 53.7 42.4 63.6

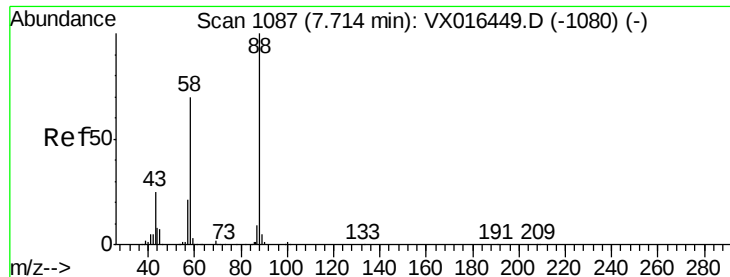


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

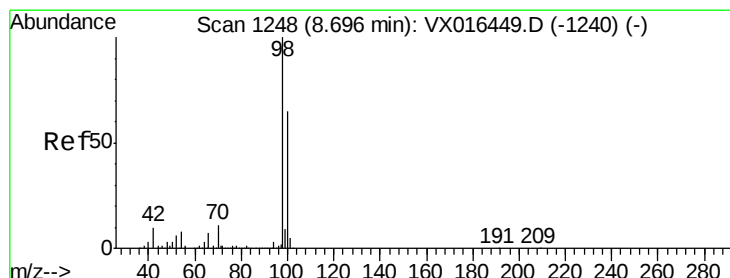
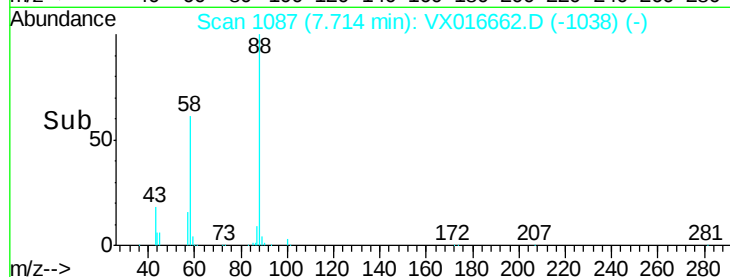
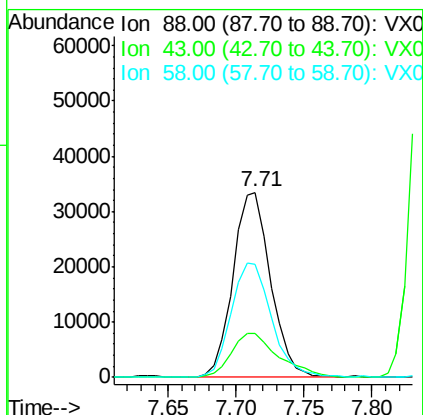
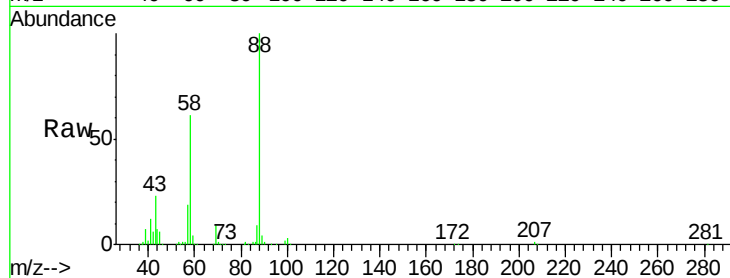




#49
 1,4-Dioxane
 Concen: 898.209 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

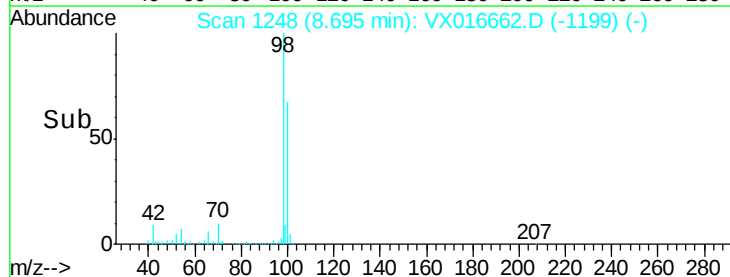
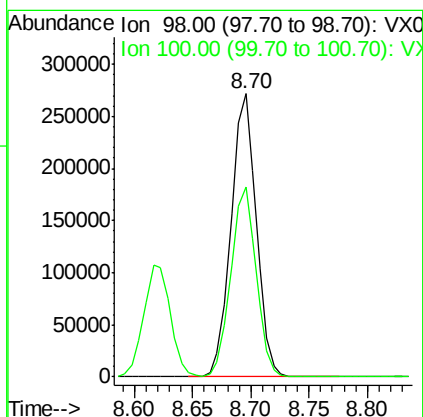
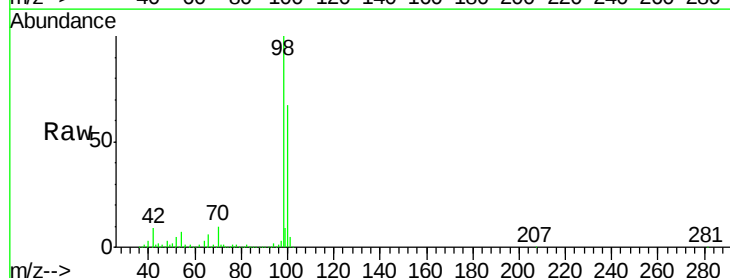
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	64825
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	66.6	56.5	84.7



#50
 Toluene-d8
 Concen: 47.244 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion	98	Resp	411302
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6

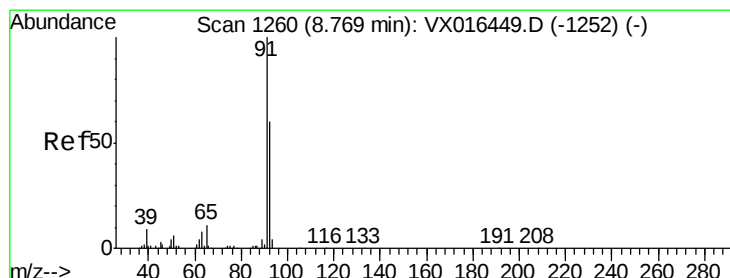
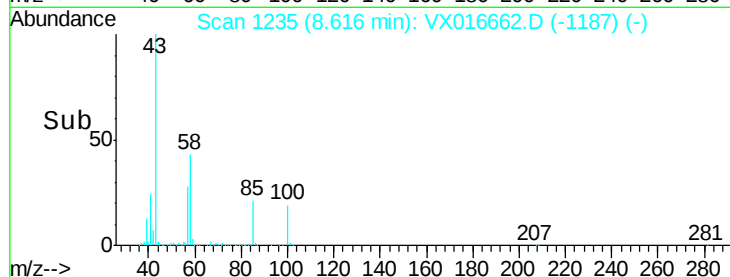
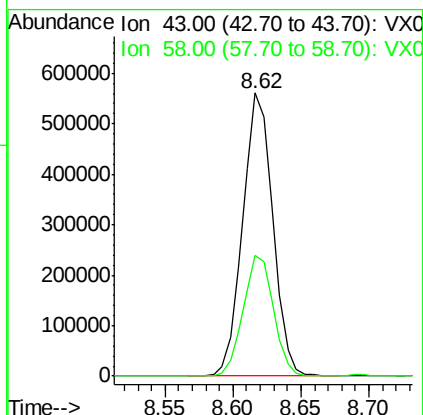
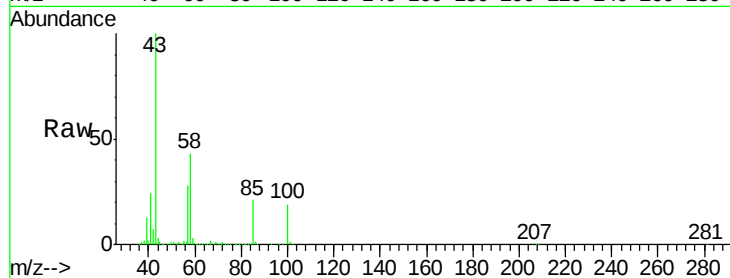




#51
 4-Methyl-2-Pentanone
 Concen: 217.132 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

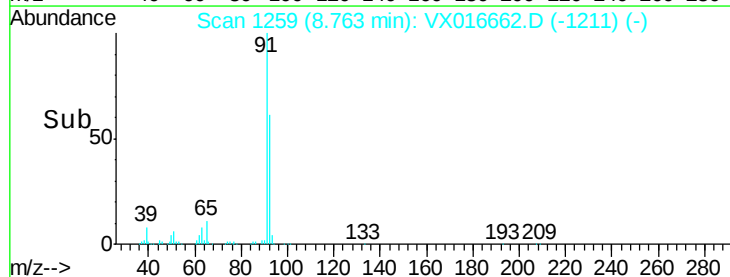
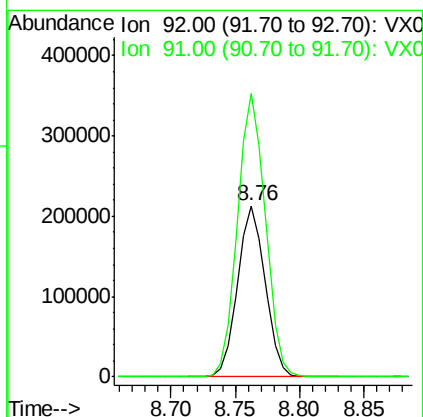
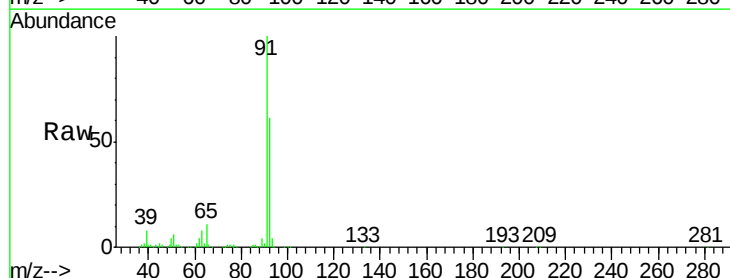
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 870812
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.0 49.6



#52
 Toluene
 Concen: 48.982 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion: 92 Resp: 316363
 Ion Ratio Lower Upper
 92 100
 91 167.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 49.940 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

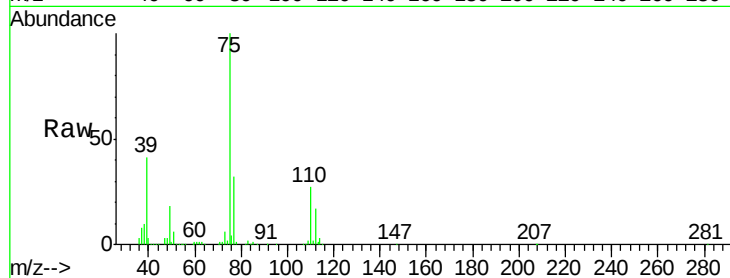
VSTDCCC050EC

Tot Ion: 75 Resp: 205926

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

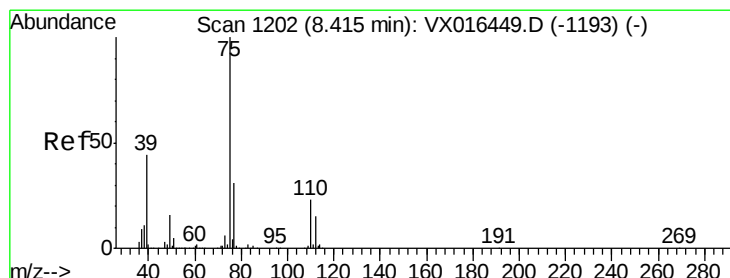
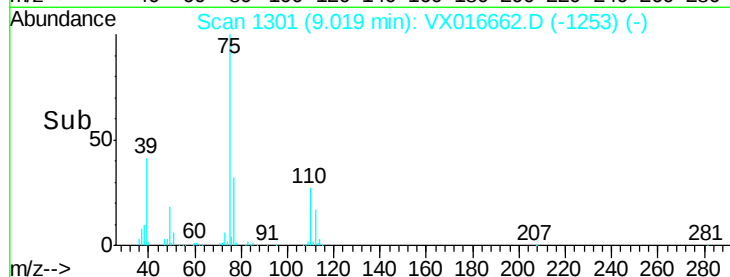
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 49.141 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

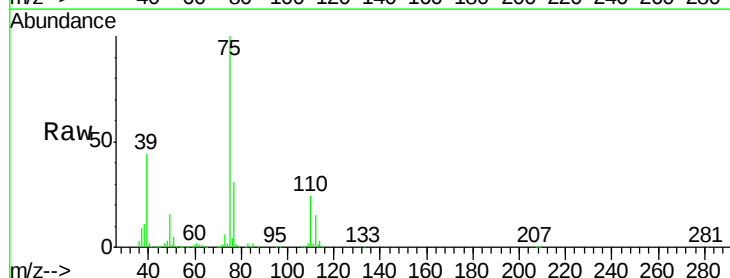
Tgt Ion: 75 Resp: 214479

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 43.9 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

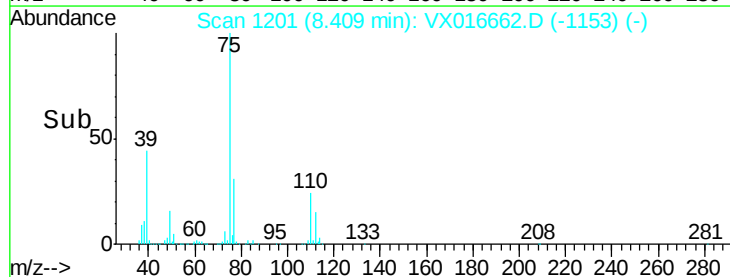
150000

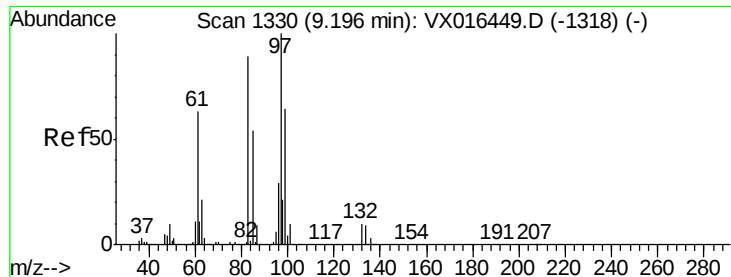
100000

50000

0

Time--> 8.30 8.40 8.50

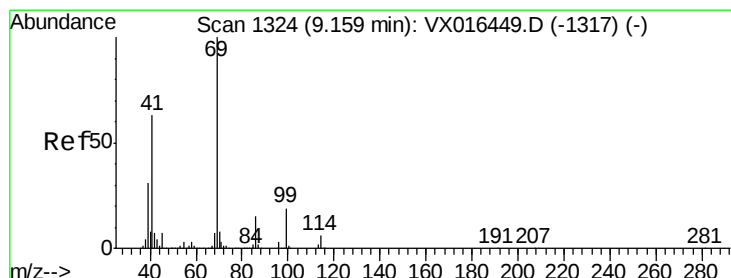
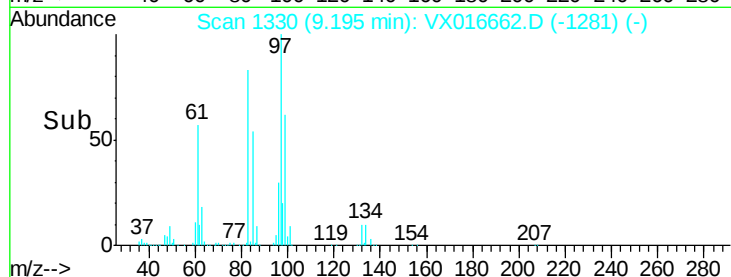
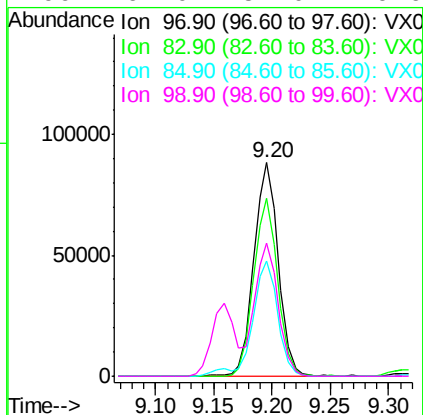
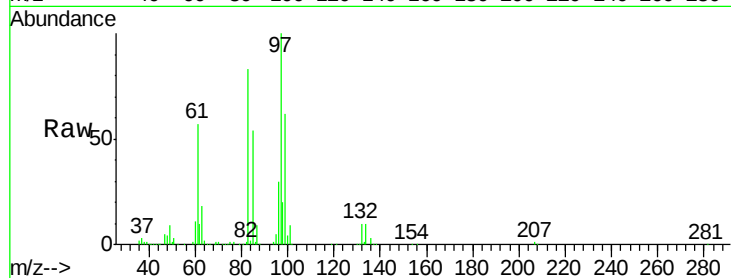




#55
 1,1,2-Trichloroethane
 Concen: 50.242 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

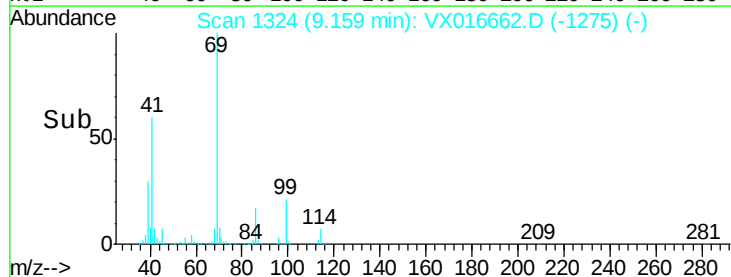
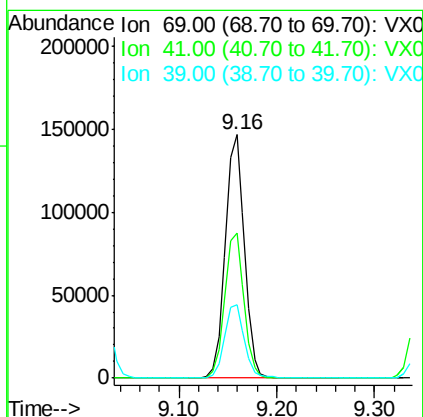
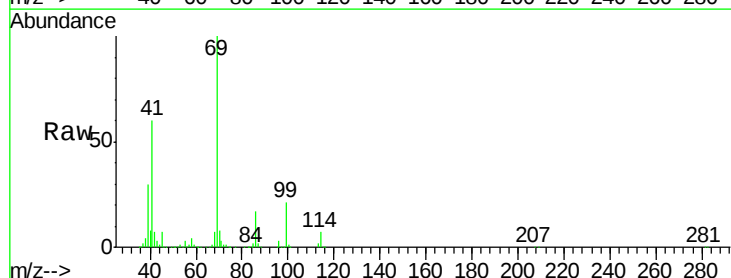
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	129021
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.9	106.3
85	53.8	43.4	65.2
99	62.0	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 47.617 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion:	69	Resp:	199150
Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.7	76.1
39	31.0	25.8	38.6





#57

1,3-Dichloropropane

Concen: 48.150 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

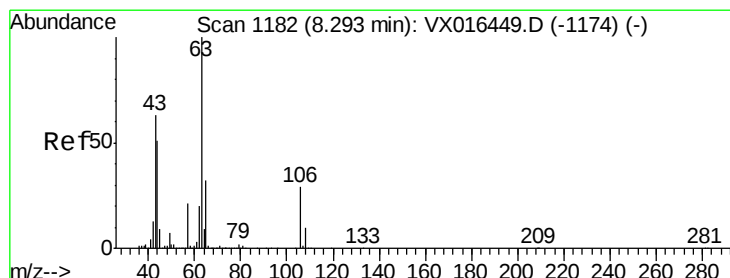
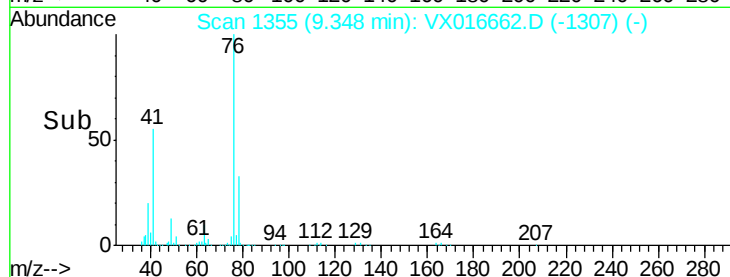
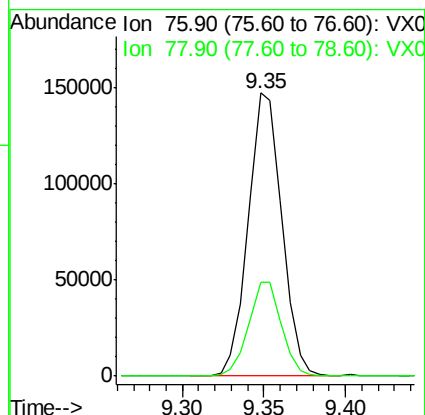
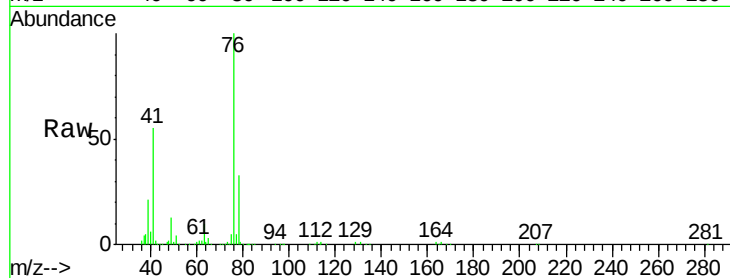
VSTDCCC050EC

Tot Ion: 76 Resp: 212236

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 231.820 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016662.D

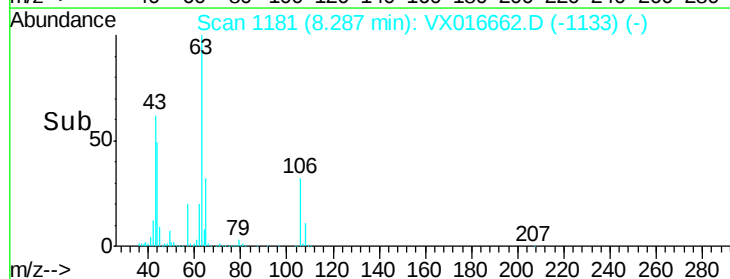
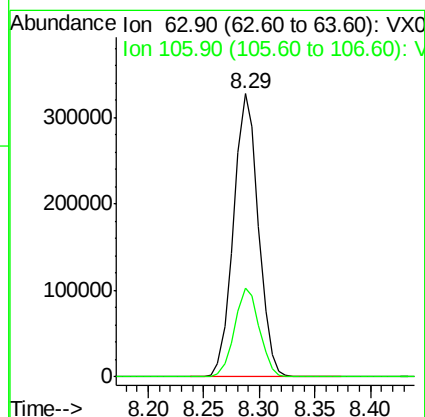
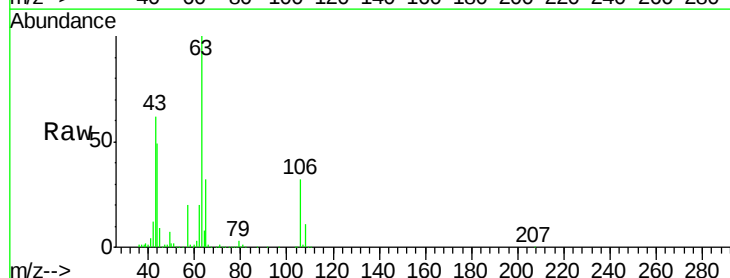
Acq: 09 Jun 2020 15:59

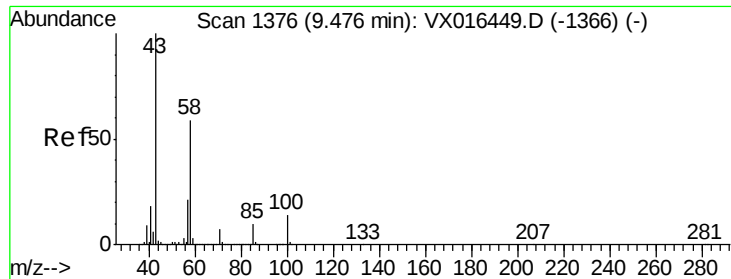
Tgt Ion: 63 Resp: 506063

Ion Ratio Lower Upper

63 100

106 31.3 23.2 34.8

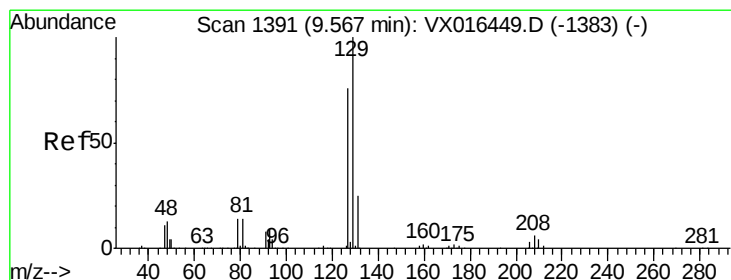
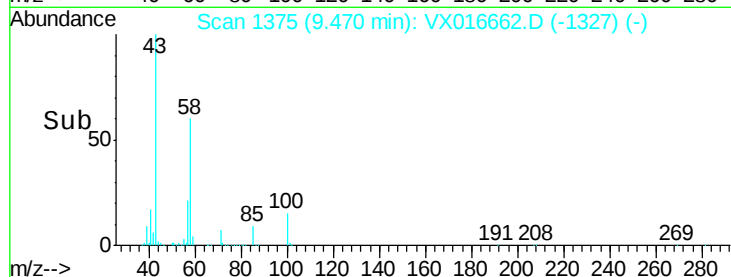
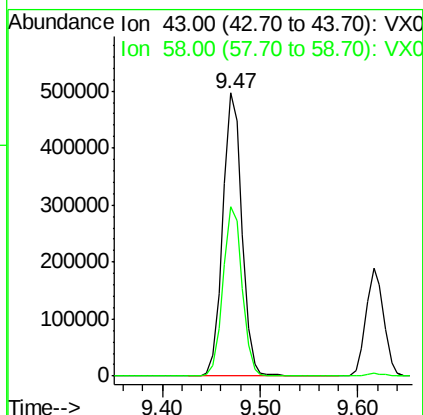
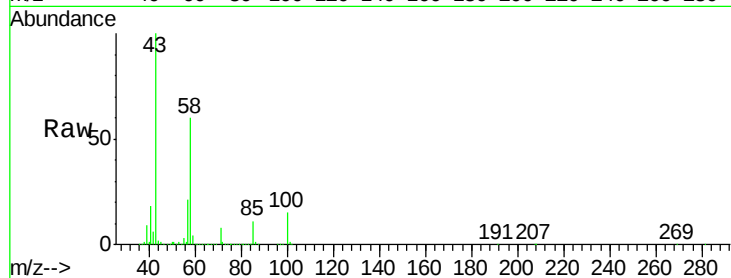




#59
2-Hexanone
Concen: 215.667 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

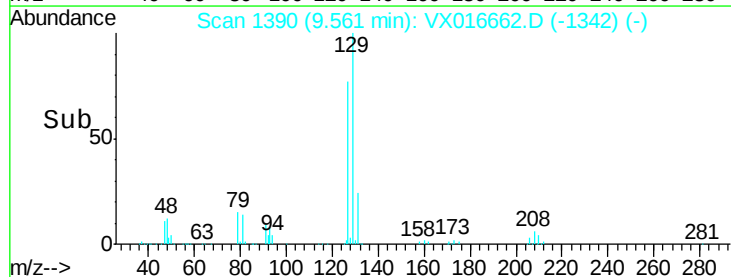
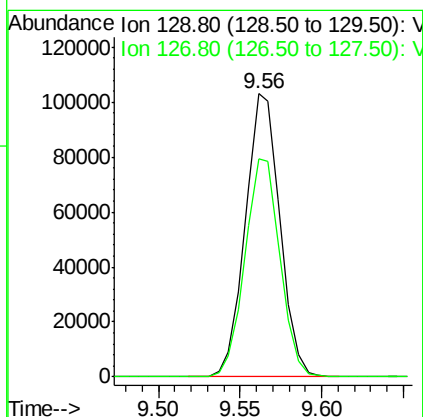
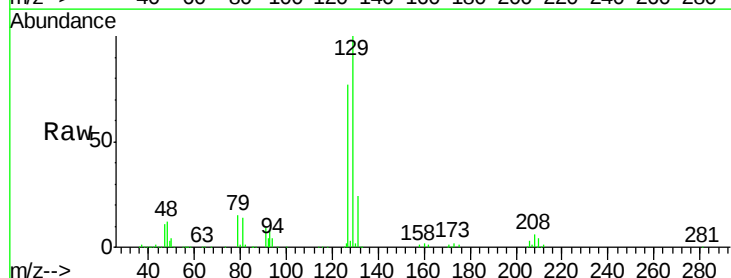
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

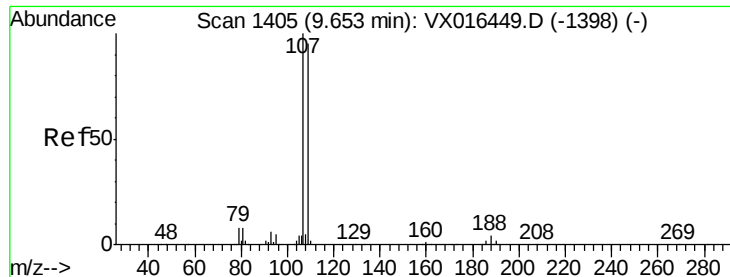
Tot Ion: 43 Resp: 672622
Ion Ratio Lower Upper
43 100
58 60.2 28.8 86.4



#60
Dibromochloromethane
Concen: 52.668 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 129 Resp: 152206
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.948 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

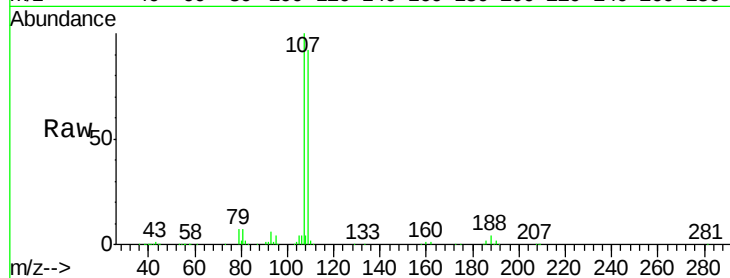
VSTDCCC050EC

Tot Ion:107 Resp: 137355

Ion Ratio Lower Upper

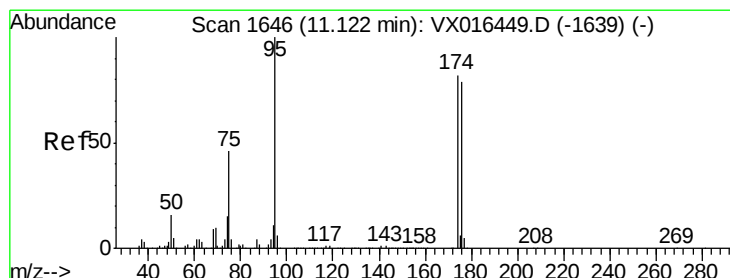
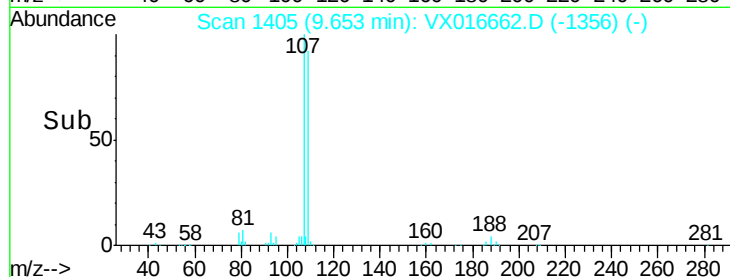
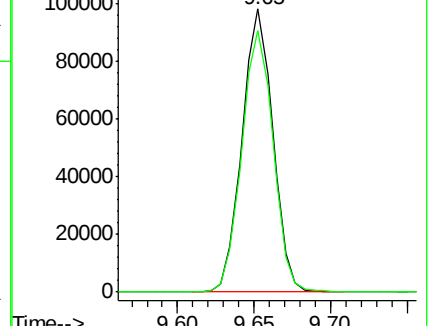
107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.358 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

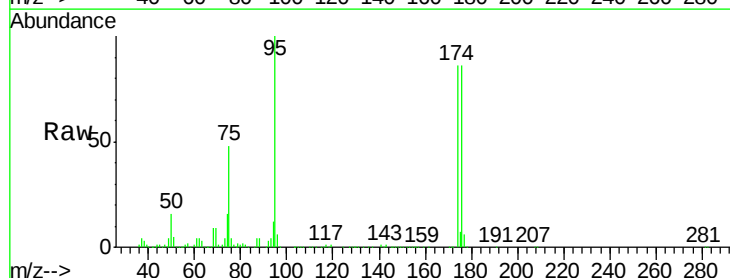
Tgt Ion: 95 Resp: 159312

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

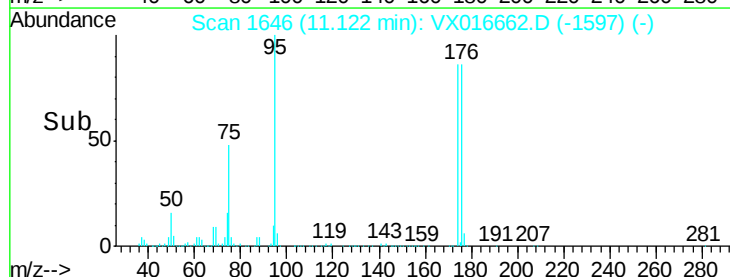
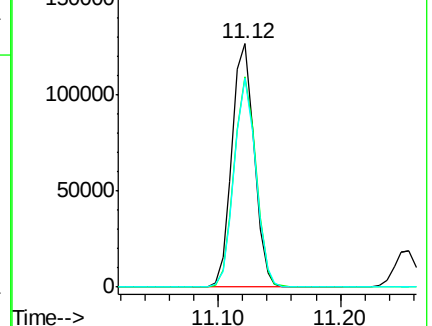
176 83.1 0.0 156.8

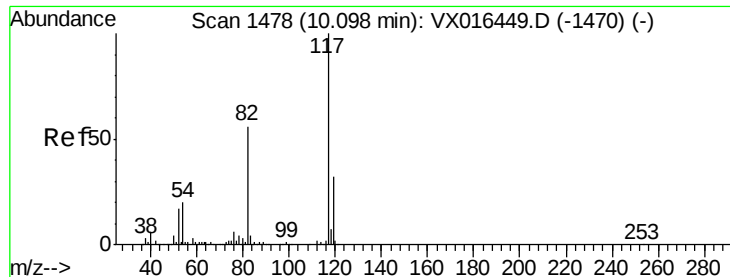


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

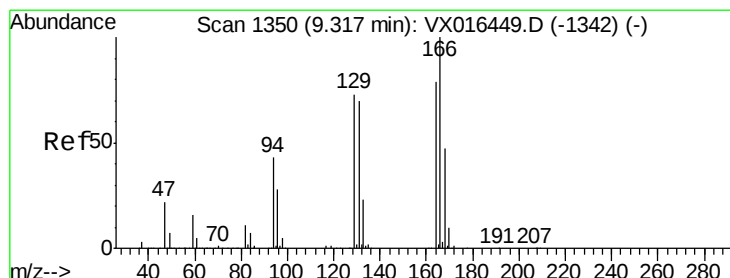
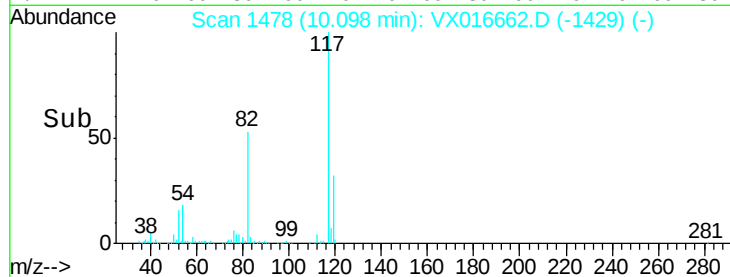
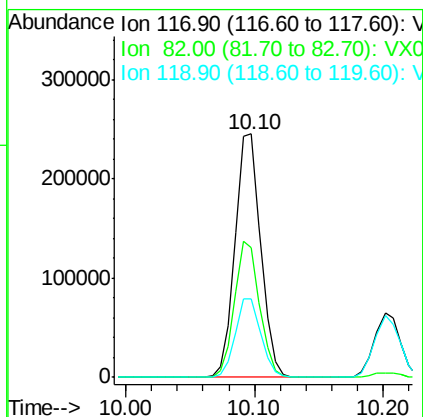
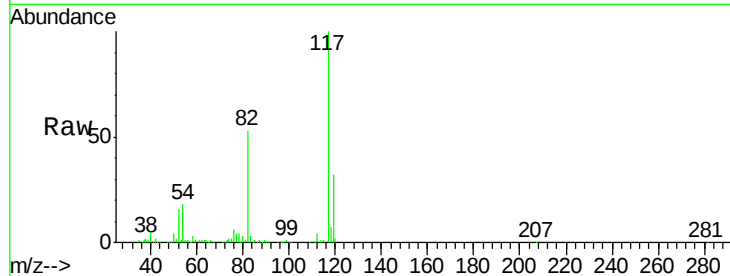




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

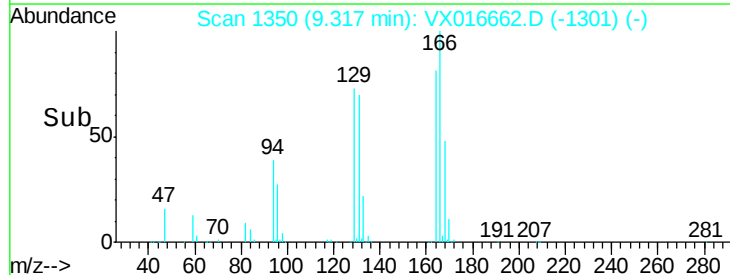
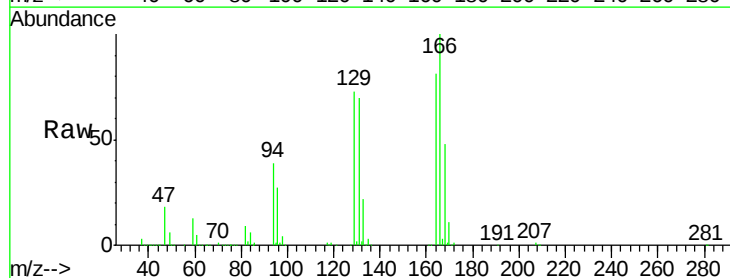
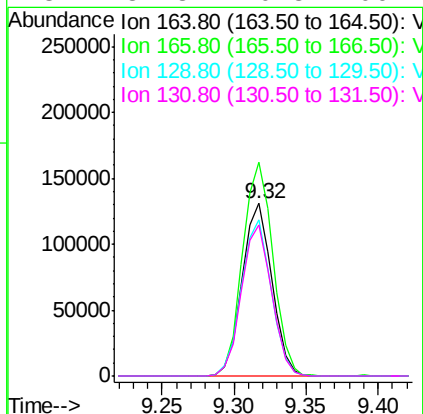
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

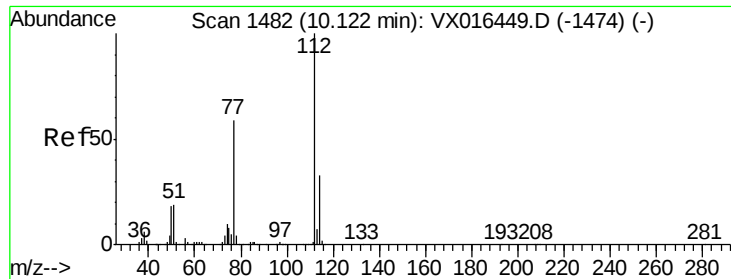
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.6
119	32.1	25.8	38.8



#64
Tetrachloroethene
Concen: 49.063 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.9	151.3
129	90.6	73.2	109.8
131	87.3	70.8	106.2

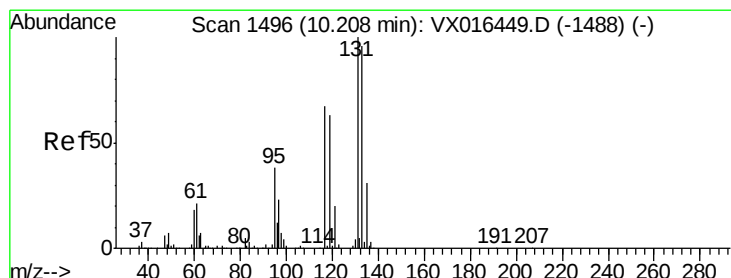
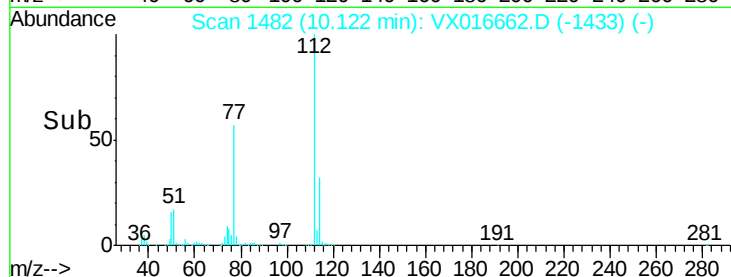
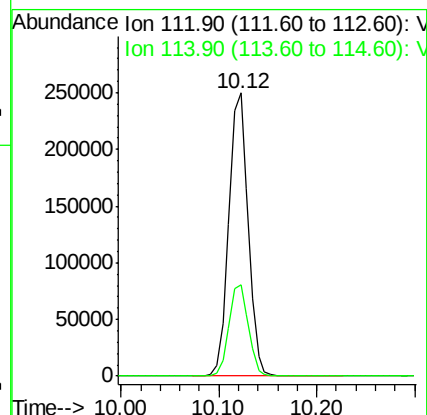
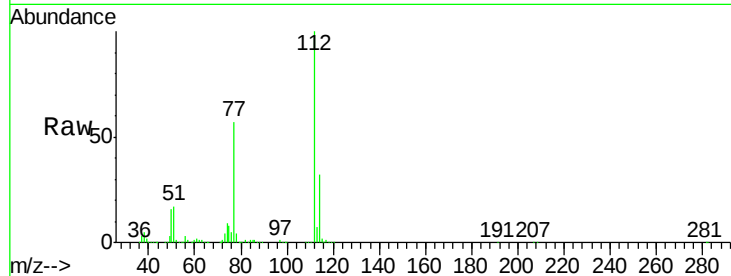




#65
Chlorobenzene
Concen: 49.117 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

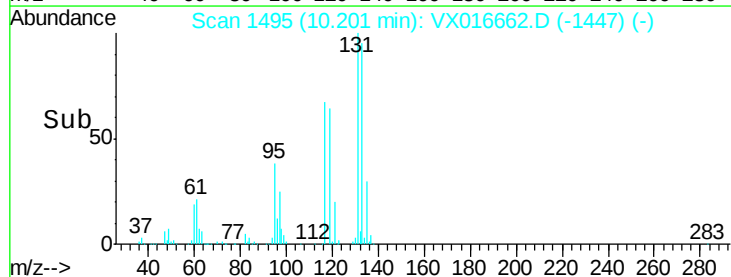
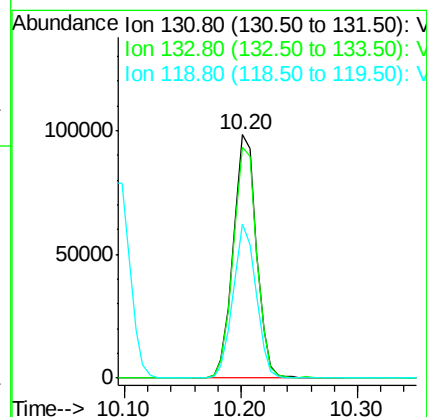
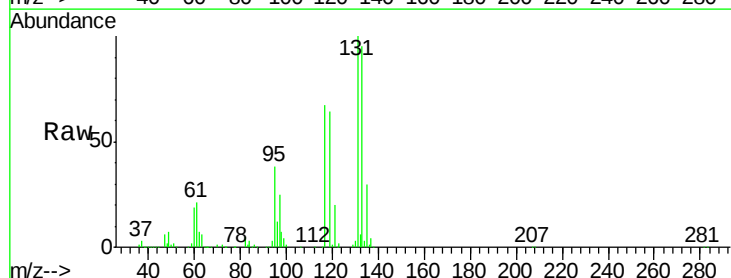
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

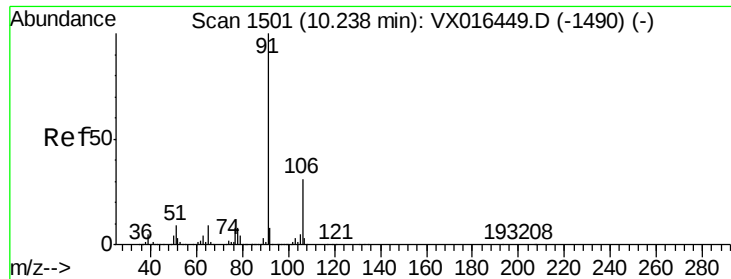
Tot Ion:112 Resp: 341831
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.583 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion:131 Resp: 137038
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.3
119 62.9 32.0 96.2

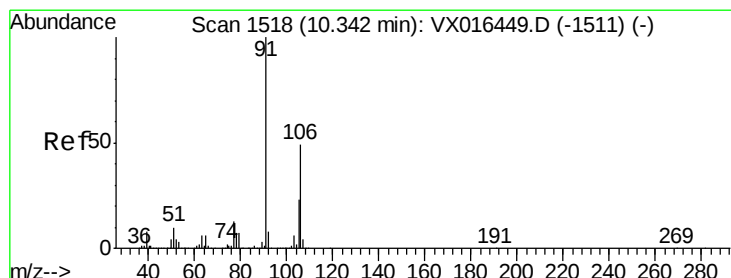
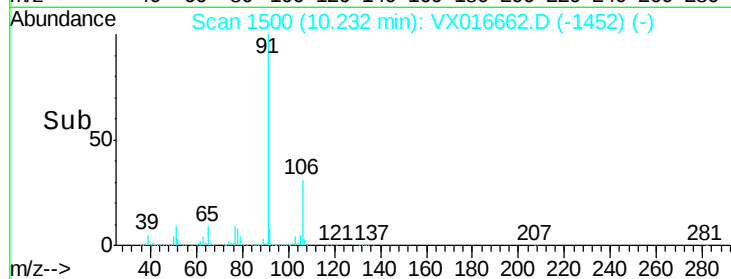
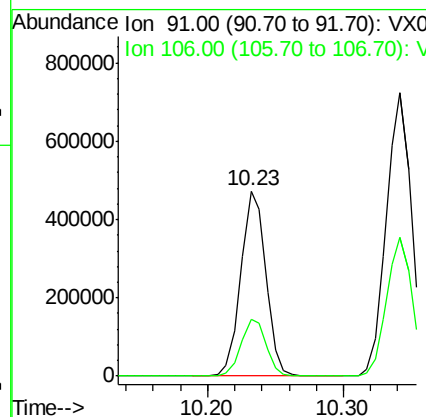
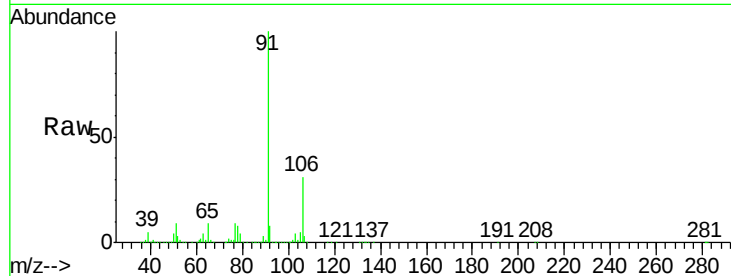




#67
Ethyl Benzene
Concen: 48.768 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

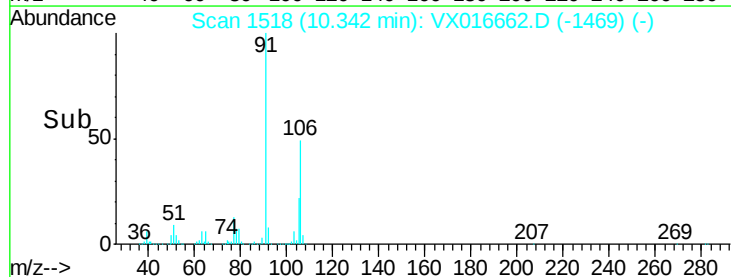
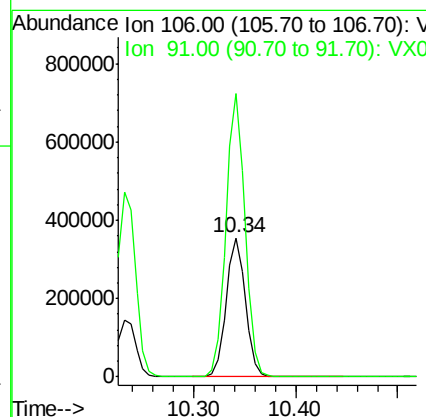
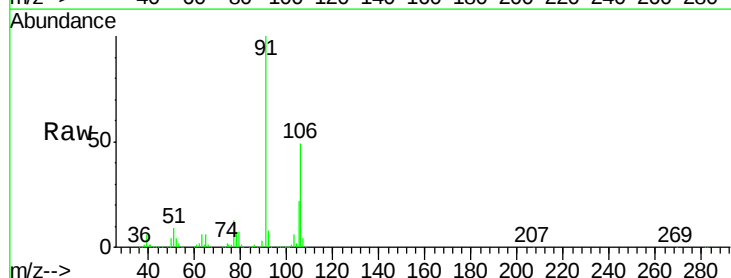
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

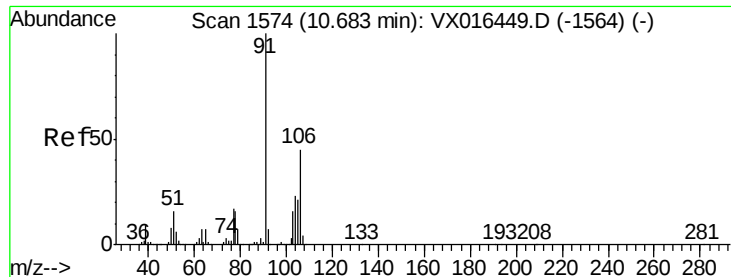
Tot Ion: 91 Resp: 604278
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#68
m/p-Xylenes
Concen: 101.560 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 106 Resp: 466587
Ion Ratio Lower Upper
106 100
91 201.9 163.8 245.8

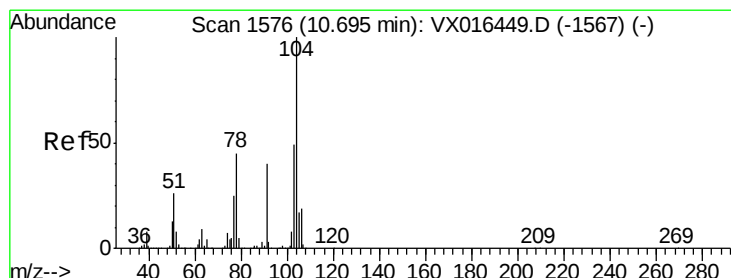
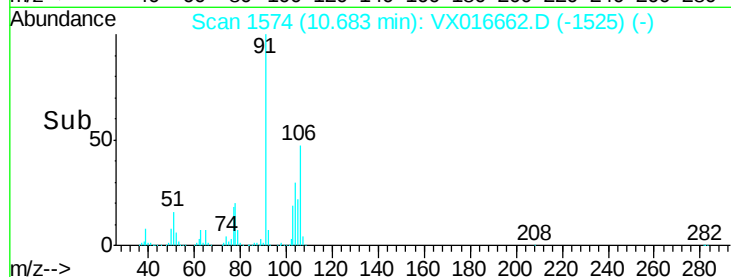
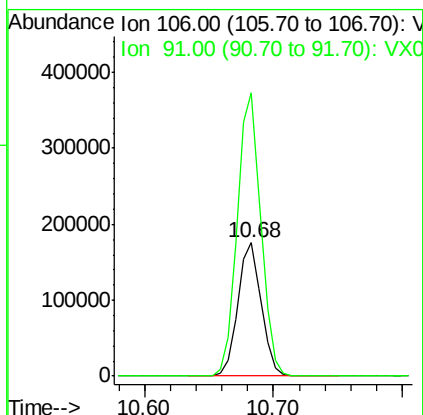
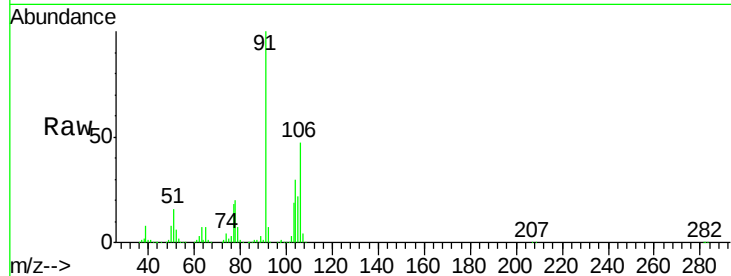




#69
o-Xylene
Concen: 49.850 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

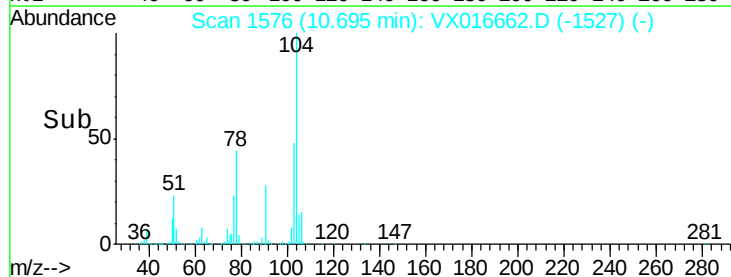
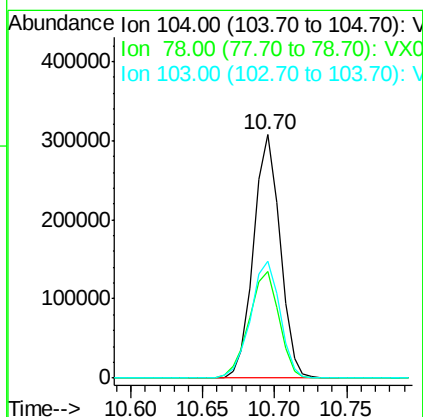
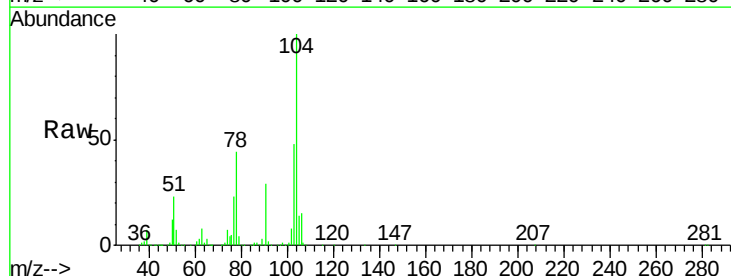
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

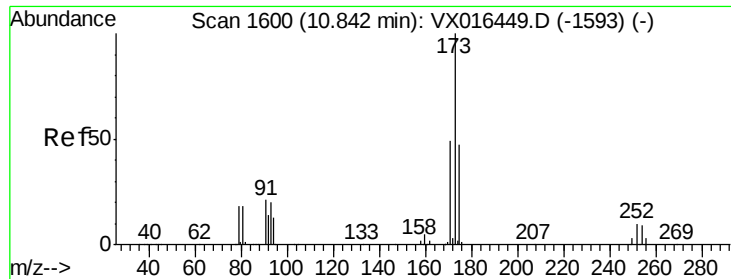
Tot Ion:106 Resp: 221798
Ion Ratio Lower Upper
106 100
91 213.8 109.6 328.8



#70
Styrene
Concen: 50.912 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion:104 Resp: 389361
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.2
103 53.5 43.1 64.7

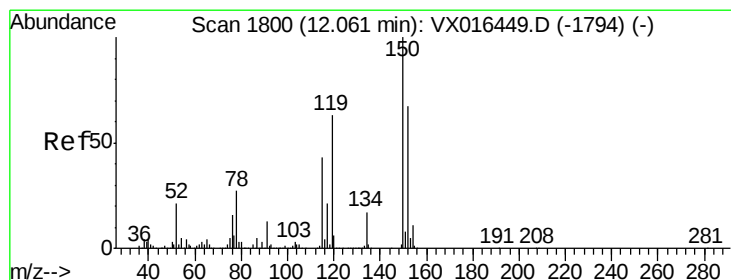
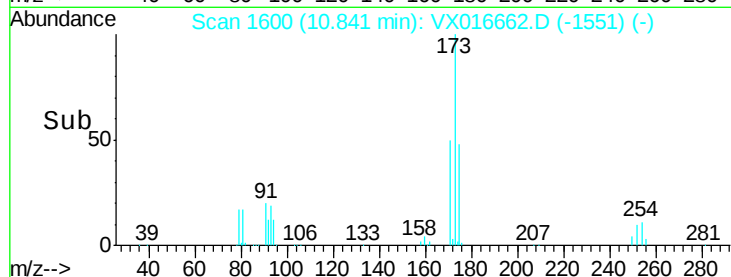
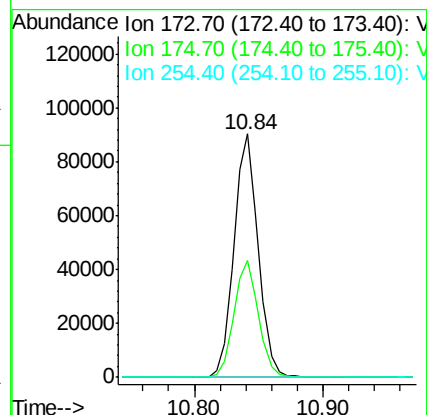
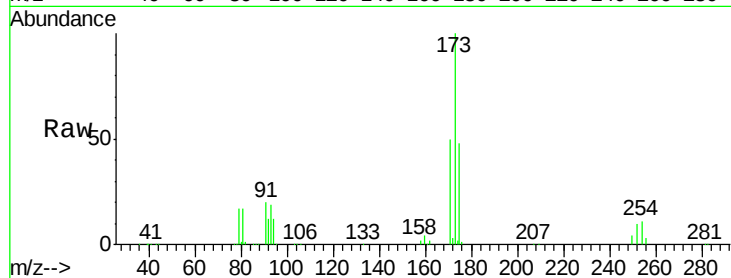




#71
Bromoform
Concen: 52.882 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

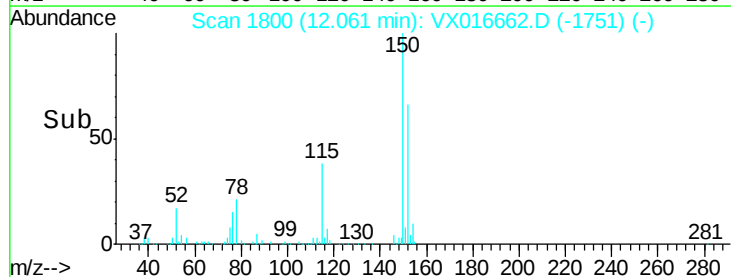
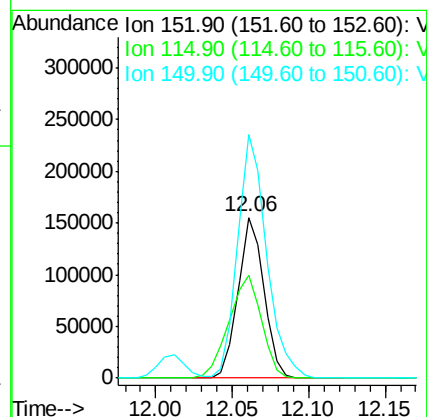
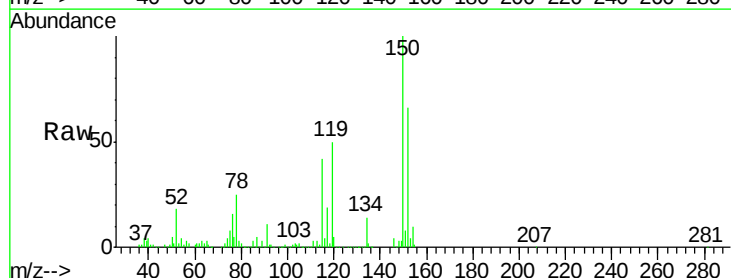
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

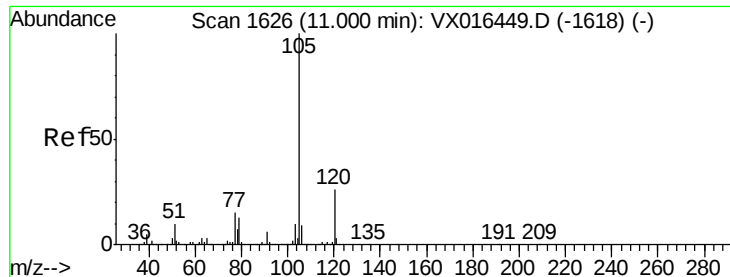
Tot Ion:173 Resp: 118731
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion:152 Resp: 182078
Ion Ratio Lower Upper
152 100
115 80.3 39.9 119.6
150 170.7 0.0 341.0





#73

Isopropylbenzene

Concen: 47.754 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

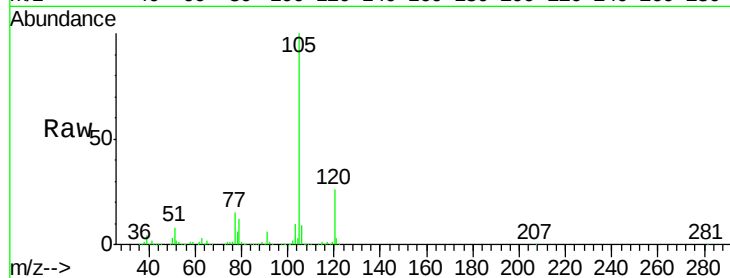
VSTDCCC050EC

Tot Ion:105 Resp: 602451

Ion Ratio Lower Upper

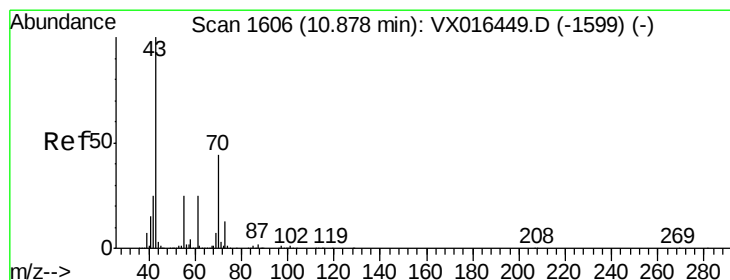
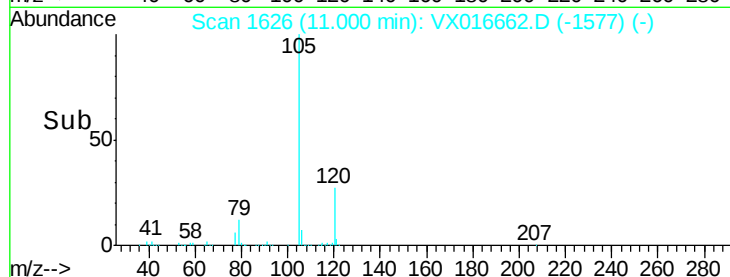
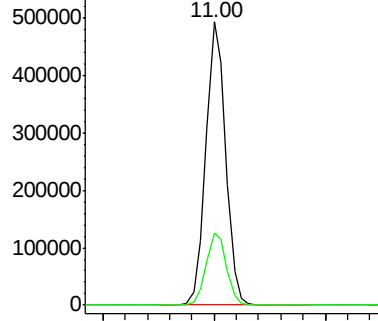
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.116 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Tgt Ion: 43 Resp: 232790

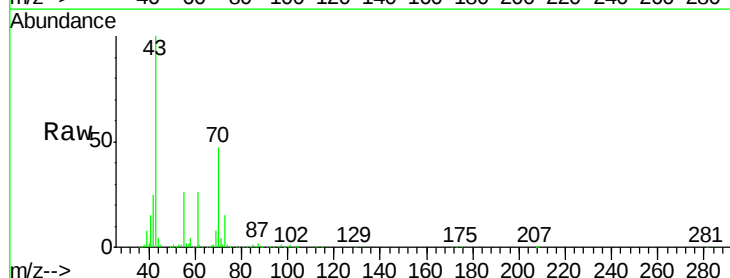
Ion Ratio Lower Upper

43 100

70 48.0 36.1 54.1

55 26.6 20.2 30.4

61 27.0 20.3 30.5

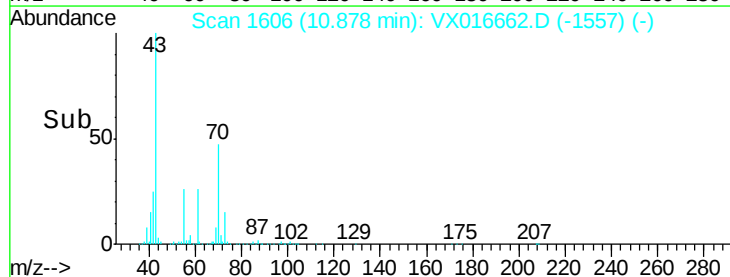
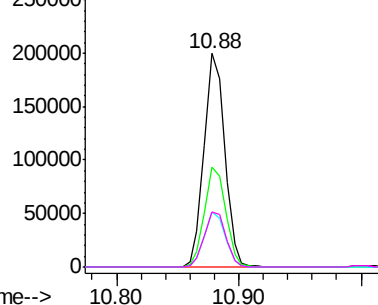


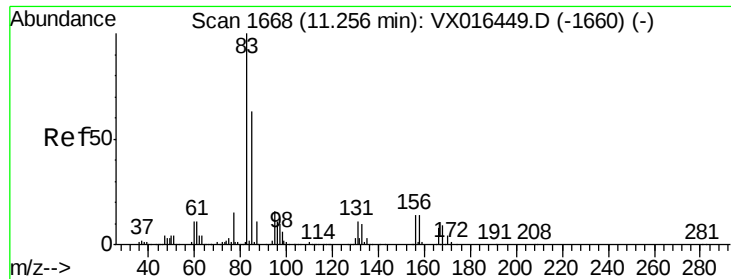
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.098 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

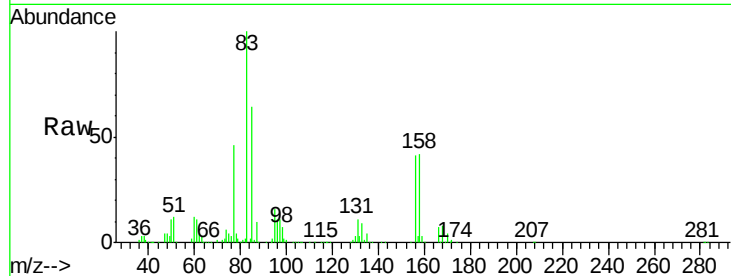
Tot Ion: 83 Resp: 148915

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

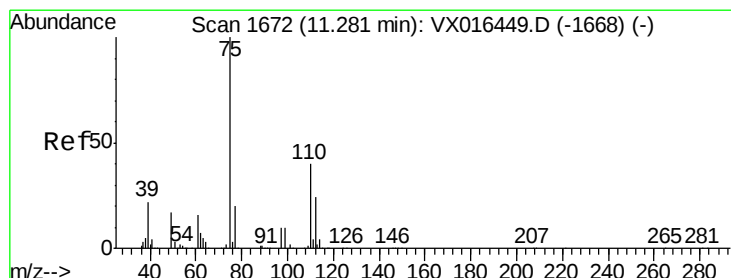
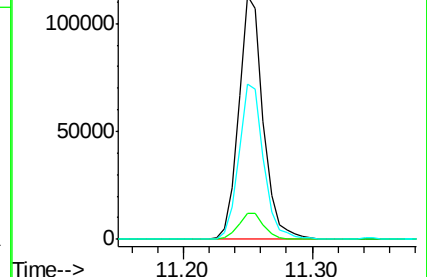
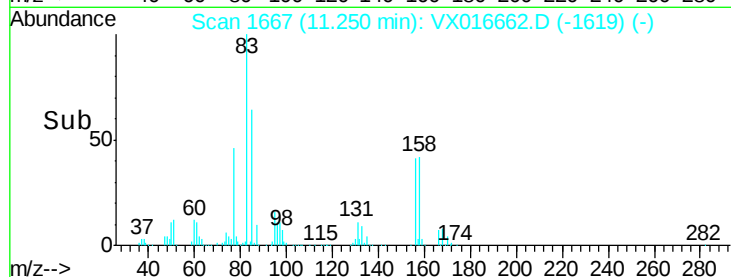
85 65.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.244 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016662.D

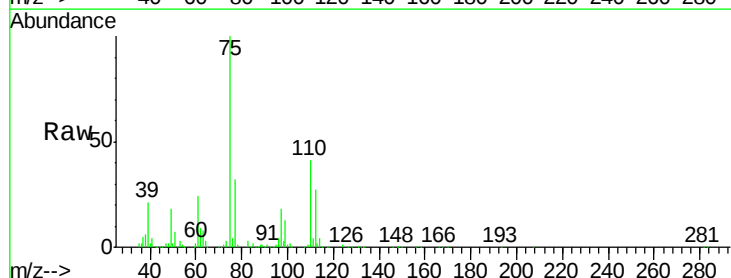
Acq: 09 Jun 2020 15:59

Tgt Ion: 75 Resp: 237104

Ion Ratio Lower Upper

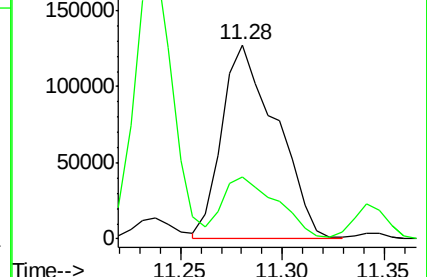
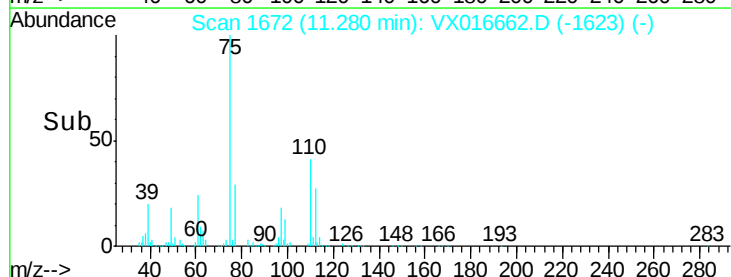
75 100

77 32.2 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.270 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

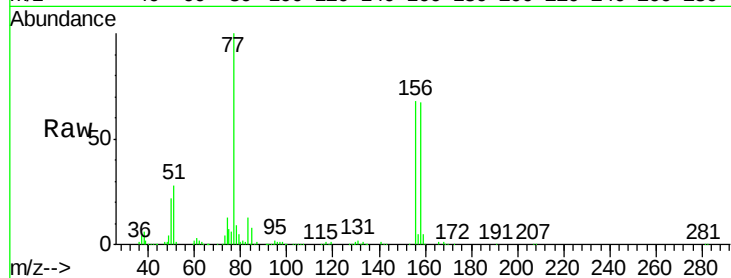
Tot Ion:156 Resp: 156410

Ion Ratio Lower Upper

156 100

77 149.9 79.6 238.8

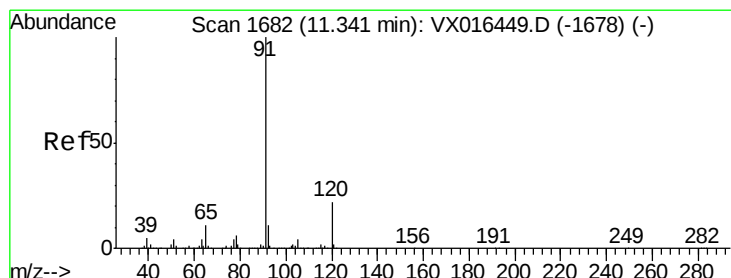
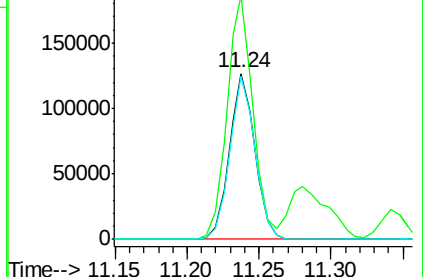
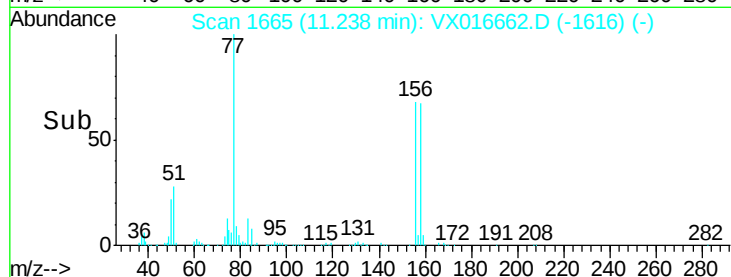
158 98.1 48.1 144.4



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: 47.969 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016662.D

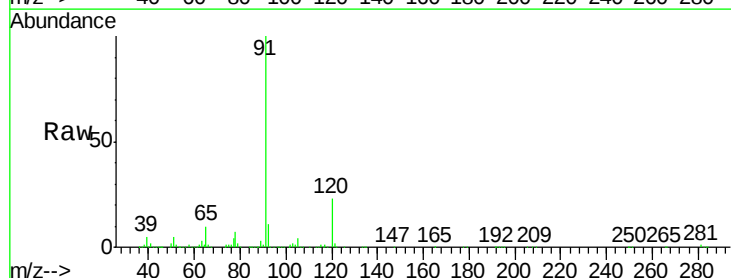
Acq: 09 Jun 2020 15:59

Tgt Ion: 91 Resp: 676103

Ion Ratio Lower Upper

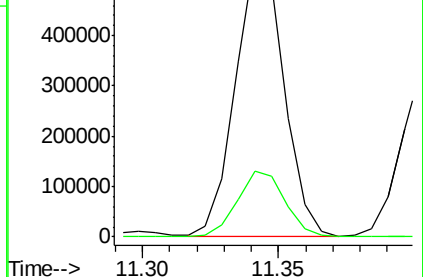
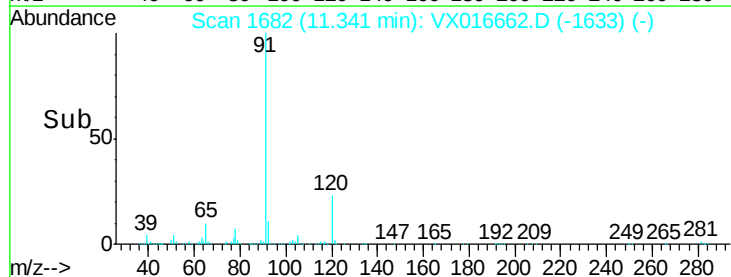
91 100

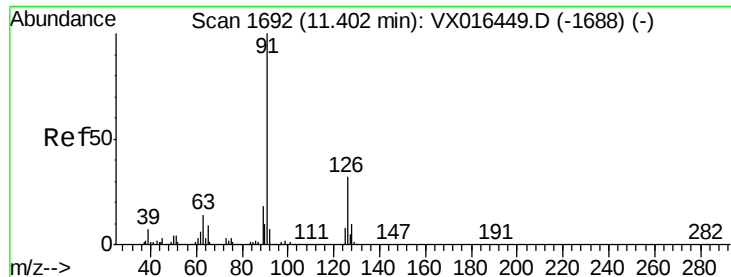
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

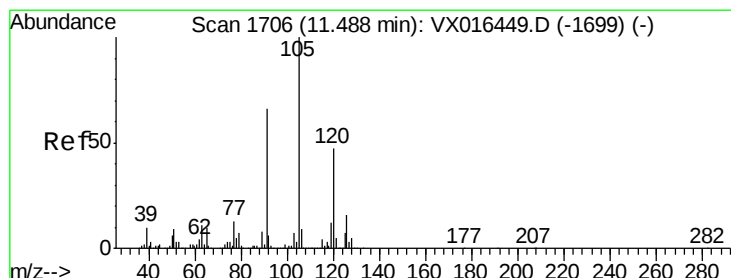
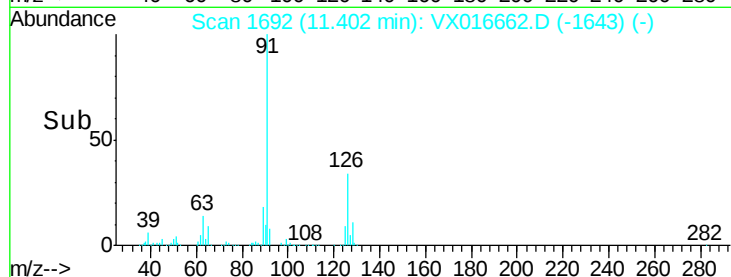
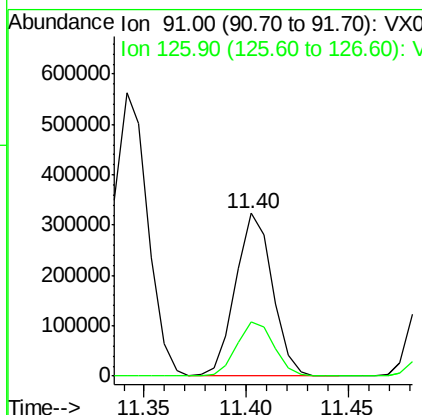
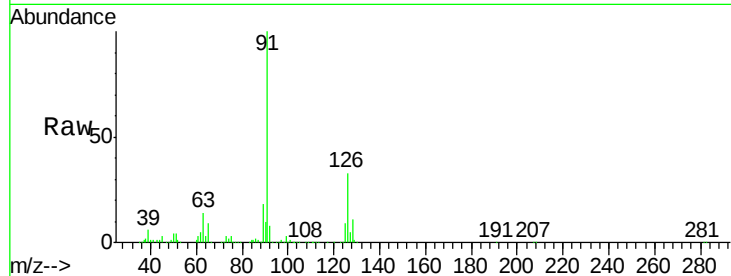




#79
 2-Chlorotoluene
 Concen: 46.880 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

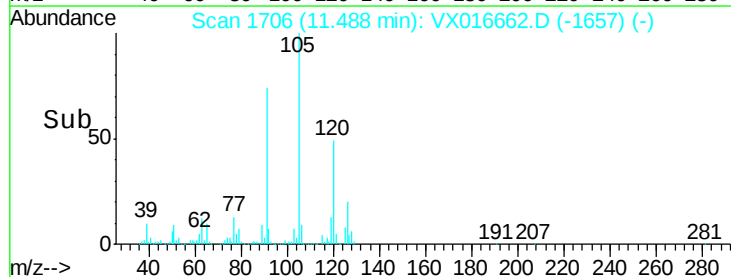
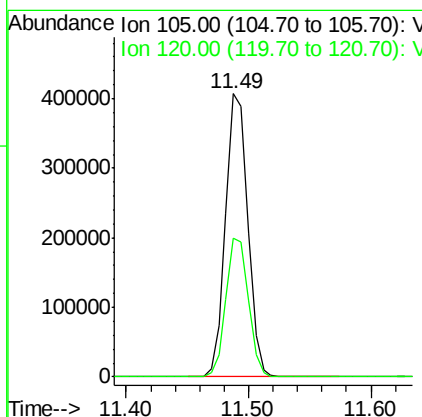
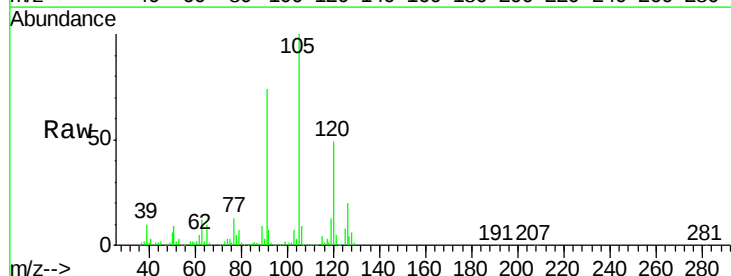
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

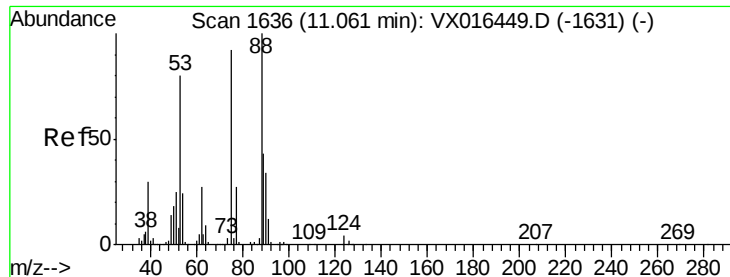
Tot Ion: 91 Resp: 403321
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 48.499 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion: 105 Resp: 510894
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.731 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

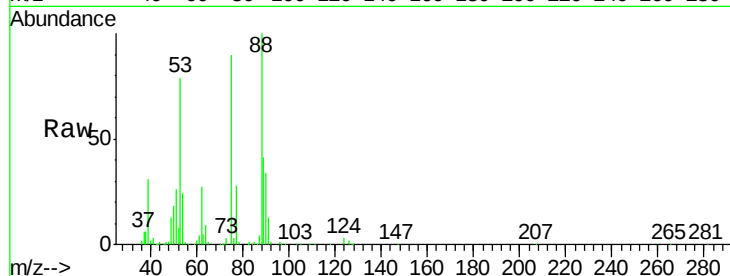
Tot Ion: 75 Resp: 72777

Ion Ratio Lower Upper

75 100

53 86.3 71.3 106.9

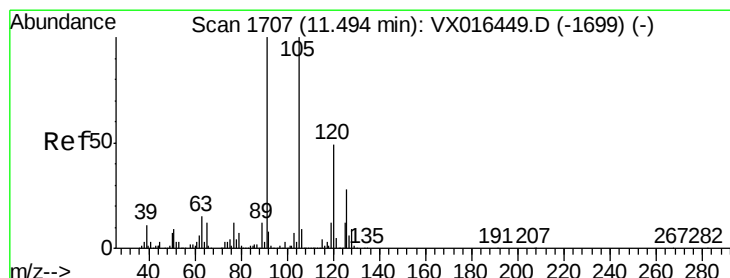
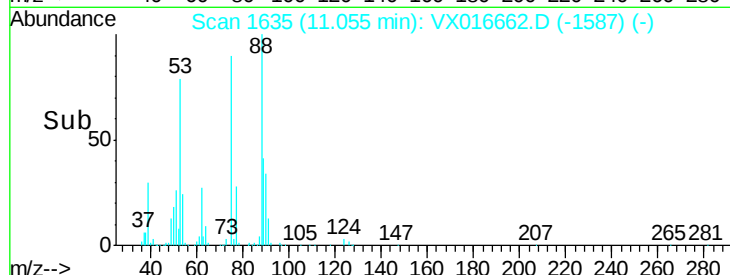
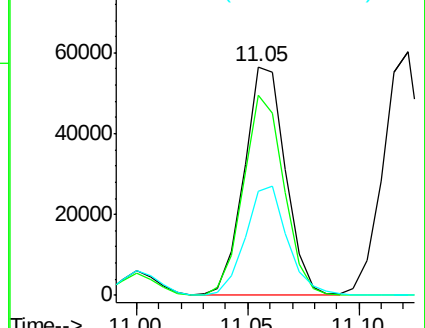
89 49.1 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.319 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016662.D

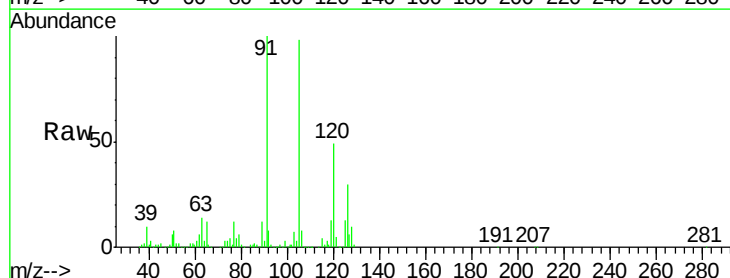
Acq: 09 Jun 2020 15:59

Tgt Ion: 91 Resp: 480740

Ion Ratio Lower Upper

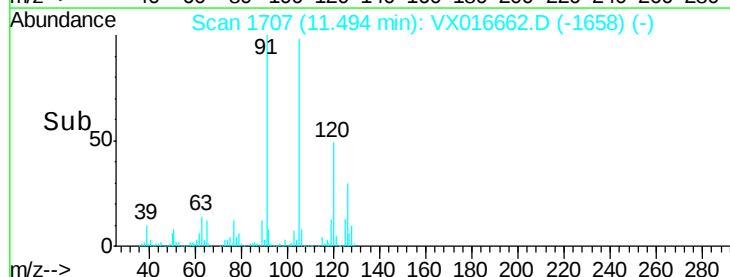
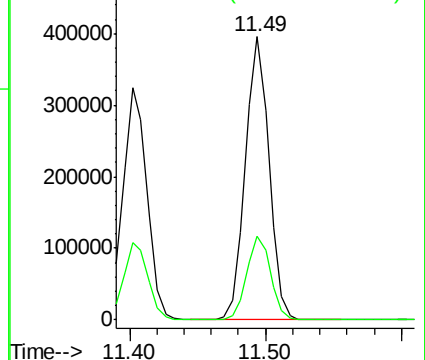
91 100

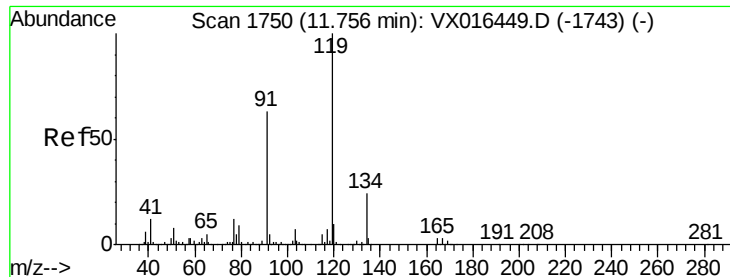
126 29.8 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

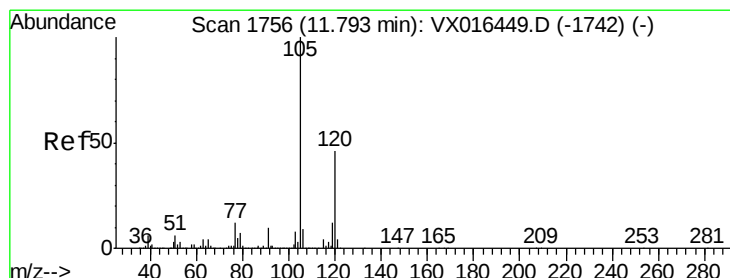
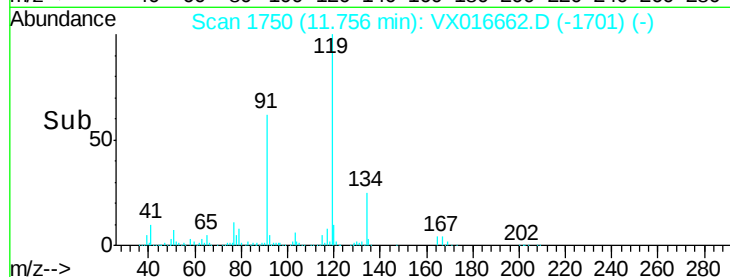
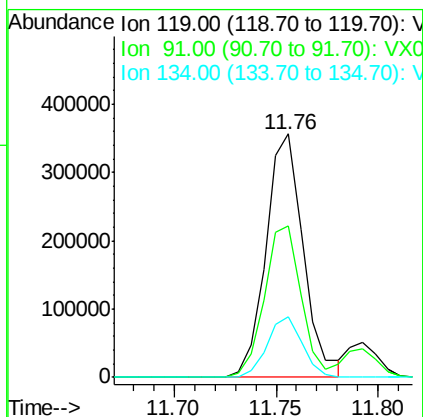
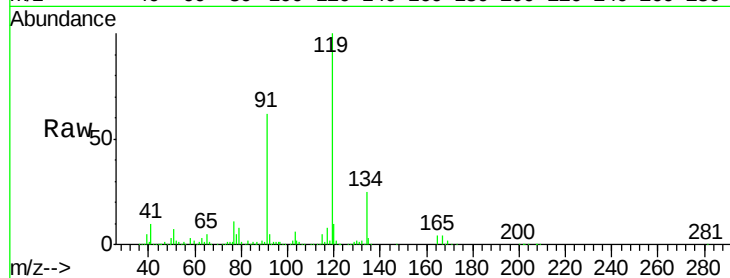




#83
tert-Butylbenzene
Concen: 50.610 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

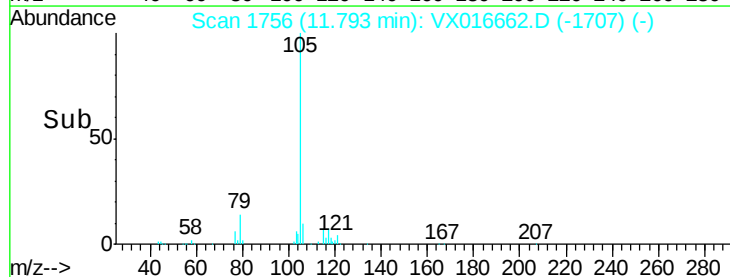
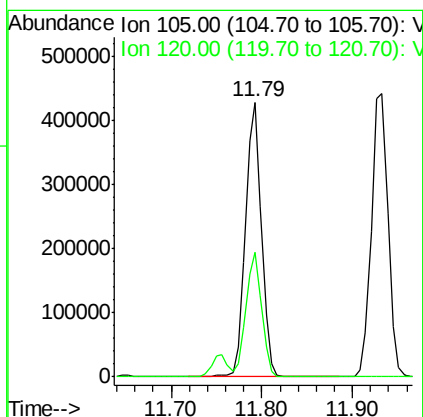
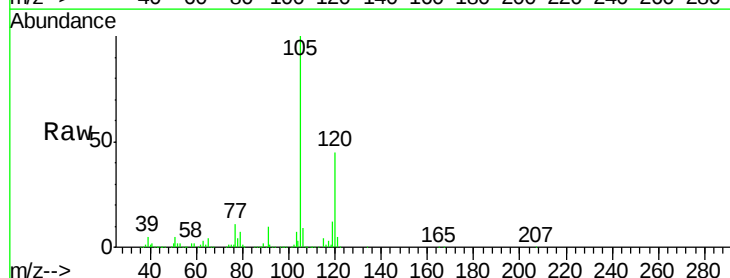
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.3	93.8
134	23.6	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 48.884 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7





#85

sec-Butylbenzene

Concen: 49.539 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

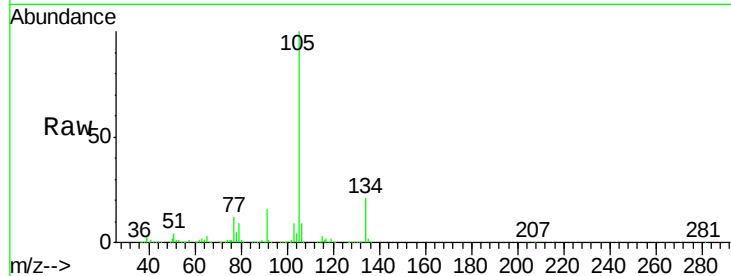
VSTDCCC050EC

Tot Ion:105 Resp: 559354

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

300000

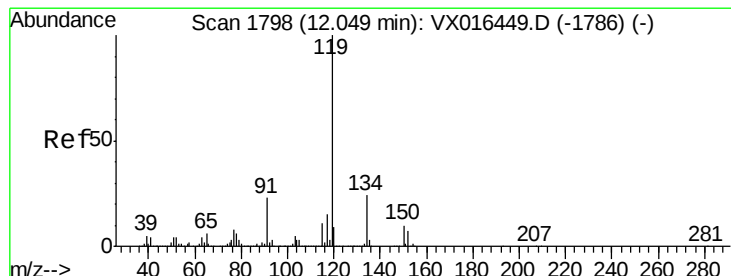
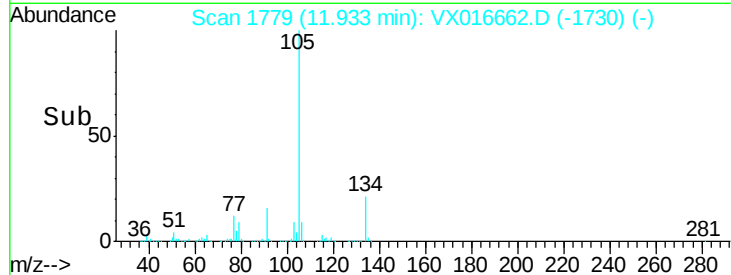
200000

100000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.445 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

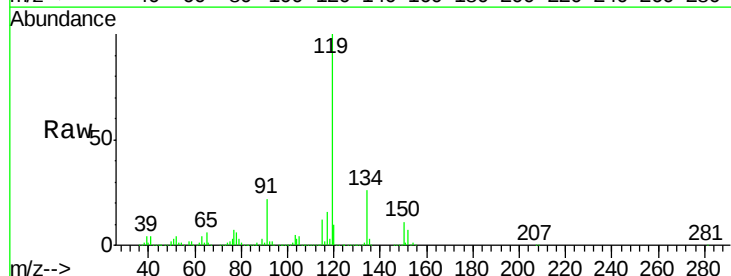
Tgt Ion:119 Resp: 544136

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 22.8 11.7 35.0



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): V

12.05

600000

500000

400000

300000

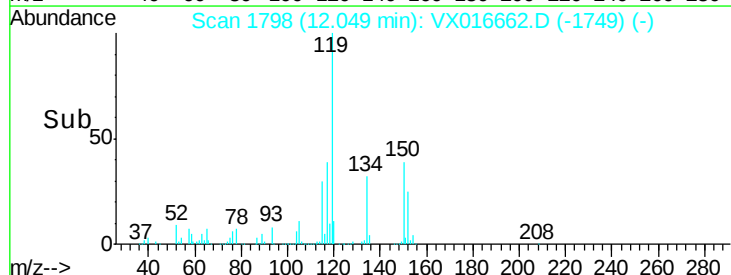
200000

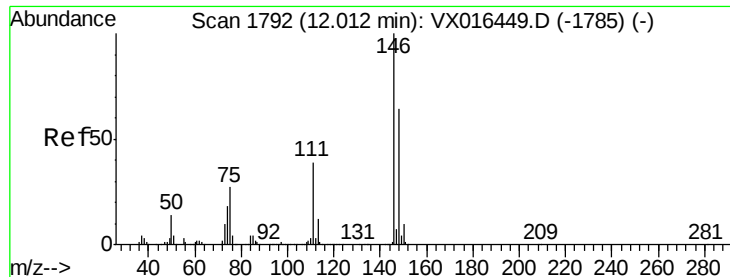
100000

0

Time-->

12.00 12.10

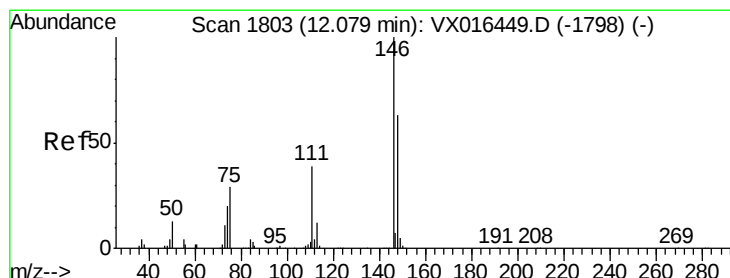
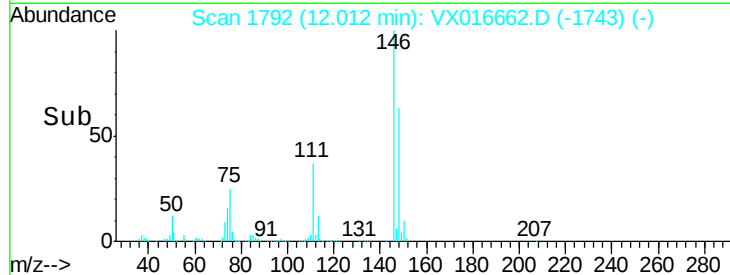
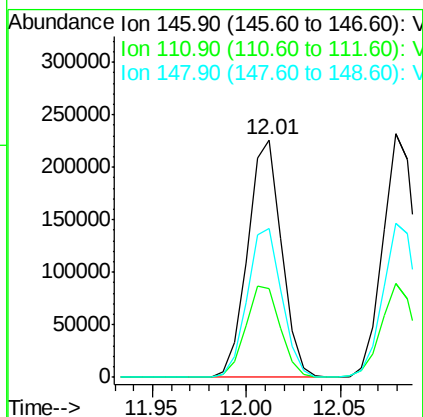
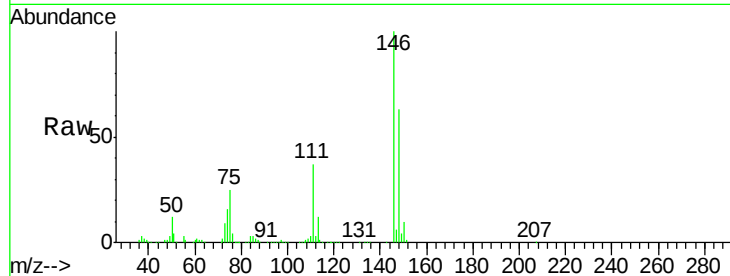




#87
 1,3-Dichlorobenzene
 Concen: 49.171 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

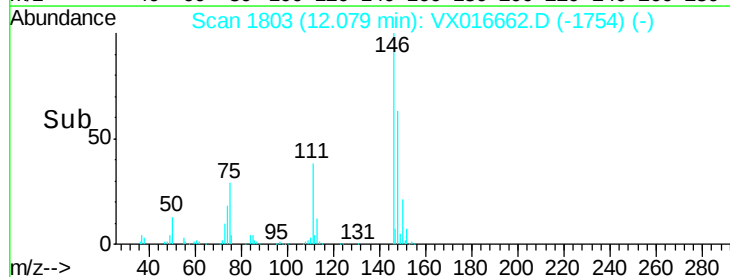
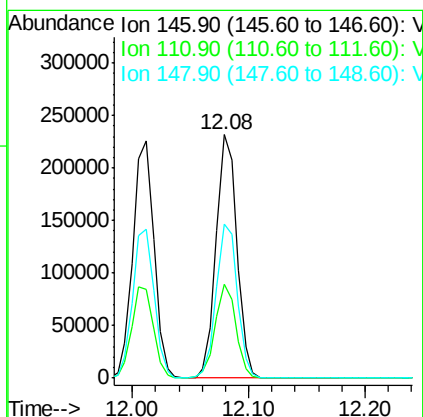
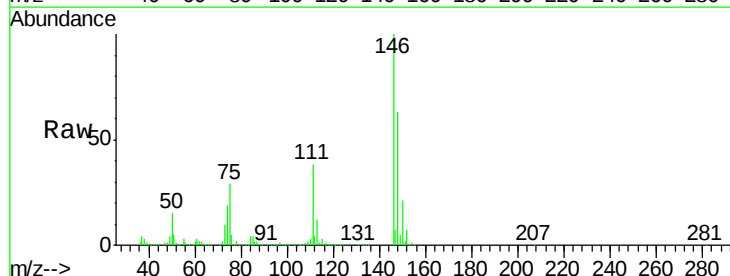
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

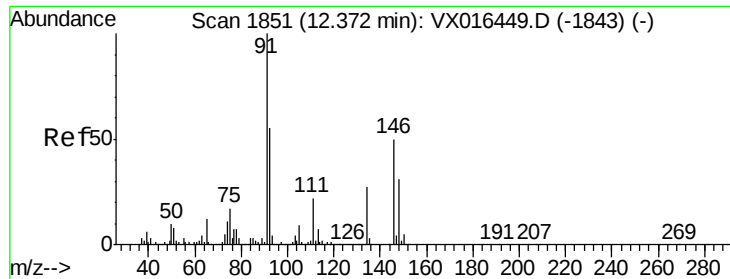
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.395 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.3	31.4	94.3

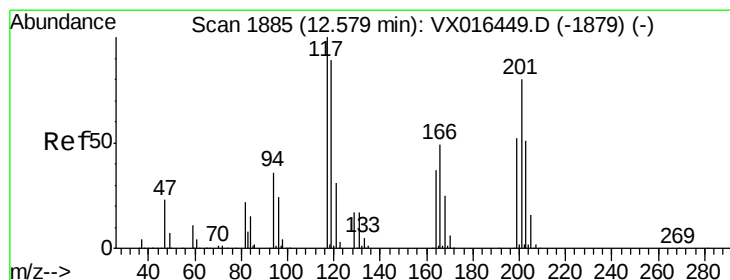
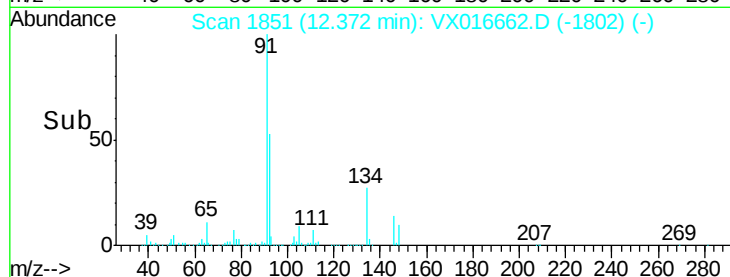
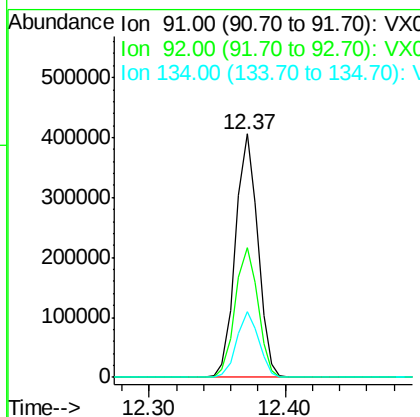
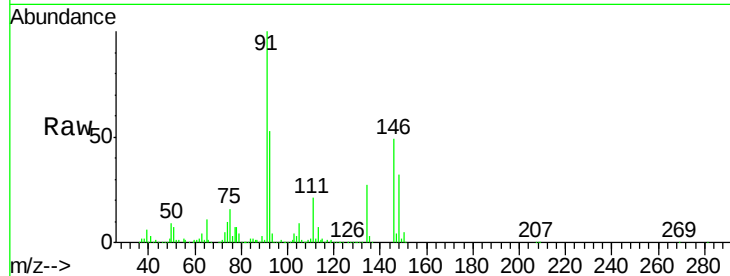




#89
n-Butylbenzene
Concen: 52.615 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

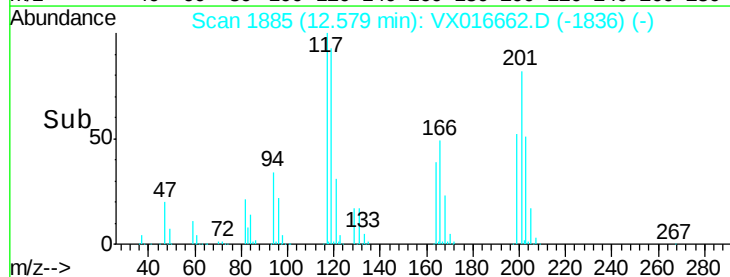
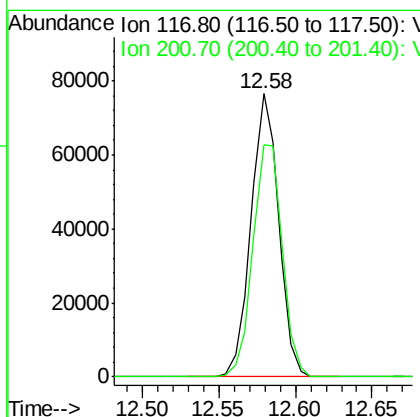
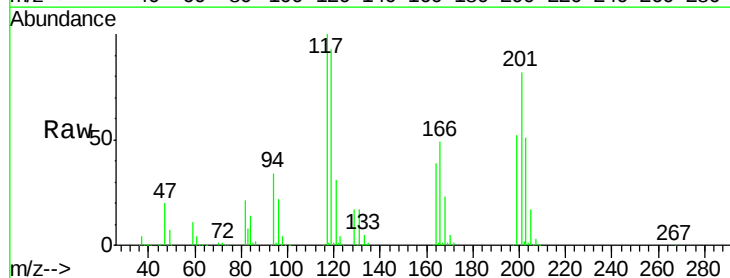
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

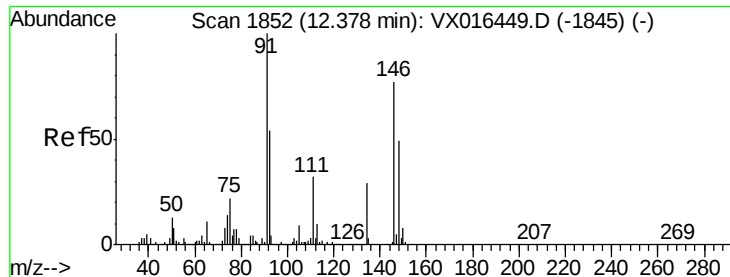
Tot Ion: 91 Resp: 463533
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 27.0 13.1 39.3



#90
Hexachloroethane
Concen: 52.702 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016662.D
Acq: 09 Jun 2020 15:59

Tgt Ion: 117 Resp: 96284
Ion Ratio Lower Upper
117 100
201 87.5 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 48.395 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

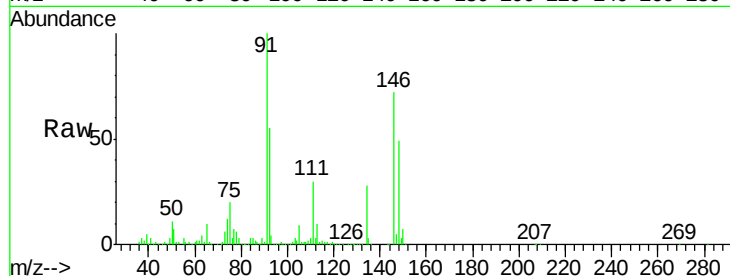
Tot Ion:146 Resp: 268784

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

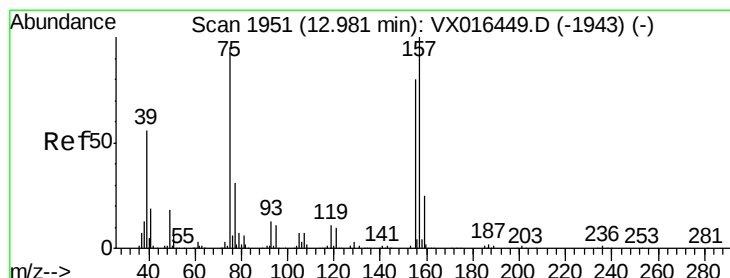
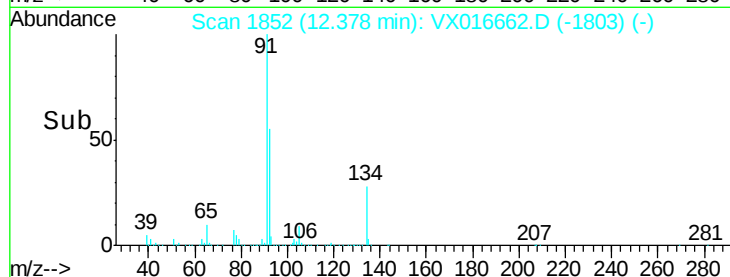
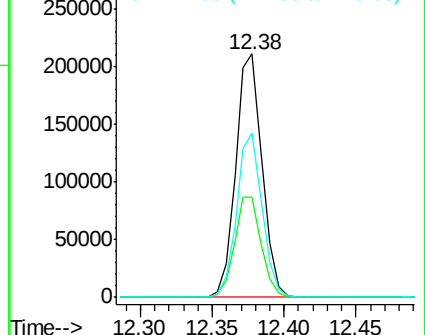
148 65.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.648 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

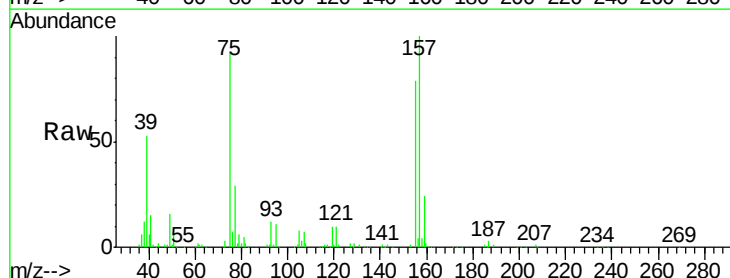
Tgt Ion: 75 Resp: 44701

Ion Ratio Lower Upper

75 100

155 92.1 44.1 132.4

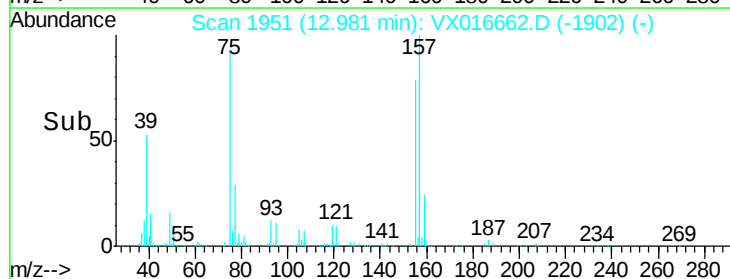
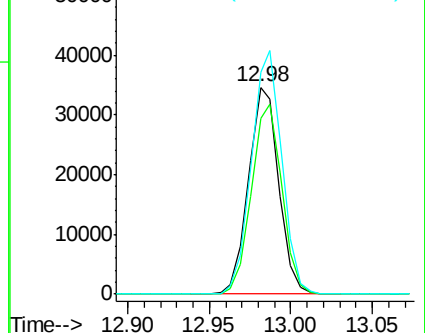
157 118.1 57.8 173.3

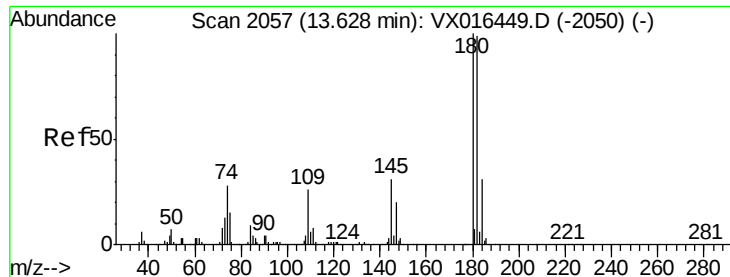


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

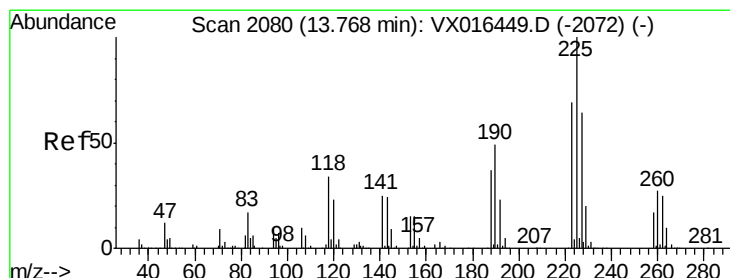
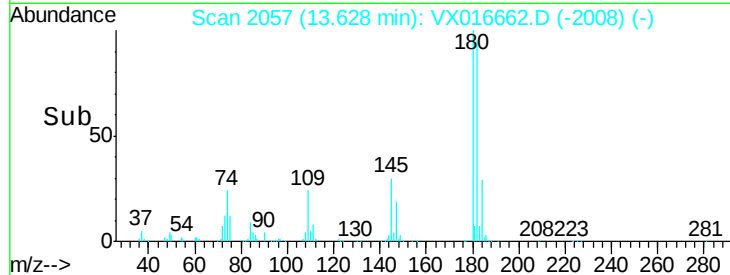
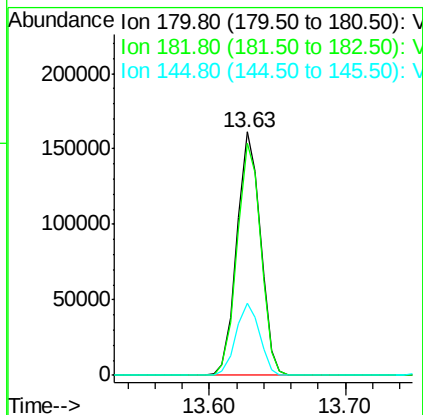
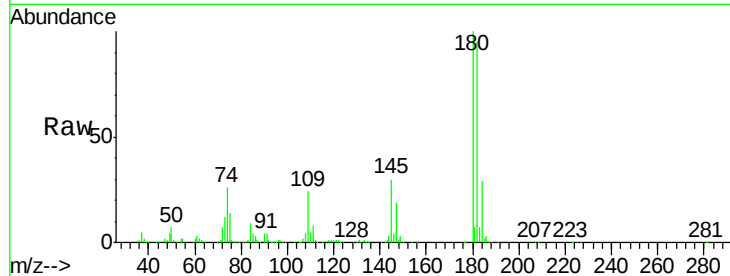




#93
 1,2,4-Trichlorobenzene
 Concen: 52.890 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

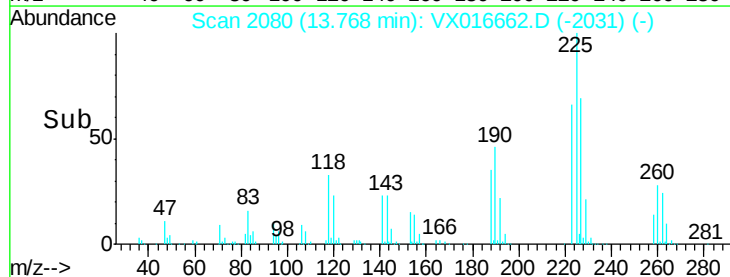
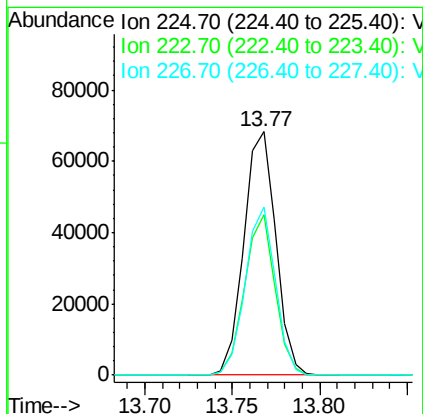
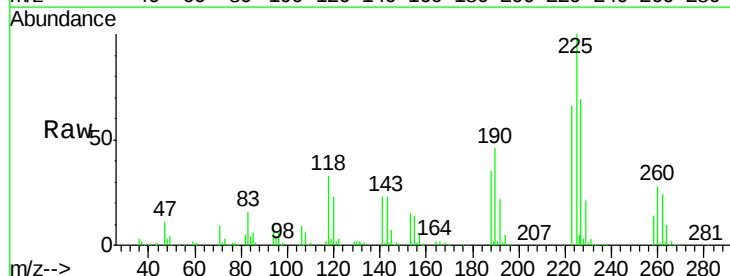
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

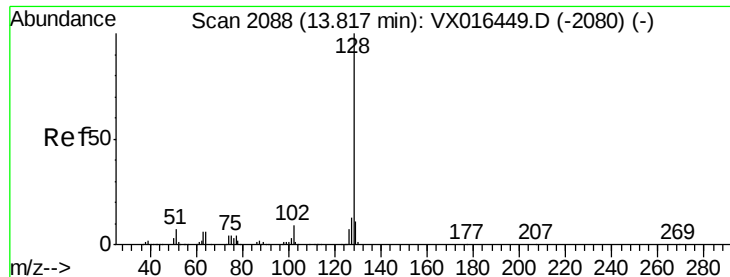
Tot Ion:180 Resp: 195091
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.8
 145 30.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 59.787 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016662.D
 Acq: 09 Jun 2020 15:59

Tgt Ion:225 Resp: 86586
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.3 96.8
 227 65.3 31.6 94.7





#95

Naphthalene

Concen: 47.094 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

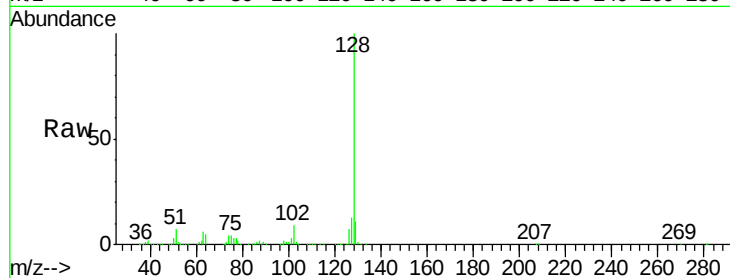
Tot Ion:128 Resp: 595500

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

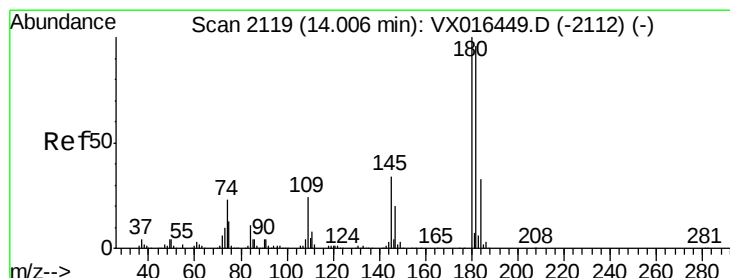
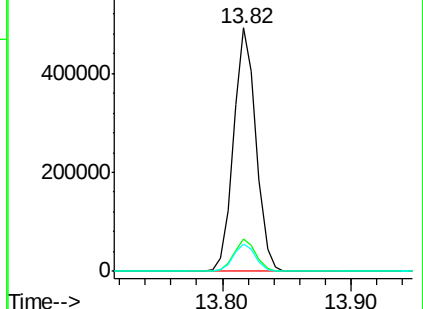
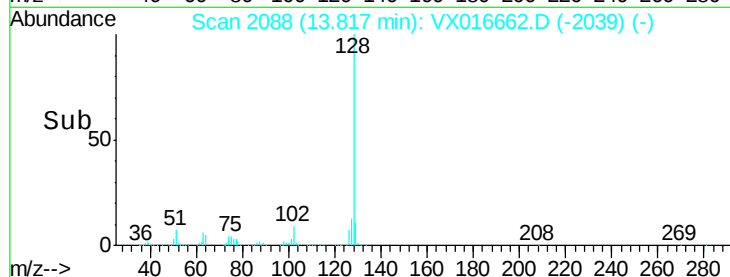
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.620 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016662.D

Acq: 09 Jun 2020 15:59

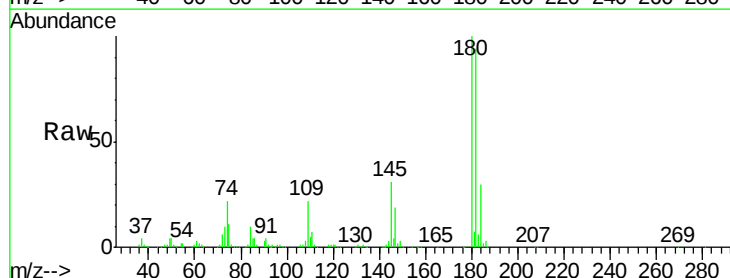
Tgt Ion:180 Resp: 186540

Ion Ratio Lower Upper

180 100

182 97.5 48.6 145.8

145 32.8 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

