

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015582.D
 Acq On : 08 Apr 2020 20:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 06:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1020367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1573093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1476000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	816646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	697275	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.47	113	513178	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.70	98	1877668	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.12	95	777111	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	432757	48.140	ug/l	100
3) Chloromethane	1.31	50	508829	44.446	ug/l	98
4) Vinyl Chloride	1.39	62	515550	49.044	ug/l	98
5) Bromomethane	1.62	94	214953	43.272	ug/l	98
6) Chloroethane	1.70	64	324869	49.830	ug/l	100
7) Trichlorofluoromethane	1.91	101	722109	51.223	ug/l	99
8) Diethyl Ether	2.17	74	291308	48.991	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	460058	50.060	ug/l	99
10) Methyl Iodide	2.49	142	483793	39.045	ug/l	100
11) Tert butyl alcohol	3.02	59	761173	220.975	ug/l	99
12) 1,1-Dichloroethene	2.36	96	458791	47.625	ug/l	97
13) Acrolein	2.27	56	644323	328.368	ug/l	100
14) Allyl chloride	2.70	41	1008097	44.786	ug/l	98
15) Acrylonitrile	3.12	53	1519218	231.267	ug/l	100
16) Acetone	2.42	43	1401596	226.694	ug/l	98
17) Carbon Disulfide	2.55	76	1269594	43.202	ug/l	99
18) Methyl Acetate	2.75	43	748955	47.462	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1752892	46.916	ug/l	100
20) Methylene Chloride	2.83	84	527967	45.717	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	500750	46.838	ug/l	99
22) Diisopropyl ether	3.83	45	1903048	47.712	ug/l	97
23) Vinyl Acetate	3.79	43	8411232	232.914	ug/l	99
24) 1,1-Dichloroethane	3.67	63	976248	46.487	ug/l	99
25) 2-Butanone	4.64	43	2235435	224.820	ug/l	97
26) 2,2-Dichloropropane	4.56	77	745391	43.242	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	594357	48.052	ug/l	99
28) Bromochloromethane	4.98	49	474091	47.283	ug/l	95
29) Tetrahydrofuran	5.09	42	1453599	227.401	ug/l	99
30) Chloroform	5.18	83	969948	48.007	ug/l	95
31) Cyclohexane	5.55	56	871087	47.815	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	896136	49.010	ug/l	99
36) 1,1-Dichloropropene	5.77	75	718830	49.594	ug/l	99
37) Ethyl Acetate	4.80	43	889125	47.112	ug/l	100
38) Carbon Tetrachloride	5.76	117	783775	49.926	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	844343	50.523	ug/l	99
40) Benzene	6.12	78	2100258	49.467	ug/l	98
41) Methacrylonitrile	5.01	41	511605	48.833	ug/l	99
42) 1,2-Dichloroethane	6.17	62	853661	50.055	ug/l	100
43) Isopropyl Acetate	6.42	43	1505320	47.250	ug/l	99
44) Trichloroethene	7.19	130	578926	49.997	ug/l	99
45) 1,2-Dichloropropane	7.50	63	568377	48.936	ug/l	99
46) Dibromomethane	7.64	93	371080	48.704	ug/l	97
47) Bromodichloromethane	7.88	83	794763	48.955	ug/l	99
48) Methyl methacrylate	7.75	41	767591	48.236	ug/l	99
49) 1,4-Dioxane	7.72	88	287722	969.218	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4450085	246.472	ug/l	100
52) Toluene	8.77	92	1334566	50.984	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	882668	46.358	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	928016	47.847	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	546025	50.914	ug/l	98
56) Ethyl methacrylate	9.16	69	922444	48.805	ug/l	99
57) 1,3-Dichloropropane	9.36	76	935967	48.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2290537	249.151	ug/l	99
59) 2-Hexanone	9.48	43	3395920	249.128	ug/l	100
60) Dibromochloromethane	9.57	129	628406	48.763	ug/l	98
61) 1,2-Dibromoethane	9.65	107	578090	49.574	ug/l	98
64) Tetrachloroethene	9.32	164	560328	50.303	ug/l	96
65) Chlorobenzene	10.12	112	1455154	49.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	581402	49.440	ug/l	100
67) Ethyl Benzene	10.24	91	2580586	49.430	ug/l	100
68) m/p-Xylenes	10.34	106	1986020	102.160	ug/l	98
69) o-Xylene	10.68	106	962869	50.123	ug/l	99
70) Styrene	10.70	104	1652301	48.879	ug/l	99
71) Bromoform	10.84	173	508435	47.493	ug/l #	100
73) Isopropylbenzene	11.01	105	2587679	48.360	ug/l	99
74) N-amyl acetate	10.89	43	1308097	43.954	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	835886	45.526	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1007718	60.006	ug/l	83
77) Bromobenzene	11.24	156	694967	48.692	ug/l	94
78) n-propylbenzene	11.35	91	2928009	47.855	ug/l	100
79) 2-Chlorotoluene	11.40	91	1762740	47.004	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2182078	47.750	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	285430	40.782	ug/l	97
82) 4-Chlorotoluene	11.49	91	2073369	47.161	ug/l	99
83) tert-Butylbenzene	11.76	119	2171948	48.658	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2227757	47.839	ug/l	100
85) sec-Butylbenzene	11.93	105	2457969	47.613	ug/l	98
86) p-Isopropyltoluene	12.05	119	2355545	49.150	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1237452	48.431	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1238497	47.587	ug/l	99
89) n-Butylbenzene	12.37	91	2067983	47.750	ug/l	99
90) Hexachloroethane	12.58	117	419974	45.023	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1239431	49.567	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	220047	42.462	ug/l	97

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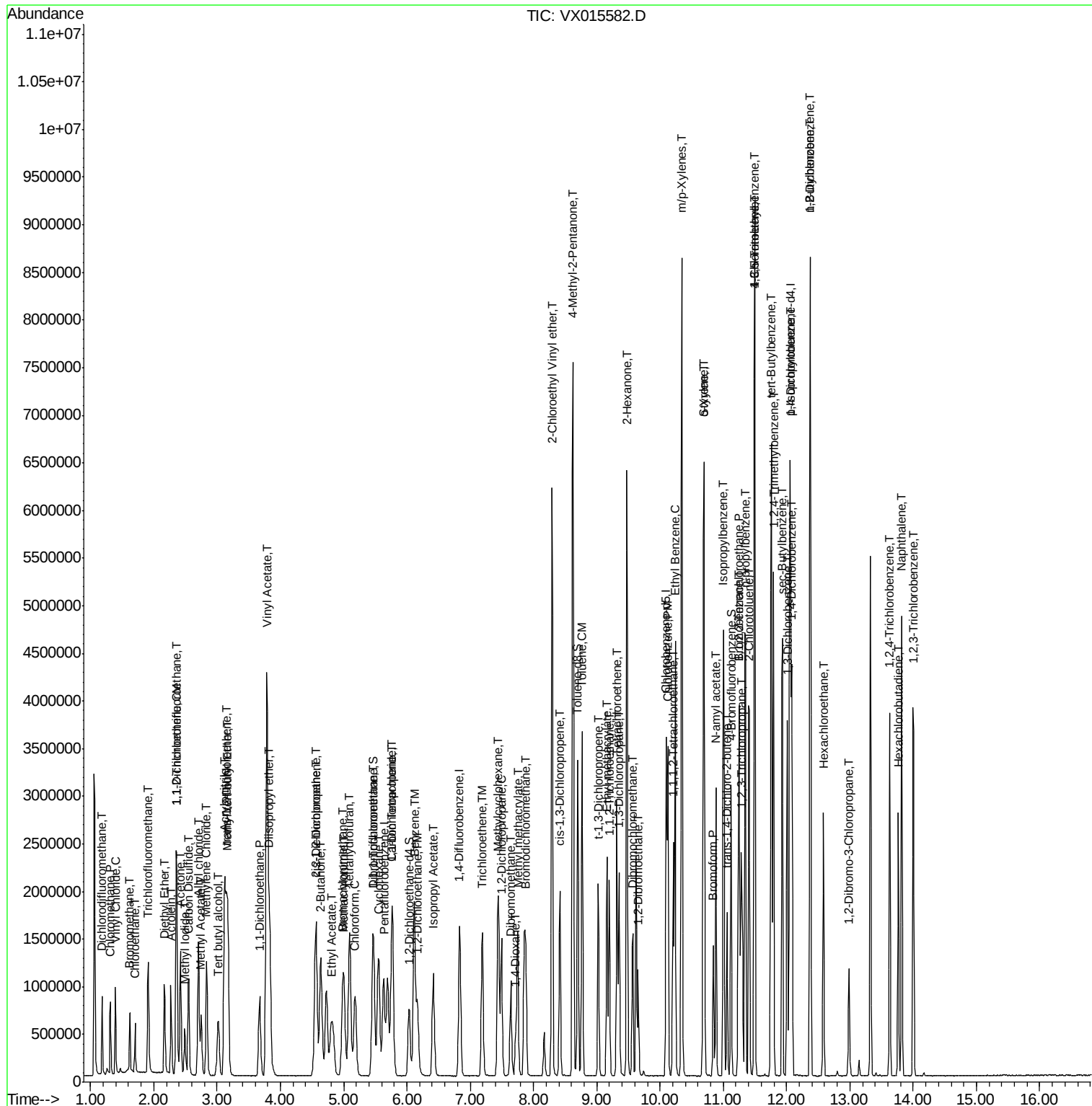
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

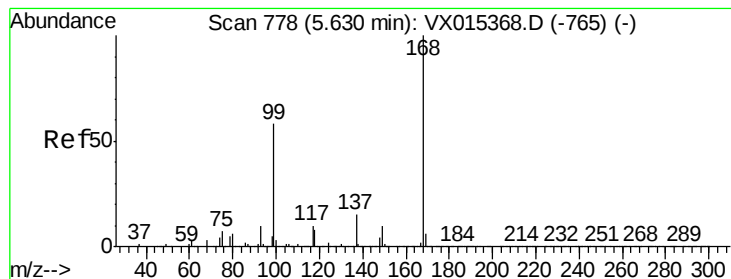
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	928007	46.919	ug/l	97
94) Hexachlorobutadiene	13.76	225	430232	45.687	ug/l	97
95) Naphthalene	13.82	128	2867257	47.524	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	960833	50.456	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

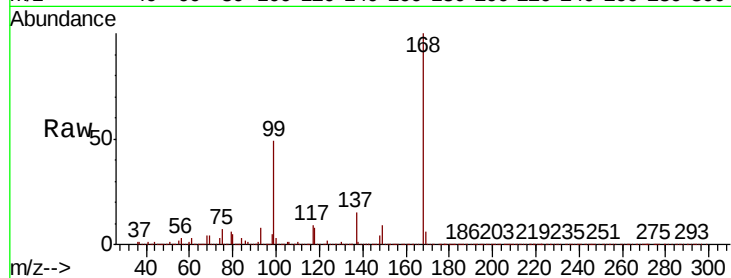
VSTDCCC050EC

Tot Ion:168 Resp: 1020367

Ion Ratio Lower Upper

168 100

99 49.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

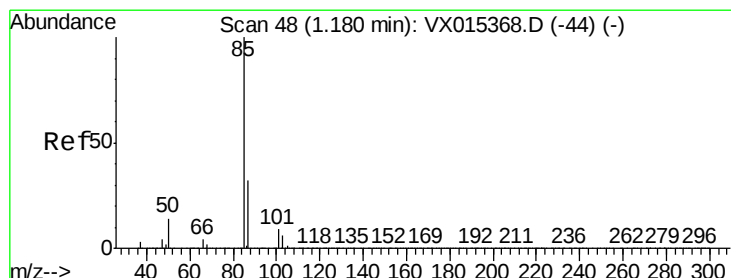
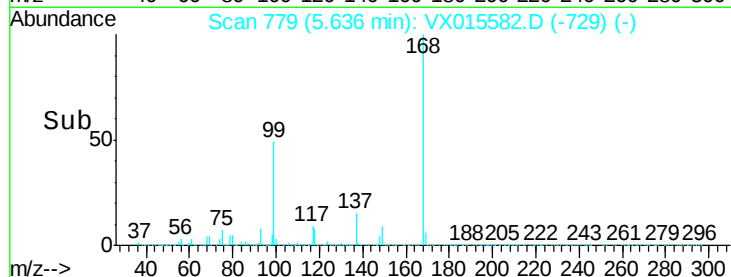
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.140 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015582.D

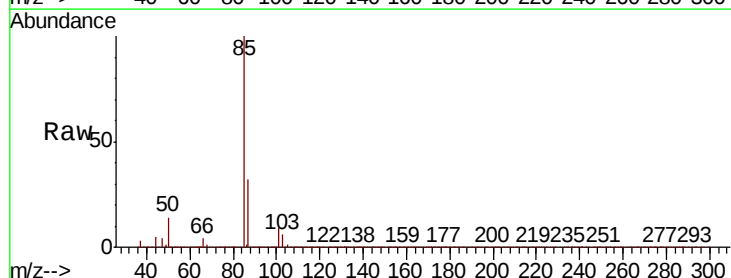
Acq: 08 Apr 2020 20:11

Tgt Ion: 85 Resp: 432757

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

300000

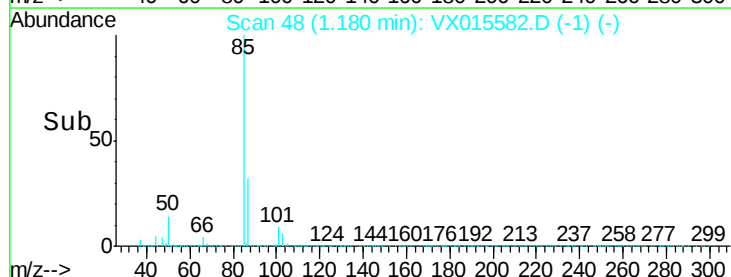
200000

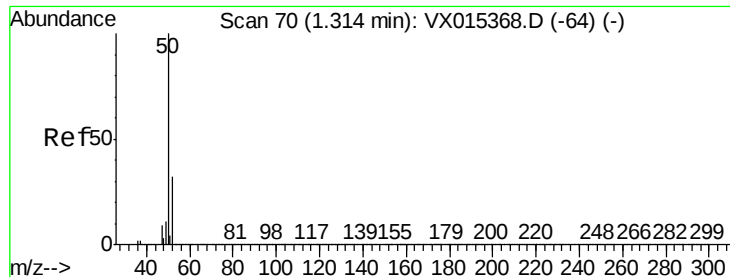
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->

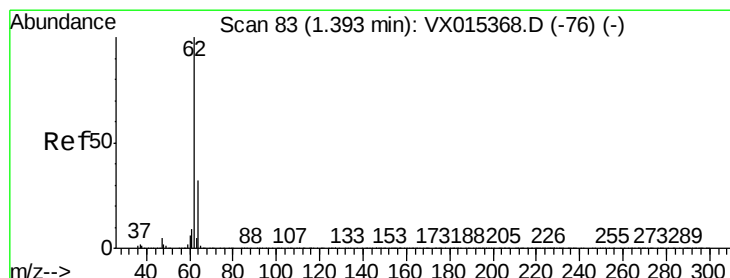
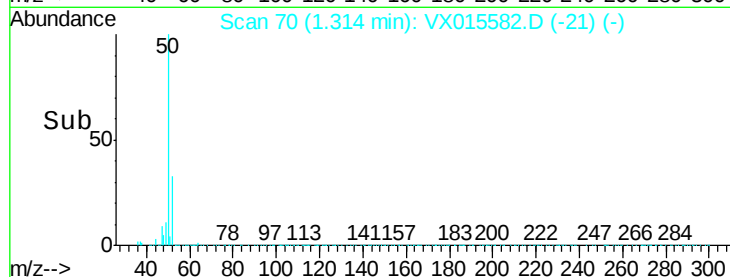
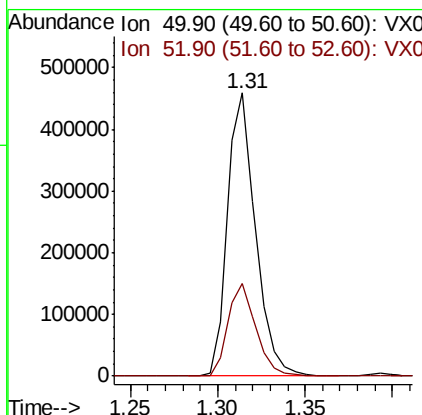
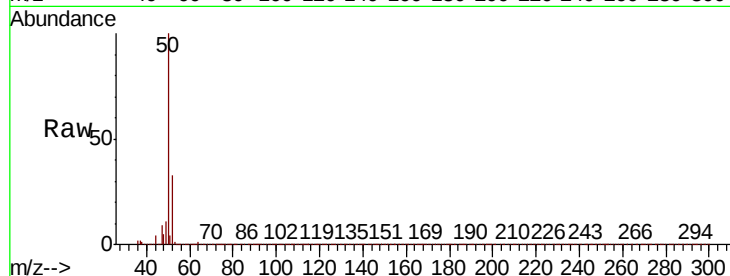




#3
Chloromethane
Concen: 44.446 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

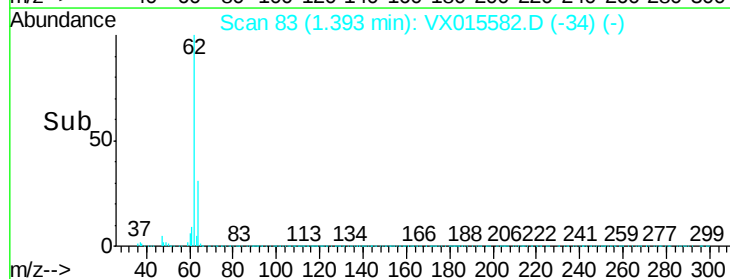
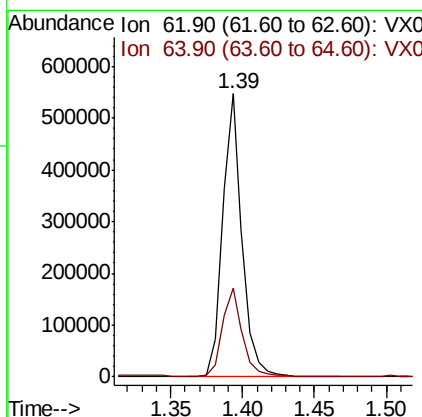
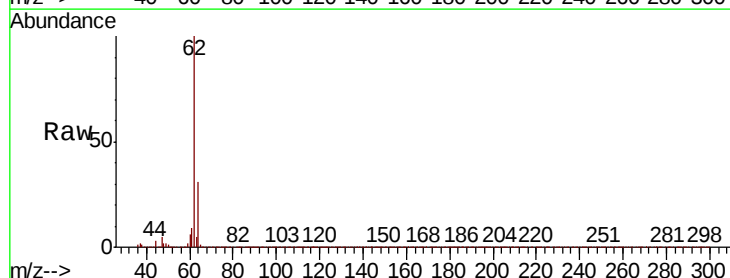
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

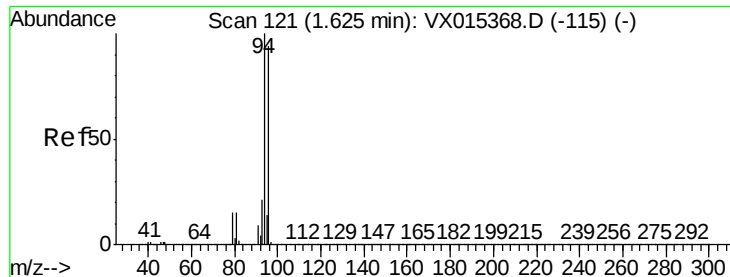
Tot Ion: 50 Resp: 508829
Ion Ratio Lower Upper
50 100
52 32.8 25.3 37.9



#4
Vinyl Chloride
Concen: 49.044 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 62 Resp: 515550
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5

Bromomethane

Concen: 43.272 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

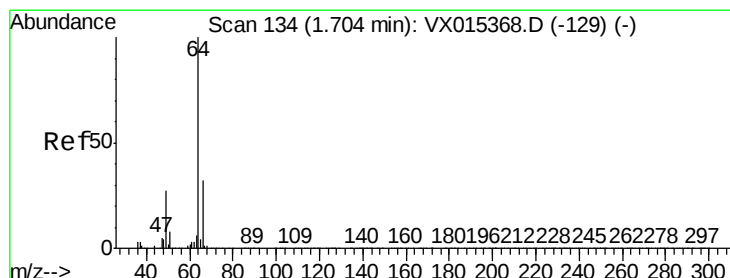
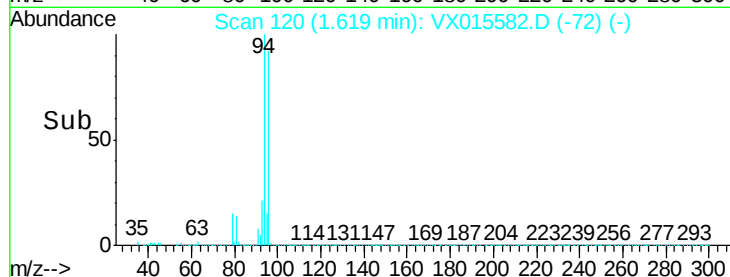
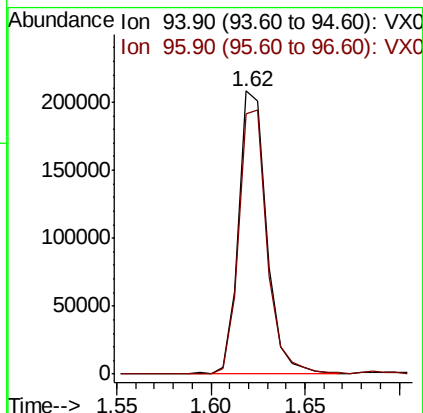
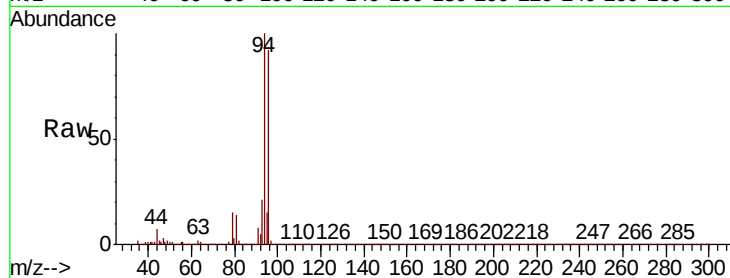
VSTDCCC050EC

Tot Ion: 94 Resp: 214953

Ion Ratio Lower Upper

94 100

96 91.7 74.8 112.2



#6

Chloroethane

Concen: 49.830 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015582.D

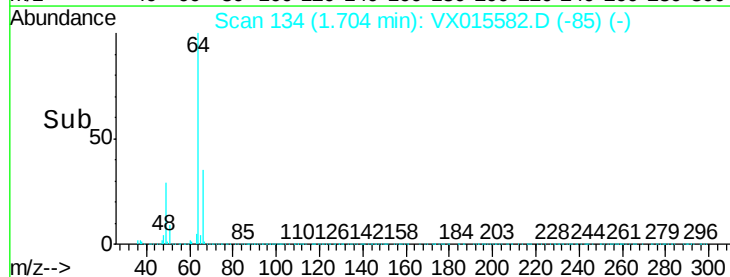
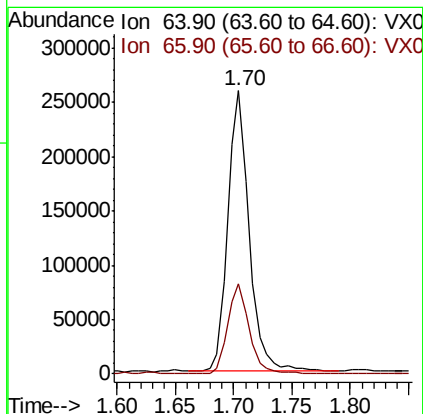
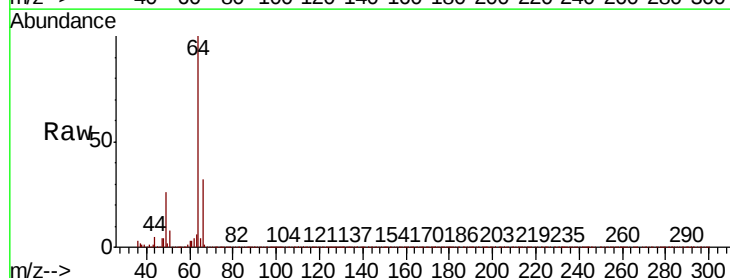
Acq: 08 Apr 2020 20:11

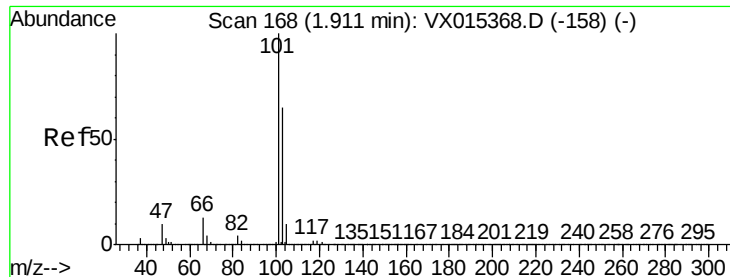
Tgt Ion: 64 Resp: 324869

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2



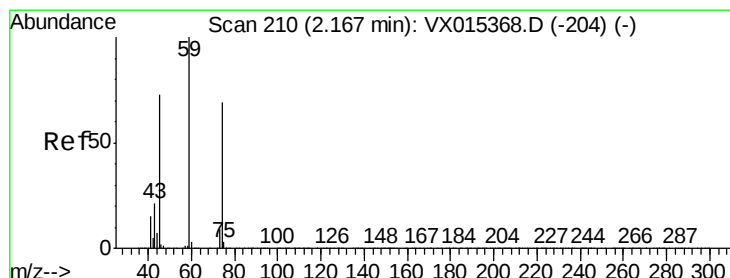
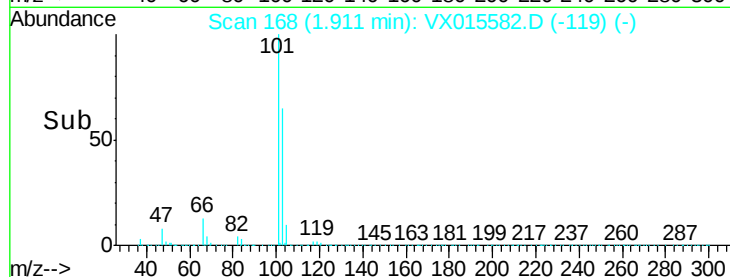
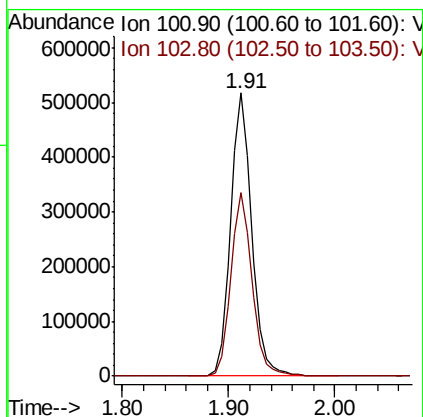
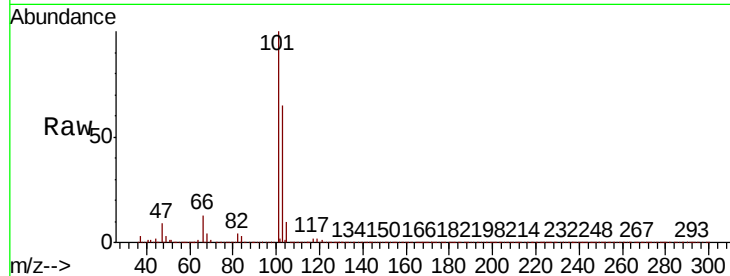


#7

Trichlorofluoromethane
Concen: 51.223 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Instrument :
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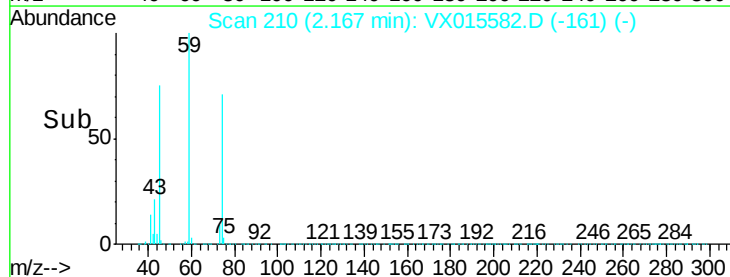
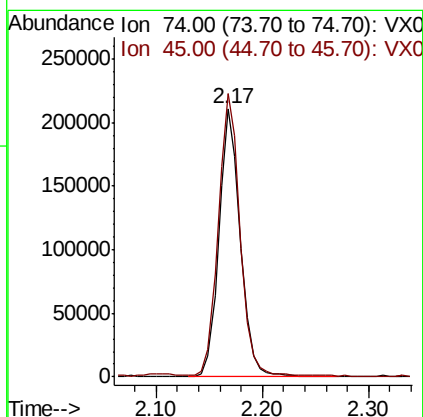
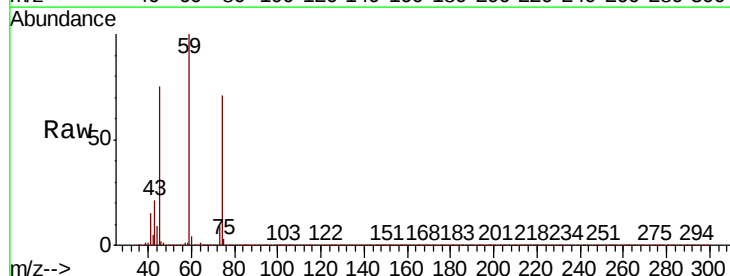
Tot Ion:101 Resp: 722109
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

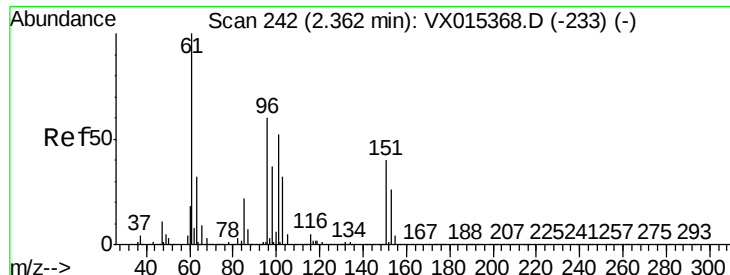


#8

Diethyl Ether
Concen: 48.991 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 74 Resp: 291308
Ion Ratio Lower Upper
74 100
45 107.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.060 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

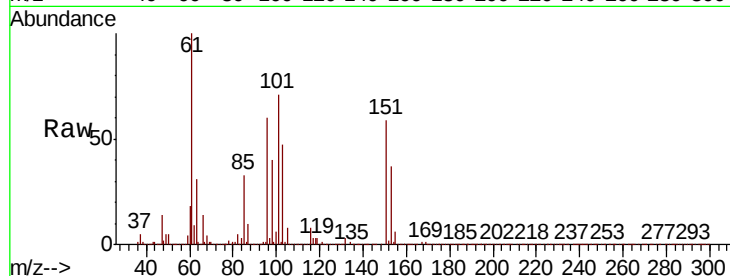
Tot Ion:101 Resp: 460058

Ion Ratio Lower Upper

101 100

85 44.2 35.0 52.4

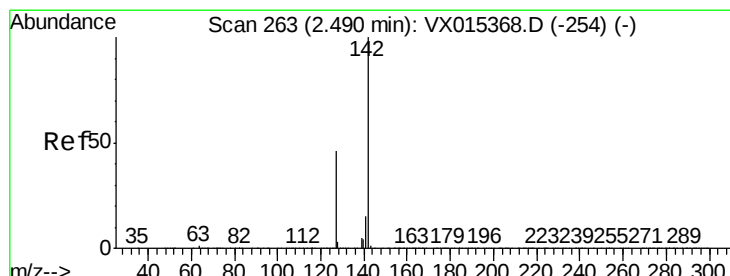
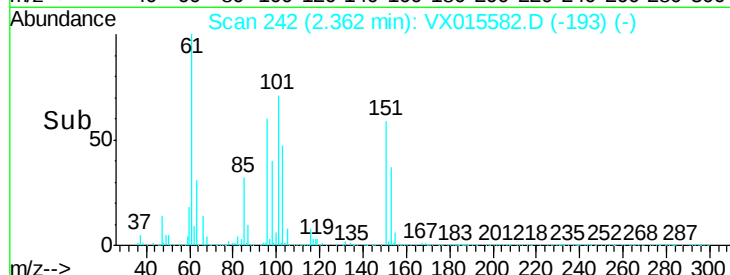
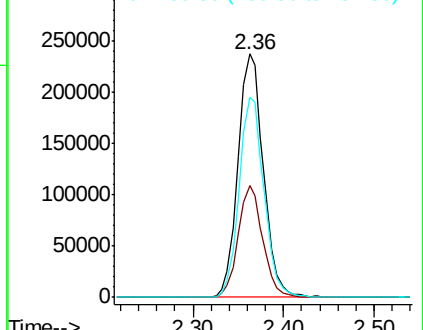
151 80.7 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.045 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

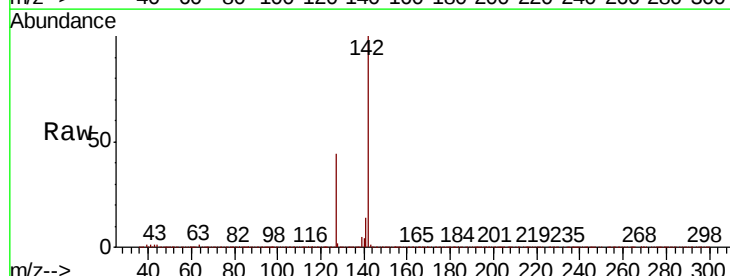
Tgt Ion:142 Resp: 483793

Ion Ratio Lower Upper

142 100

127 45.0 35.9 53.9

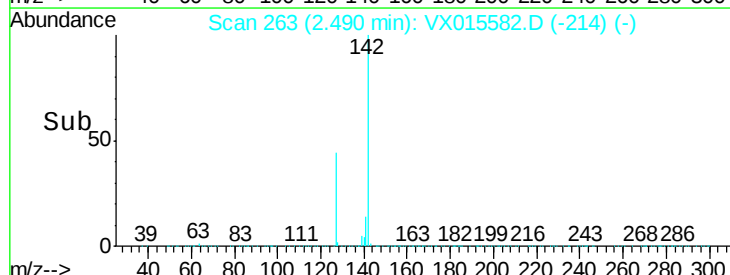
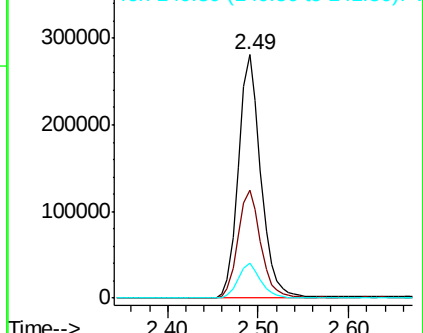
141 14.1 11.6 17.4

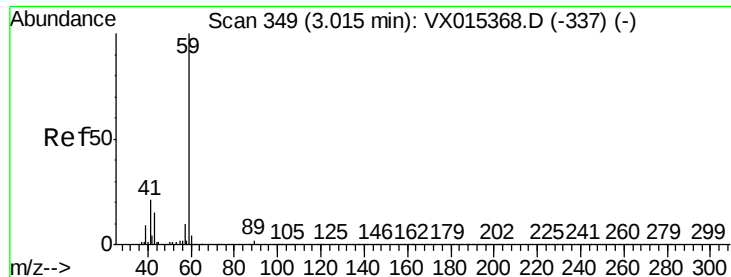


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



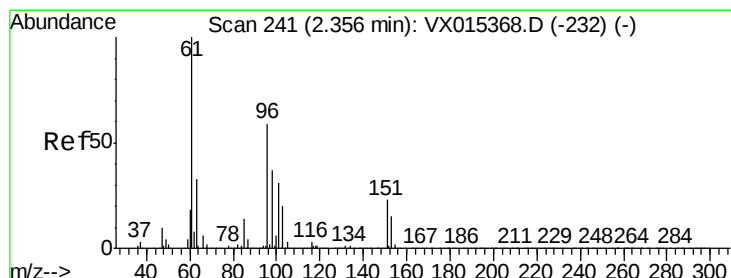
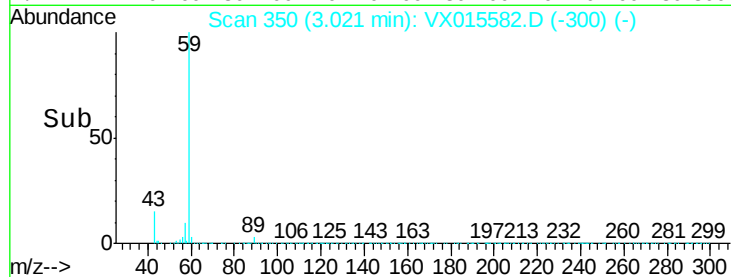
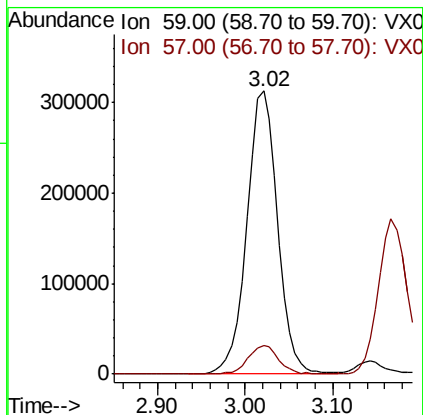
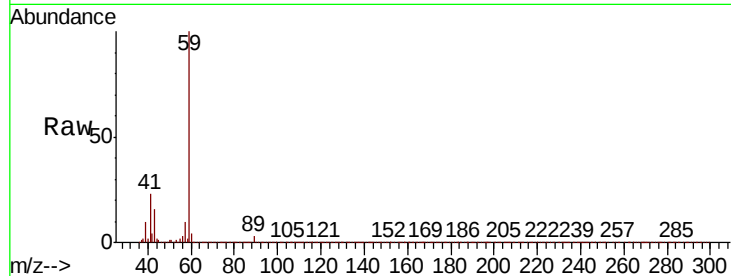


#11

Tert butyl alcohol
Concen: 220.975 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

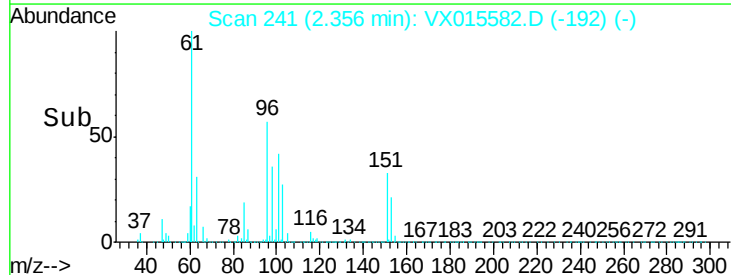
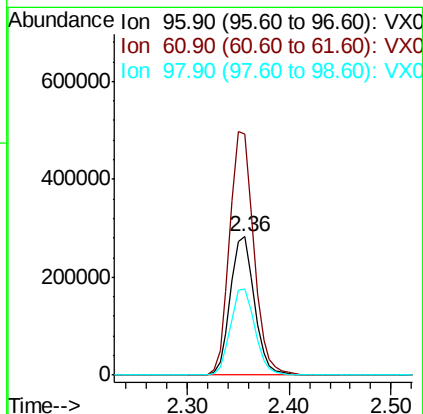
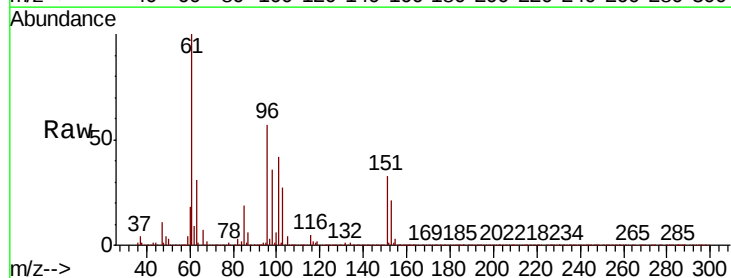
Tot Ion: 59 Resp: 761173
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12

1,1-Dichloroethene
Concen: 47.625 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 96 Resp: 458791
Ion Ratio Lower Upper
96 100
61 174.5 135.7 203.5
98 62.1 50.6 75.8

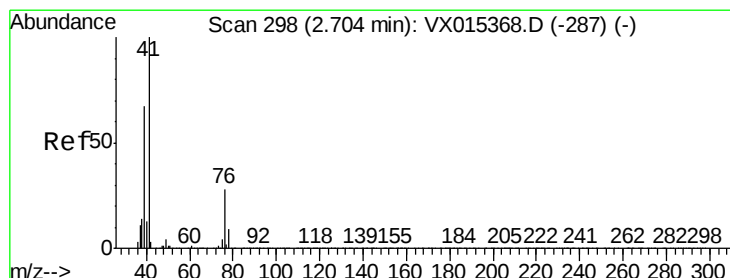
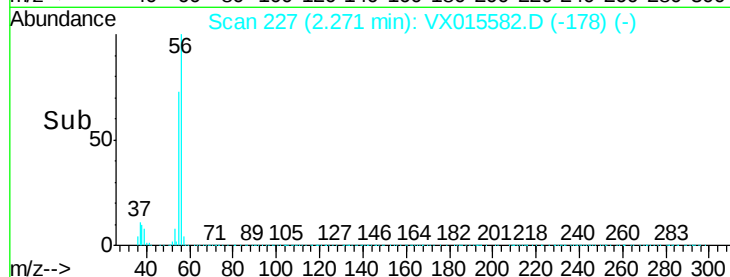
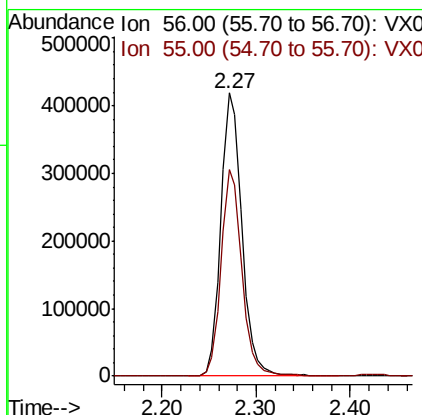
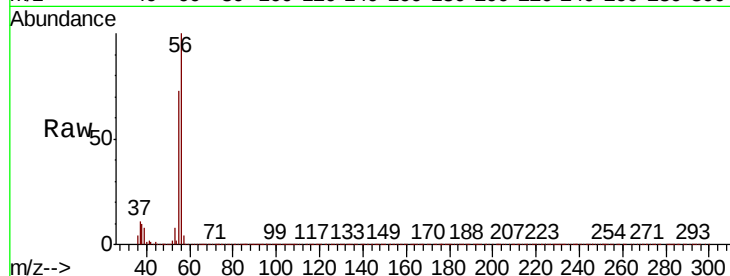




#13
Acrolein
Concen: 328.368 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

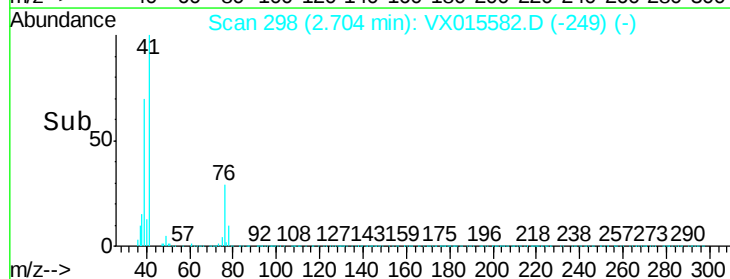
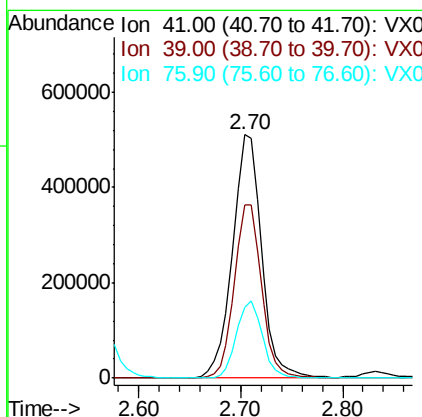
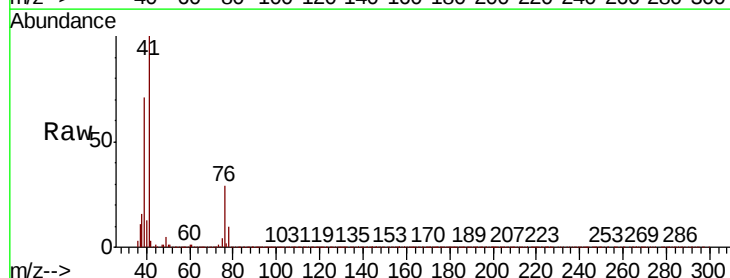
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

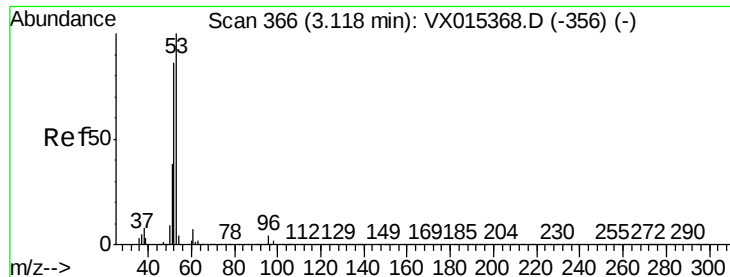
Tot Ion: 56 Resp: 644323
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4



#14
Allyl chloride
Concen: 44.786 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 41 Resp: 1008097
Ion Ratio Lower Upper
41 100
39 66.4 51.4 77.0
76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 231.267 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

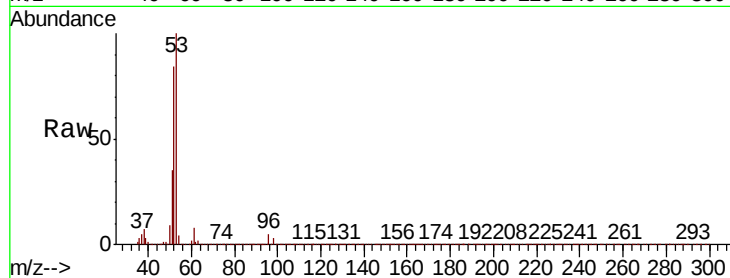
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1519218

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	36.9	29.5	44.3

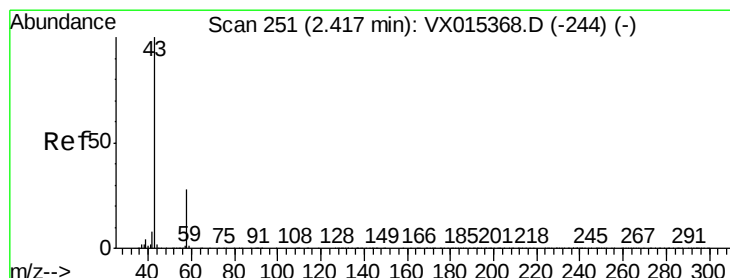
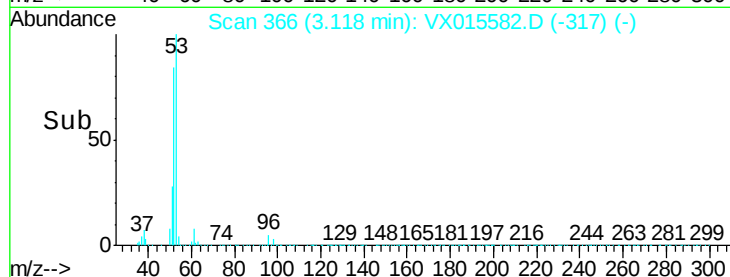
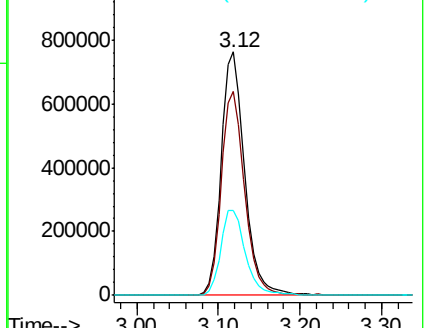


Abundance

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: 226.694 ug/l

RT: 2.42 min Scan# 252

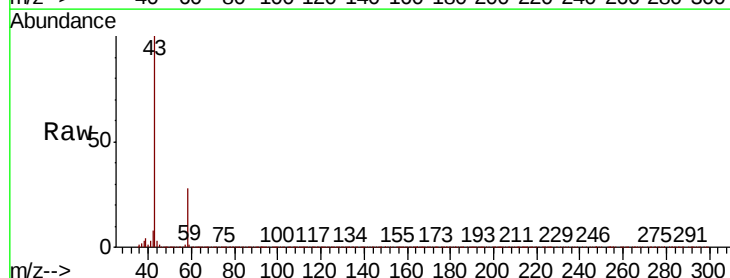
Delta R.T. 0.01 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Tgt Ion: 43 Resp: 1401596

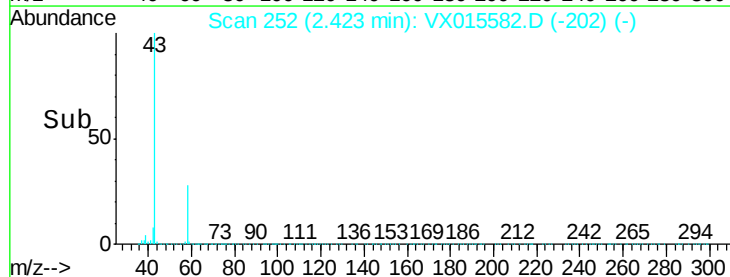
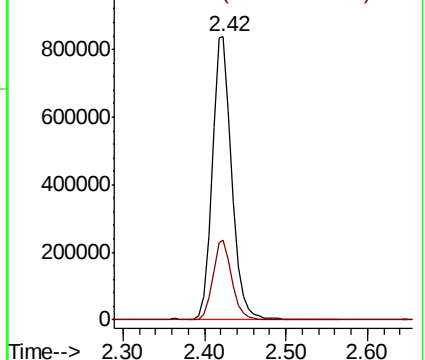
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1

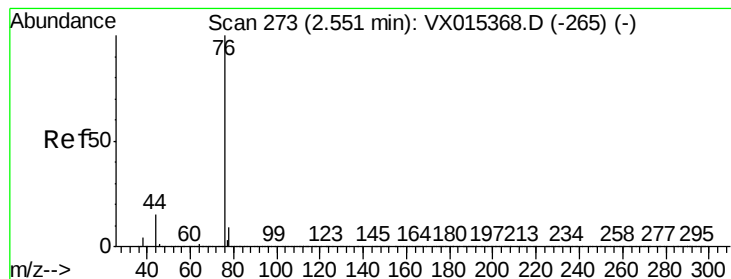


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.202 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

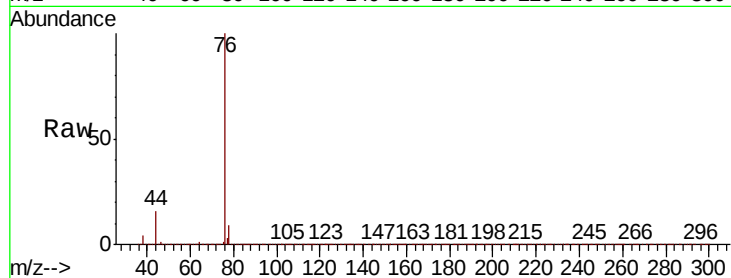
VSTDCCC050EC

Tot Ion: 76 Resp: 1269594

Ion Ratio Lower Upper

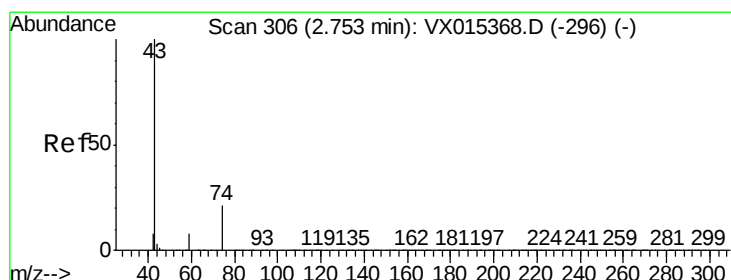
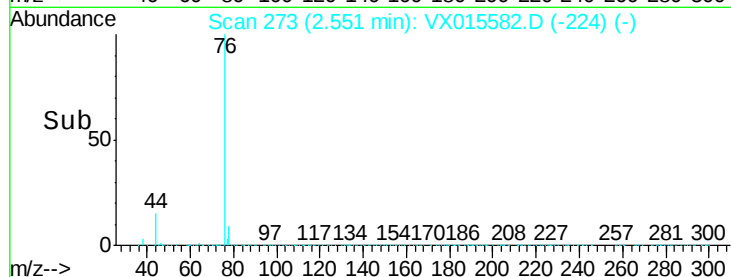
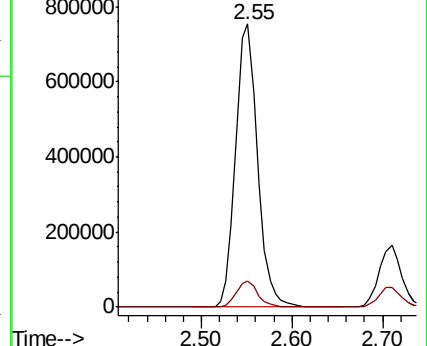
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.462 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015582.D

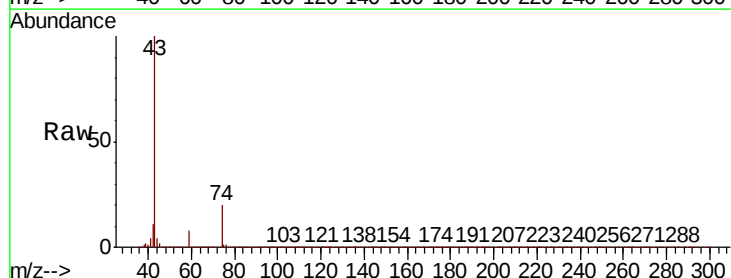
Acq: 08 Apr 2020 20:11

Tgt Ion: 43 Resp: 748955

Ion Ratio Lower Upper

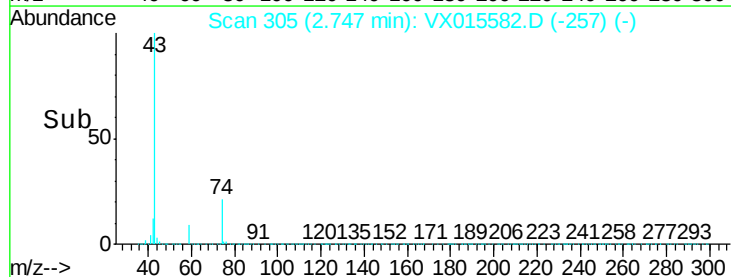
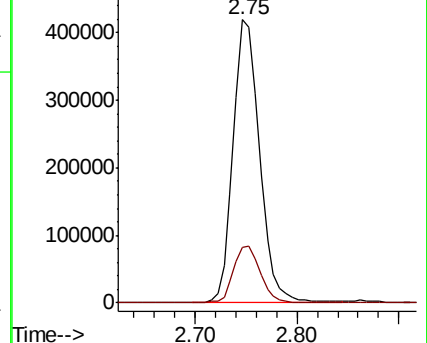
43 100

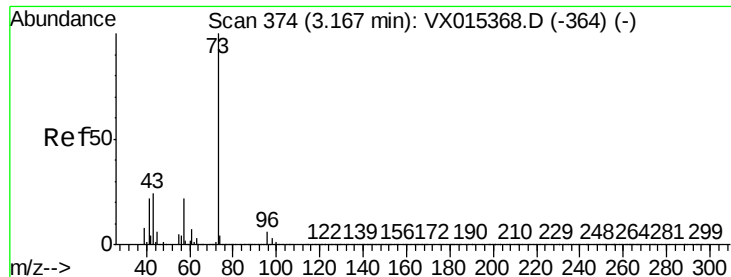
74 20.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



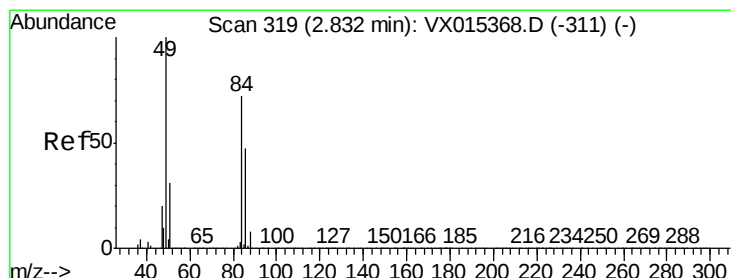
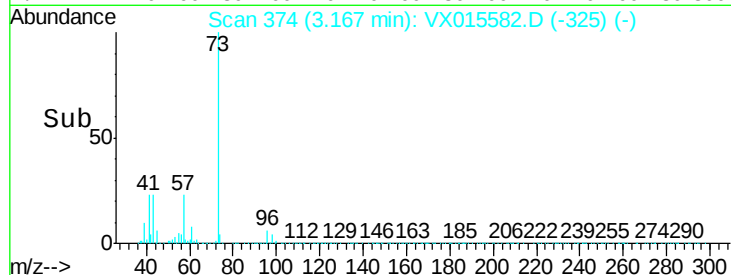
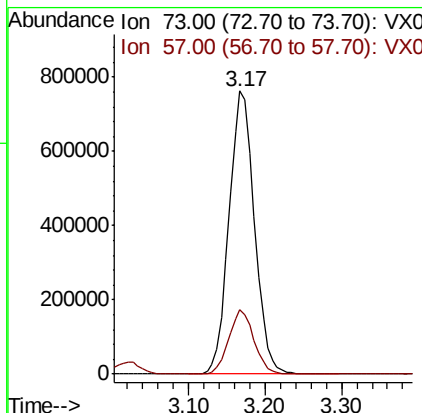
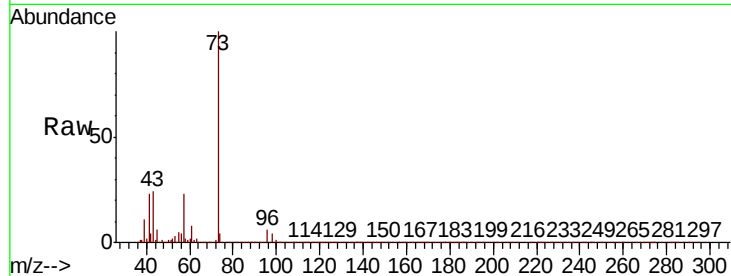


#19

Methyl tert-butyl Ether
 Concen: 46.916 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

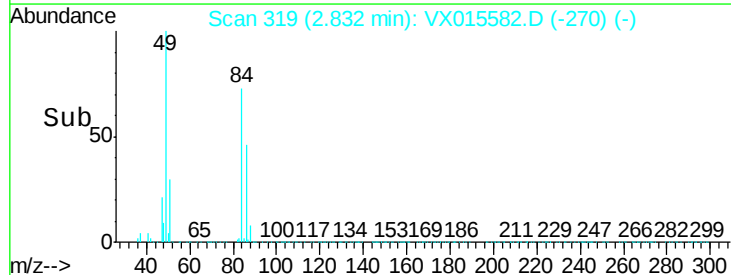
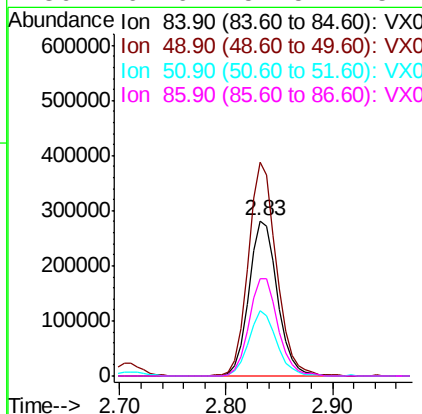
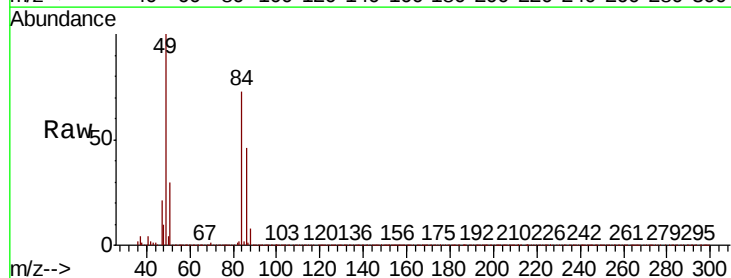
Tot Ion: 73 Resp: 1752892
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.9 26.9



#20

Methylene Chloride
 Concen: 45.717 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion: 84 Resp: 527967
 Ion Ratio Lower Upper
 84 100
 49 137.3 111.3 166.9
 51 41.6 34.0 51.0
 86 62.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.838 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

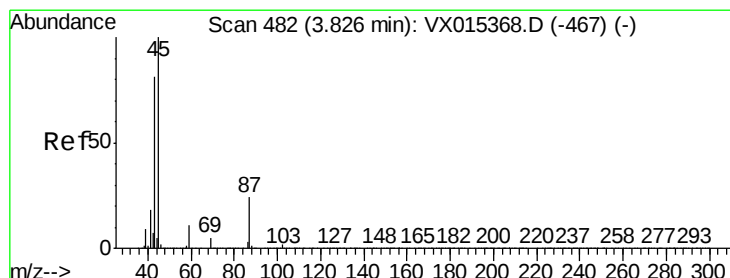
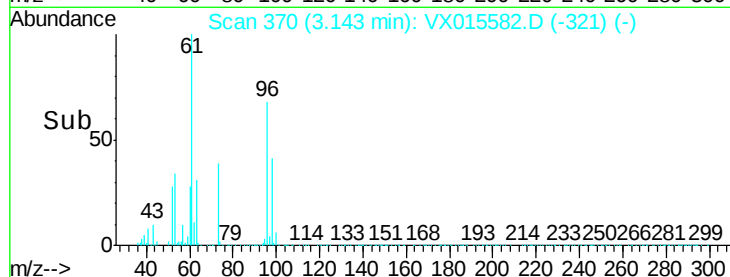
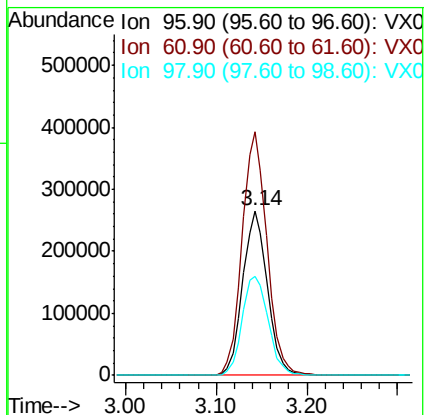
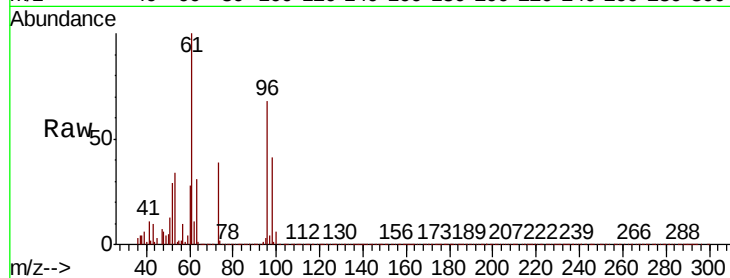
Tot Ion: 96 Resp: 500750

Ion Ratio Lower Upper

96 100

61 147.9 116.9 175.3

98 60.4 48.6 73.0



#22

Diisopropyl ether

Concen: 47.712 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Tgt Ion: 45 Resp: 1903048

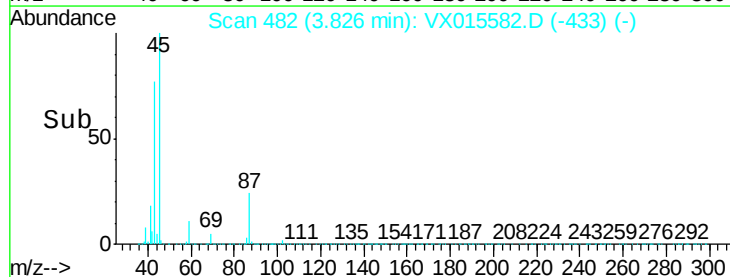
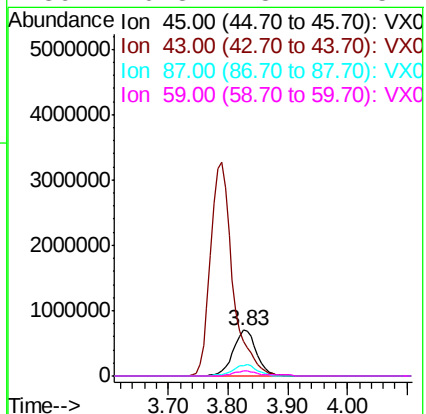
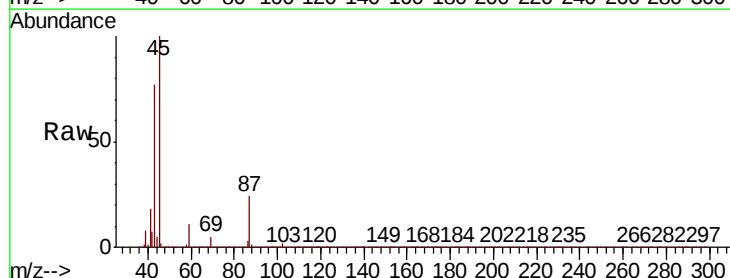
Ion Ratio Lower Upper

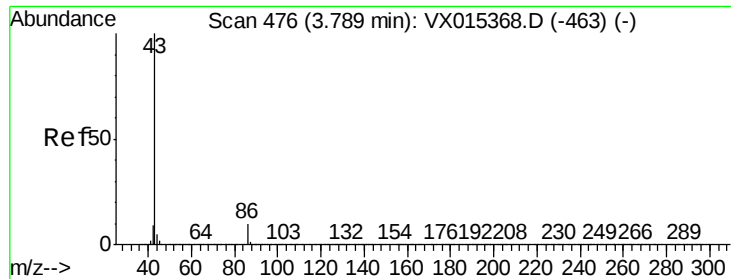
45 100

43 77.0 64.7 97.1

87 23.5 19.4 29.0

59 10.8 8.7 13.1

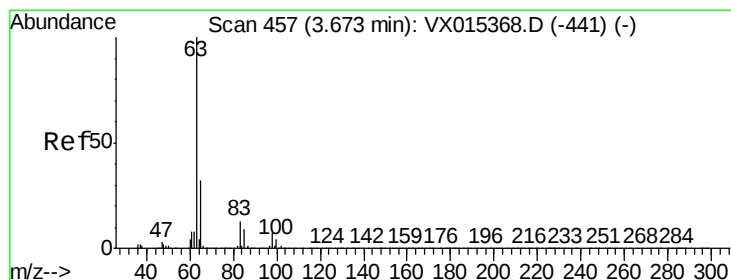
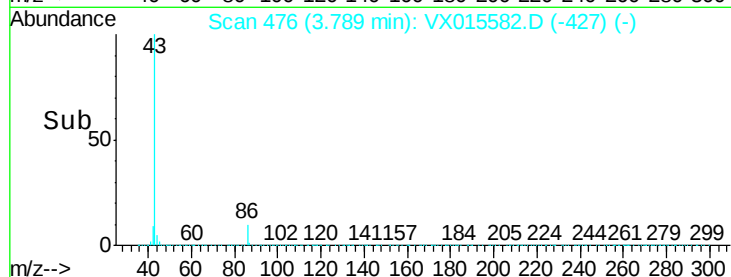
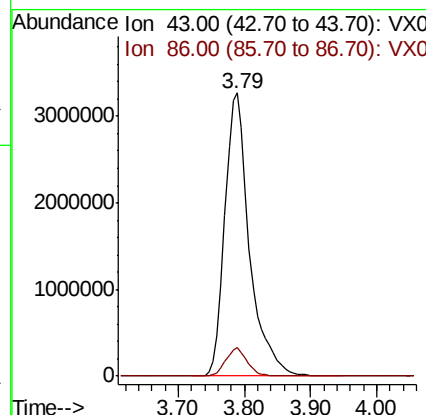
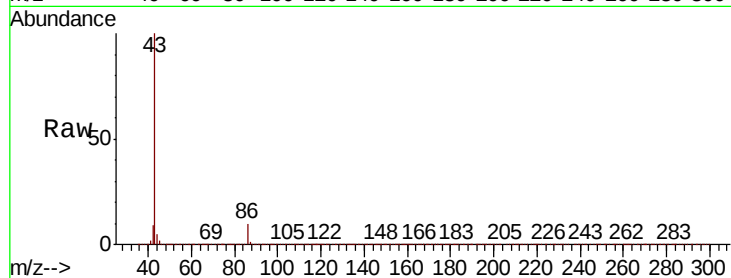




#23
 Vinyl Acetate
 Concen: 232.914 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

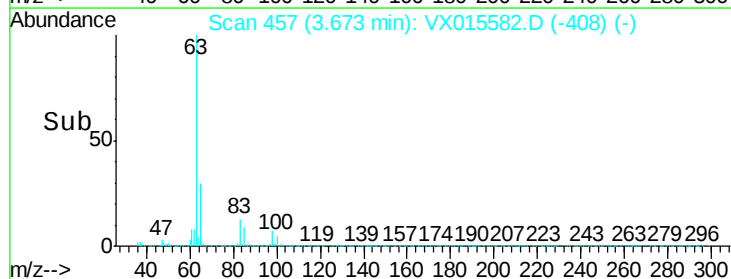
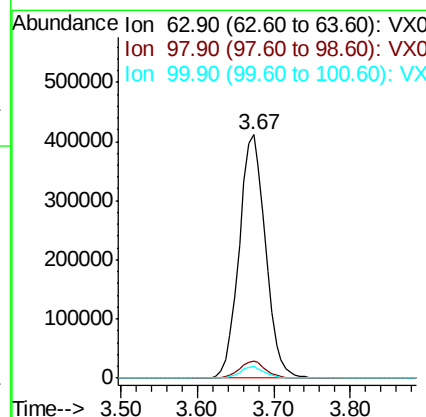
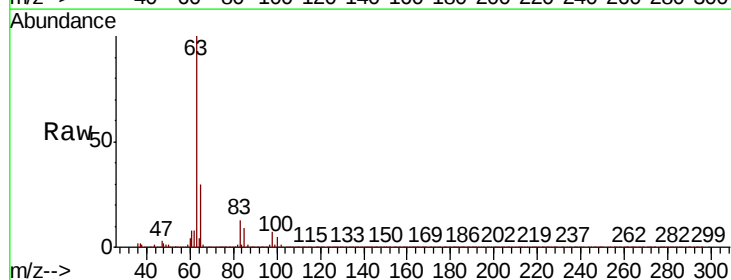
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

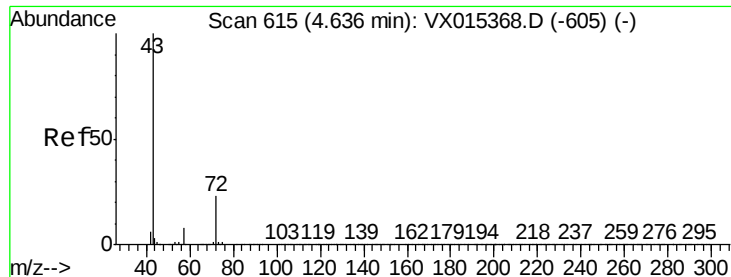
Tot Ion: 43 Resp: 8411232
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 46.487 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion: 63 Resp: 976248
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 224.820 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

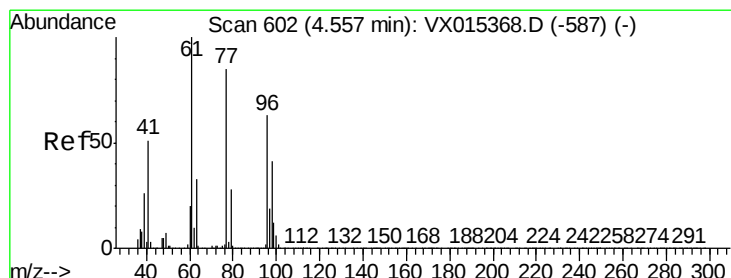
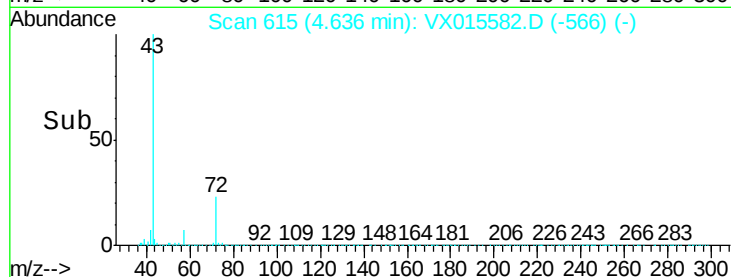
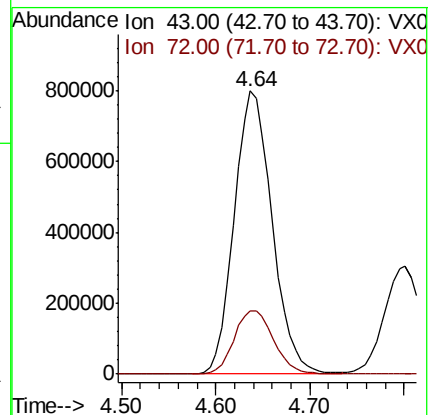
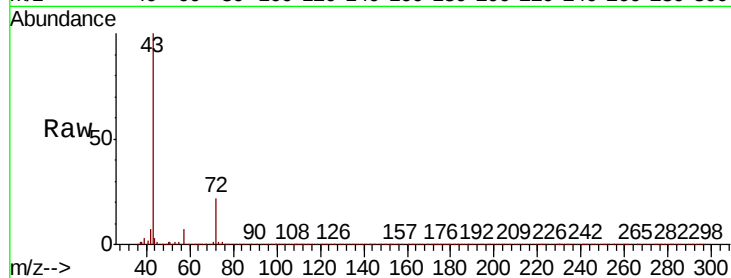
VSTDCCC050EC

Tot Ion: 43 Resp: 2235435

Ion Ratio Lower Upper

43 100

72 22.4 19.0 28.4



#26

2,2-Dichloropropane

Concen: 43.242 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015582.D

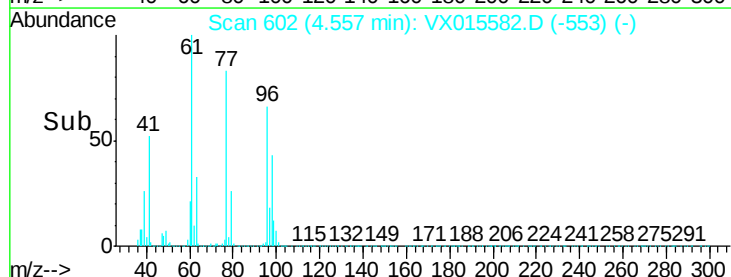
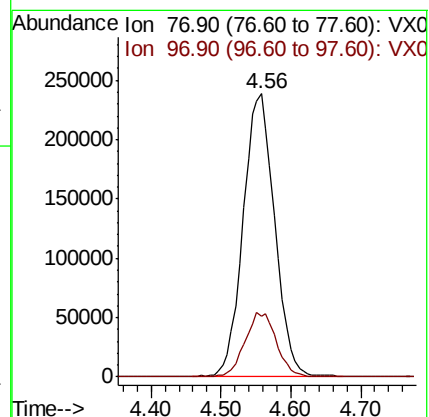
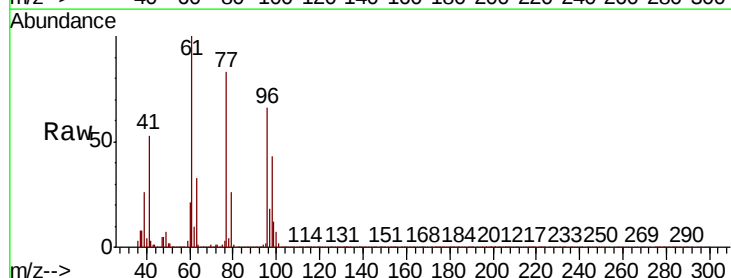
Acq: 08 Apr 2020 20:11

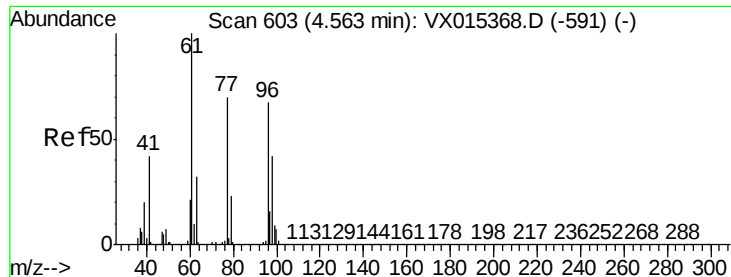
Tgt Ion: 77 Resp: 745391

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8



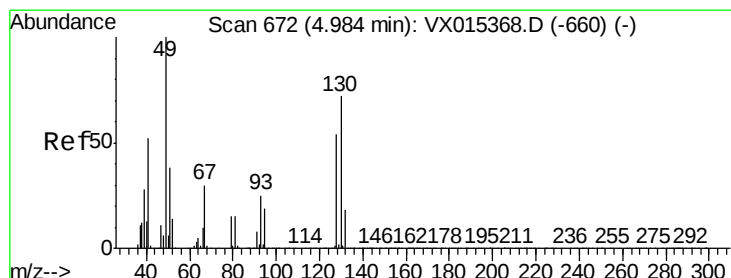
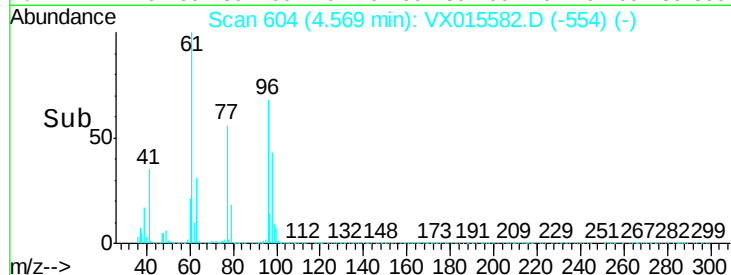
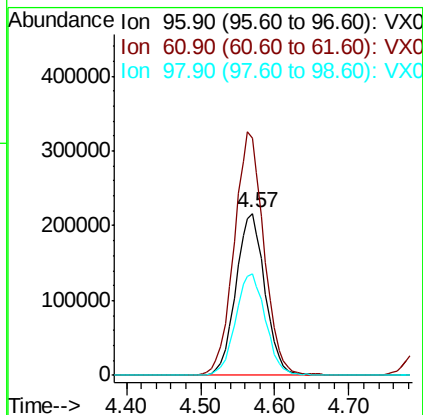
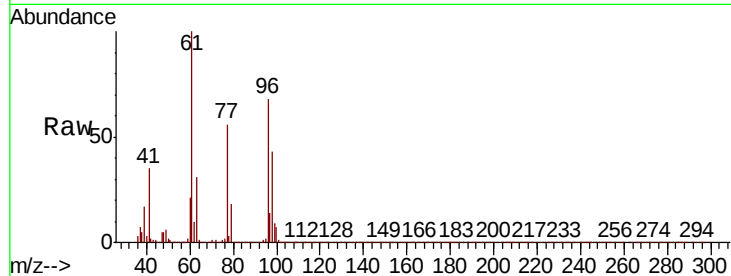


#27

cis-1,2-Dichloroethene
Concen: 48.052 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

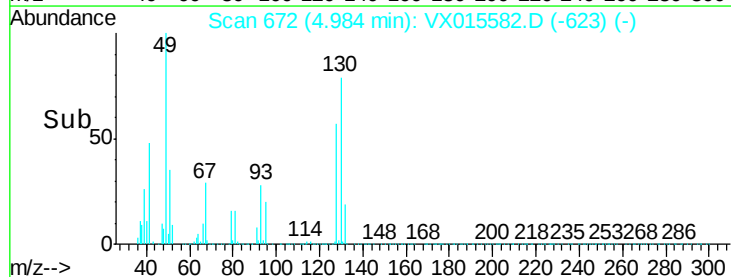
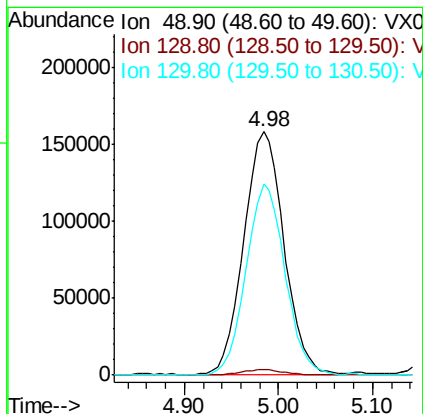
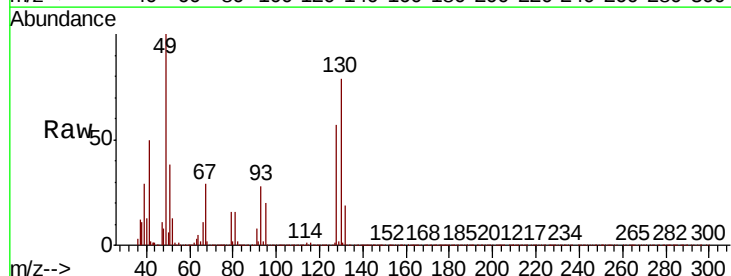
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	308.4
98	64.5	0.0	129.2

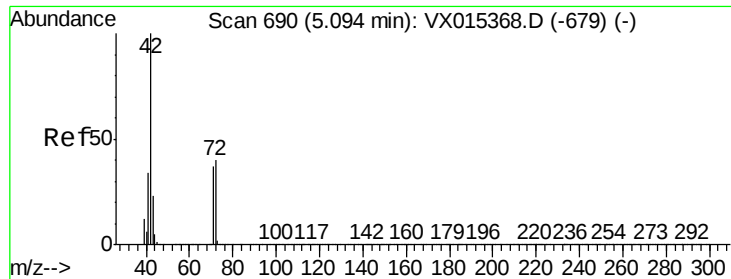


#28

Bromochloromethane
Concen: 47.283 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.1	57.7	86.5





#29

Tetrahydrofuran

Concen: 227.401 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

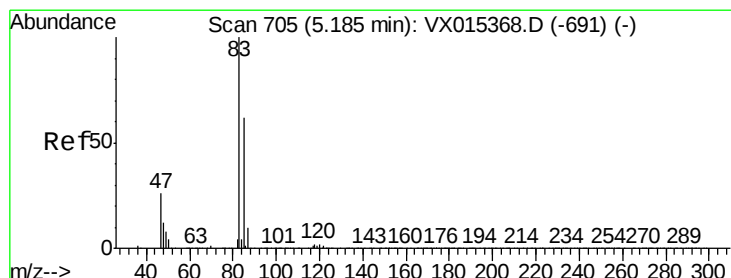
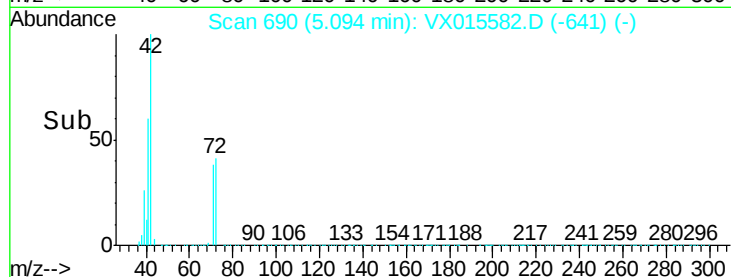
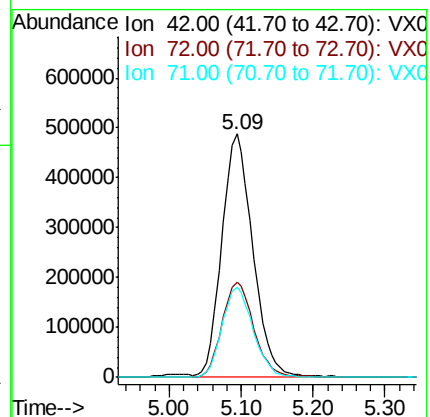
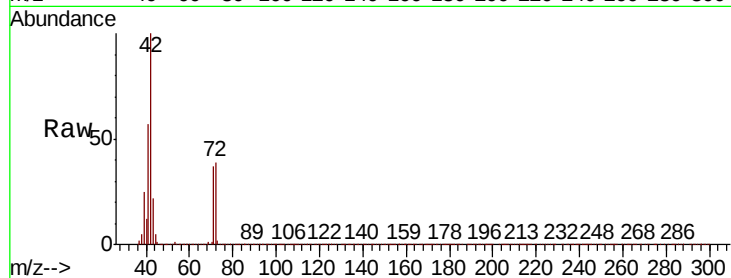
Tot Ion: 42 Resp: 1453599

Ion Ratio Lower Upper

42 100

72 40.2 31.7 47.5

71 37.3 29.6 44.4



#30

Chloroform

Concen: 48.007 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015582.D

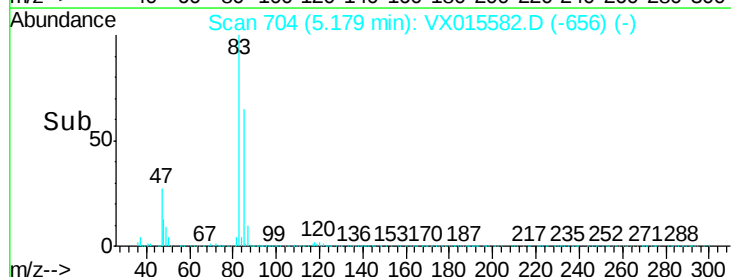
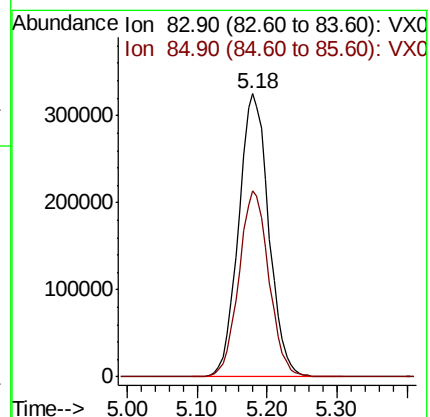
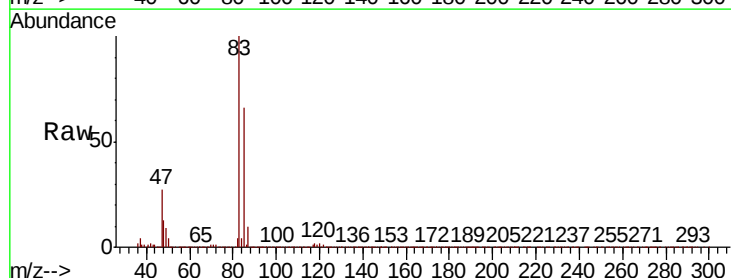
Acq: 08 Apr 2020 20:11

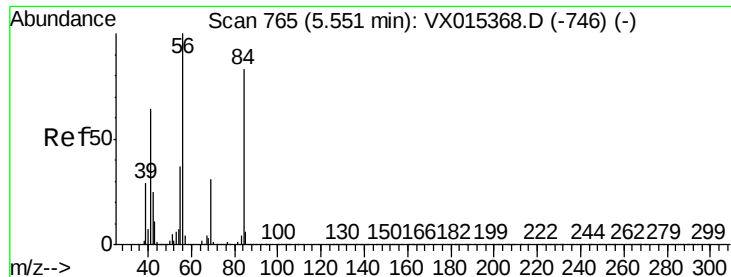
Tgt Ion: 83 Resp: 969948

Ion Ratio Lower Upper

83 100

85 65.6 49.5 74.3





#31

Cyclohexane

Concen: 47.815 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

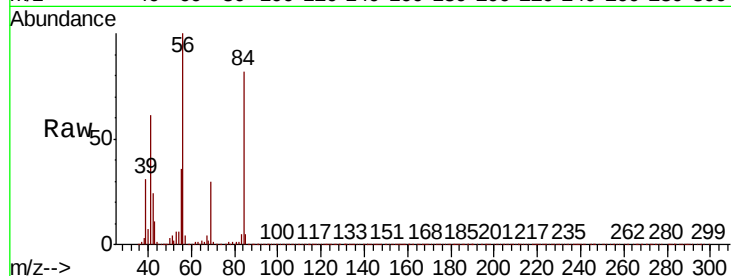
Tot Ion: 56 Resp: 871087

Ion Ratio Lower Upper

56 100

69 29.4 24.6 36.8

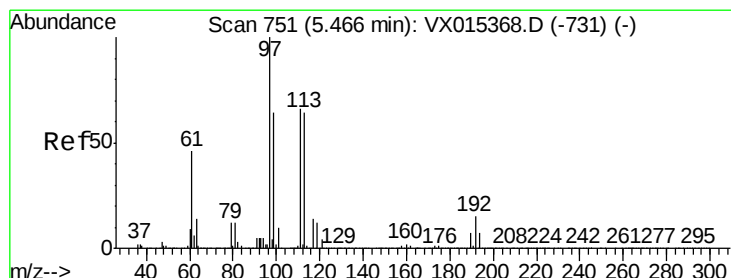
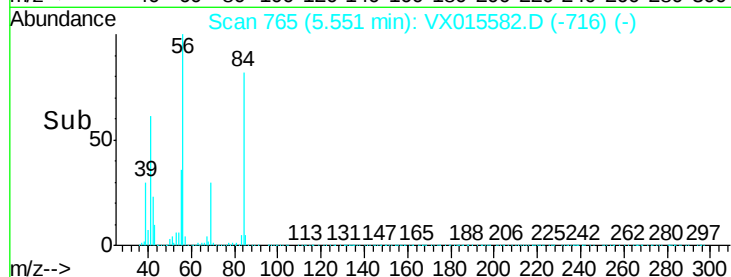
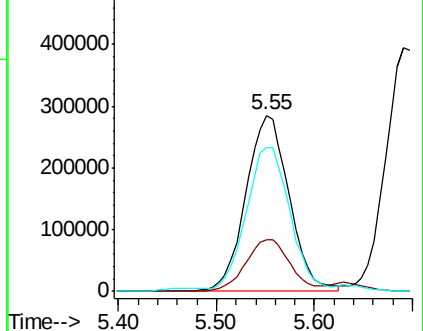
84 79.8 66.1 99.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.010 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

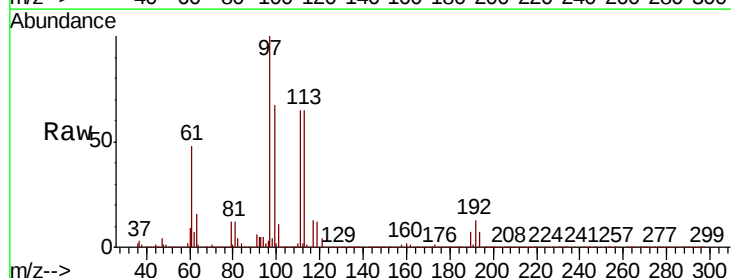
Tgt Ion: 97 Resp: 896136

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

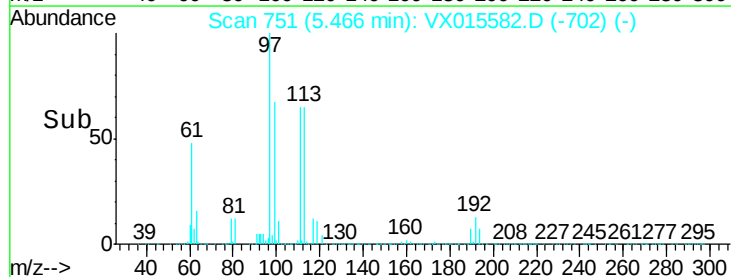
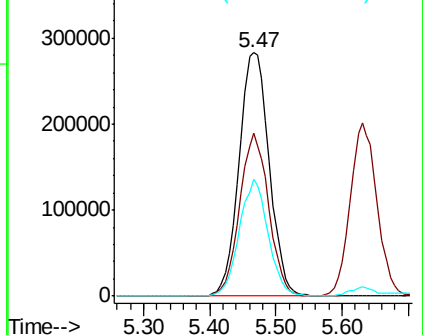
61 45.6 36.1 54.1

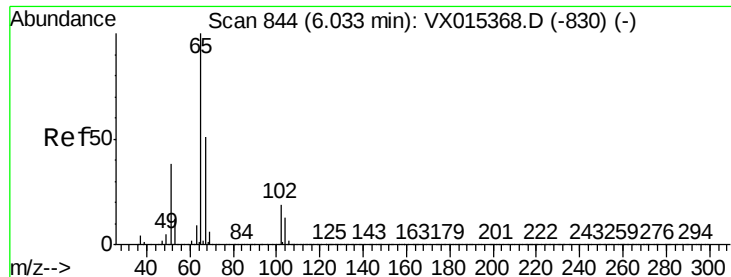


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.452 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

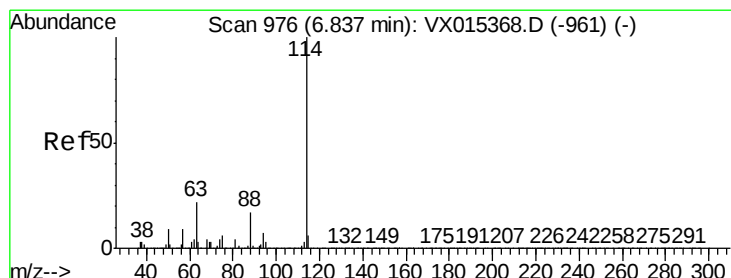
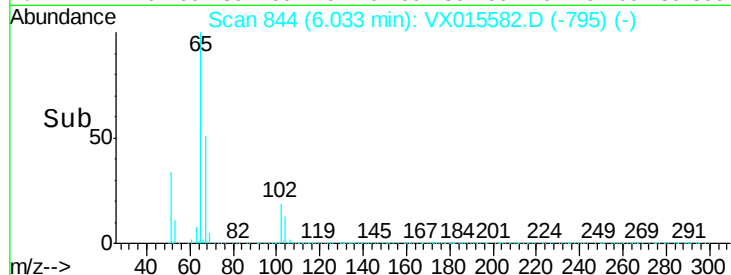
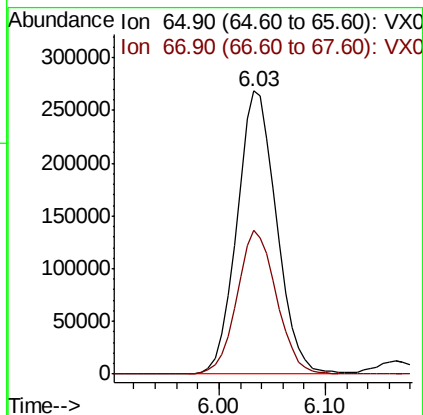
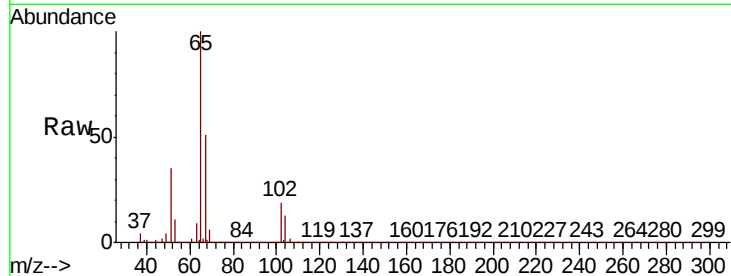
VSTDCCC050EC

Tot Ion: 65 Resp: 697275

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

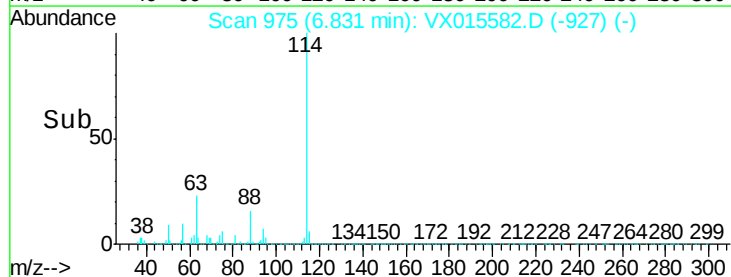
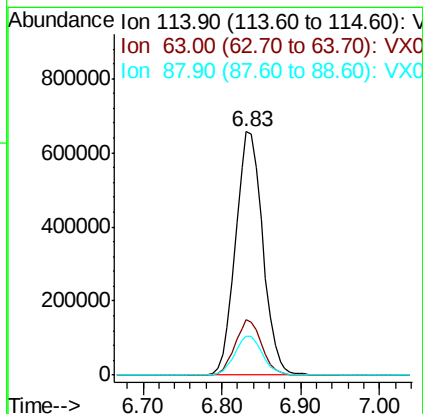
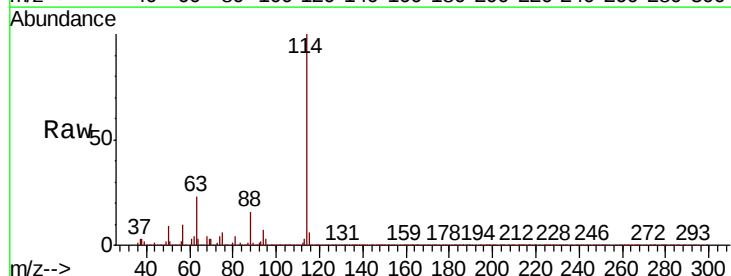
Tgt Ion: 114 Resp: 1573093

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

88 15.9 0.0 33.8

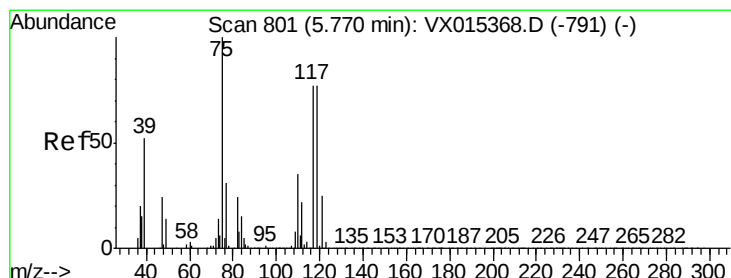
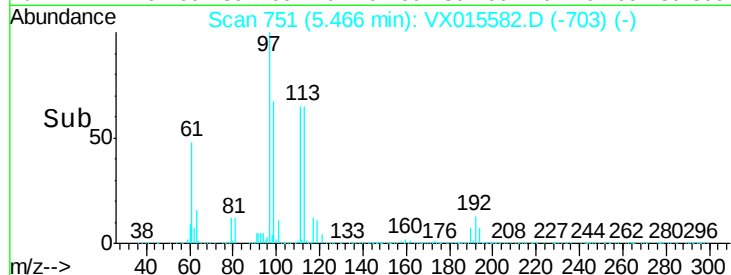
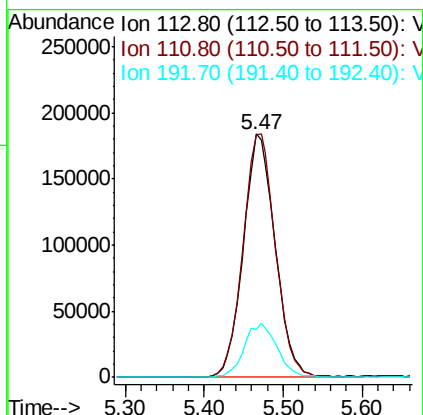
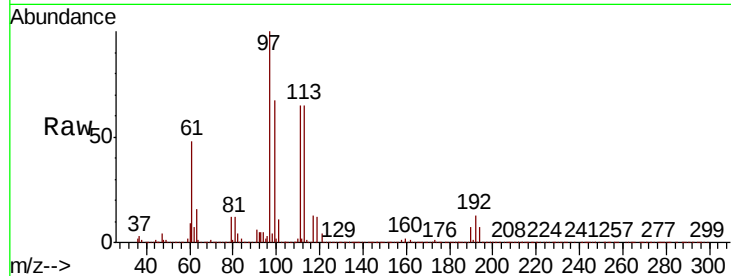




#35
 Dibromofluoromethane
 Concen: 51.034 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

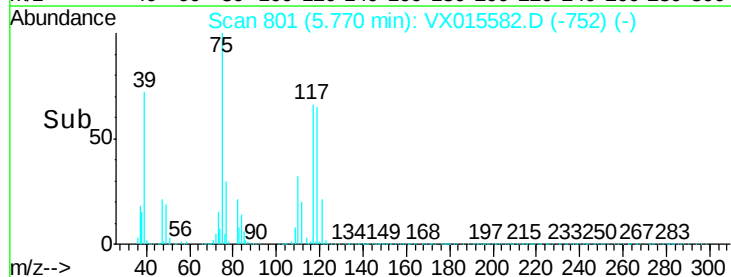
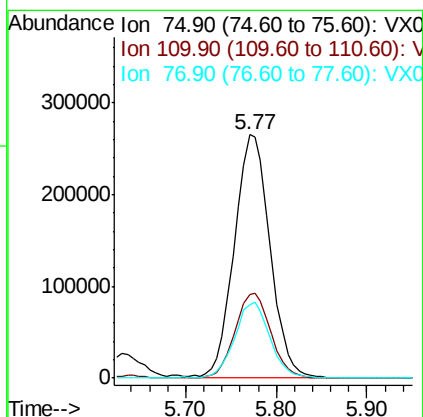
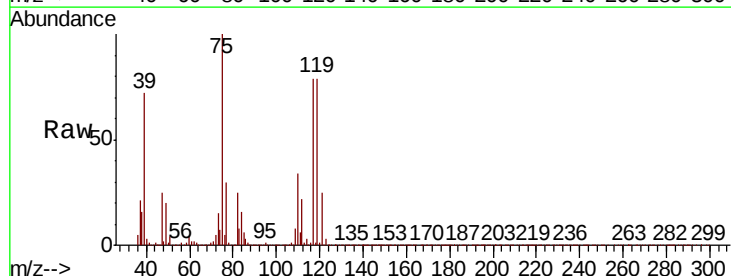
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	23.0	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 49.594 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.3
77	30.4	24.6	36.8

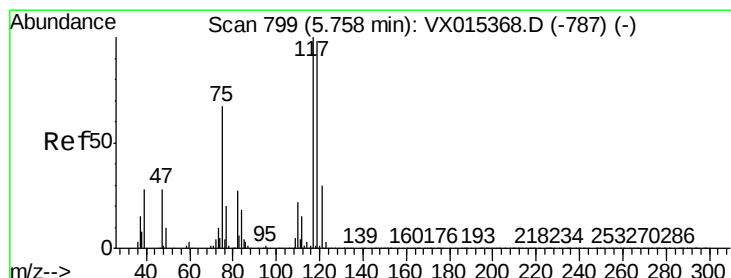
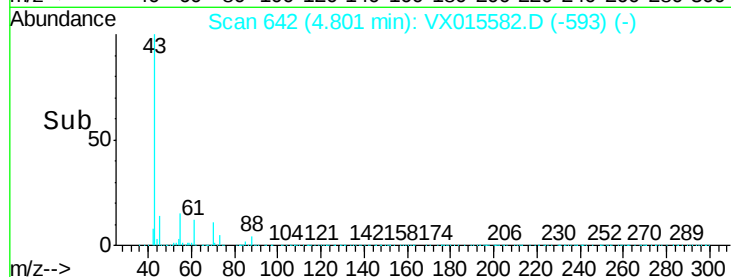
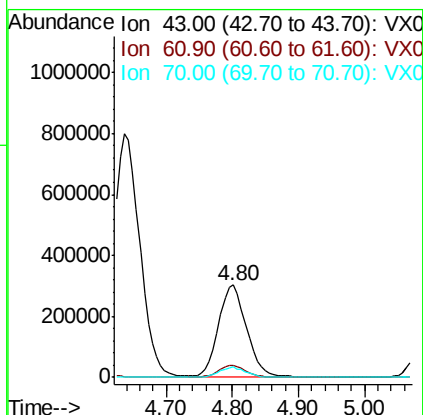
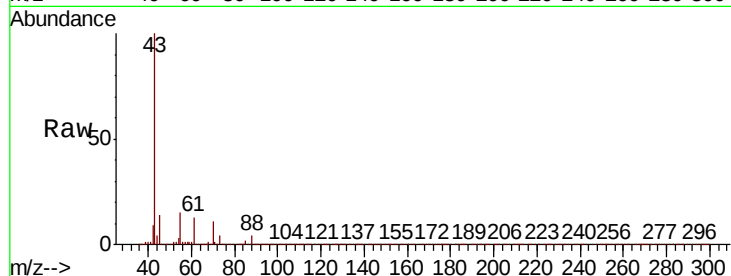




#37
Ethyl Acetate
Concen: 47.112 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

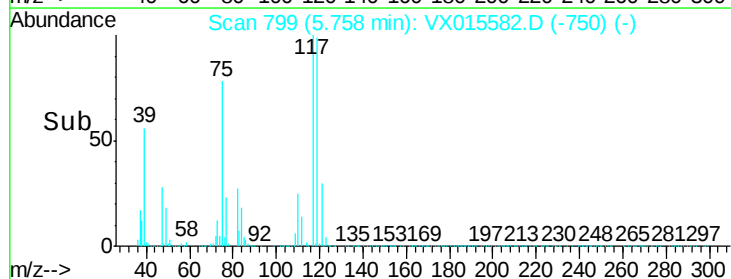
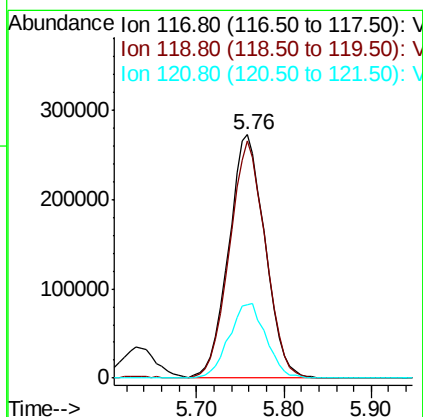
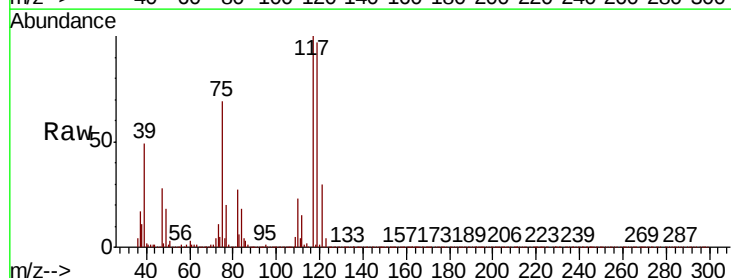
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

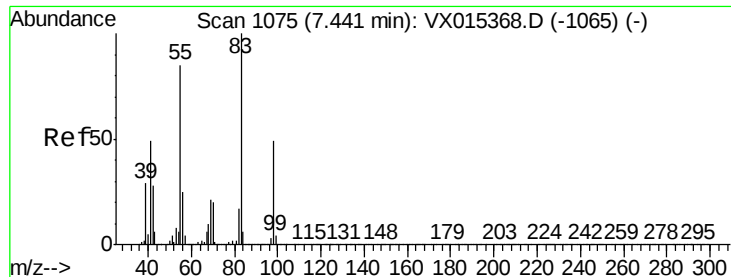
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.4	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.926 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.0	117.0
121	30.2	23.8	35.8

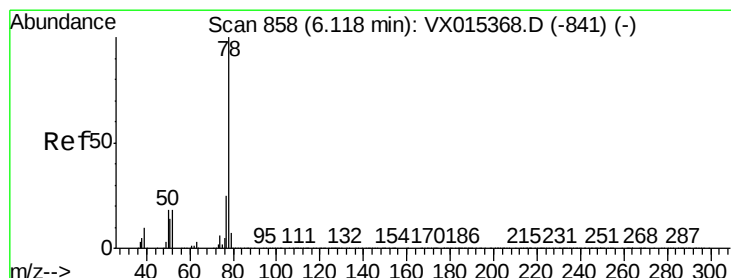
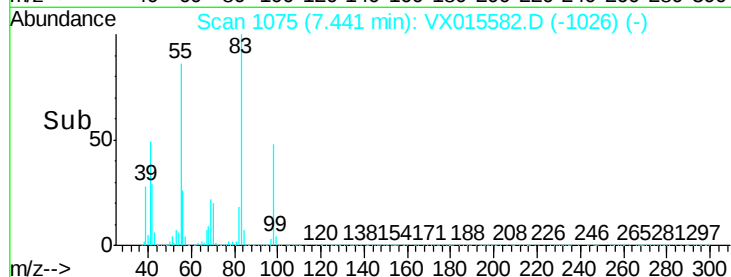
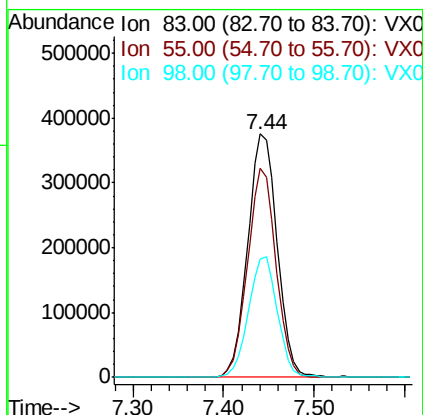
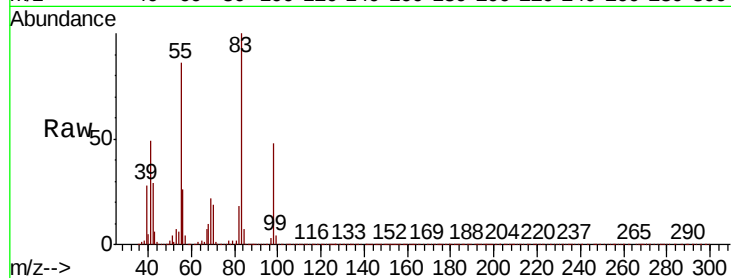




#39
Methvlcvclohexane
Concen: 50.523 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

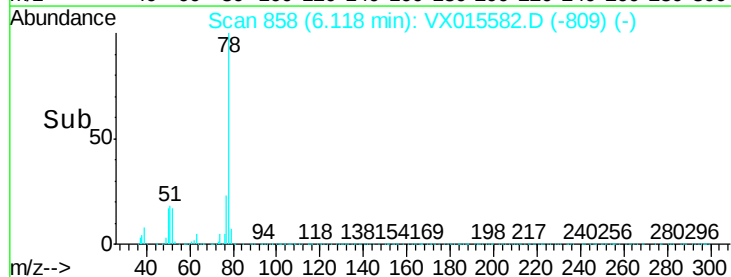
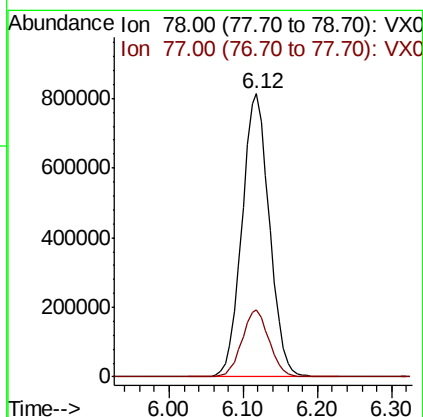
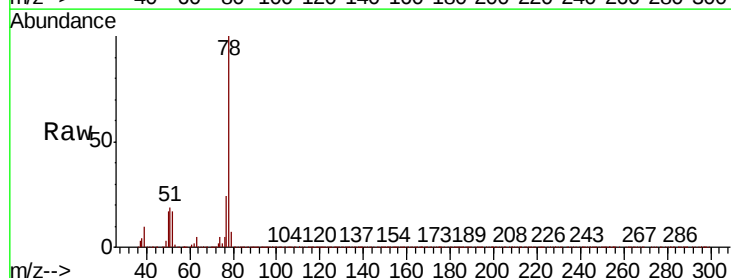
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

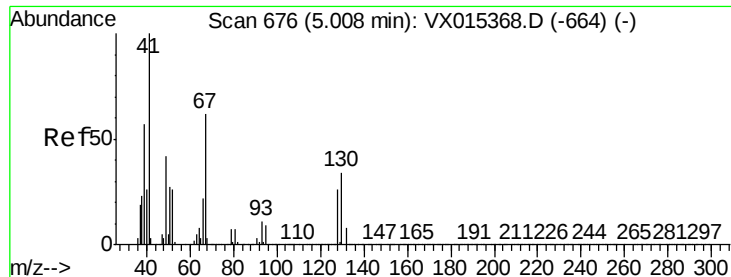
Tot Ion: 83 Resp: 844343
Ion Ratio Lower Upper
83 100
55 85.4 67.8 101.6
98 48.4 39.3 58.9



#40
Benzene
Concen: 49.467 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 78 Resp: 2100258
Ion Ratio Lower Upper
78 100
77 23.7 19.8 29.8

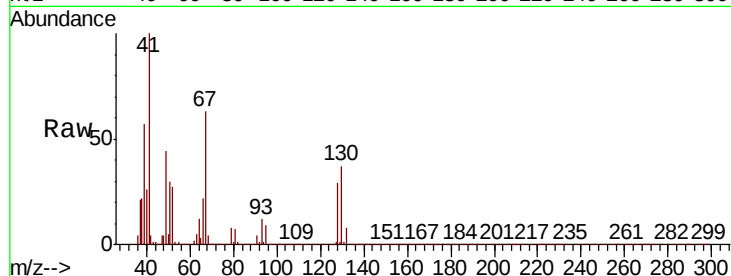




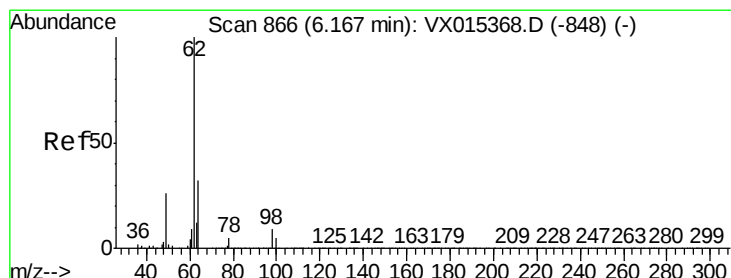
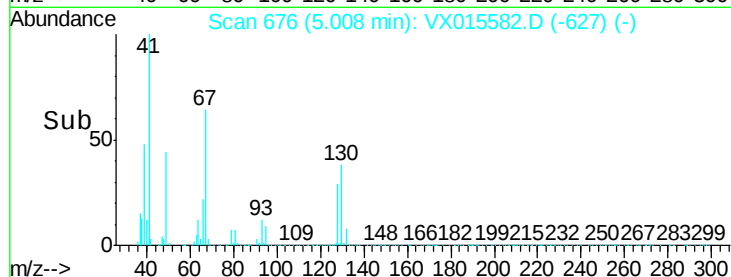
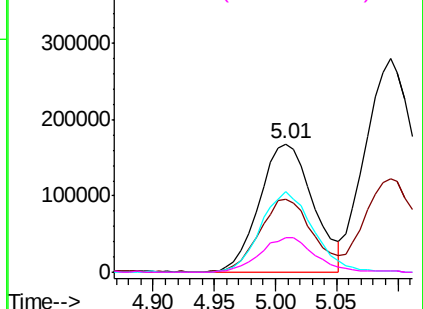
#41
Methacrylonitrile
Concen: 48.833 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	511605
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	61.7	48.9	73.3
52	26.6	21.8	32.6

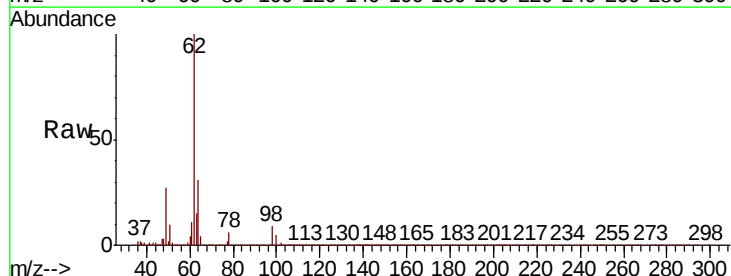


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

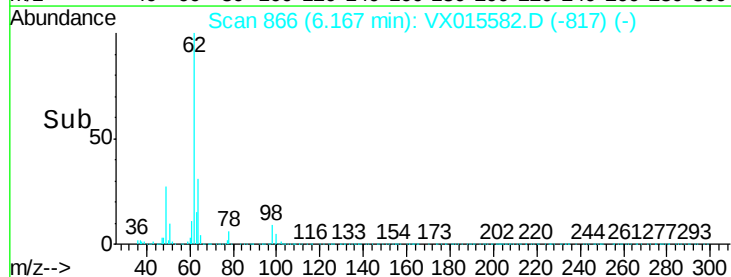
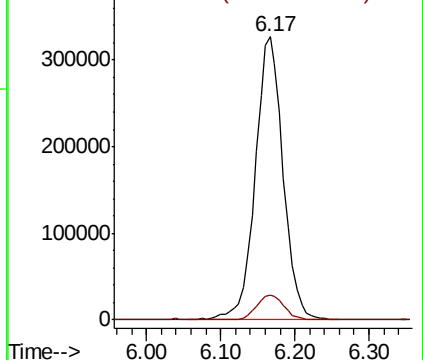


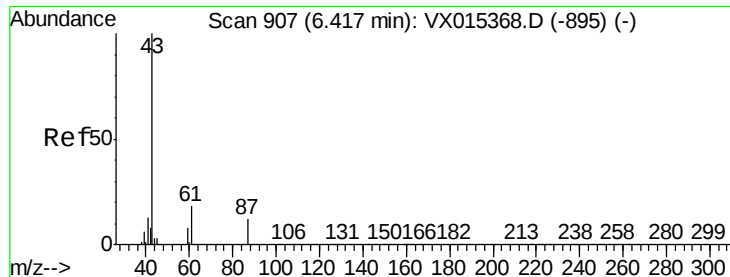
#42
1,2-Dichloroethane
Concen: 50.055 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion:	62	Resp:	853661
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



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



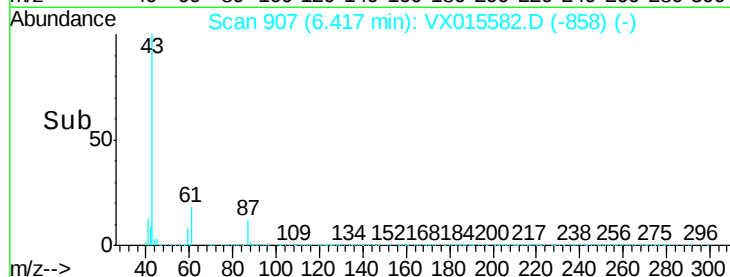
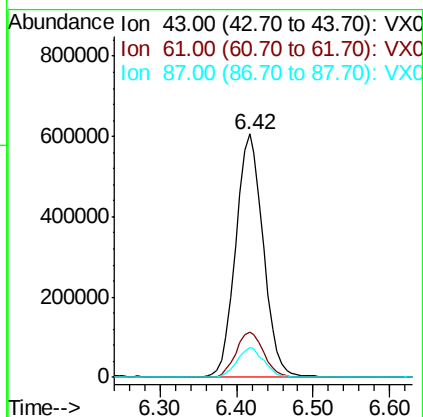
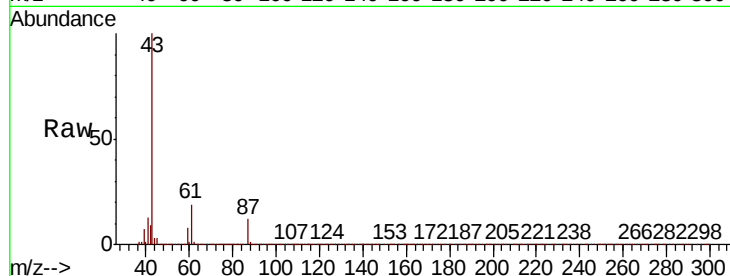


#43

Isopropyl Acetate
 Concen: 47.250 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

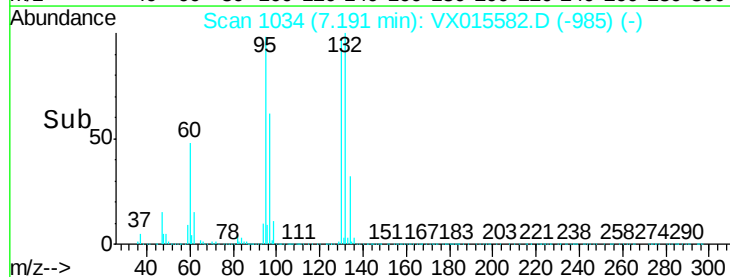
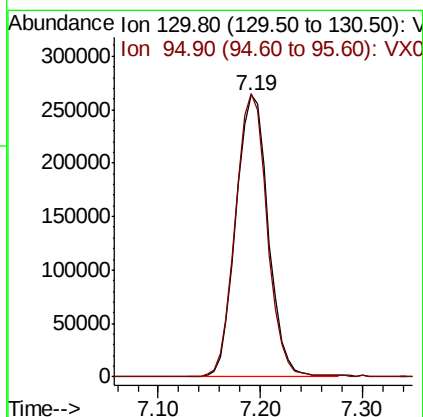
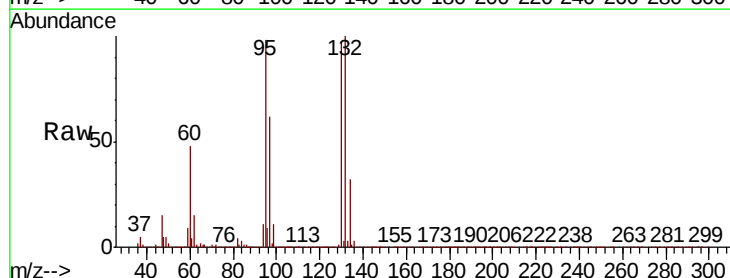
Tot Ion: 43 Resp: 1505320
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.8 22.2
 87 12.1 9.4 14.0

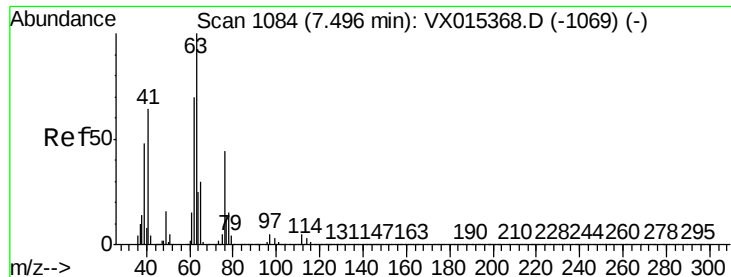


#44

Trichloroethene
 Concen: 49.997 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion:130 Resp: 578926
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 199.0

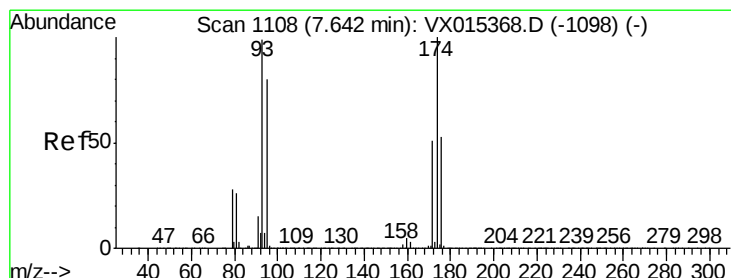
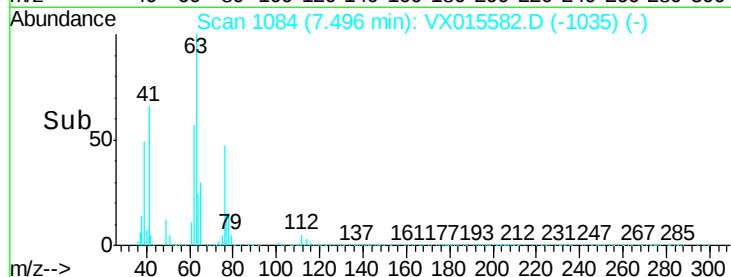
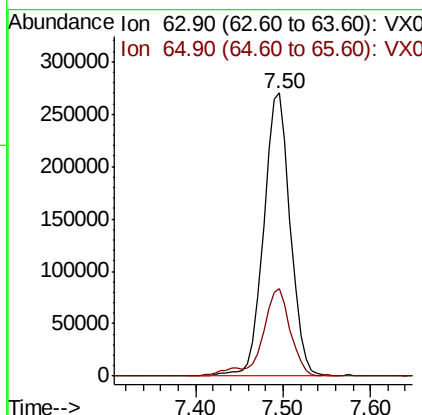
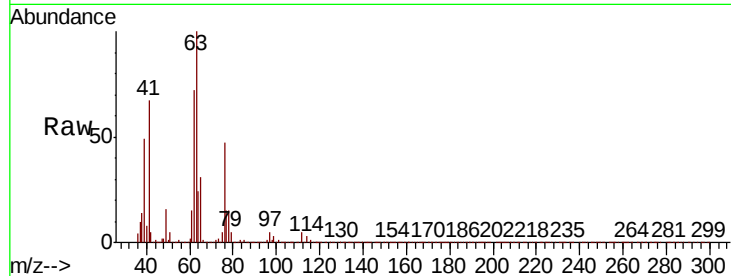




#45
 1,2-Dichloropropane
 Concen: 48.936 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

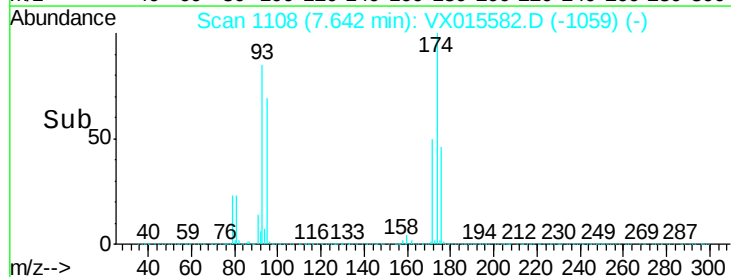
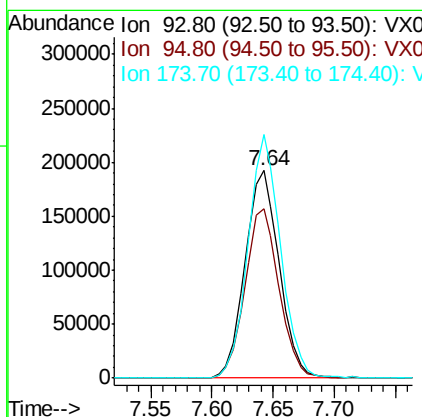
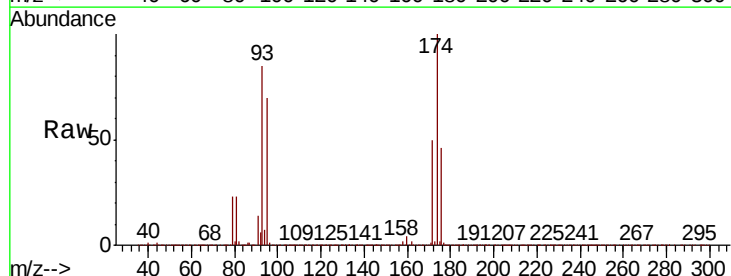
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

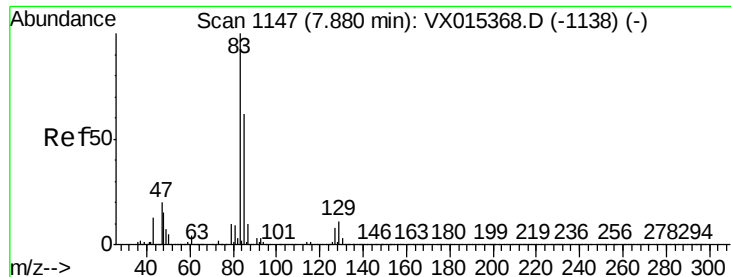
Tot Ion: 63 Resp: 568377
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.9 35.9



#46
 Dibromomethane
 Concen: 48.704 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion: 93 Resp: 371080
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.8 98.8
 174 113.0 86.2 129.2





#47

Bromodichloromethane

Concen: 48.955 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

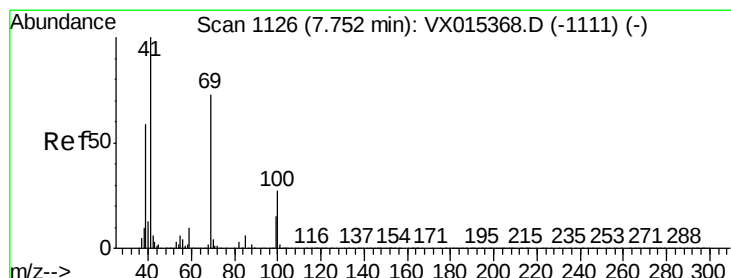
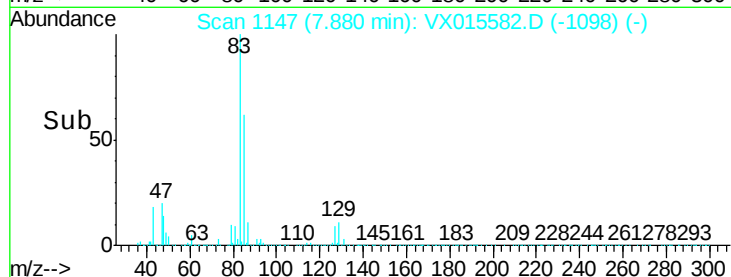
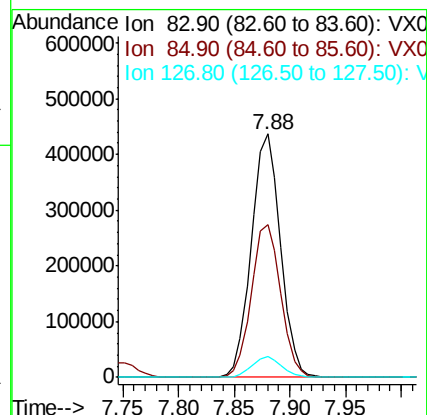
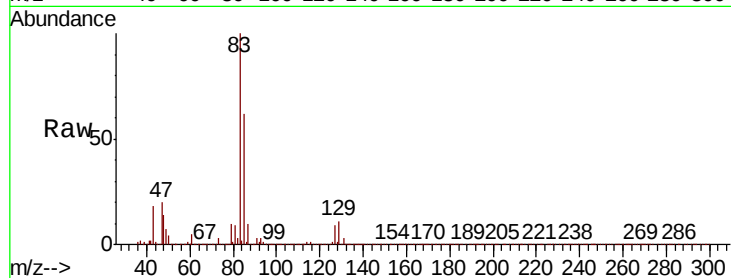
Tot Ion: 83 Resp: 794763

Ion Ratio Lower Upper

83 100

85 62.5 49.7 74.5

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 48.236 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

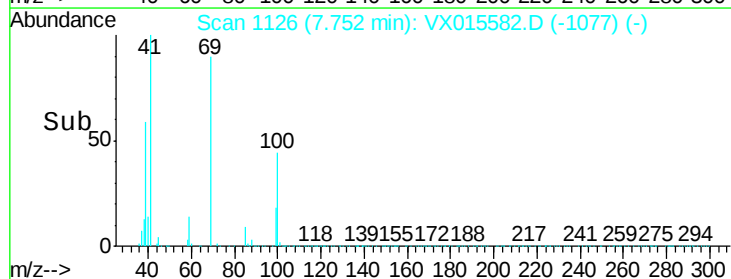
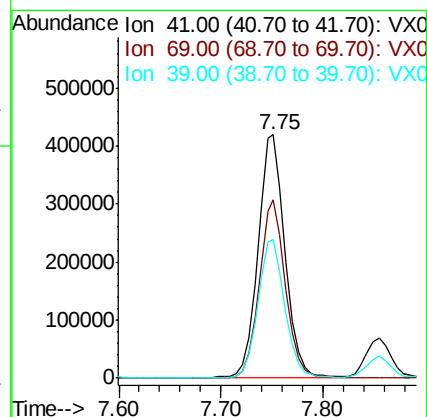
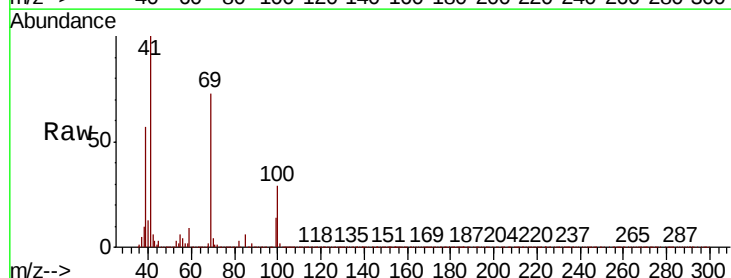
Tgt Ion: 41 Resp: 767591

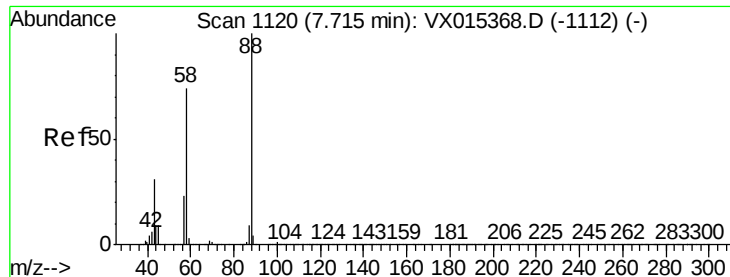
Ion Ratio Lower Upper

41 100

69 71.0 56.7 85.1

39 57.0 46.5 69.7

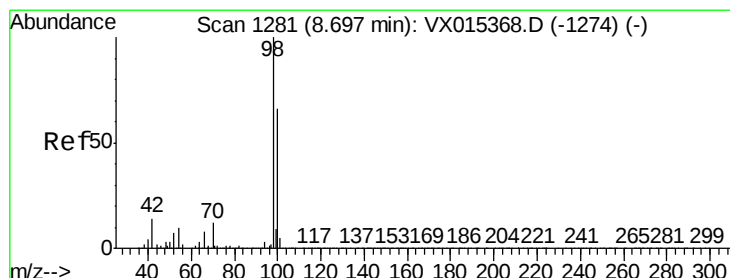
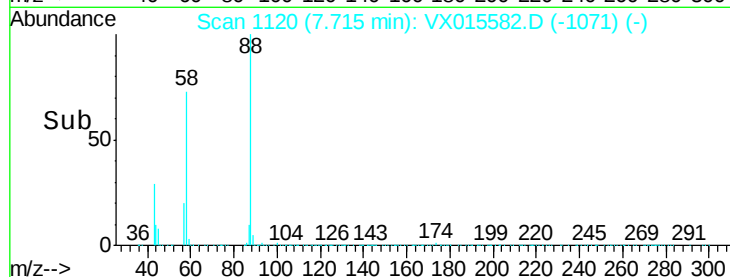
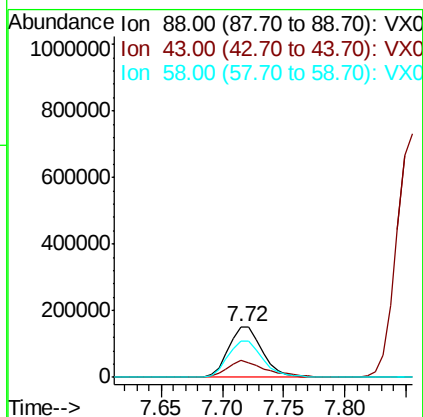
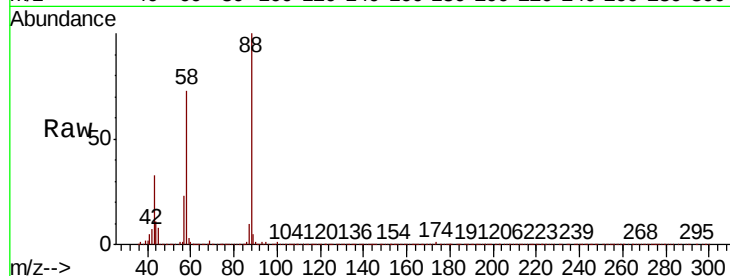




#49
1,4-Dioxane
Concen: 969.218 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

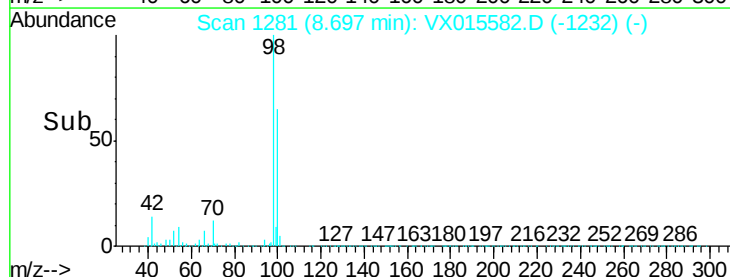
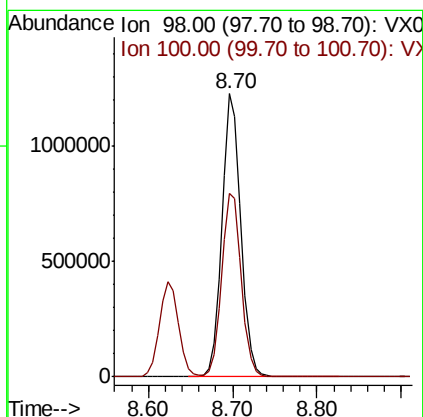
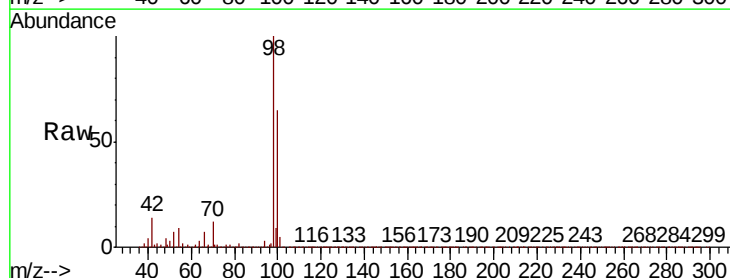
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

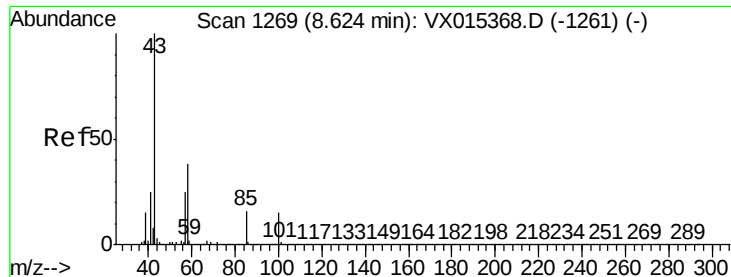
Tot Ion: 88 Resp: 287722
Ion Ratio Lower Upper
88 100
43 37.5 30.1 45.1
58 74.4 60.6 90.8



#50
Toluene-d8
Concen: 50.717 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 98 Resp: 1877668
Ion Ratio Lower Upper
98 100
100 67.4 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 246.472 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

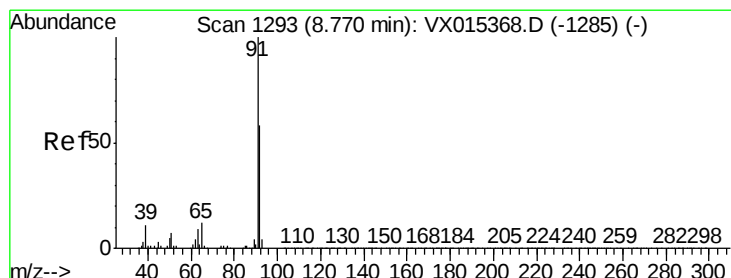
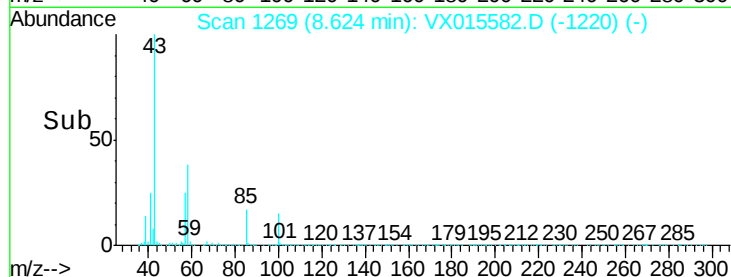
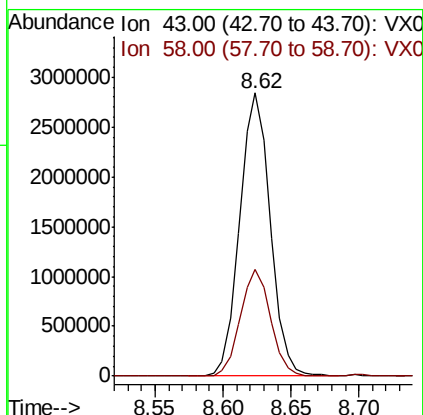
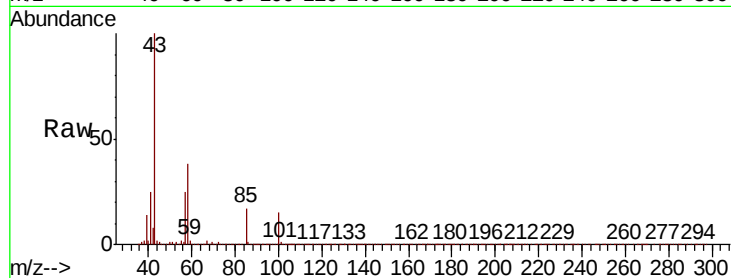
VSTDCCC050EC

Tot Ion: 43 Resp: 4450085

Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5



#52

Toluene

Concen: 50.984 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015582.D

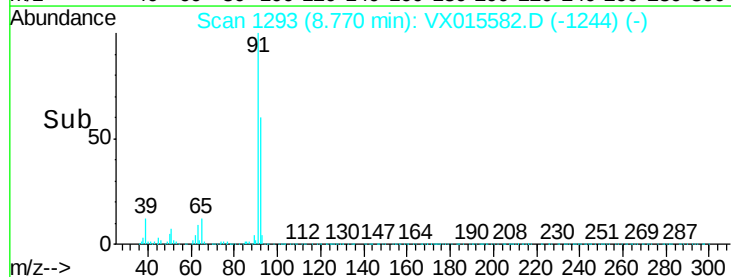
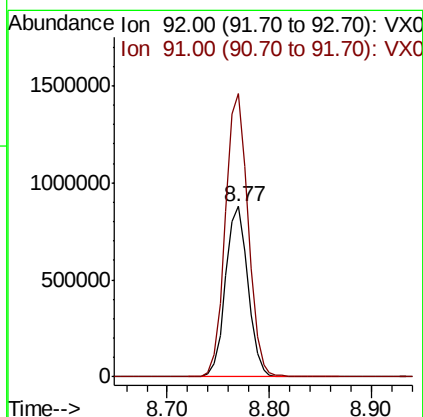
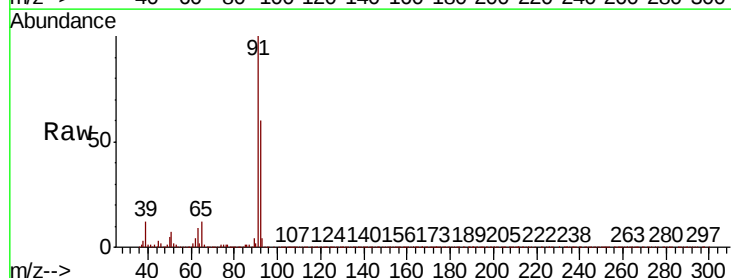
Acq: 08 Apr 2020 20:11

Tgt Ion: 92 Resp: 1334566

Ion Ratio Lower Upper

92 100

91 168.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 46.358 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

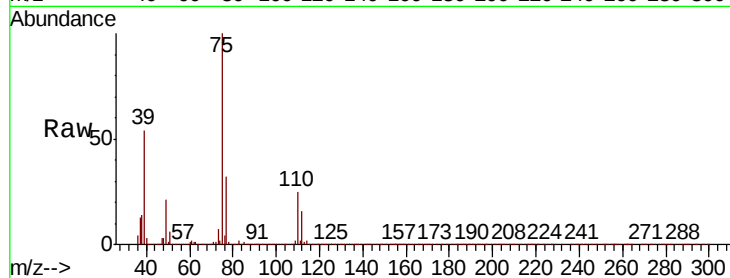
VSTDCCC050EC

Tot Ion: 75 Resp: 882668

Ion Ratio Lower Upper

75 100

77 32.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

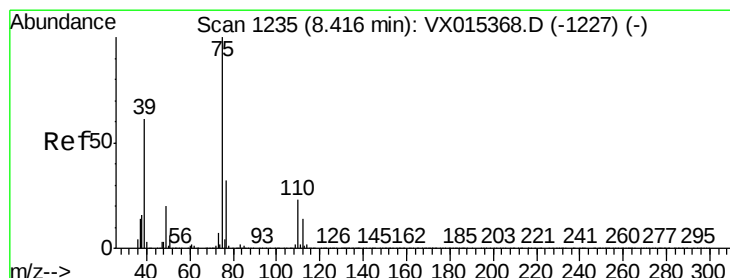
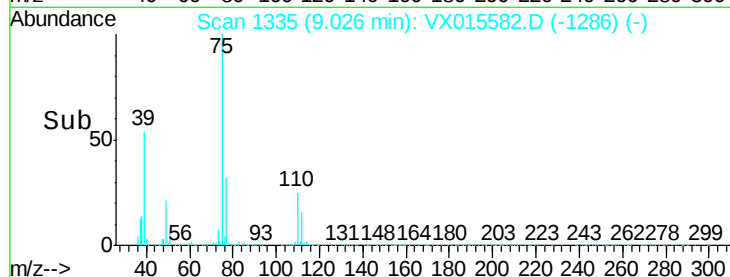
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.847 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

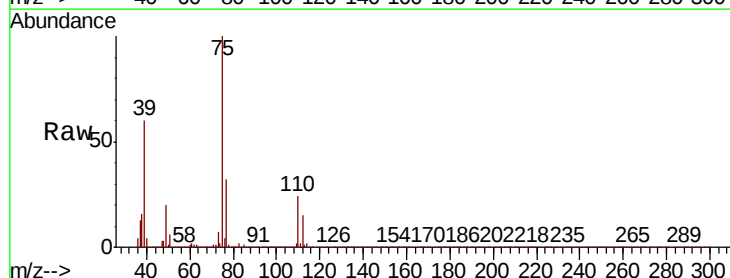
Tgt Ion: 75 Resp: 928016

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 59.9 49.0 73.4



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

800000

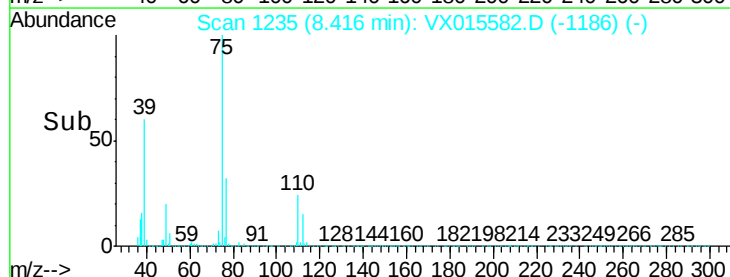
600000

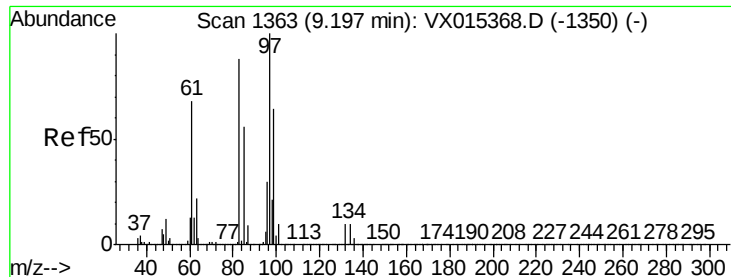
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.914 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 546025

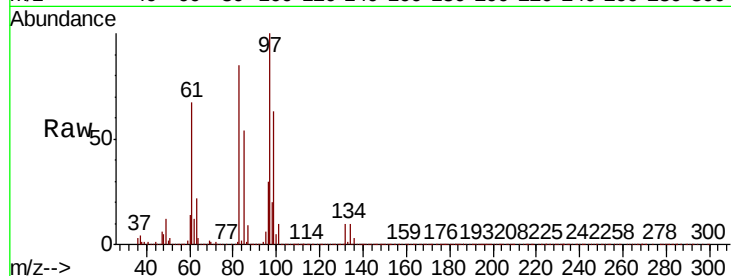
Ion Ratio Lower Upper

97 100

83 84.6 70.2 105.4

85 54.2 44.7 67.1

99 63.4 51.1 76.7

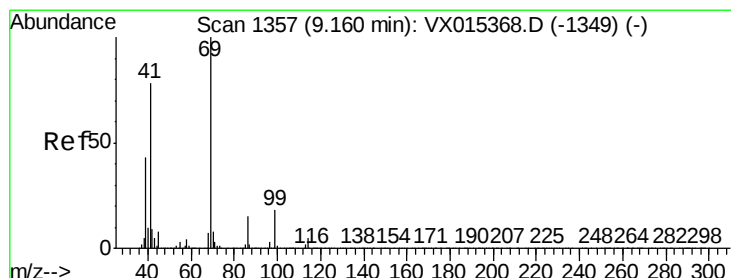
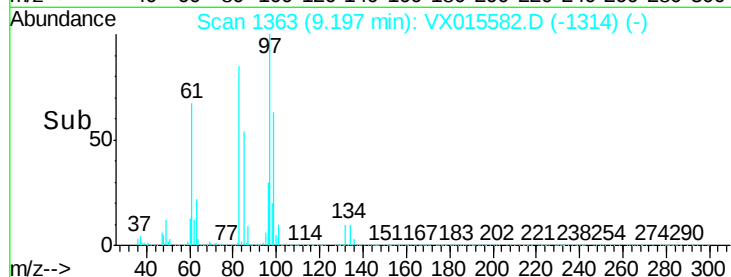
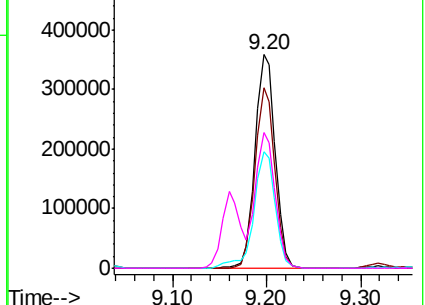


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.805 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

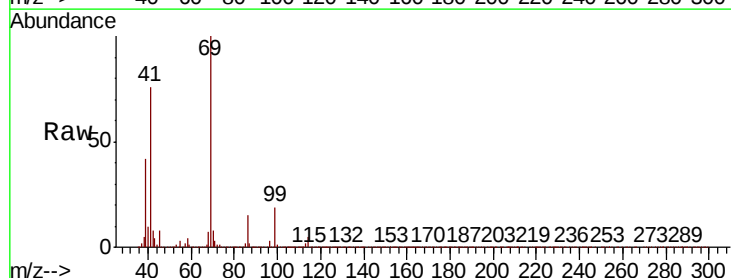
Tgt Ion: 69 Resp: 922444

Ion Ratio Lower Upper

69 100

41 76.2 61.6 92.4

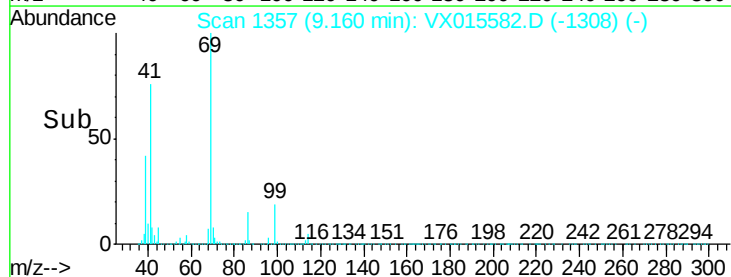
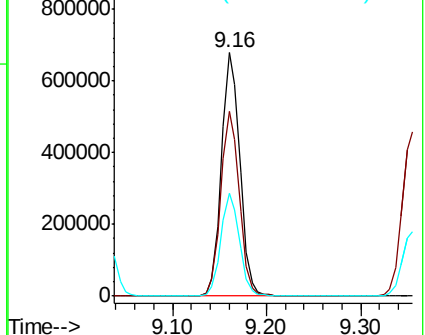
39 42.2 34.0 51.0

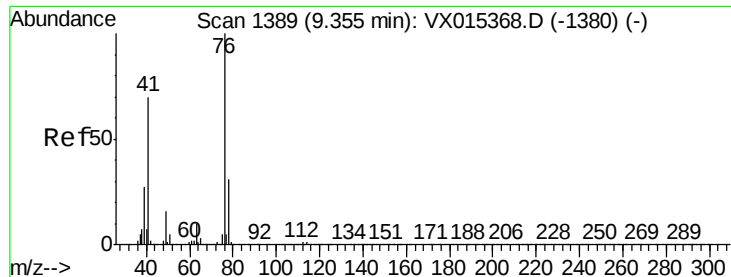


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.440 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

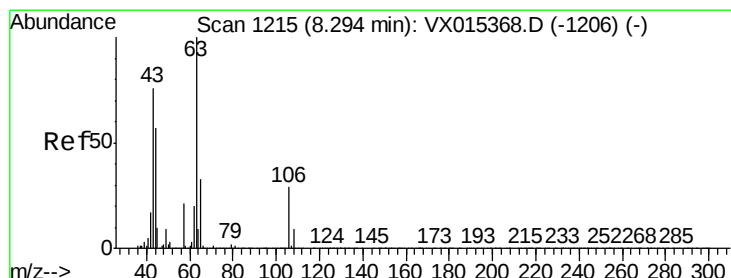
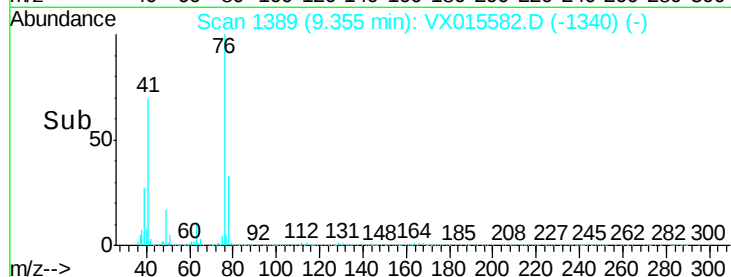
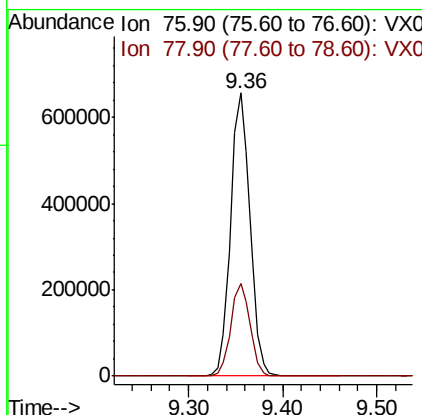
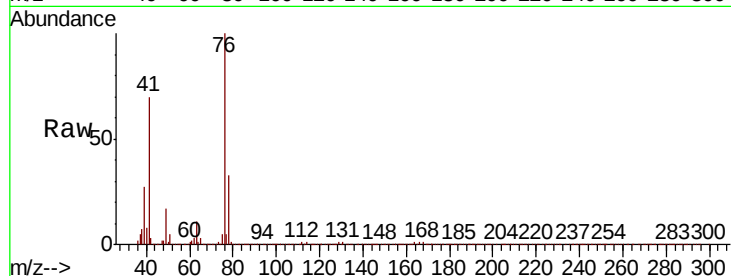
VSTDCCC050EC

Tot Ion: 76 Resp: 935967

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 249.151 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015582.D

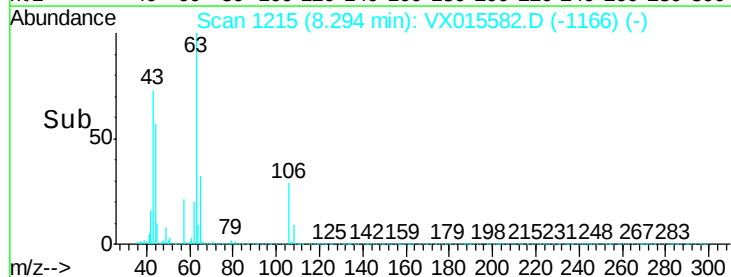
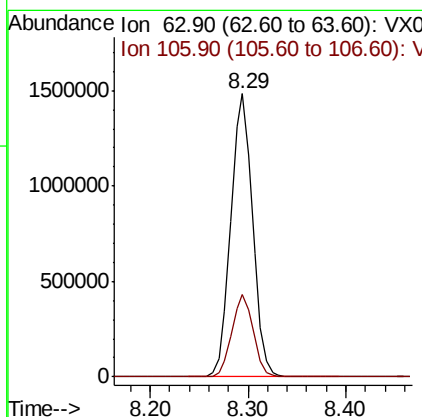
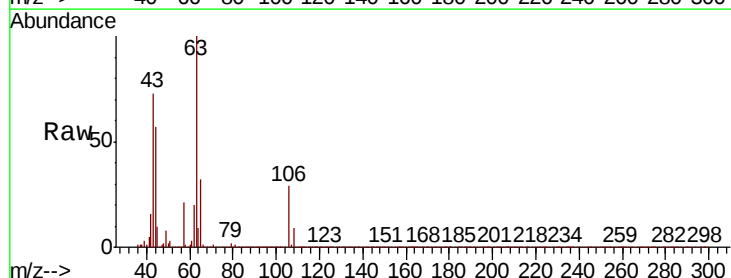
Acq: 08 Apr 2020 20:11

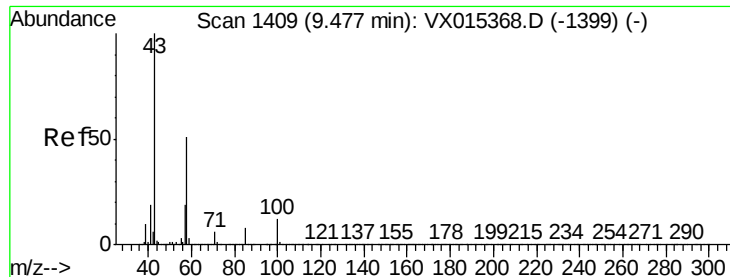
Tgt Ion: 63 Resp: 2290537

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1

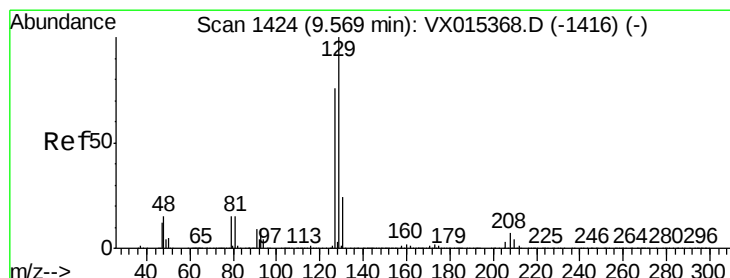
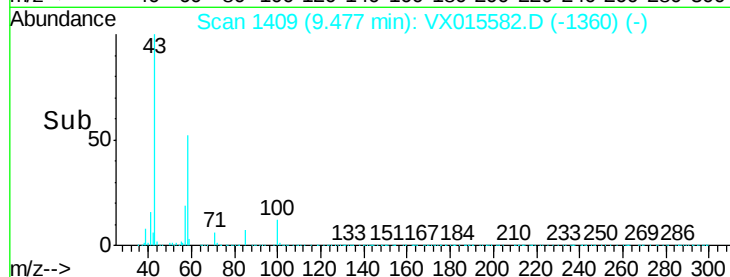
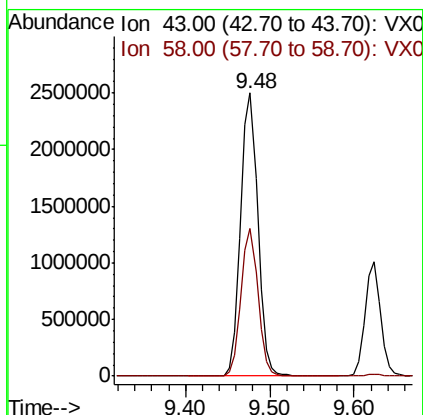
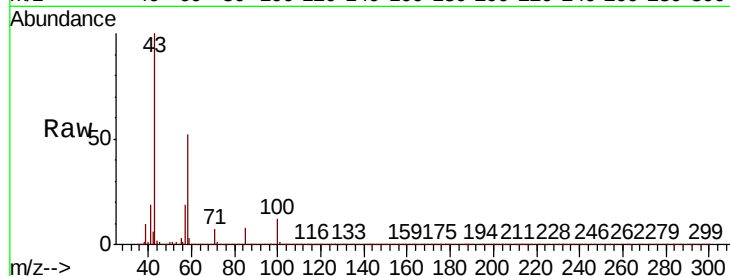




#59
2-Hexanone
Concen: 249.128 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

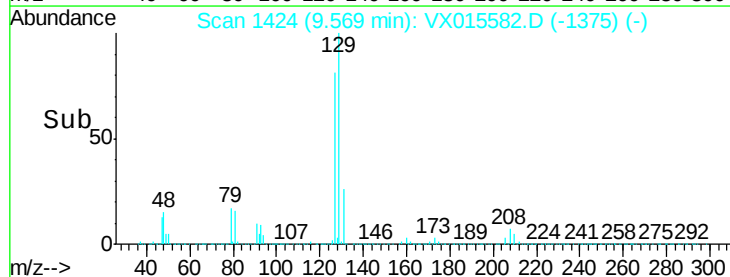
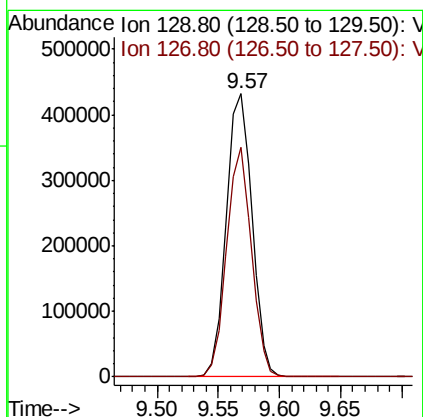
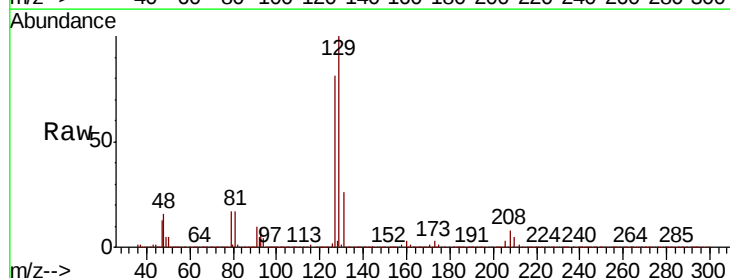
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

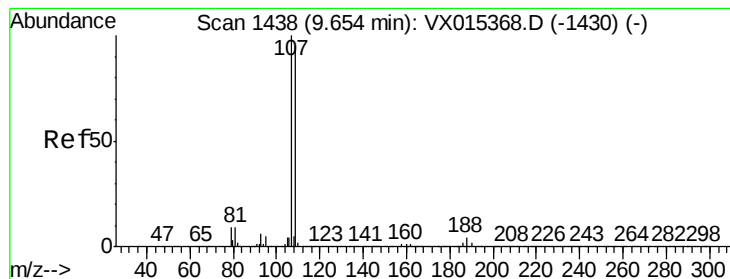
Tot Ion: 43 Resp: 3395920
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.6



#60
Dibromochloromethane
Concen: 48.763 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion: 129 Resp: 628406
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.574 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

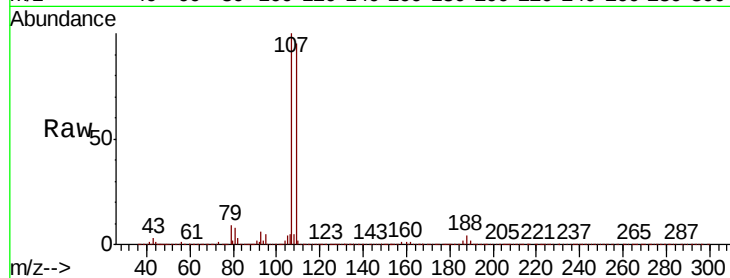
VSTDCCC050EC

Tot Ion: 107 Resp: 578090

Ion Ratio Lower Upper

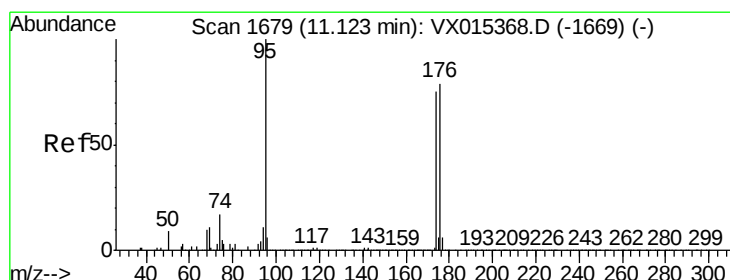
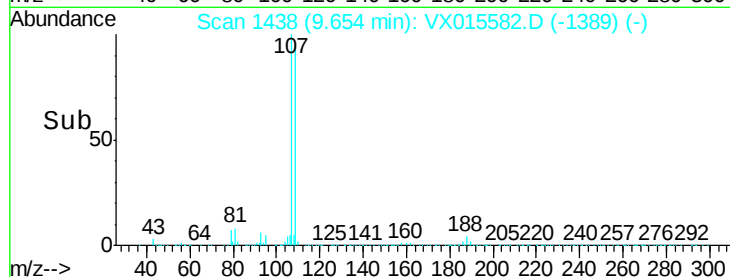
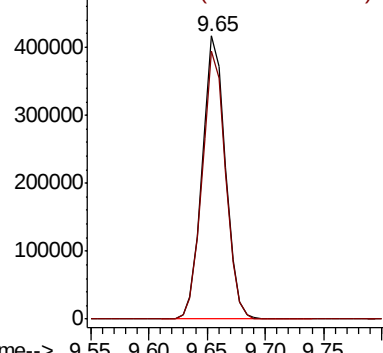
107 100

109 95.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.649 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

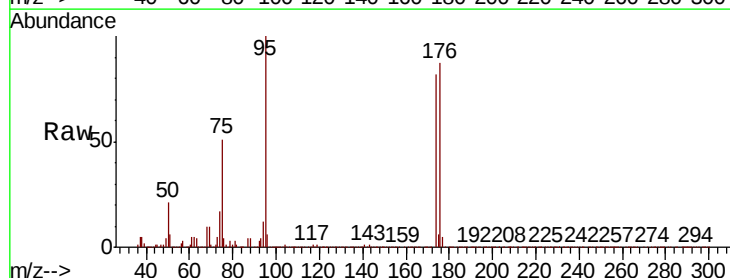
Tgt Ion: 95 Resp: 777111

Ion Ratio Lower Upper

95 100

174 85.1 0.0 158.6

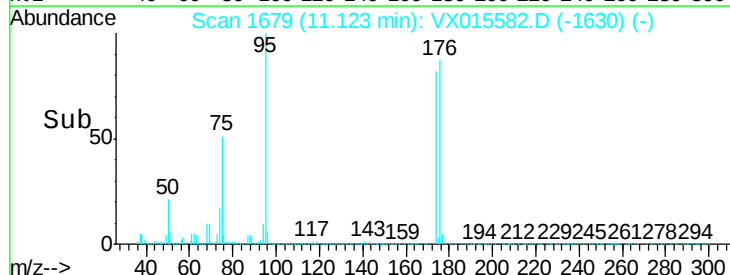
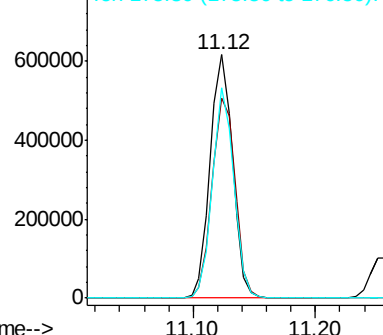
176 82.7 0.0 159.0

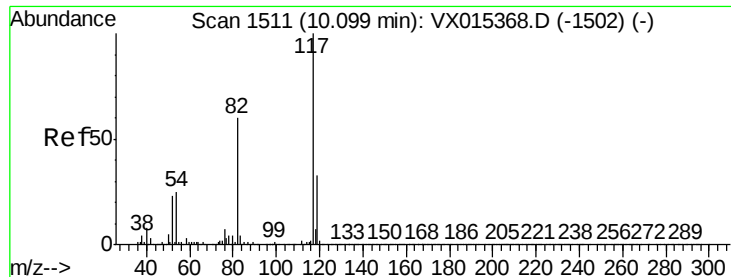


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

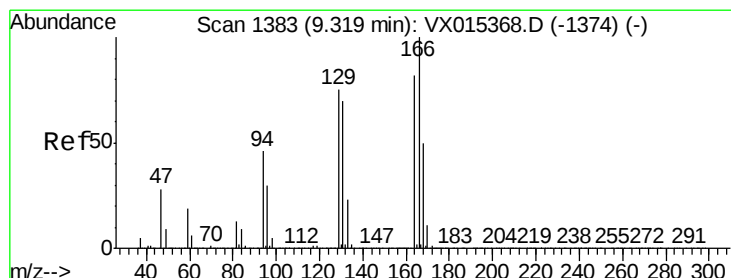
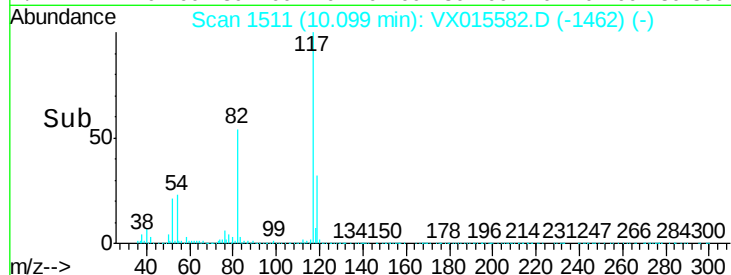
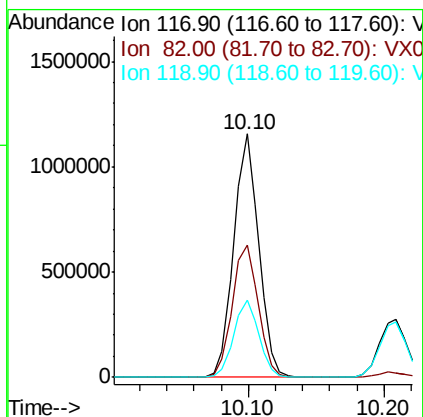
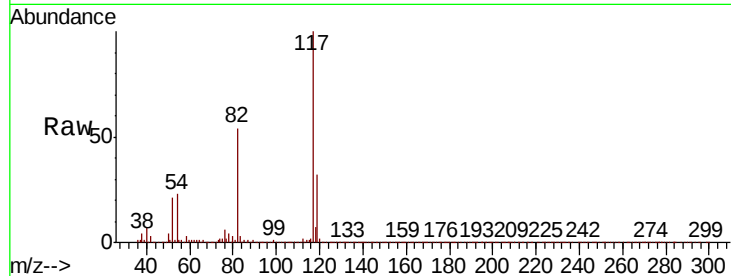




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

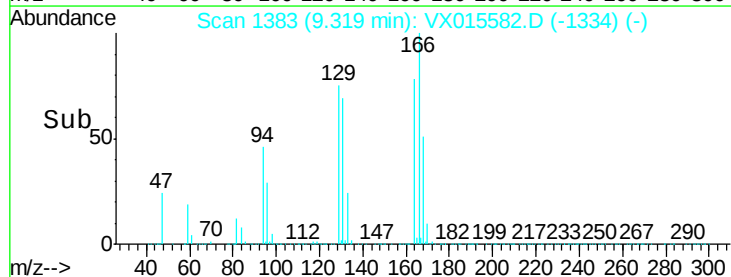
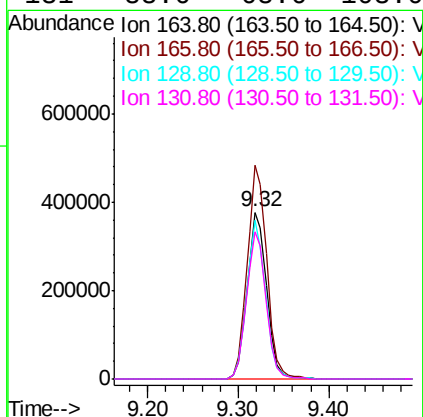
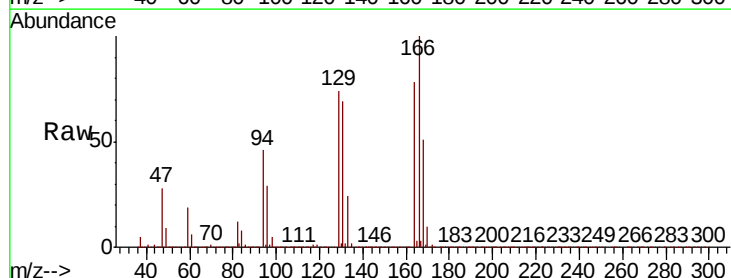
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

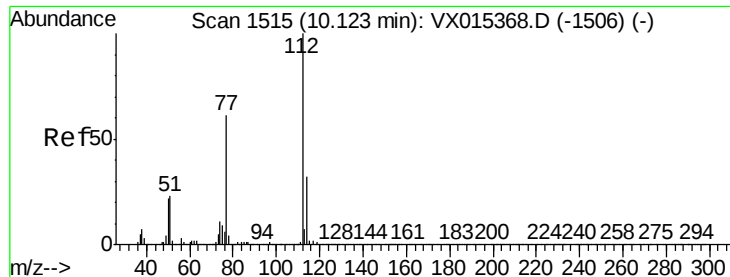
Tot Ion:117 Resp: 1476000
Ion Ratio Lower Upper
117 100
82 54.2 47.8 71.8
119 31.9 26.8 40.2



#64
Tetrachloroethene
Concen: 50.303 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion:164 Resp: 560328
Ion Ratio Lower Upper
164 100
166 128.1 97.8 146.6
129 95.5 73.0 109.4
131 88.6 68.6 103.0

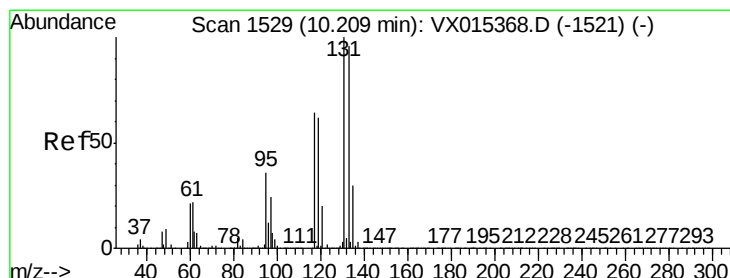
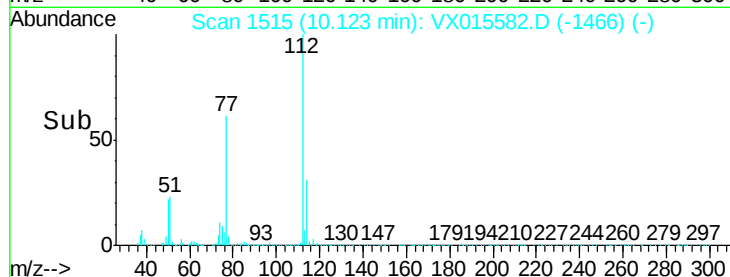
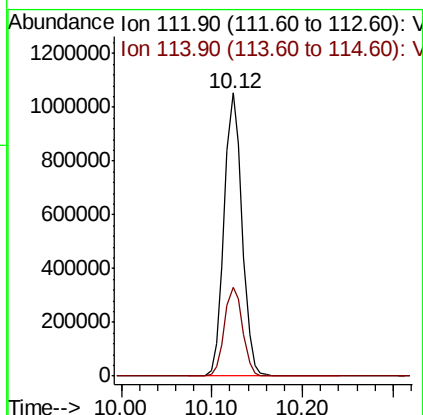
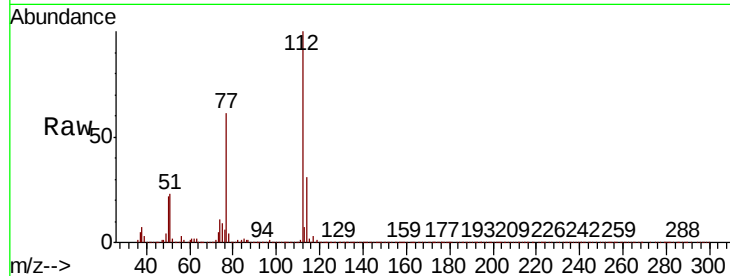




#65
Chlorobenzene
Concen: 49.435 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

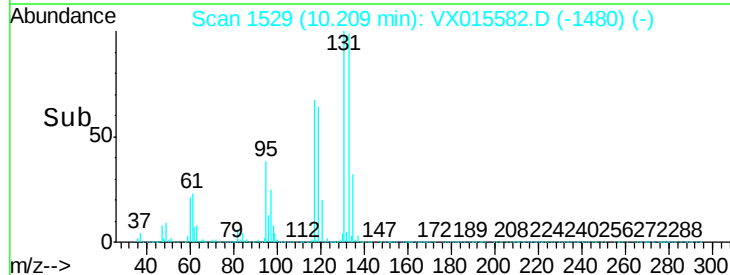
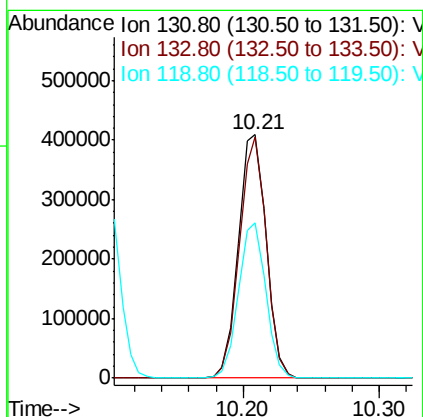
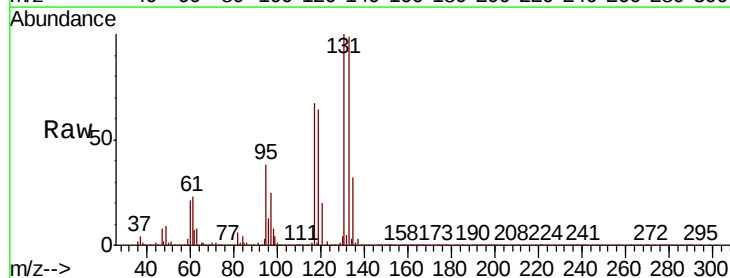
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

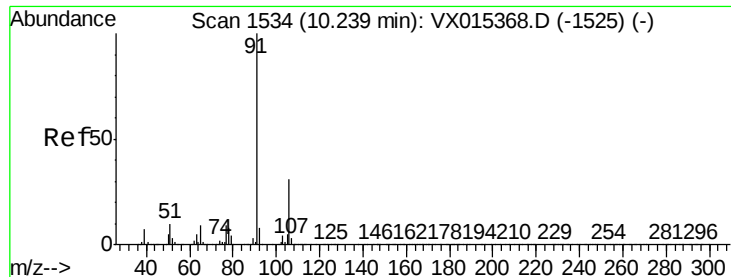
Tot Ion:112 Resp: 1455154
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.440 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion:131 Resp: 581402
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 62.6 31.1 93.3





#67

Ethyl Benzene

Concen: 49.430 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

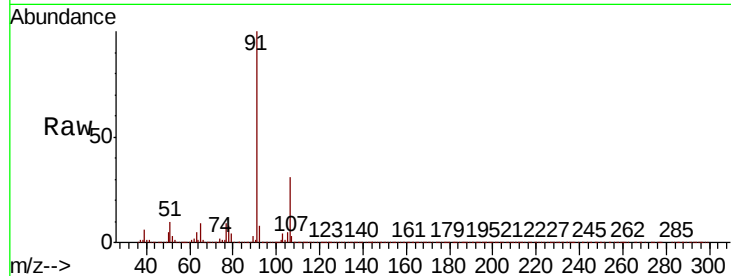
VSTDCCC050EC

Tot Ion: 91 Resp: 2580586

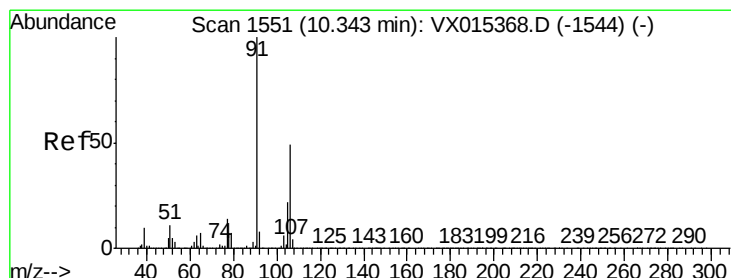
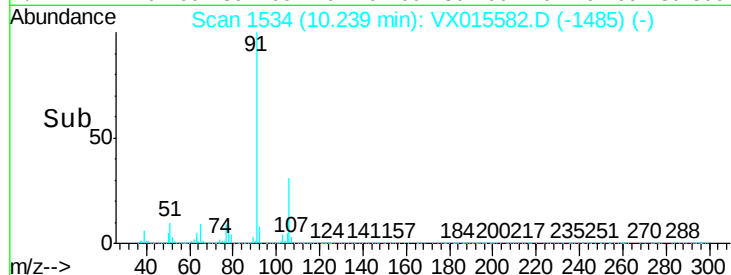
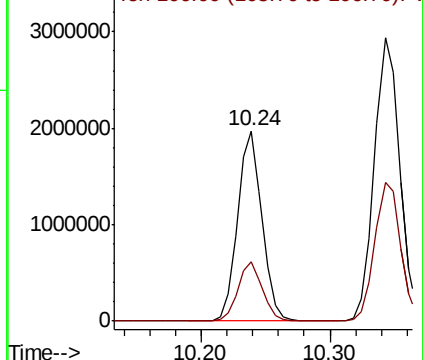
Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1525) (-)



#68

m/p-Xylenes

Concen: 102.160 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015582.D

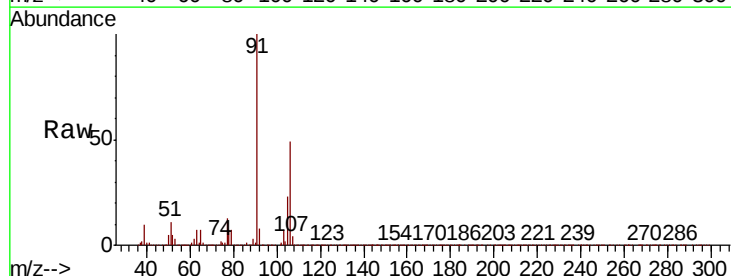
Acq: 08 Apr 2020 20:11

Tgt Ion: 106 Resp: 1986020

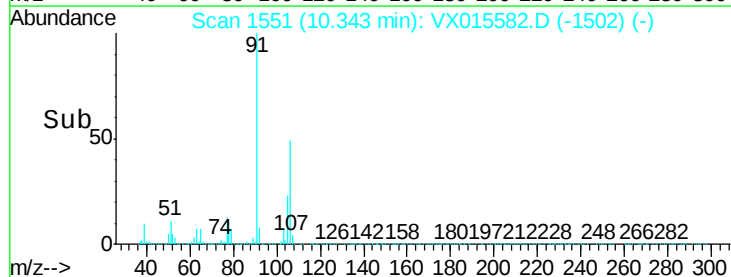
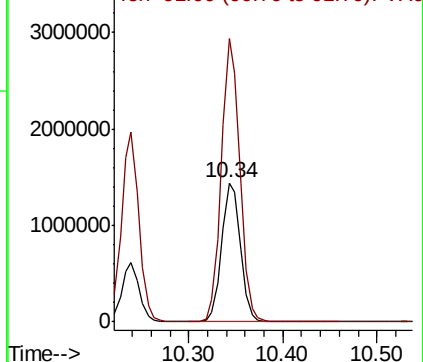
Ion Ratio Lower Upper

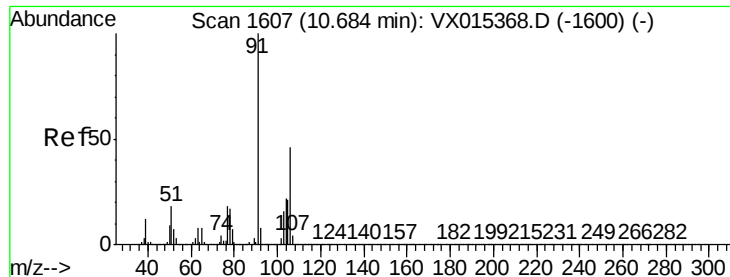
106 100

91 200.6 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): VX015368.D (-1544) (-)

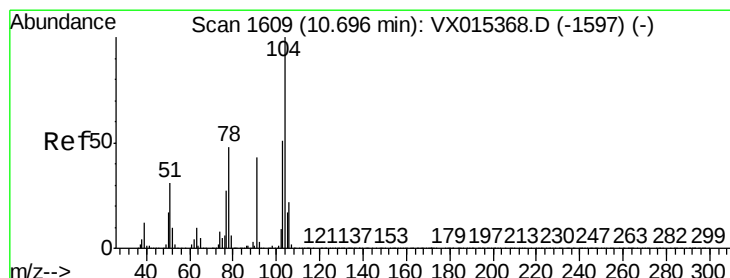
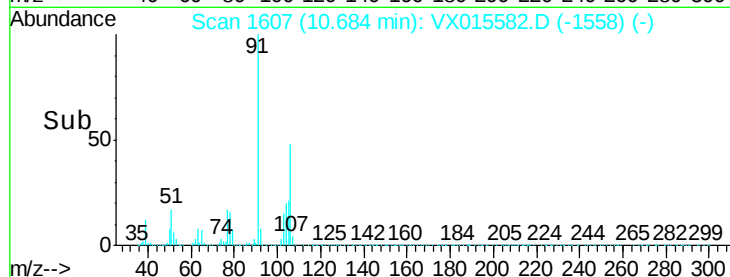
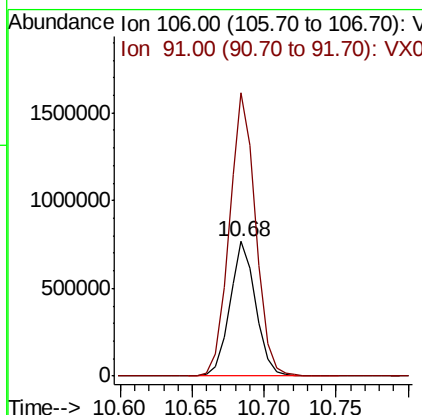
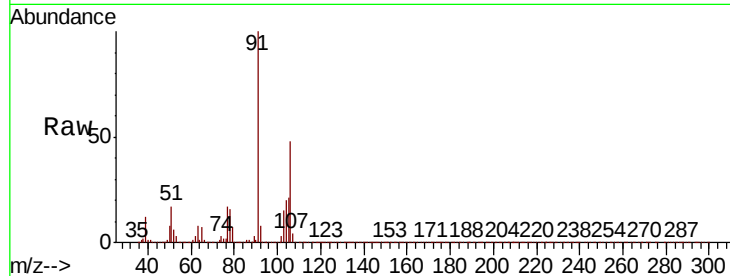




#69
o-Xylene
Concen: 50.123 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

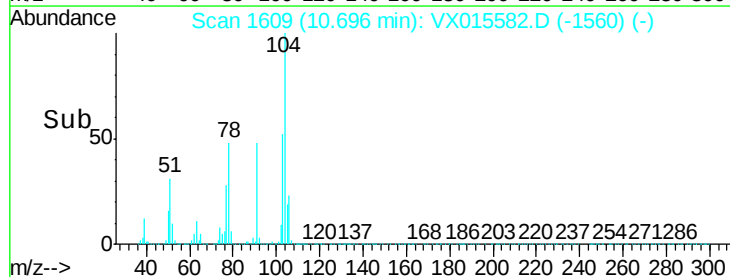
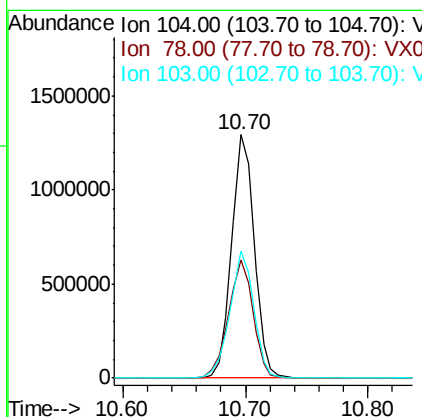
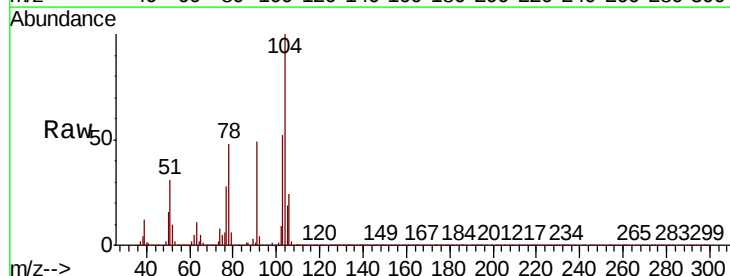
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

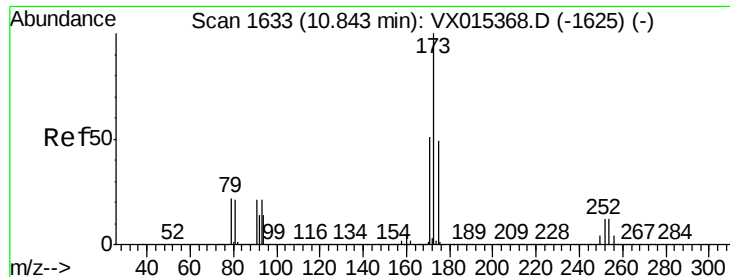
Tot Ion:106 Resp: 962869
Ion Ratio Lower Upper
106 100
91 213.4 107.1 321.3



#70
Styrene
Concen: 48.879 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion:104 Resp: 1652301
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.9 43.4 65.0

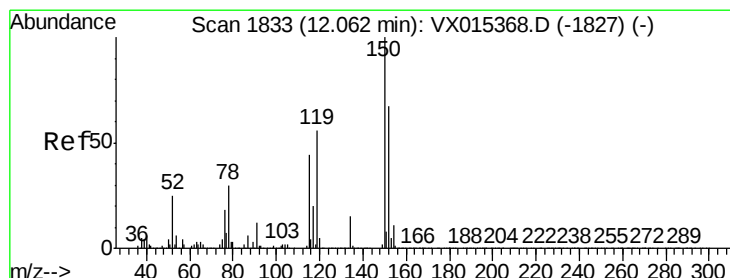
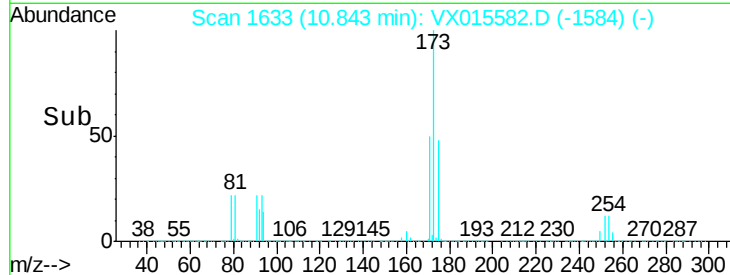
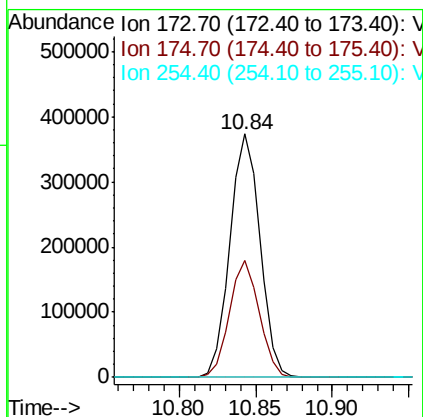
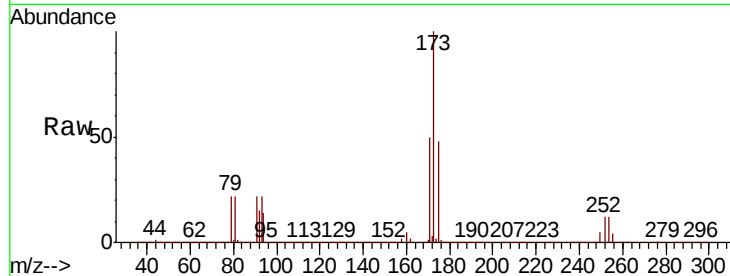




#71
Bromoform
Concen: 47.493 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

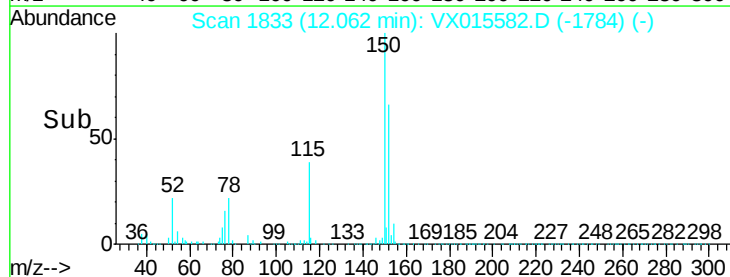
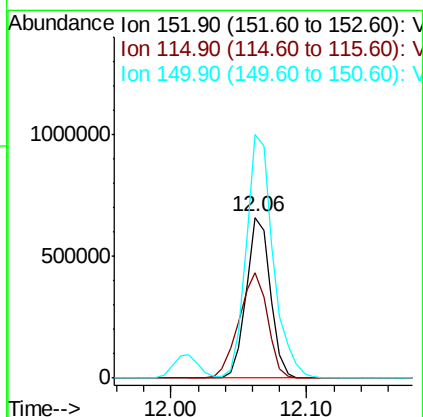
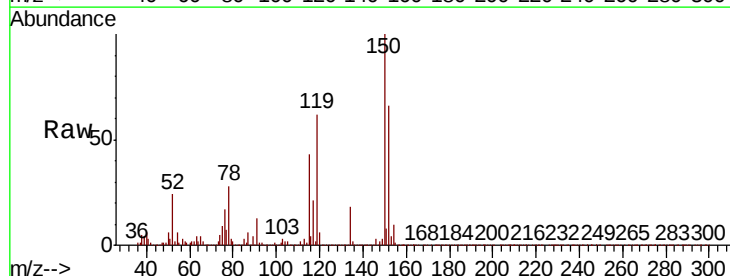
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

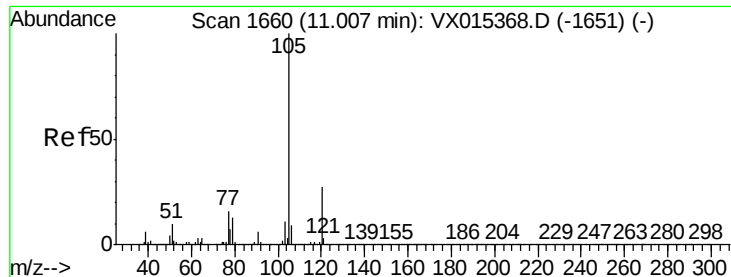
Tot Ion:173 Resp: 508435
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion:152 Resp: 816646
Ion Ratio Lower Upper
152 100
115 78.3 39.0 116.9
150 169.4 0.0 340.8





#73

Isopropylbenzene

Concen: 48.360 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

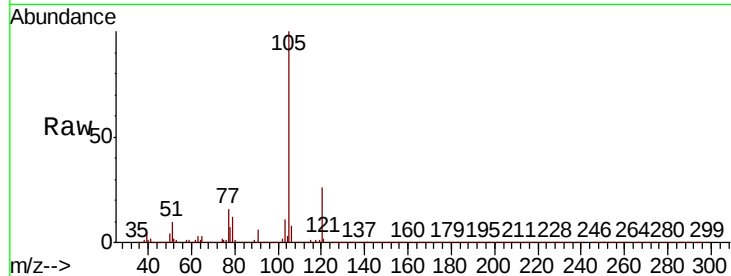
VSTDCCC050EC

Tot Ion:105 Resp: 2587679

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

500000

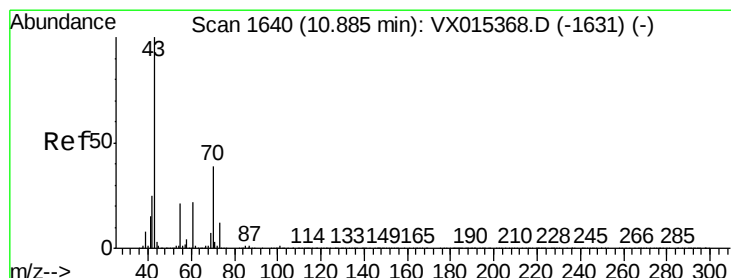
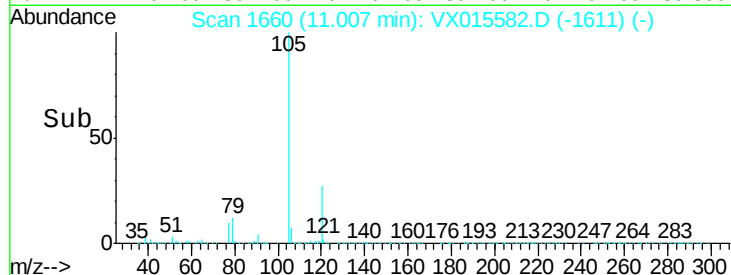
0

11.01

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 43.954 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Tgt Ion: 43 Resp: 1308097

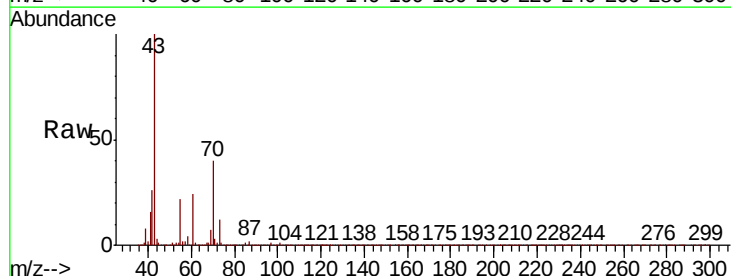
Ion Ratio Lower Upper

43 100

70 38.7 30.2 45.4

55 22.2 16.8 25.2

61 23.2 18.2 27.2



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

1500000

1000000

500000

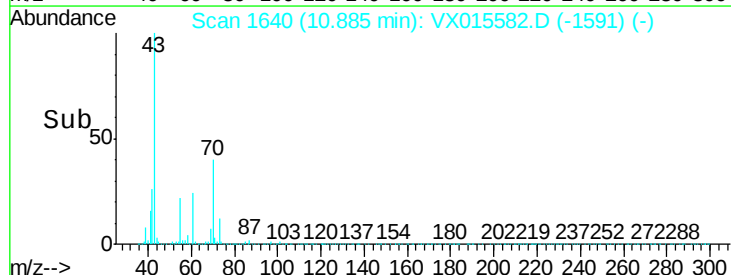
0

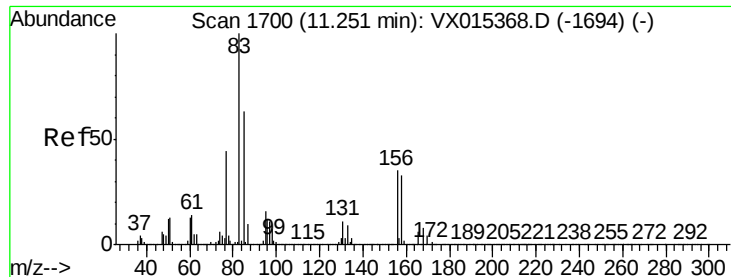
10.89

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.526 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

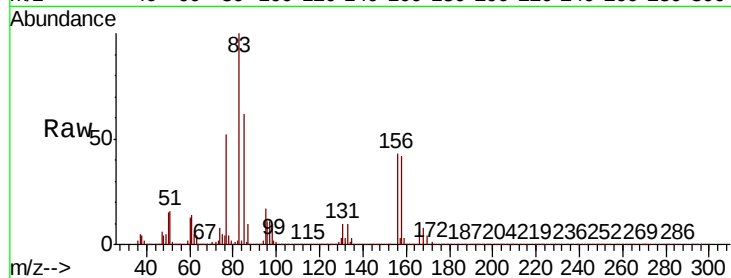
Tot Ion: 83 Resp: 835886

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

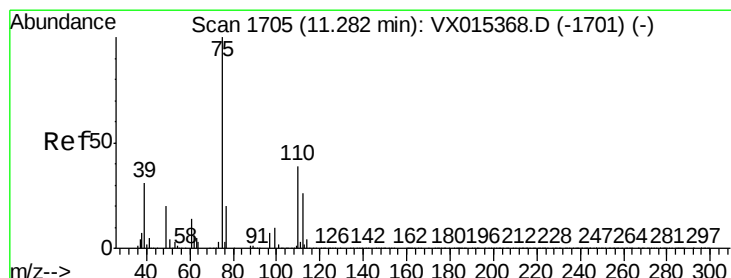
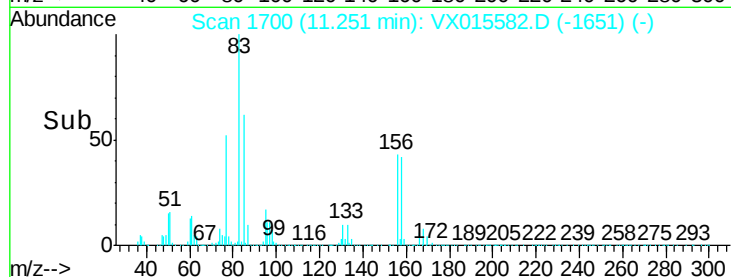
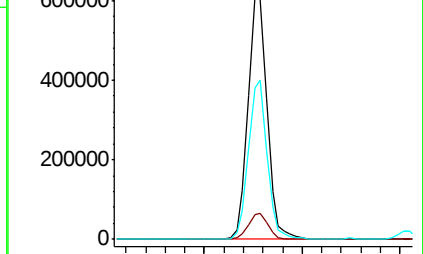
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX015582.D (-1651) (-)

Ion 130.80 (130.50 to 131.50): VX015582.D (-1651) (-)

Ion 84.90 (84.60 to 85.60): VX015582.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 60.006 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015582.D

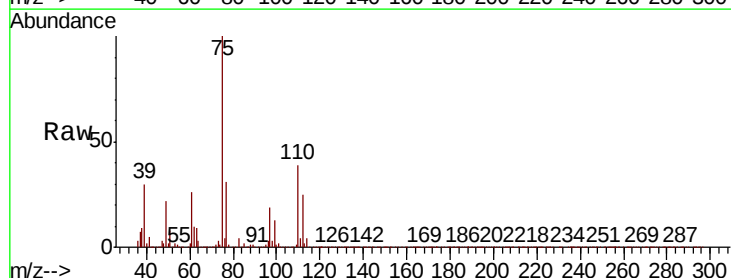
Acq: 08 Apr 2020 20:11

Tgt Ion: 75 Resp: 1007718

Ion Ratio Lower Upper

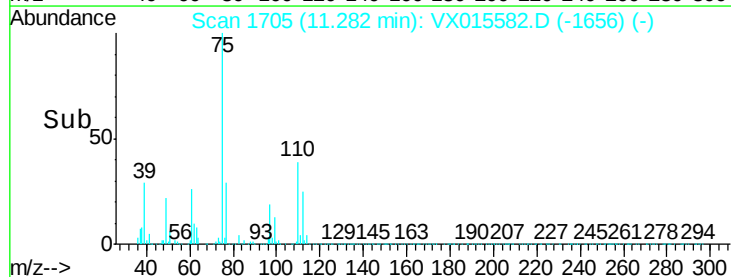
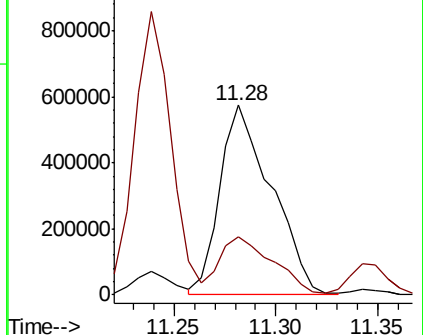
75 100

77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX015582.D (-1656) (-)

Ion 77.00 (76.70 to 77.70): VX015582.D (-1656) (-)





#77

Bromobenzene

Concen: 48.692 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

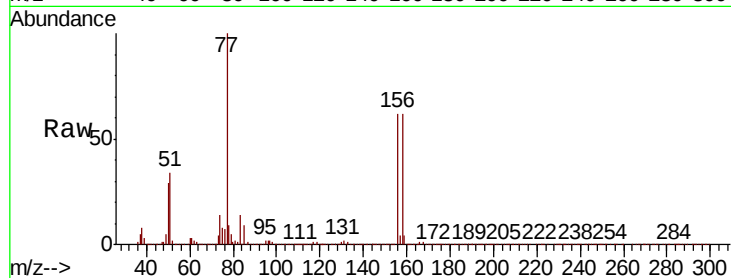
Tot Ion:156 Resp: 694967

Ion Ratio Lower Upper

156 100

77 153.6 82.2 246.5

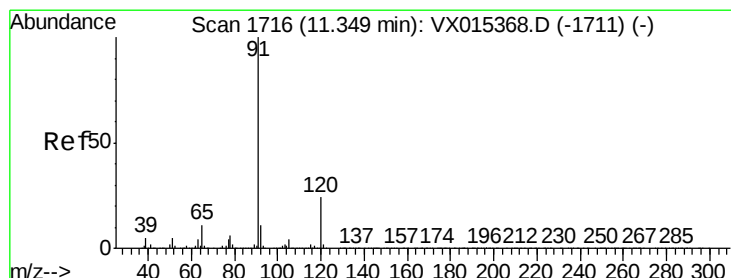
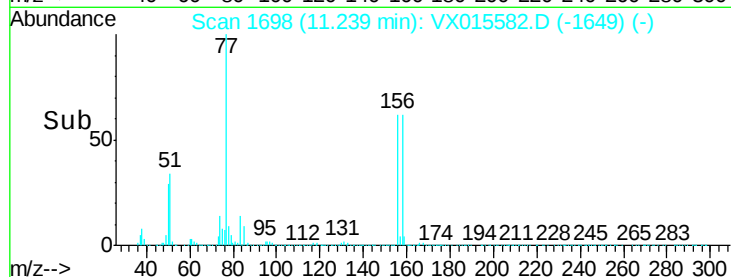
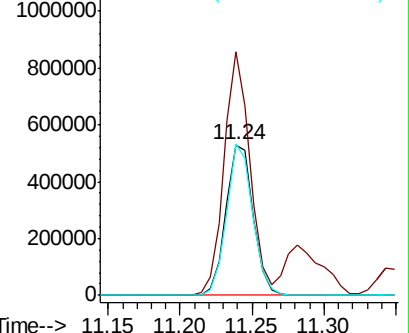
158 96.1 49.3 147.9



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: 47.855 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015582.D

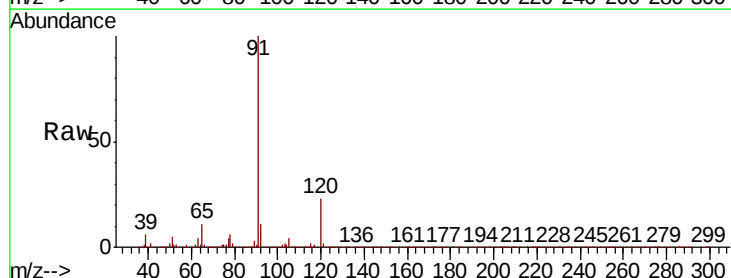
Acq: 08 Apr 2020 20:11

Tgt Ion: 91 Resp: 2928009

Ion Ratio Lower Upper

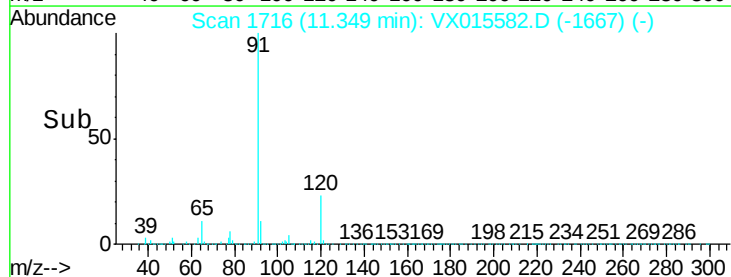
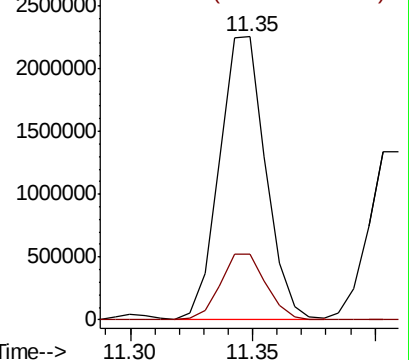
91 100

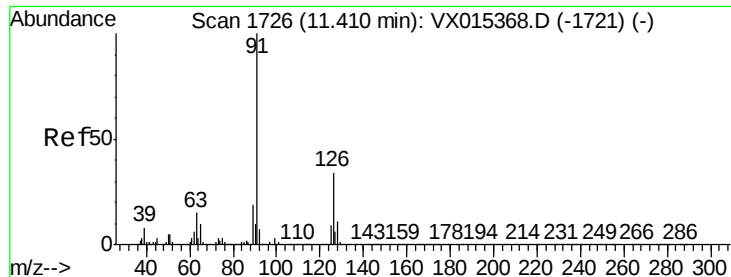
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

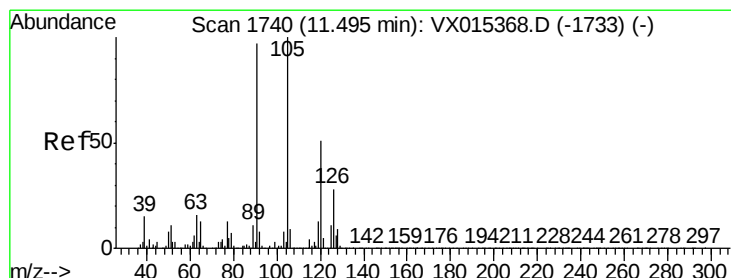
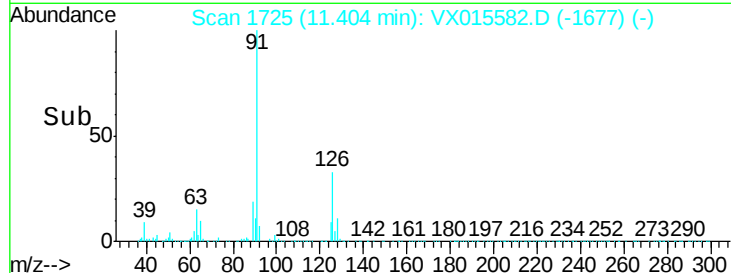
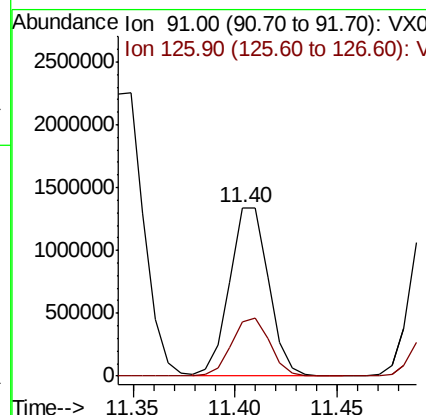
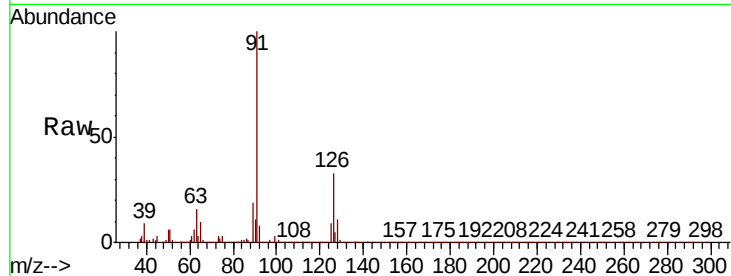




#79
 2-Chlorotoluene
 Concen: 47.004 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

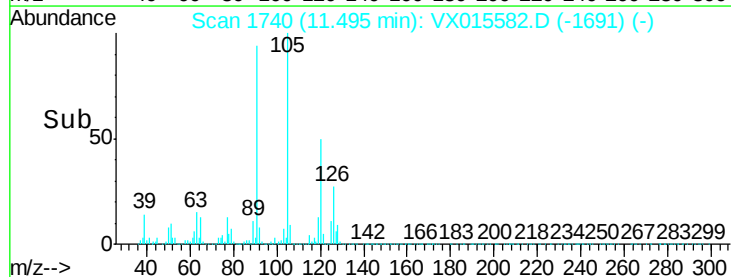
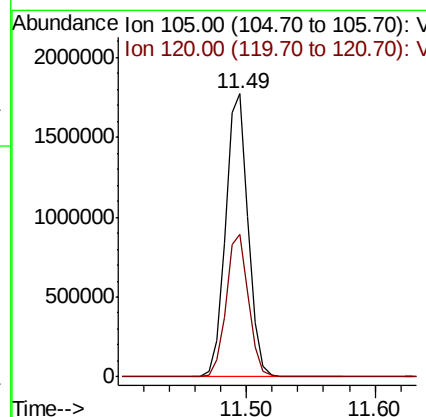
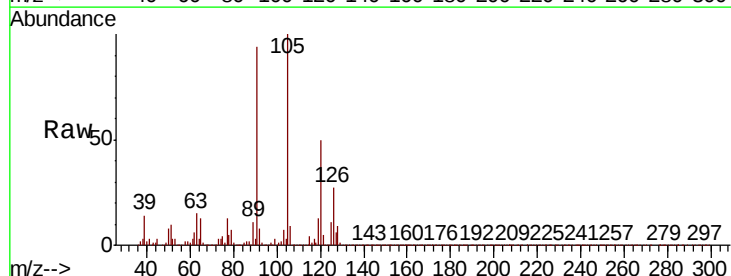
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

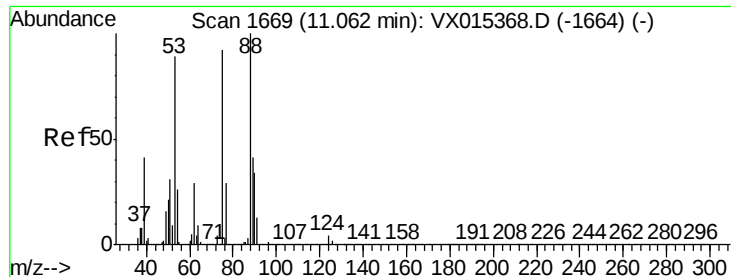
Tot Ion: 91 Resp: 1762740
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 47.750 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion: 105 Resp: 2182078
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.782 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

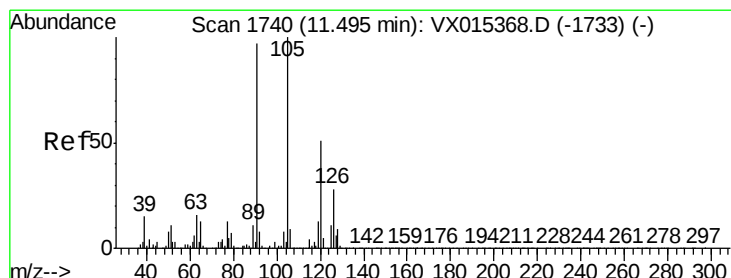
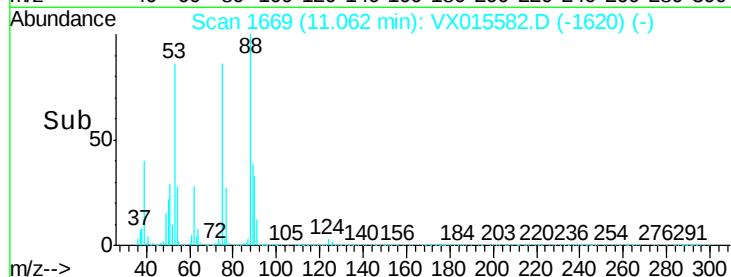
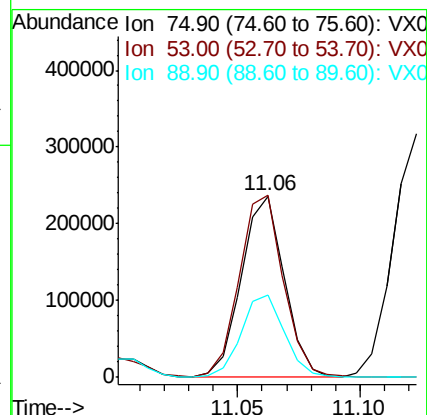
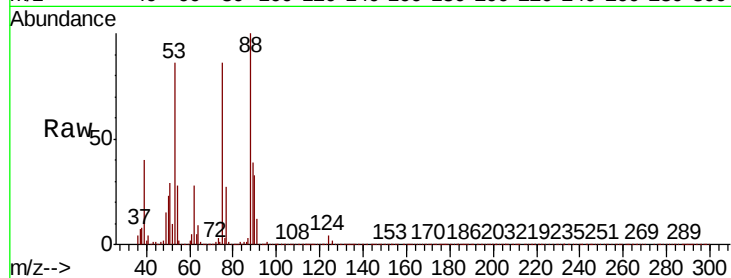
Tot Ion: 75 Resp: 285430

Ion Ratio Lower Upper

75 100

53 103.6 80.1 120.1

89 46.2 36.1 54.1



#82

4-Chlorotoluene

Concen: 47.161 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015582.D

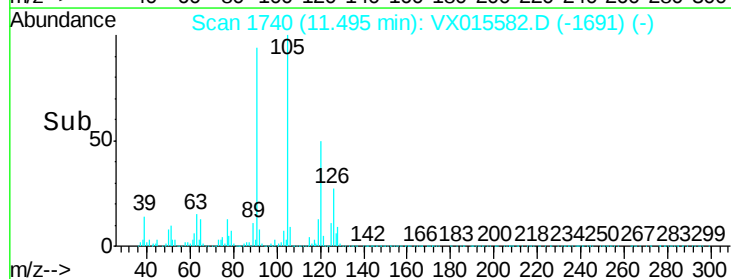
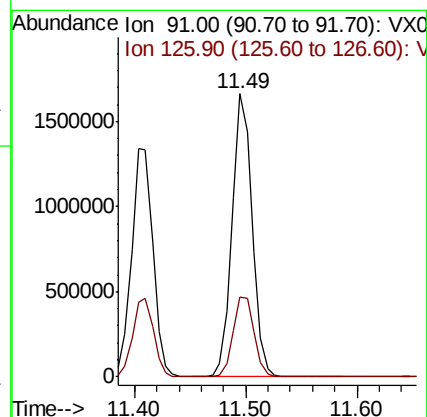
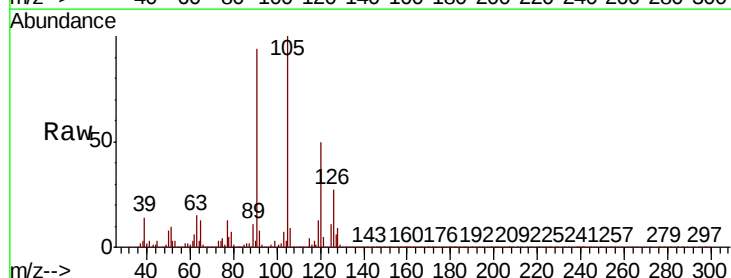
Acq: 08 Apr 2020 20:11

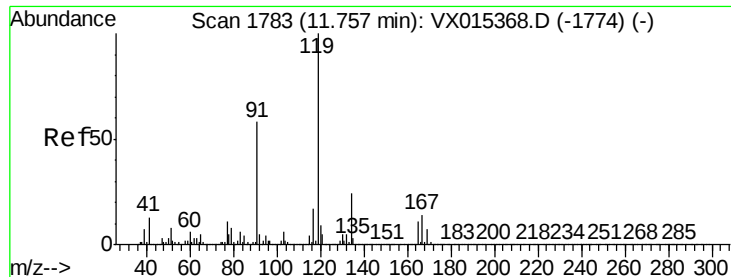
Tgt Ion: 91 Resp: 2073369

Ion Ratio Lower Upper

91 100

126 29.7 14.7 44.1





#83

tert-Butylbenzene

Concen: 48.658 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

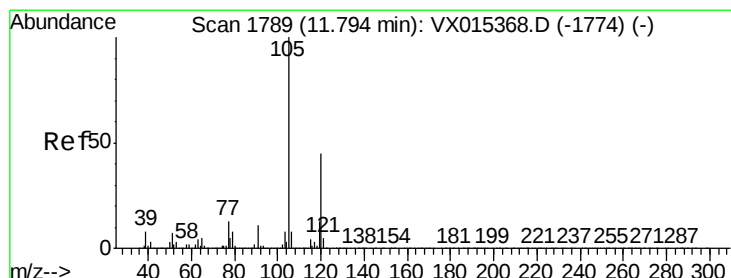
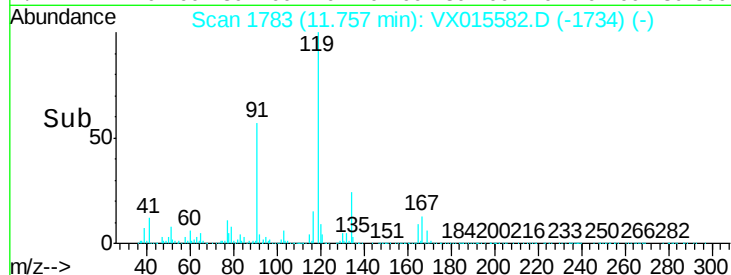
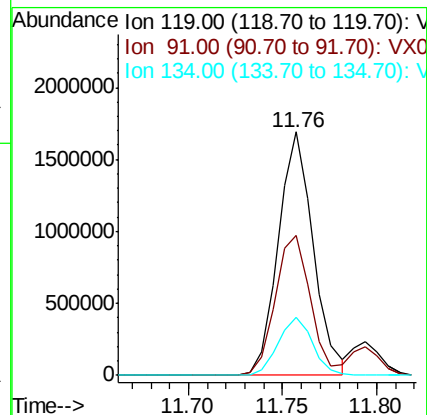
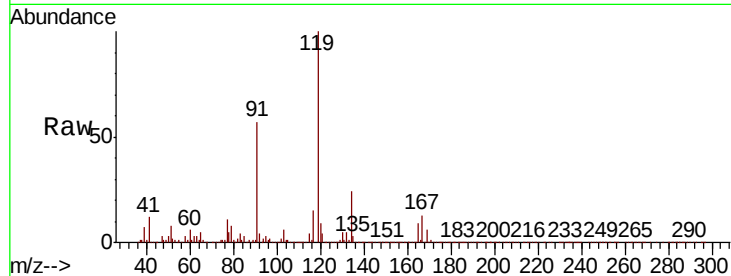
Tot Ion:119 Resp: 2171948

Ion Ratio Lower Upper

119 100

91 58.3 28.6 85.8

134 23.5 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 47.839 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015582.D

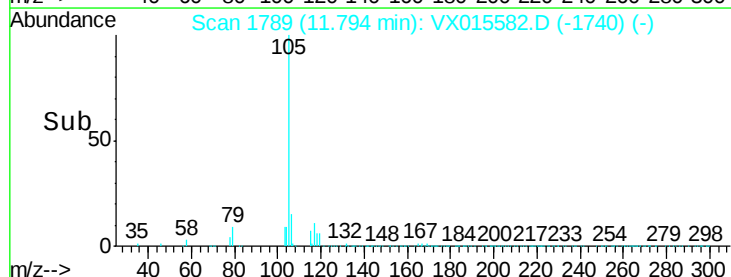
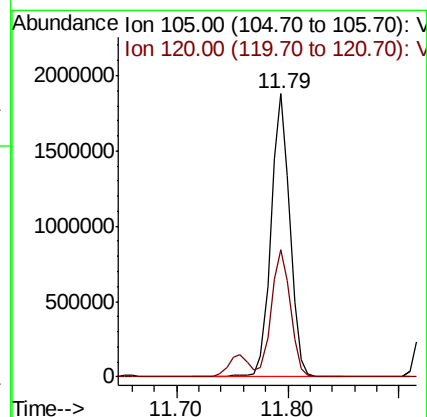
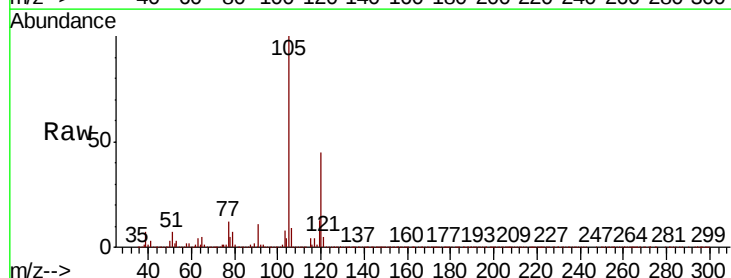
Acq: 08 Apr 2020 20:11

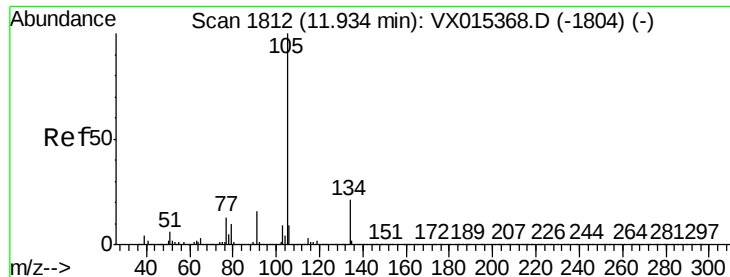
Tgt Ion:105 Resp: 2227757

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.613 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

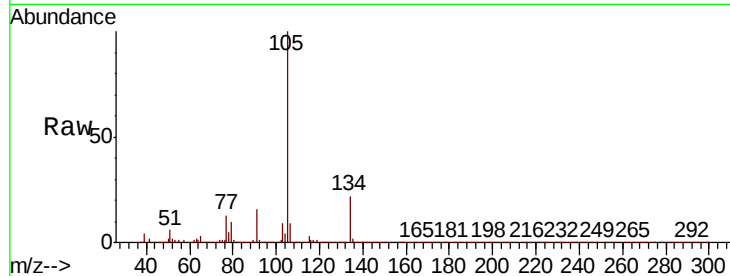
VSTDCCC050EC

Tot Ion:105 Resp: 2457969

Ion Ratio Lower Upper

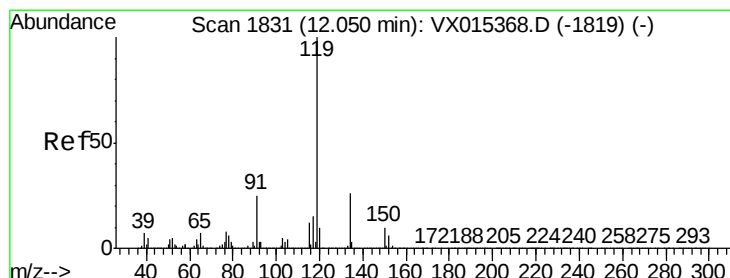
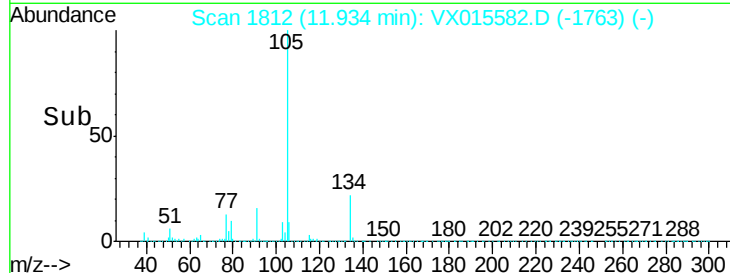
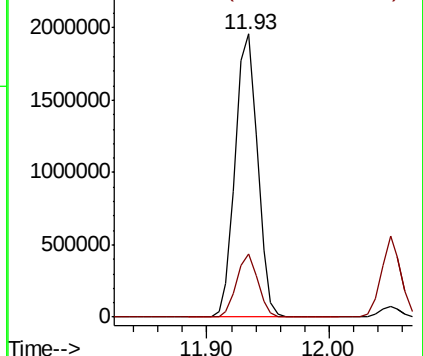
105 100

134 21.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.150 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

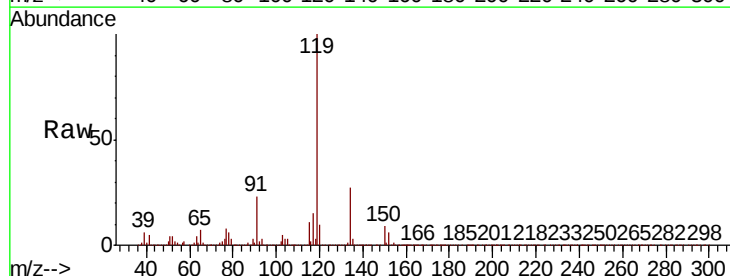
Tgt Ion:119 Resp: 2355545

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

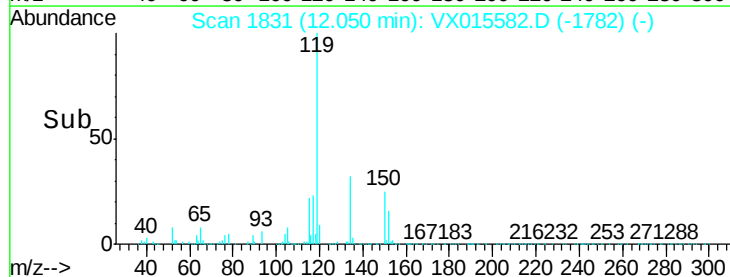
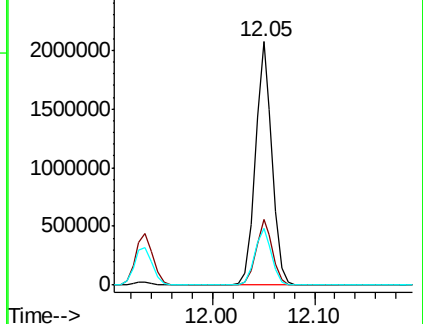
91 23.9 12.4 37.4

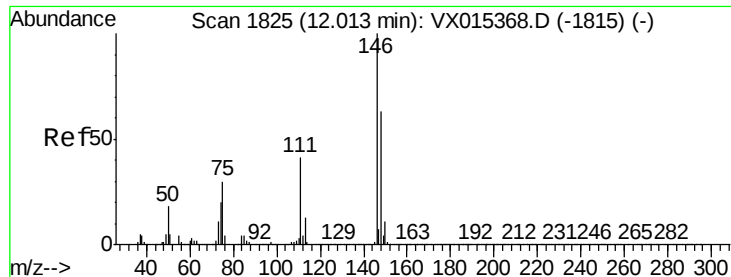


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

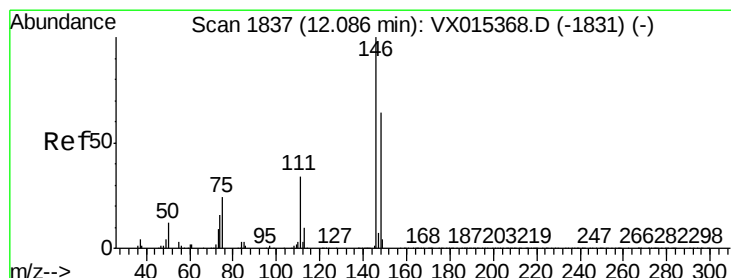
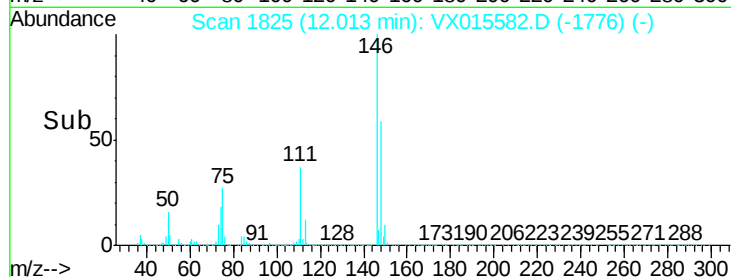
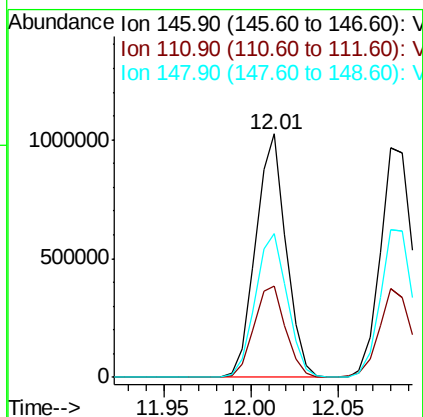
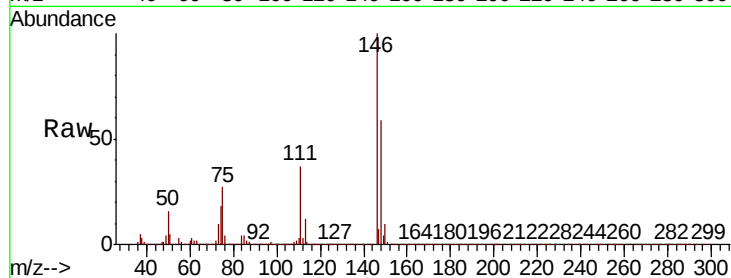




#87
 1,3-Dichlorobenzene
 Concen: 48.431 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

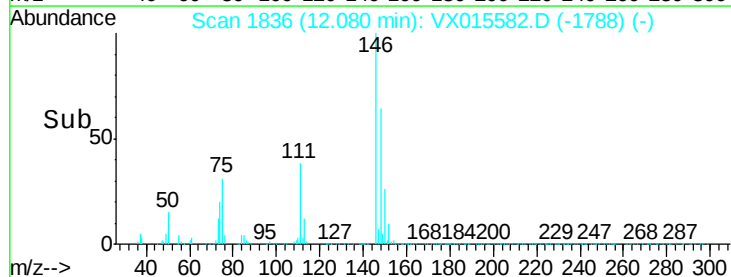
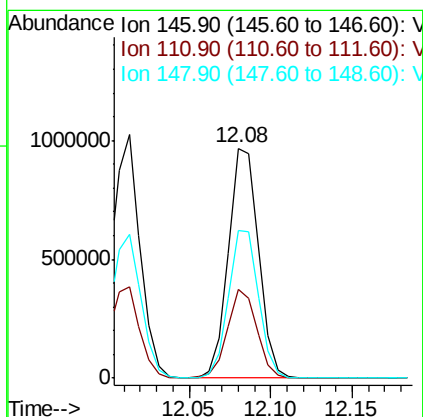
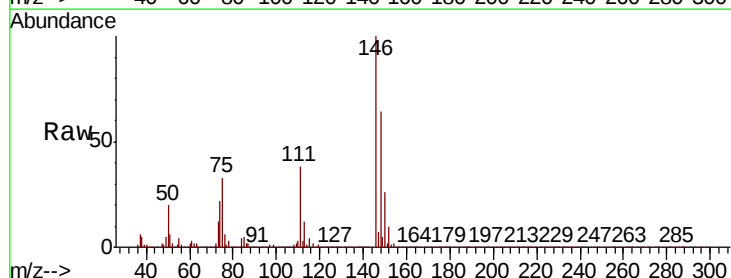
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

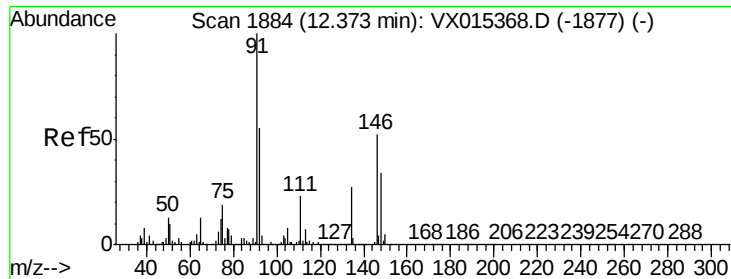
Tot Ion:146 Resp: 1237452
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.9
 148 62.0 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 47.587 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion:146 Resp: 1238497
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.5
 148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 47.750 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015582.D

Acq: 08 Apr 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

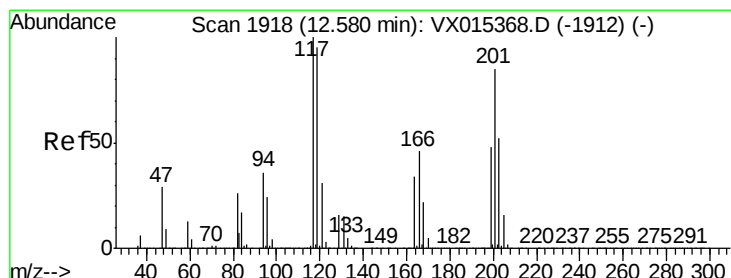
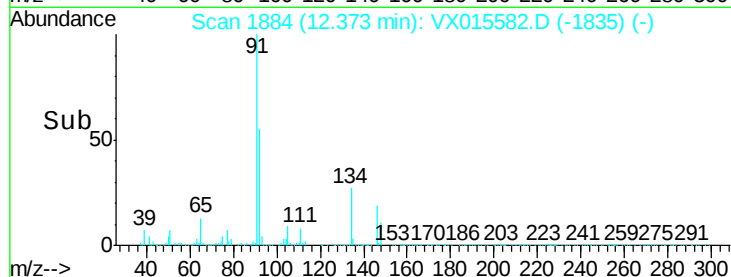
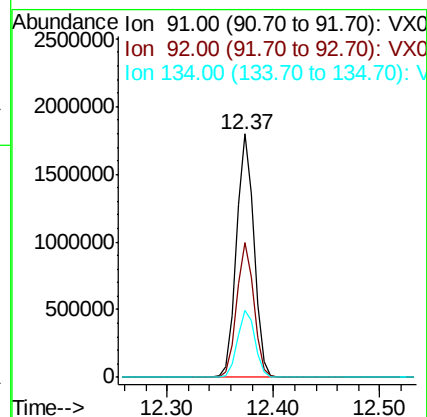
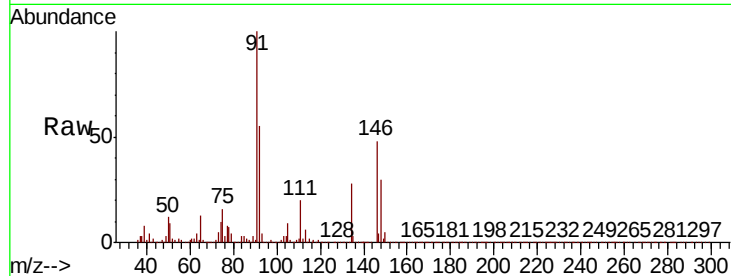
Tot Ion: 91 Resp: 2067983

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 27.9 13.4 40.2



#90

Hexachloroethane

Concen: 45.023 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015582.D

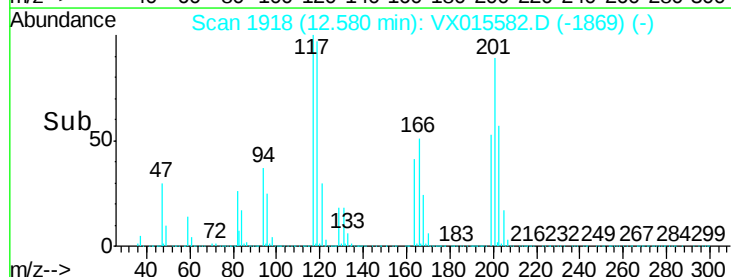
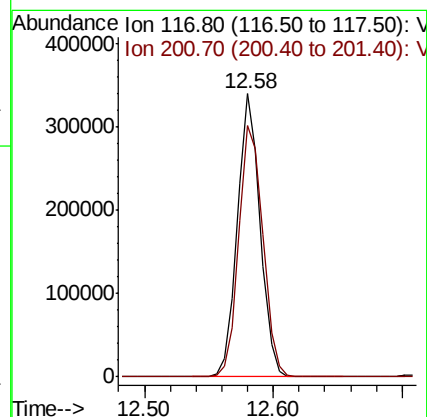
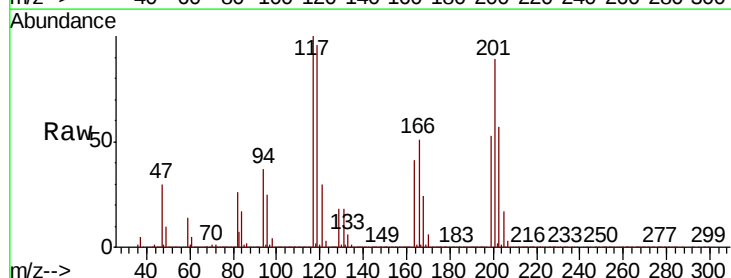
Acq: 08 Apr 2020 20:11

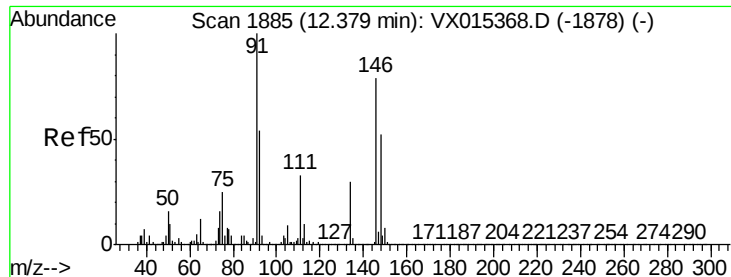
Tgt Ion: 117 Resp: 419974

Ion Ratio Lower Upper

117 100

201 93.9 42.6 128.0

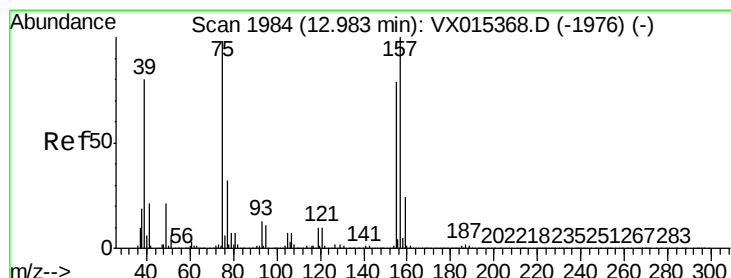
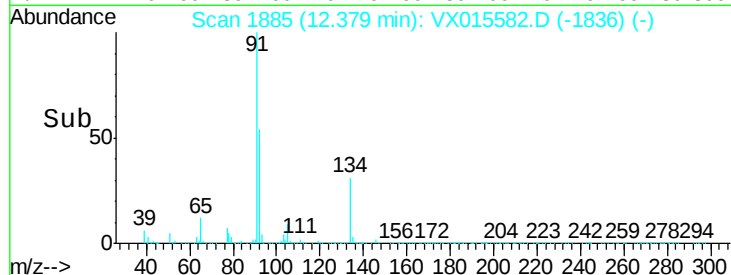
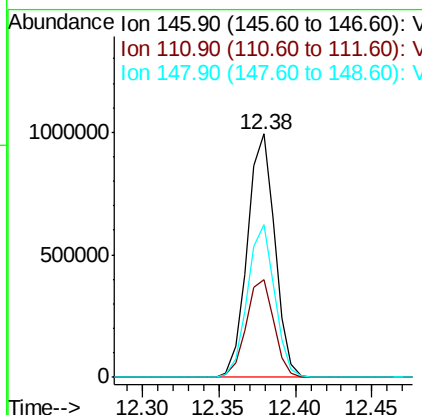
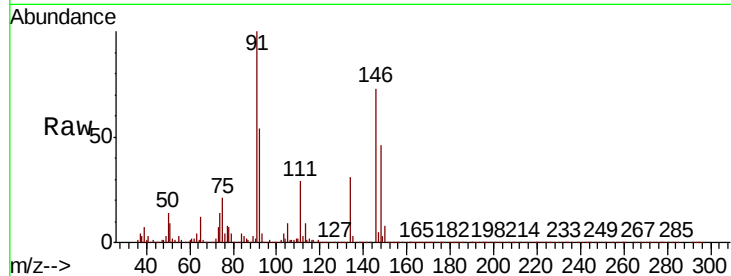




#91
 1,2-Dichlorobenzene
 Concen: 49.567 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

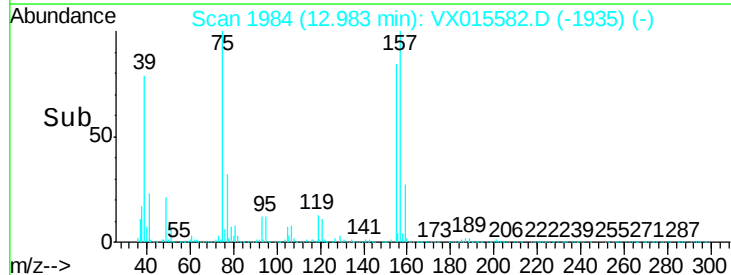
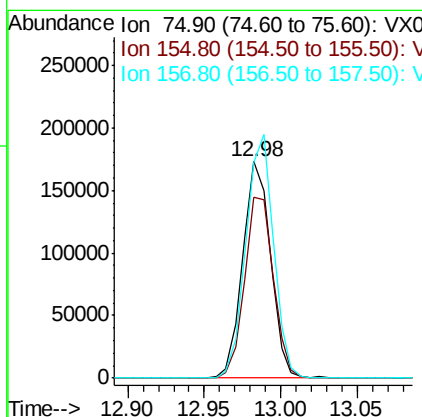
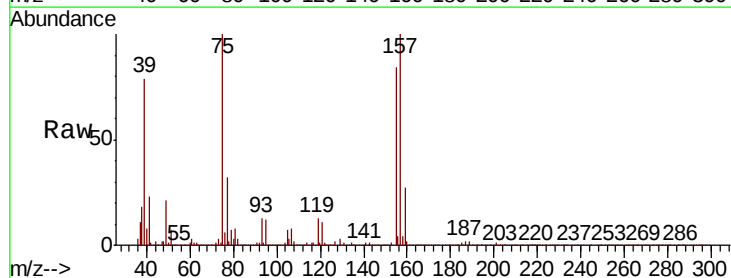
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

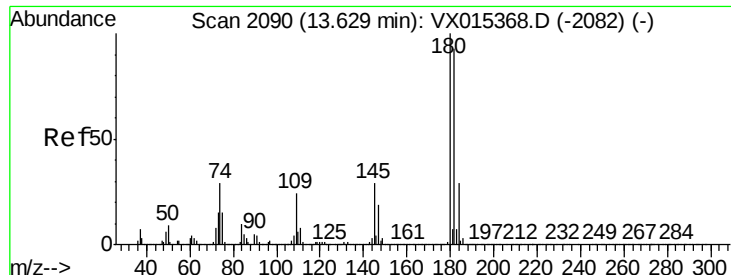
Tot Ion:146 Resp: 1239431
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.0 63.0
 148 61.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.462 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion: 75 Resp: 220047
 Ion Ratio Lower Upper
 75 100
 155 86.6 42.8 128.4
 157 110.9 53.4 160.3

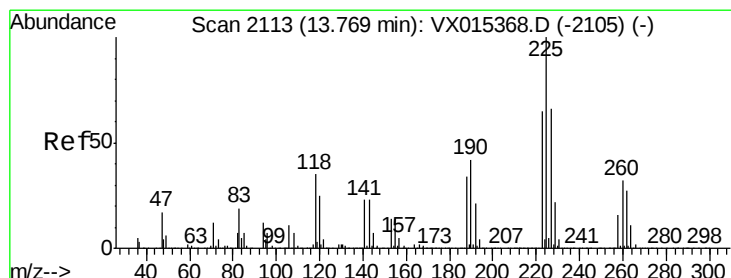
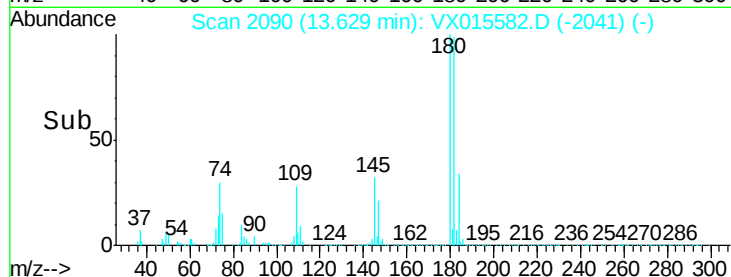
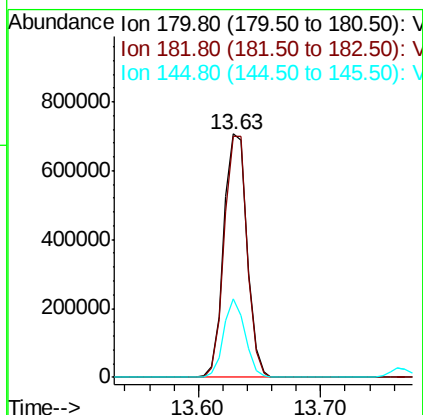
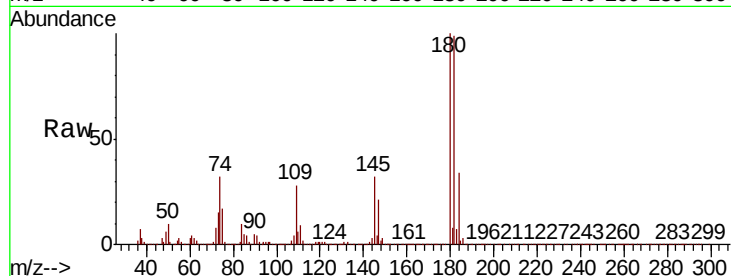




#93
 1,2,4-Trichlorobenzene
 Concen: 46.919 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

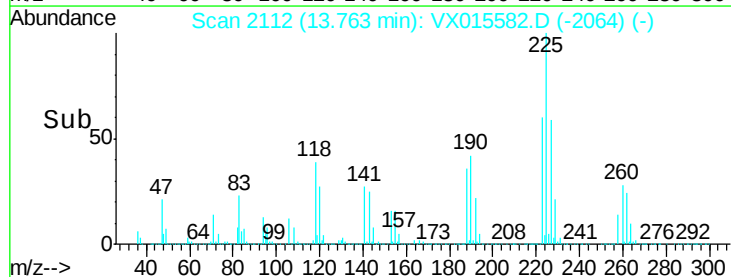
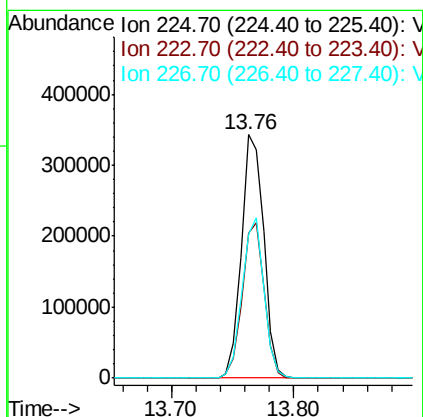
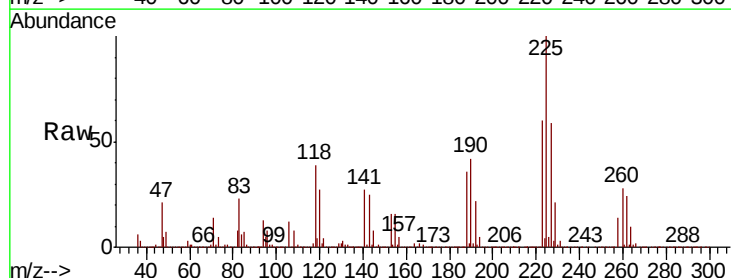
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 928007
 Ion Ratio Lower Upper
 180 100
 182 97.3 46.9 140.7
 145 29.5 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 45.687 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015582.D
 Acq: 08 Apr 2020 20:11

Tgt Ion:225 Resp: 430232
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 64.2 30.4 91.3

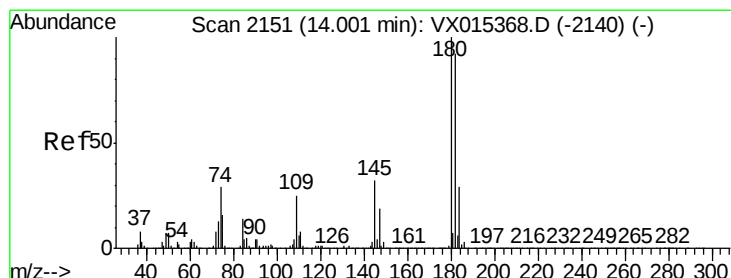
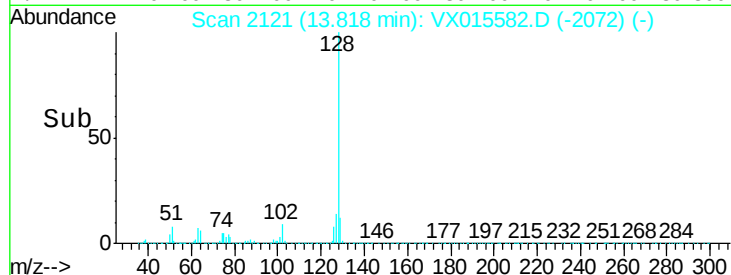
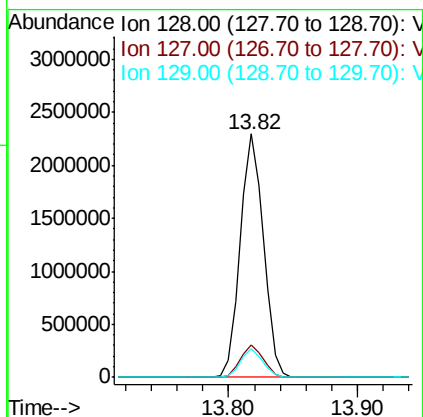
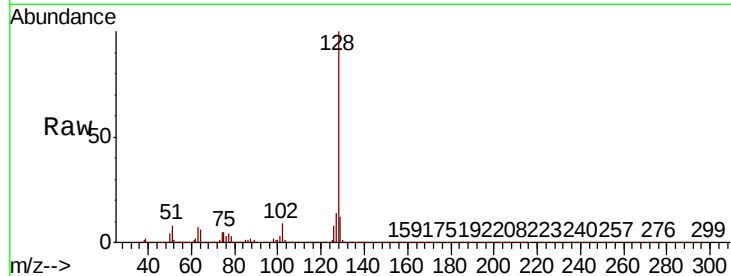




#95
Naphthalene
Concen: 47.524 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 2867257
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.456 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015582.D
Acq: 08 Apr 2020 20:11

Tgt Ion:180 Resp: 960833
Ion Ratio Lower Upper
180 100
182 95.5 46.7 140.0
145 30.4 15.8 47.3

