

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO040620\
 Data File : VX015501.D
 Acq On : 06 Apr 2020 10:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 07 04:56:31 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	5.63	168	1195577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1766897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1618472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	867303	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	748477	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	
35) Dibromofluoromethane	5.46	113	548901	48.60	ug/l	-0.01
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.70	98	2042261	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.12	95	844241	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	534114	50.707	ug/l	99
3) Chloromethane	1.31	50	606048	45.180	ug/l	99
4) Vinyl Chloride	1.39	62	592458	48.101	ug/l	99
5) Bromomethane	1.62	94	268182	46.701	ug/l	99
6) Chloroethane	1.70	64	364237	47.681	ug/l	100
7) Trichlorofluoromethane	1.91	101	847230	51.291	ug/l	100
8) Diethyl Ether	2.17	74	323440	46.423	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	555413	51.579	ug/l	98
10) Methyl Iodide	2.49	142	641808	44.207	ug/l	98
11) Tert butyl alcohol	3.01	59	767243	190.096	ug/l	99
12) 1,1-Dichloroethene	2.36	96	538421	47.701	ug/l	100
13) Acrolein	2.27	56	527511	229.439	ug/l	99
14) Allyl chloride	2.70	41	1226520	46.504	ug/l	98
15) Acrylonitrile	3.11	53	1646096	213.859	ug/l	99
16) Acetone	2.42	43	1636780	225.936	ug/l	100
17) Carbon Disulfide	2.55	76	1590307	46.185	ug/l	99
18) Methyl Acetate	2.75	43	793678	42.925	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2027683	46.318	ug/l	100
20) Methylene Chloride	2.83	84	610013	45.081	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	587052	46.863	ug/l	97
22) Diisopropyl ether	3.83	45	2218785	47.476	ug/l	88
23) Vinyl Acetate	3.78	43	9715070	229.595	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1141728	46.399	ug/l	99
25) 2-Butanone	4.63	43	2464006	211.492	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1073966	53.173	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	678430	46.811	ug/l	97
28) Bromochloromethane	4.98	49	531038	45.201	ug/l	100
29) Tetrahydrofuran	5.09	42	1535169	204.967	ug/l	100
30) Chloroform	5.17	83	1113661	47.042	ug/l	98
31) Cyclohexane	5.55	56	1070962	50.171	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	1038828	48.487	ug/l	99
36) 1,1-Dichloropropene	5.77	75	857483	52.671	ug/l	100
37) Ethyl Acetate	4.79	43	968219	45.676	ug/l	100
38) Carbon Tetrachloride	5.75	117	929516	52.715	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1057230	56.323	ug/l	99
40) Benzene	6.11	78	2423126	50.811	ug/l	97
41) Methacrylonitrile	5.00	41	560984	47.673	ug/l	99
42) 1,2-Dichloroethane	6.16	62	970271	50.652	ug/l	100
43) Isopropyl Acetate	6.41	43	1706654	47.693	ug/l	100
44) Trichloroethene	7.18	130	687757	52.881	ug/l	98
45) 1,2-Dichloropropane	7.49	63	656395	50.315	ug/l	98
46) Dibromomethane	7.64	93	426782	49.871	ug/l	99
47) Bromodichloromethane	7.87	83	937969	51.439	ug/l	97
48) Methyl methacrylate	7.75	41	849466	47.526	ug/l	99
49) 1,4-Dioxane	7.71	88	314839	944.235	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4744500	233.956	ug/l	100
52) Toluene	8.76	92	1551635	52.775	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1089320	50.936	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1133227	52.018	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	609936	50.635	ug/l	98
56) Ethyl methacrylate	9.16	69	1050035	49.462	ug/l	100
57) 1,3-Dichloropropane	9.35	76	1065881	49.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2569918	248.879	ug/l	99
59) 2-Hexanone	9.47	43	3768140	246.113	ug/l	100
60) Dibromochloromethane	9.57	129	734985	50.777	ug/l	99
61) 1,2-Dibromoethane	9.65	107	657393	50.191	ug/l	99
64) Tetrachloroethene	9.32	164	672098	55.026	ug/l	98
65) Chlorobenzene	10.12	112	1694583	52.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	660150	51.195	ug/l	99
67) Ethyl Benzene	10.23	91	3040937	53.120	ug/l	99
68) m/p-Xylenes	10.34	106	2266746	106.336	ug/l	100
69) o-Xylene	10.68	106	1097360	52.095	ug/l	97
70) Styrene	10.70	104	1924618	51.923	ug/l	100
71) Bromoform	10.84	173	588440	50.128	ug/l #	98
73) Isopropylbenzene	11.00	105	2944564	51.816	ug/l	98
74) N-amyl acetate	10.88	43	1508030	47.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	913411	46.842	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1160365	65.060	ug/l	83
77) Bromobenzene	11.24	156	797970	52.643	ug/l	95
78) n-propylbenzene	11.34	91	3496361	53.806	ug/l	100
79) 2-Chlorotoluene	11.41	91	2067169	51.902	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2591116	53.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	363827	48.947	ug/l #	93
82) 4-Chlorotoluene	11.49	91	2465403	52.802	ug/l	99
83) tert-Butylbenzene	11.76	119	2541003	53.601	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2592610	52.422	ug/l	100
85) sec-Butylbenzene	11.93	105	3004953	54.808	ug/l	99
86) p-Isopropyltoluene	12.05	119	2834920	55.698	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1414843	52.139	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1432531	51.827	ug/l	99
89) n-Butylbenzene	12.37	91	2594477	56.407	ug/l	99
90) Hexachloroethane	12.58	117	517202	52.207	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1393618	52.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238981	43.422	ug/l	98

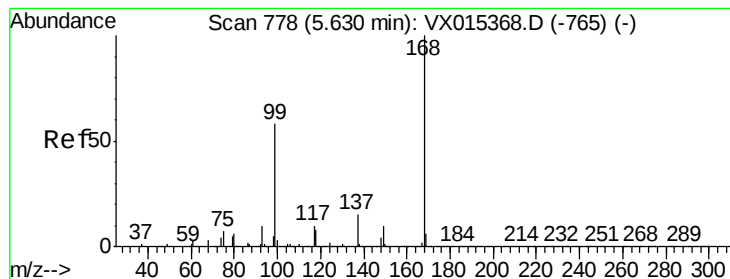
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1135754	54.069	ug/l	99
94) Hexachlorobutadiene	13.77	225	558987	55.893	ug/l	97
95) Naphthalene	13.82	128	3217833	50.220	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1122868	55.521	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

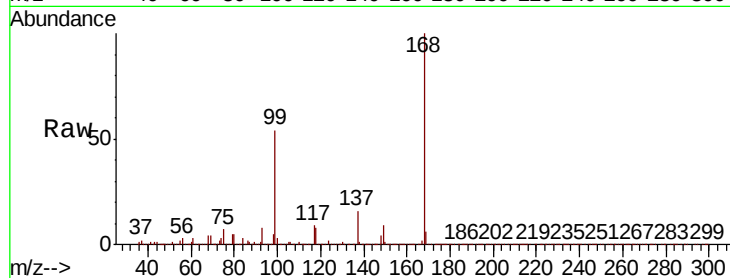
VSTDCCC050

Tot Ion:168 Resp: 1195577

Ion Ratio Lower Upper

168 100

99 53.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

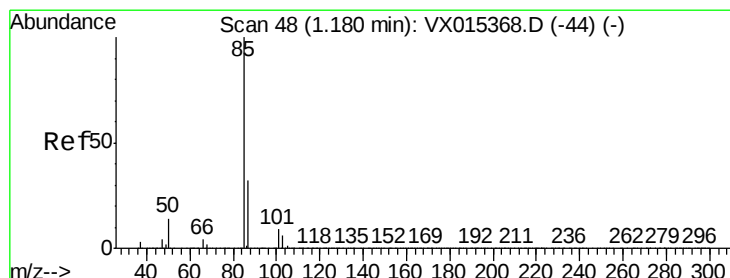
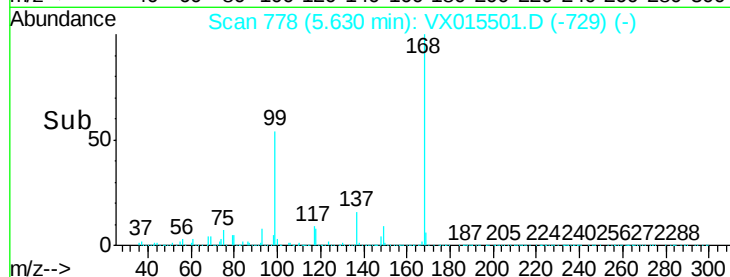
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.707 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015501.D

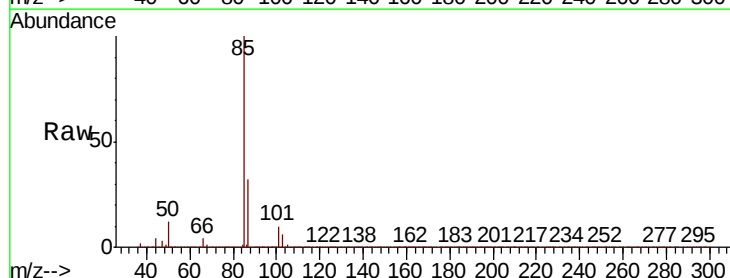
Acq: 06 Apr 2020 10:24

Tgt Ion: 85 Resp: 534114

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

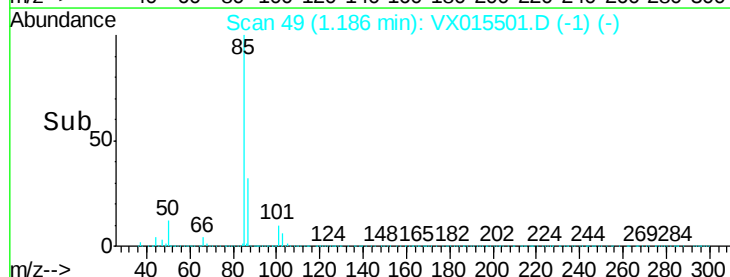
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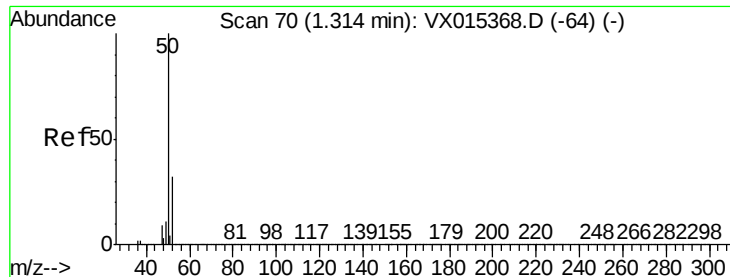
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.180 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

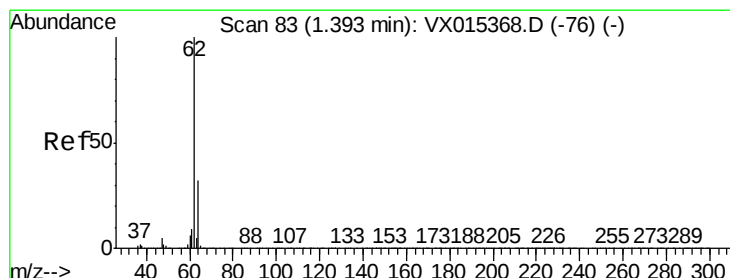
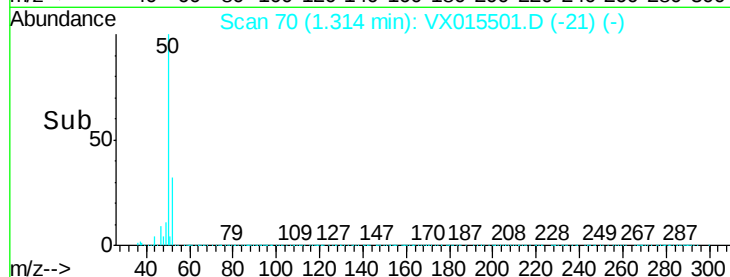
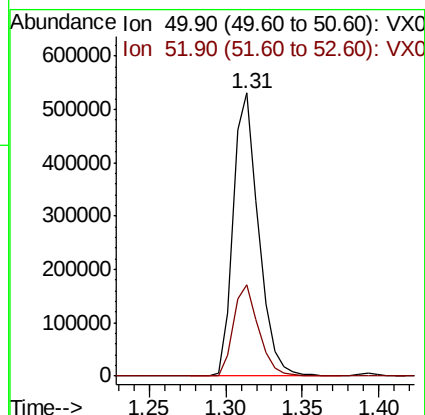
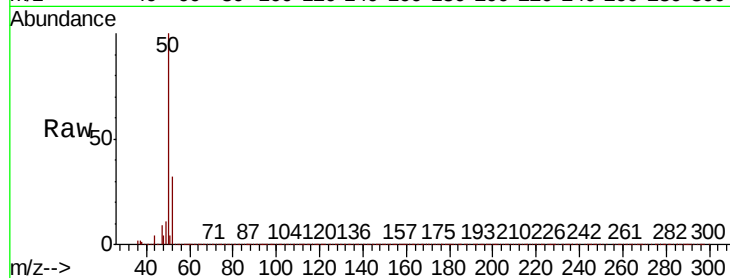
VSTDCCC050

Tot Ion: 50 Resp: 606048

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 48.101 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015501.D

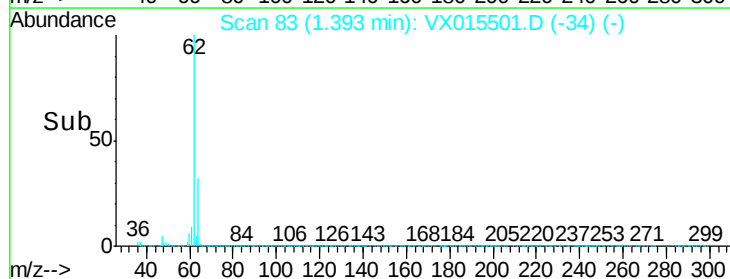
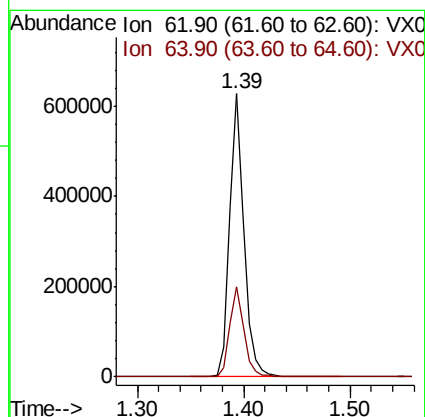
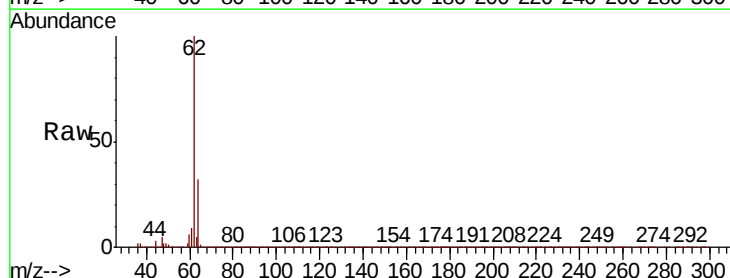
Acq: 06 Apr 2020 10:24

Tgt Ion: 62 Resp: 592458

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 46.701 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

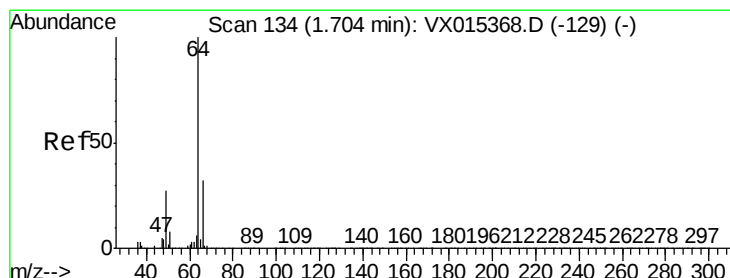
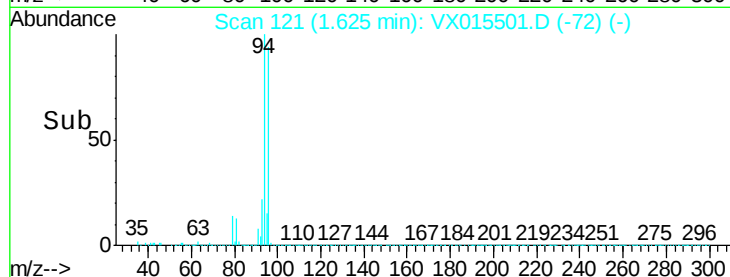
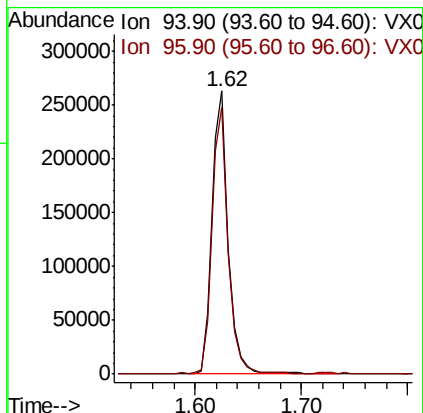
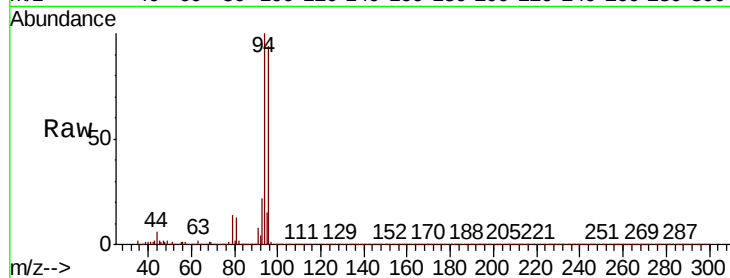
VSTDCCC050

Tot Ion: 94 Resp: 268182

Ion Ratio Lower Upper

94 100

96 94.1 74.8 112.2



#6

Chloroethane

Concen: 47.681 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015501.D

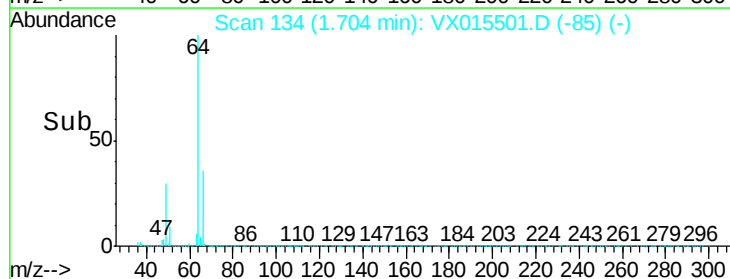
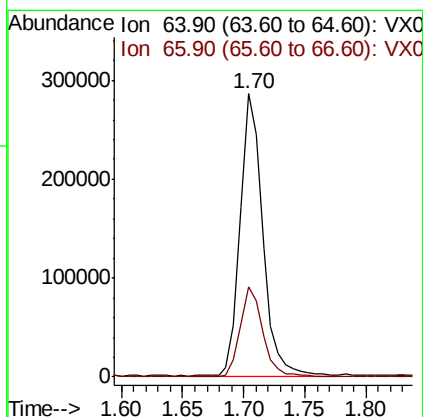
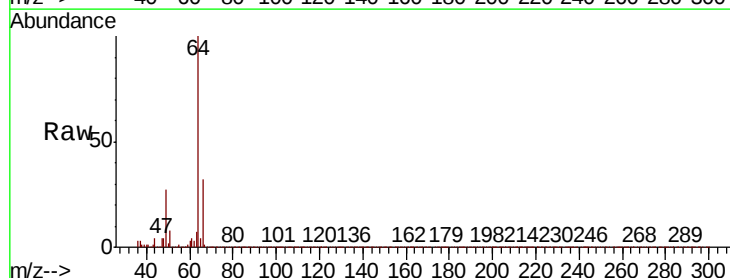
Acq: 06 Apr 2020 10:24

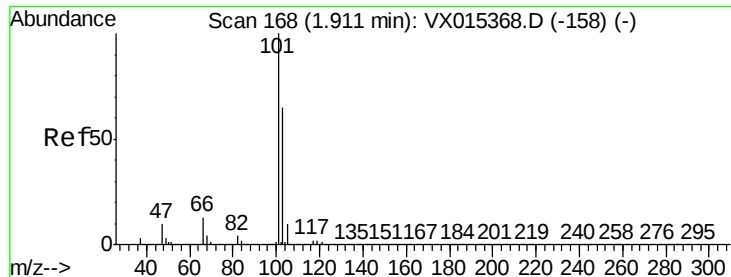
Tgt Ion: 64 Resp: 364237

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2



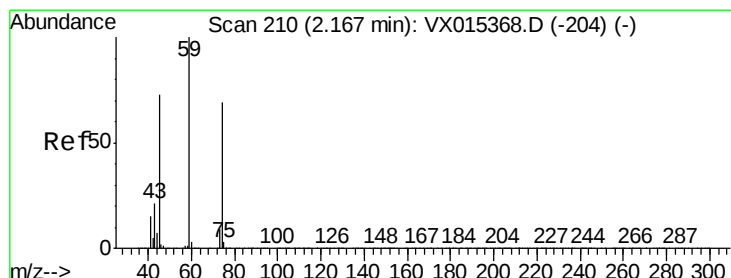
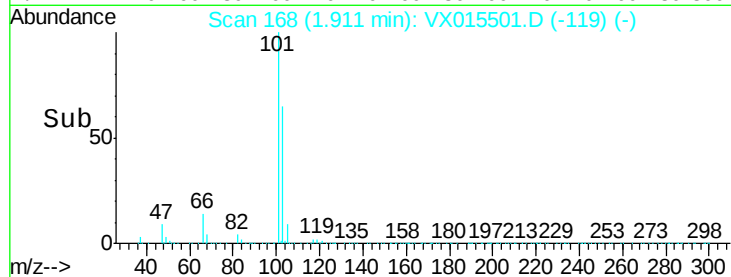
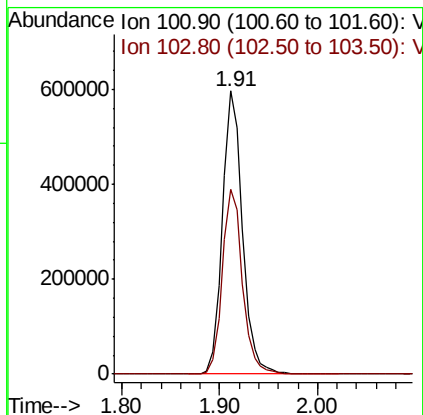
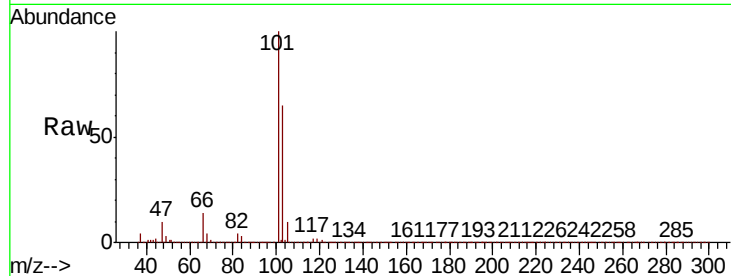


#7

Trichlorofluoromethane
Concen: 51.291 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015501.D
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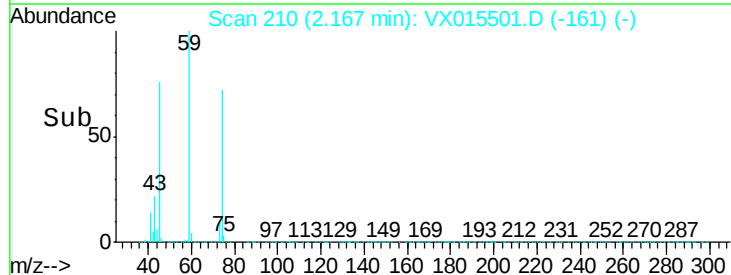
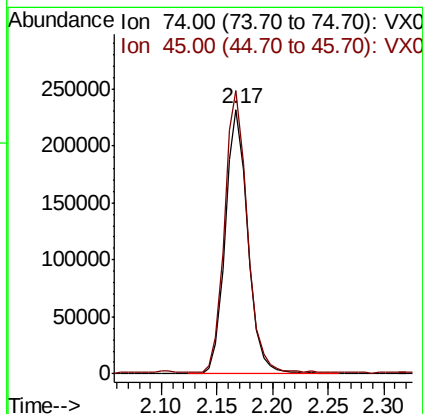
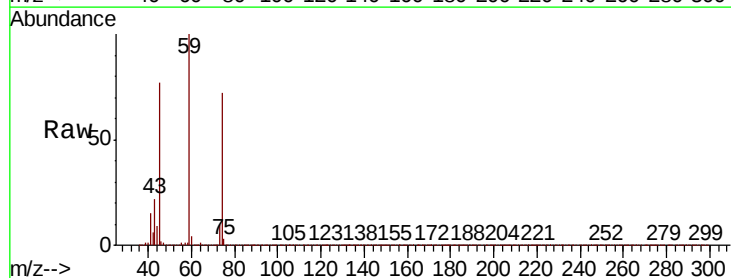
Tot Ion:101 Resp: 847230
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

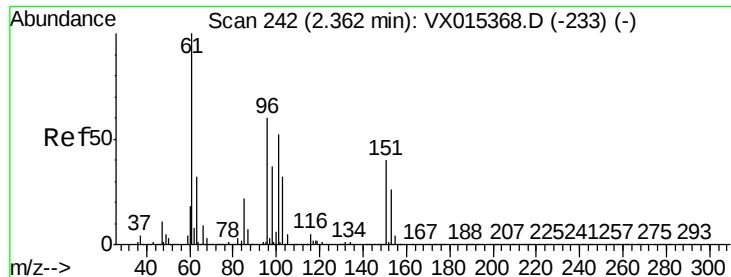


#8

Diethyl Ether
Concen: 46.423 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 74 Resp: 323440
Ion Ratio Lower Upper
74 100
45 107.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.579 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

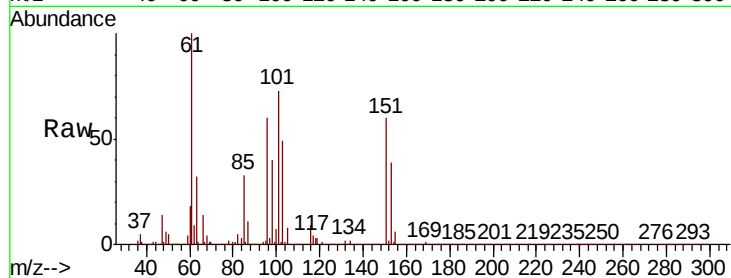
Tot Ion:101 Resp: 555413

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

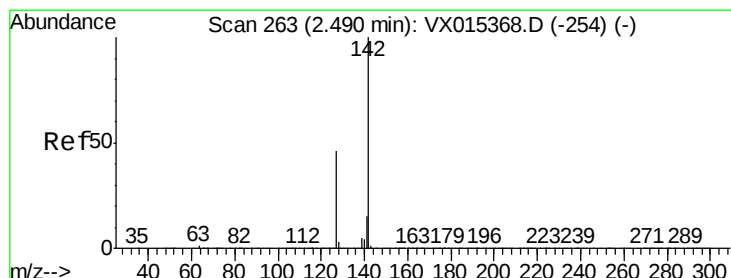
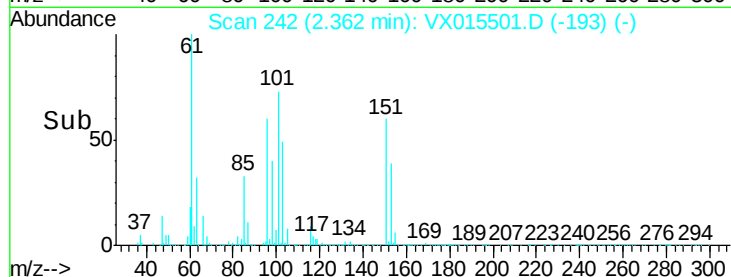
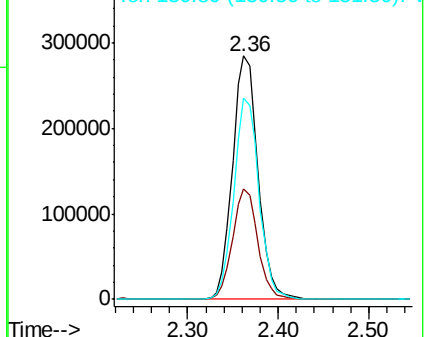
151 81.7 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.207 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

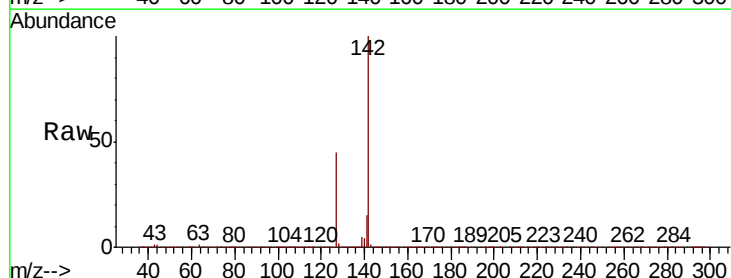
Tgt Ion:142 Resp: 641808

Ion Ratio Lower Upper

142 100

127 46.1 35.9 53.9

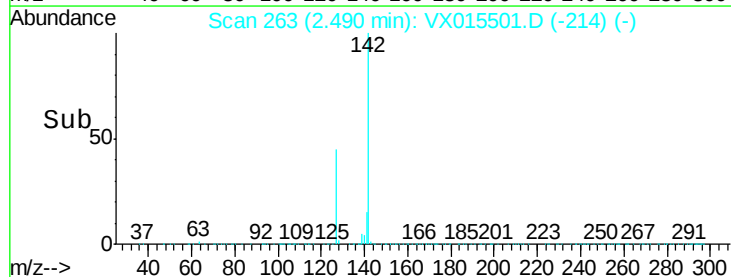
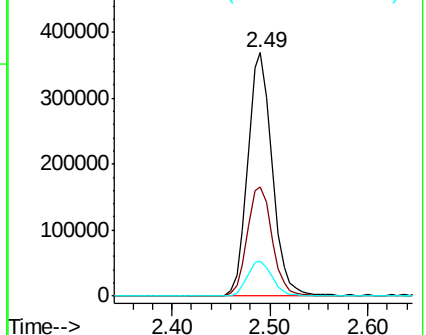
141 15.0 11.6 17.4

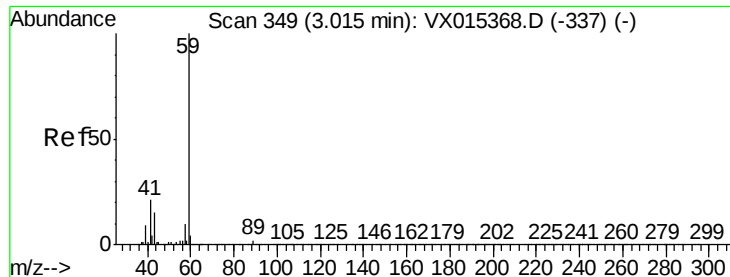


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

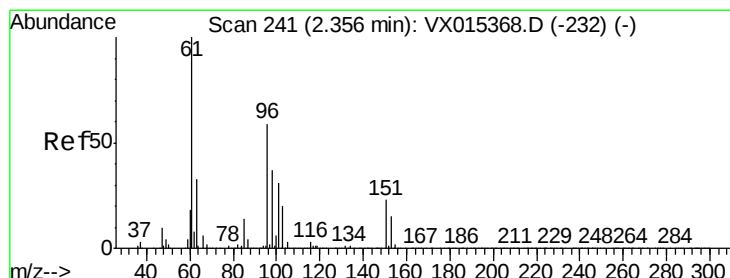
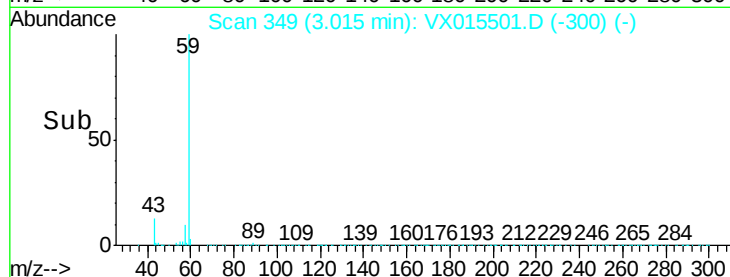
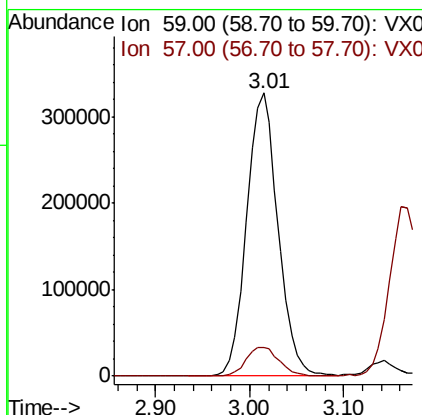
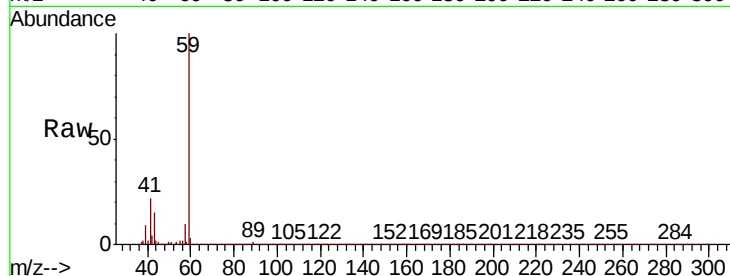




#11
Tert butyl alcohol
Concen: 190.096 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

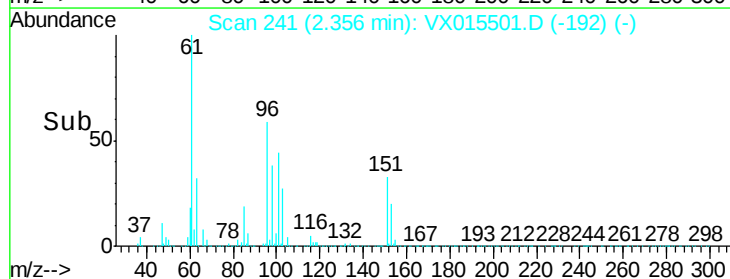
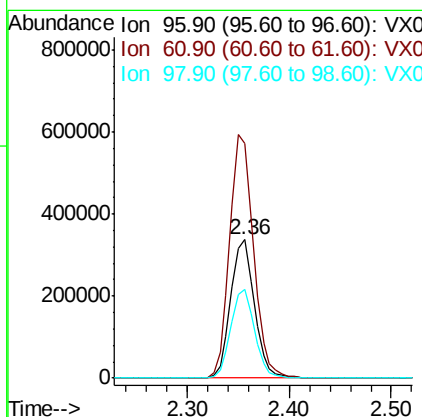
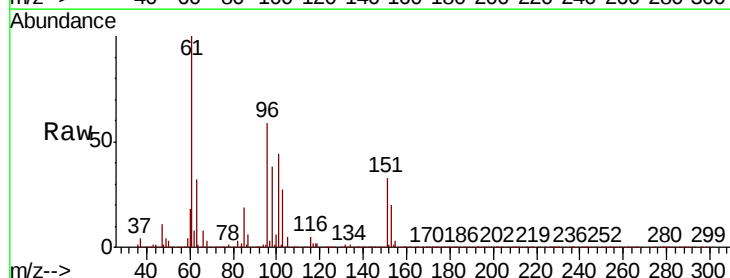
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

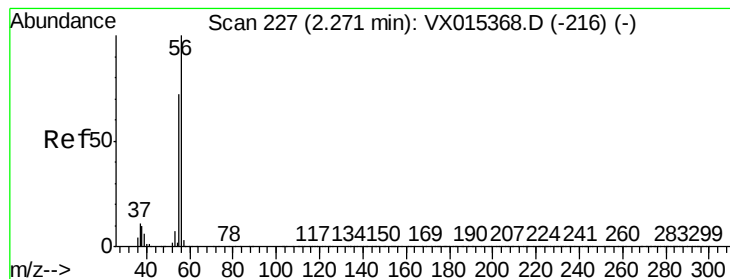
Tot Ion: 59 Resp: 767243
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.701 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 96 Resp: 538421
Ion Ratio Lower Upper
96 100
61 169.8 135.7 203.5
98 63.9 50.6 75.8





#13

Acrolein

Concen: 229.439 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

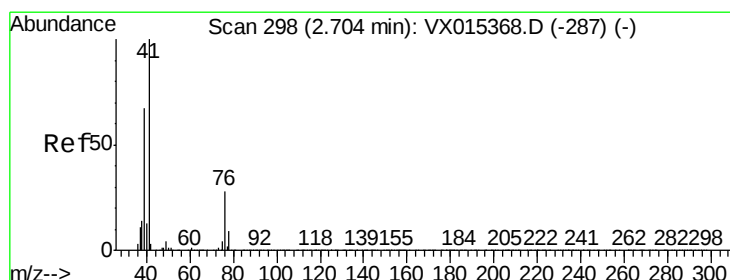
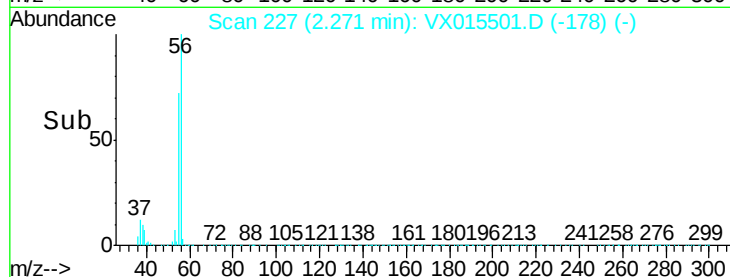
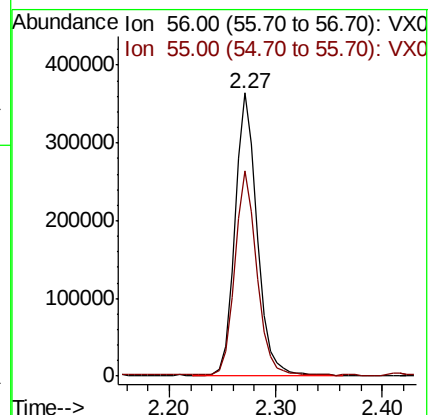
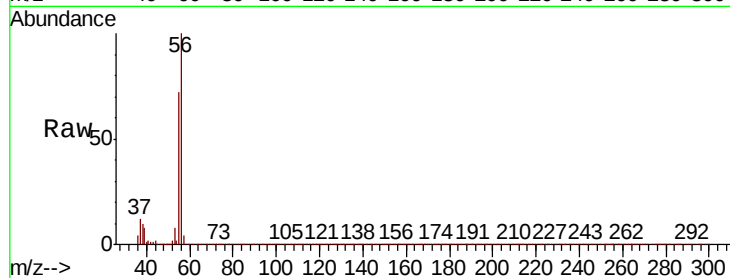
VSTDCCC050

Tot Ion: 56 Resp: 527511

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 46.504 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

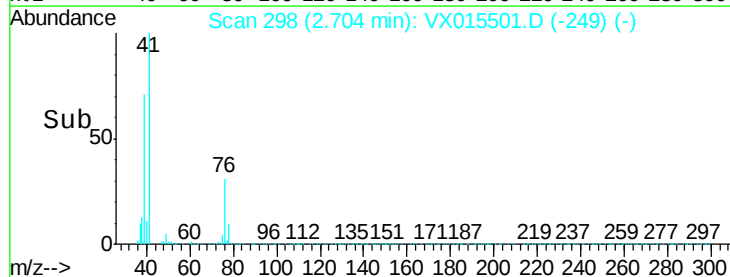
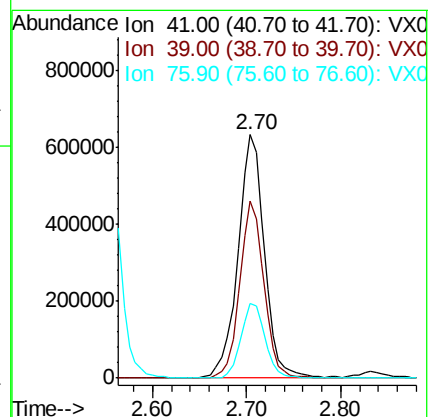
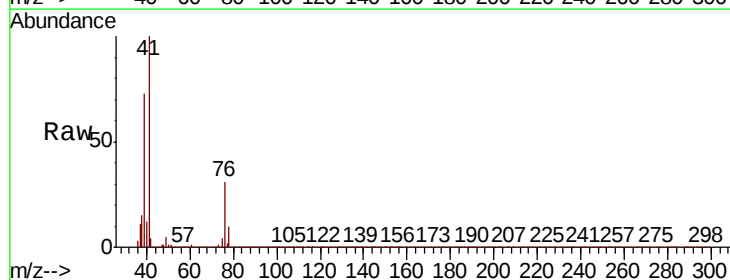
Tgt Ion: 41 Resp: 1226520

Ion Ratio Lower Upper

41 100

39 66.3 51.4 77.0

76 28.2 21.8 32.8



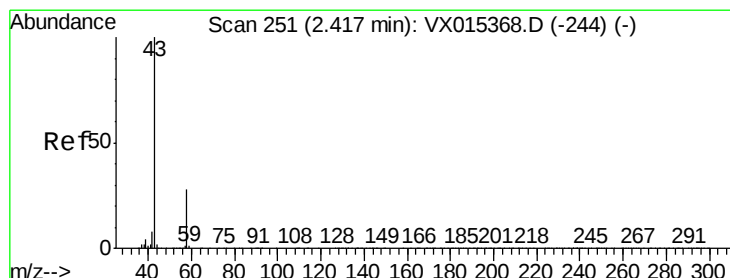
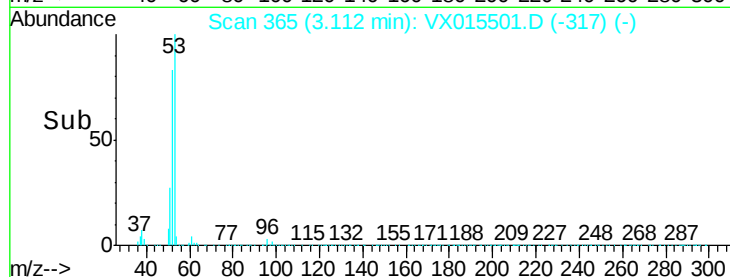
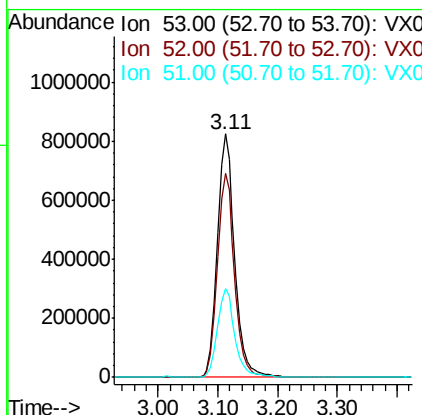
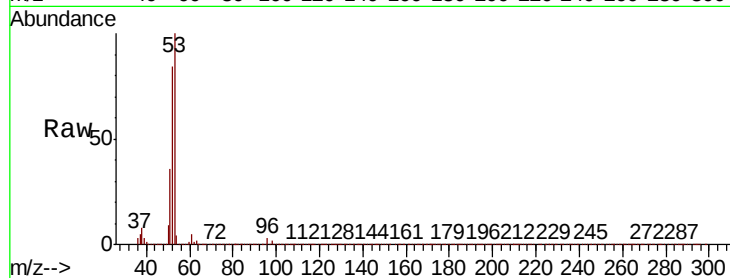


#15
 Acrylonitrile
 Concen: 213.859 ug/l
 RT: 3.11 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion: 53 Resp: 1646096

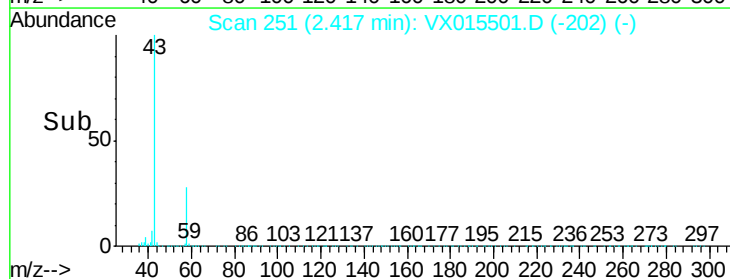
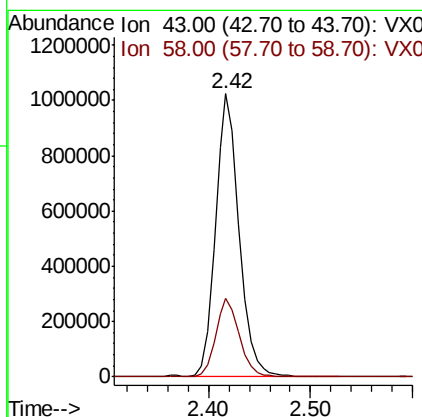
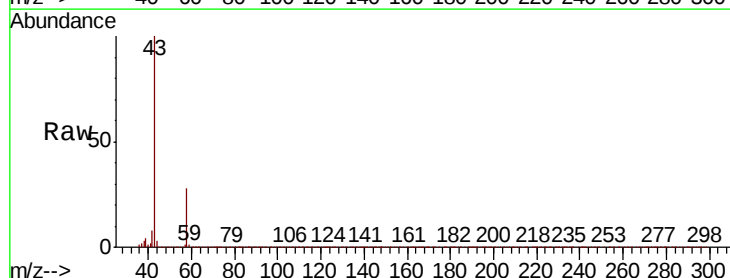
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.8	100.2
51	36.5	29.5	44.3

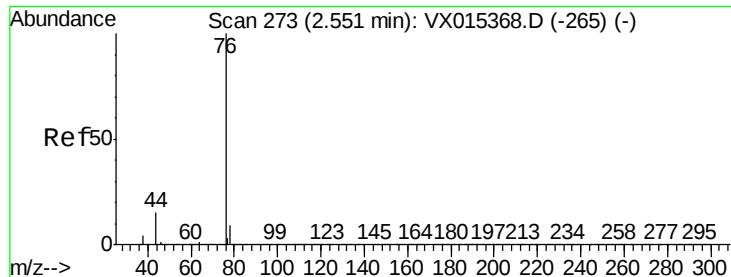


#16
 Acetone
 Concen: 225.936 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion: 43 Resp: 1636780

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1

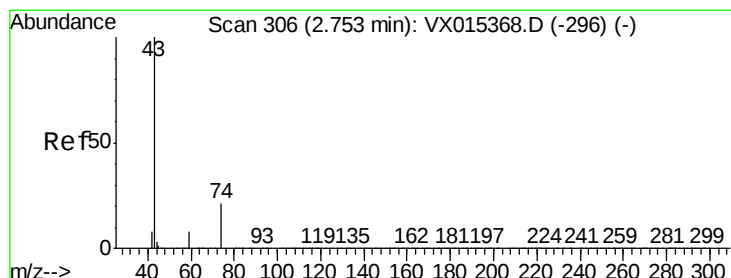
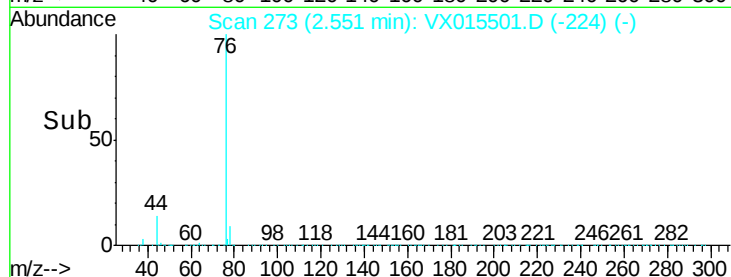
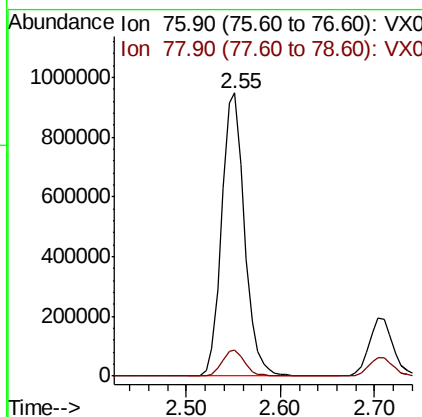
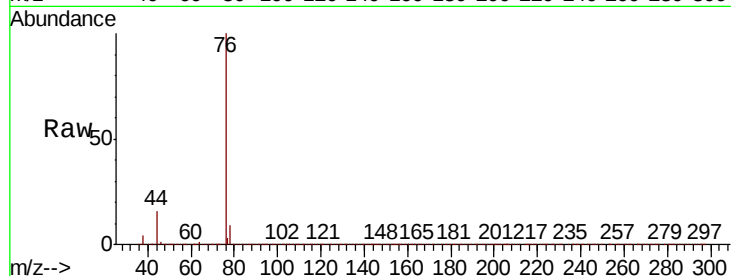




#17
Carbon Disulfide
Concen: 46.185 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

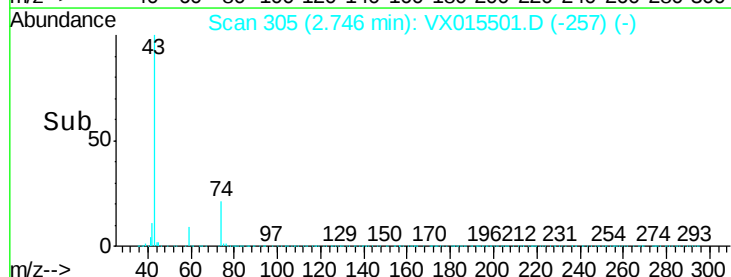
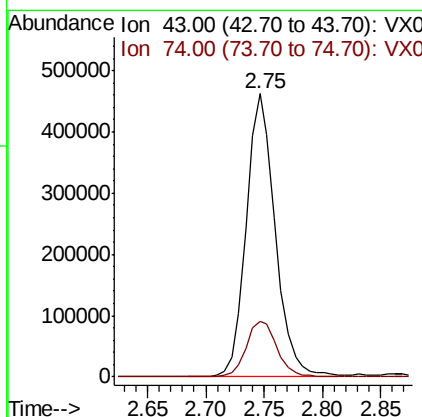
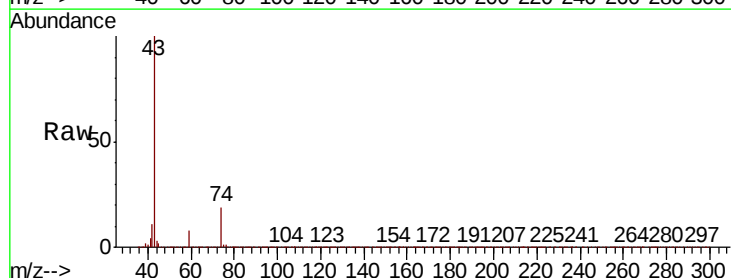
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

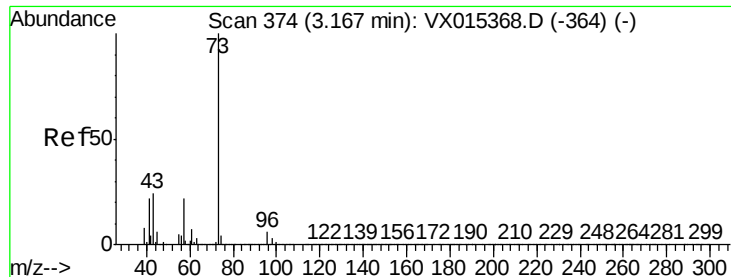
Tot Ion: 76 Resp: 1590307
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 42.925 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 43 Resp: 793678
Ion Ratio Lower Upper
43 100
74 21.5 16.5 24.7

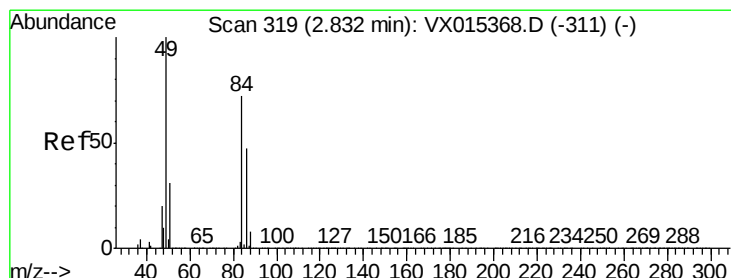
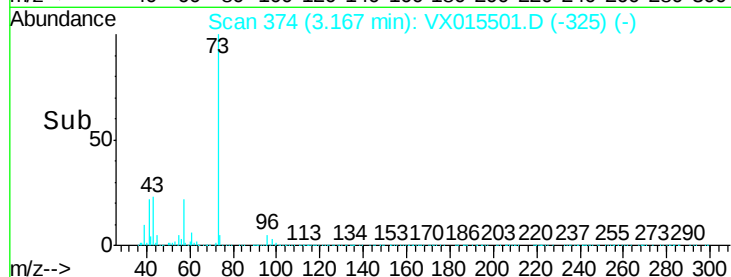
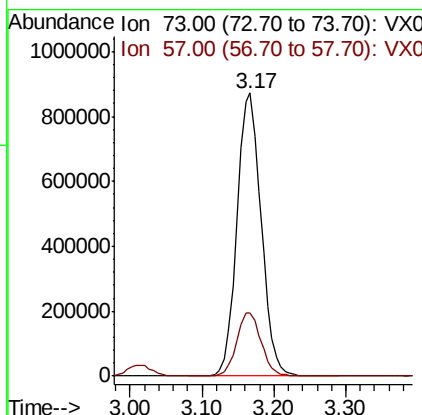
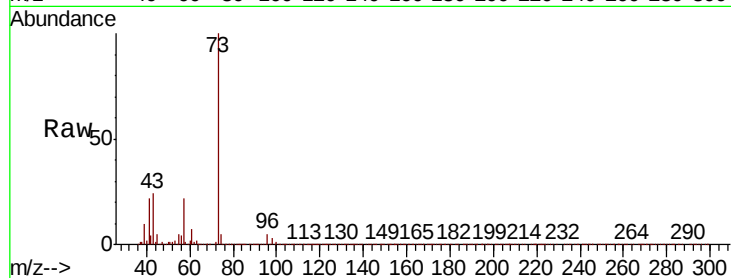




#19
Methvl tert-butvl Ether
Concen: 46.318 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

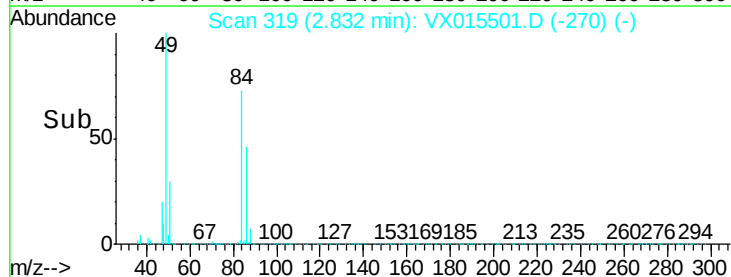
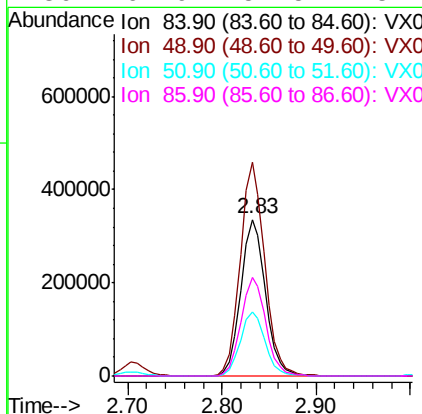
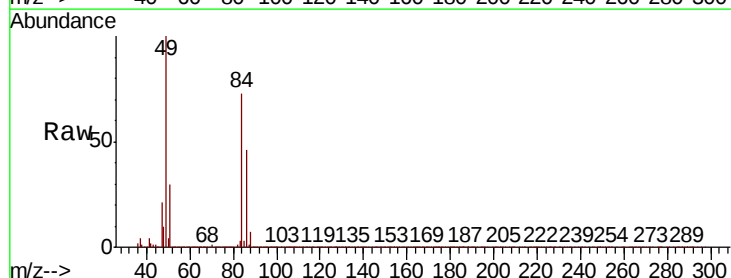
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 2027683
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 45.081 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 84 Resp: 610013
Ion Ratio Lower Upper
84 100
49 136.7 111.3 166.9
51 40.7 34.0 51.0
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.863 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

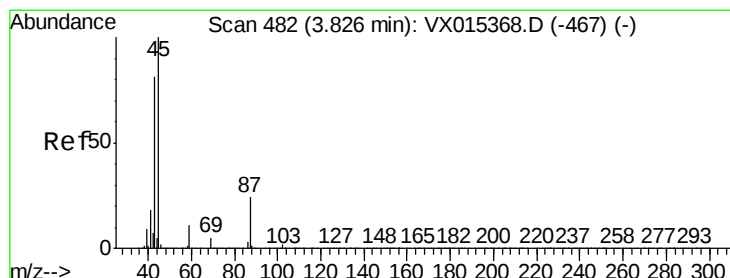
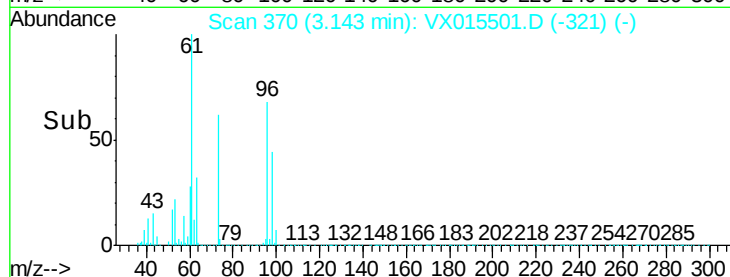
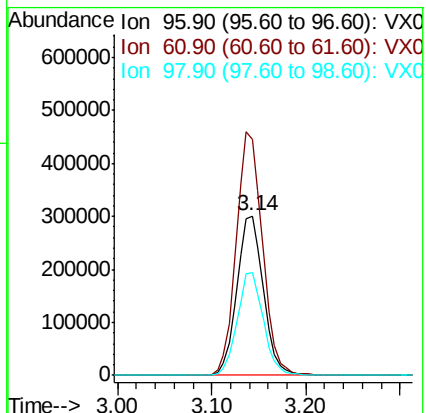
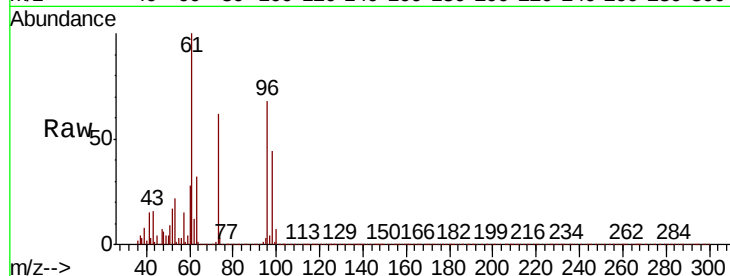
Tot Ion: 96 Resp: 587052

Ion Ratio Lower Upper

96 100

61 147.9 116.9 175.3

98 64.9 48.6 73.0



#22

Diisopropyl ether

Concen: 47.476 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion: 45 Resp: 2218785

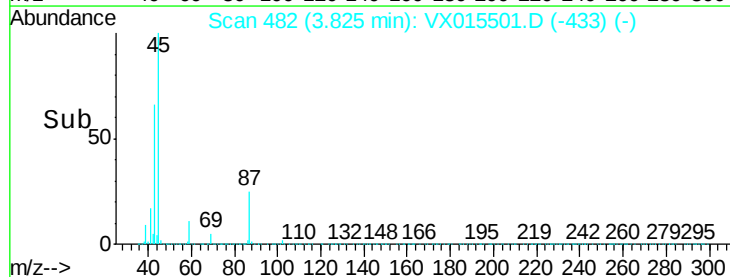
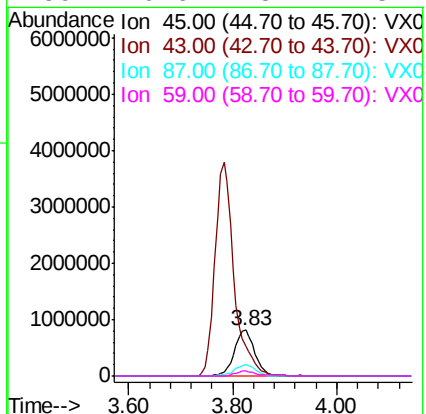
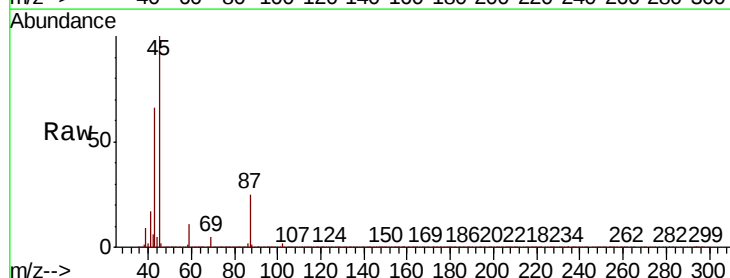
Ion Ratio Lower Upper

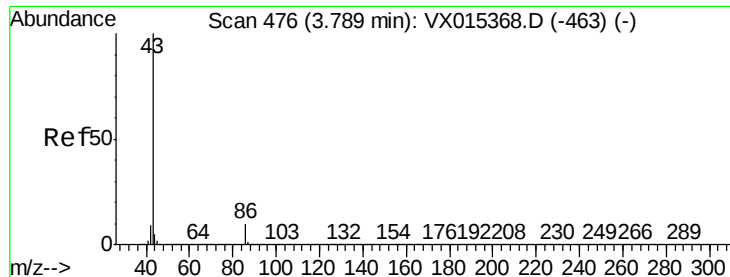
45 100

43 65.5 64.7 97.1

87 24.7 19.4 29.0

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 229.595 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

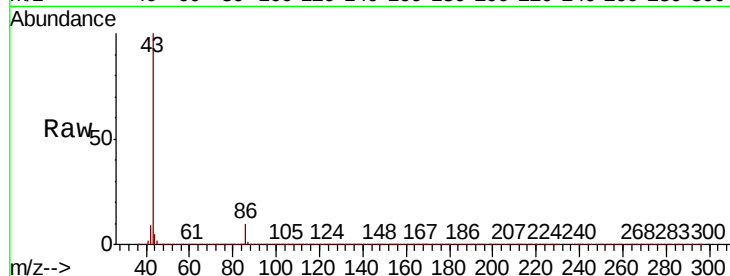
VSTDCCC050

Tot Ion: 43 Resp: 9715070

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

4000000

3000000

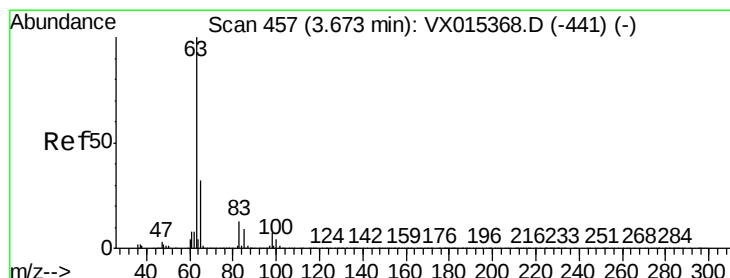
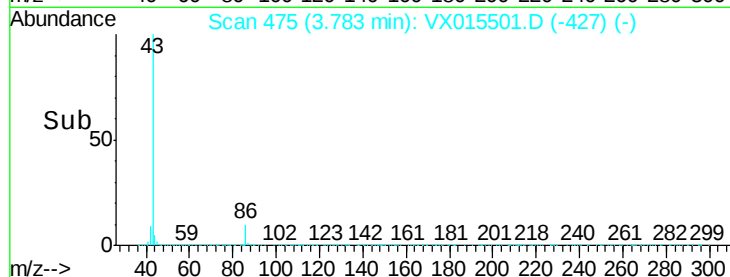
2000000

1000000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 46.399 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

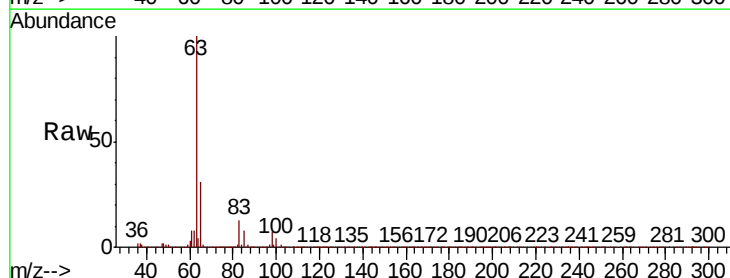
Tgt Ion: 63 Resp: 1141728

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

600000

500000

400000

300000

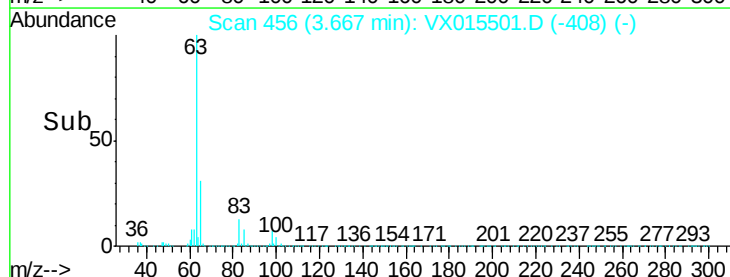
200000

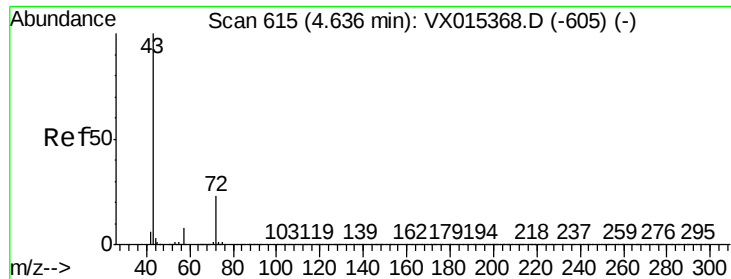
100000

0

Time-->

3.50 3.60 3.70 3.80

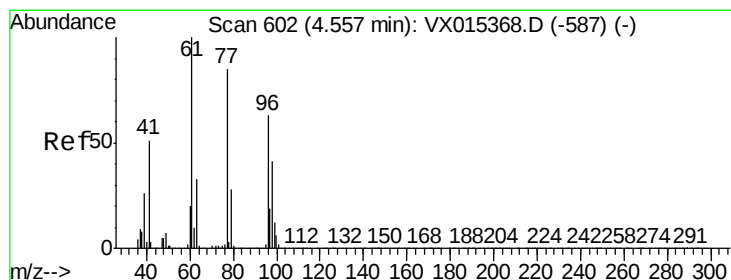
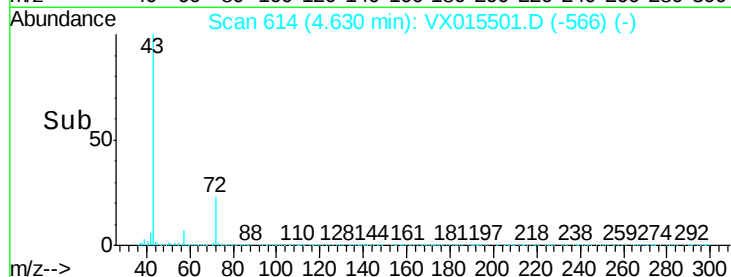
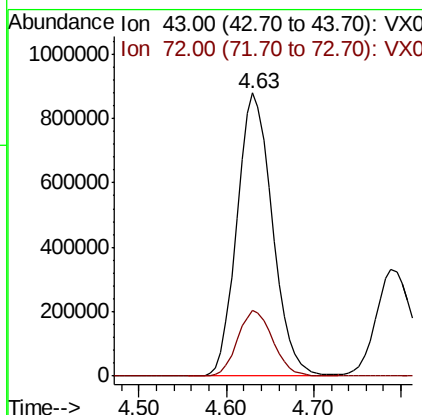
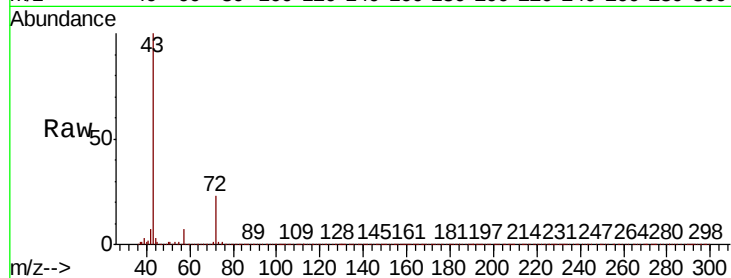




#25
2-Butanone
Concen: 211.492 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

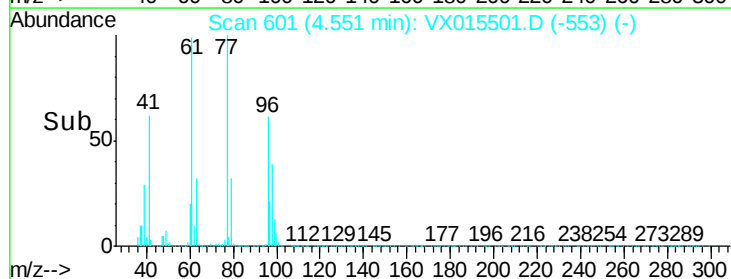
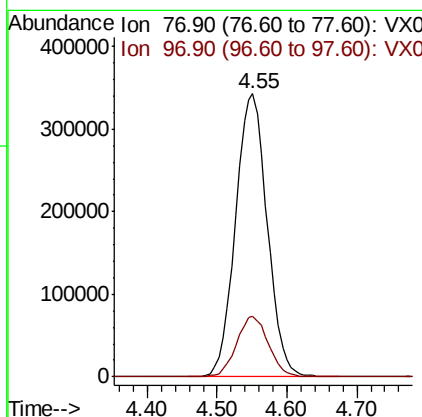
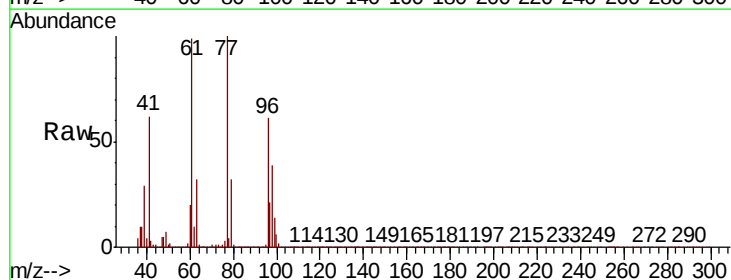
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

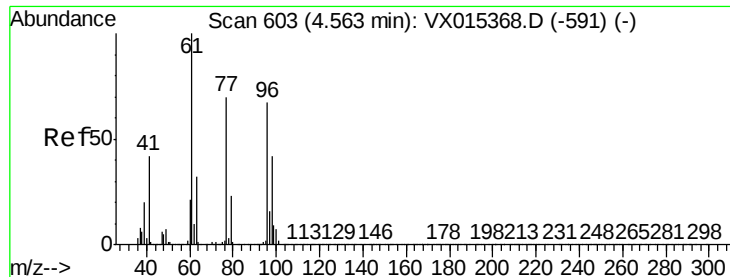
Tot Ion: 43 Resp: 2464006
Ion Ratio Lower Upper
43 100
72 23.4 19.0 28.4



#26
2,2-Dichloropropane
Concen: 53.173 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 77 Resp: 1073966
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.8



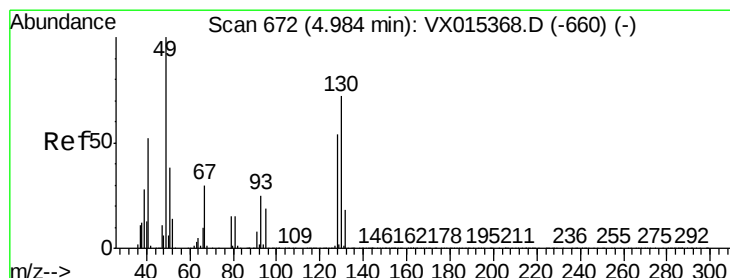
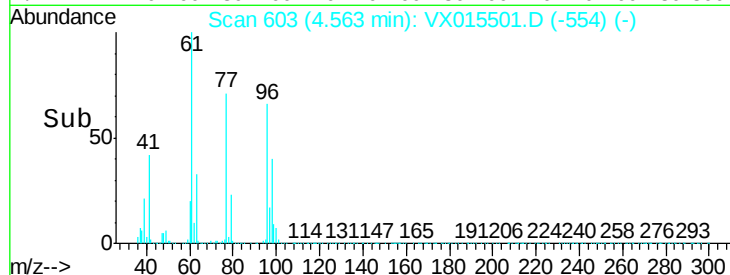
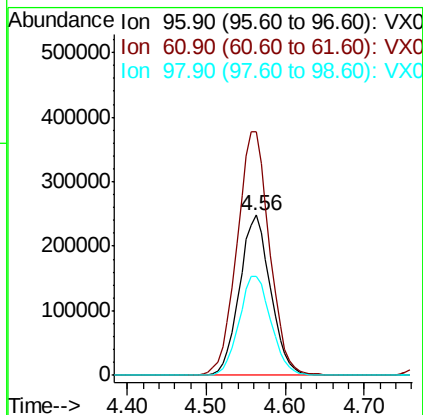
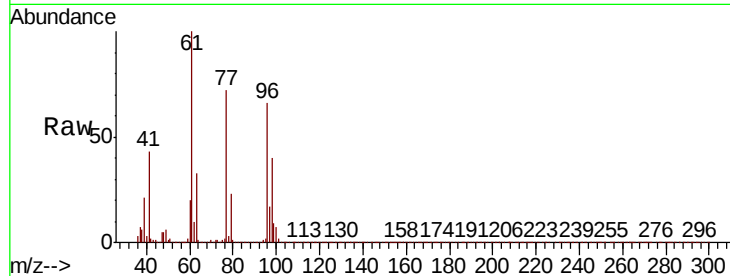


#27

cis-1,2-Dichloroethene
Concen: 46.811 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

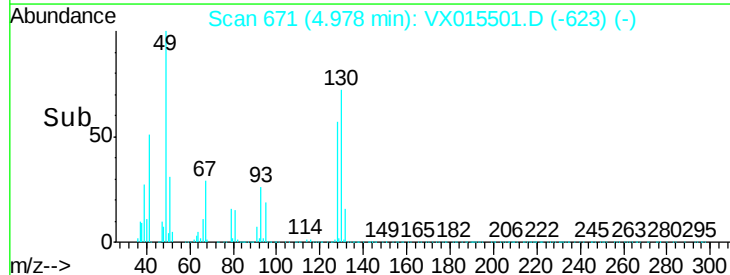
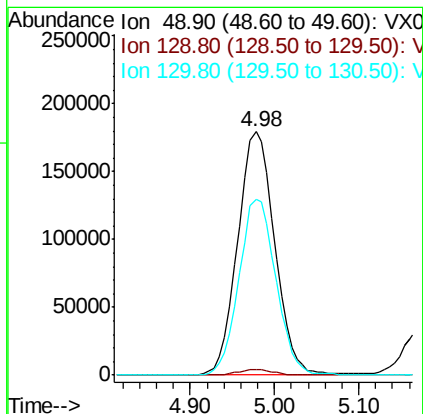
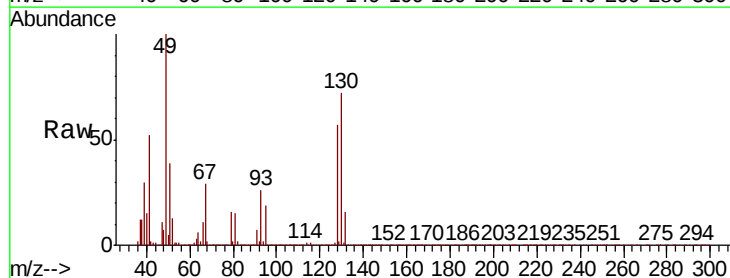
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	308.4
98	63.5	0.0	129.2

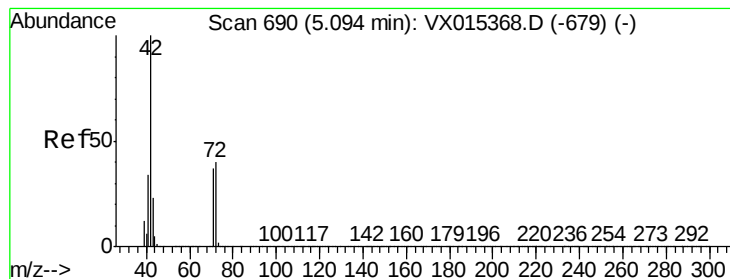


#28

Bromochloromethane
Concen: 45.201 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	72.4	57.7	86.5





#29

Tetrahydrofuran

Concen: 204.967 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

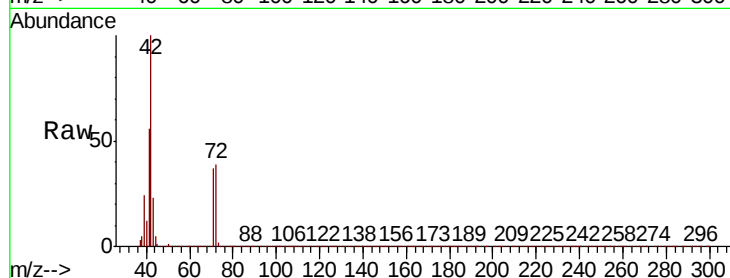
Tot Ion: 42 Resp: 1535169

Ion Ratio Lower Upper

42 100

72 40.0 31.7 47.5

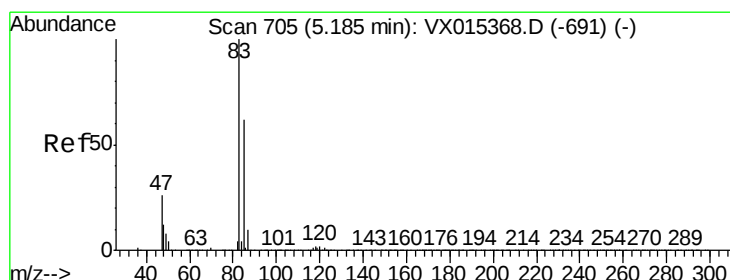
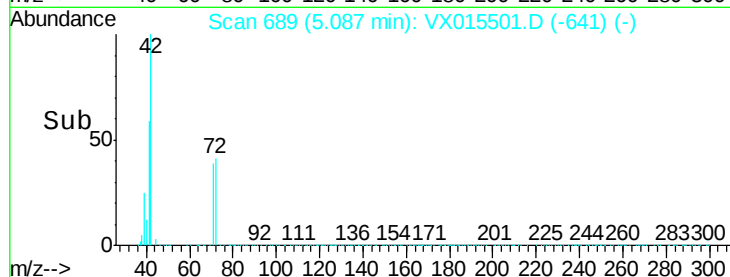
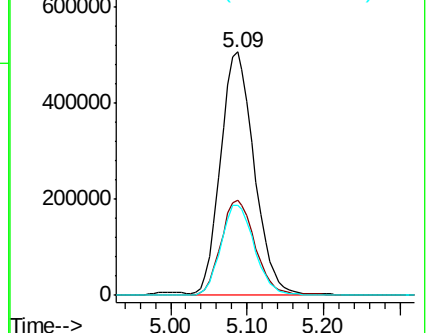
71 37.1 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.042 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015501.D

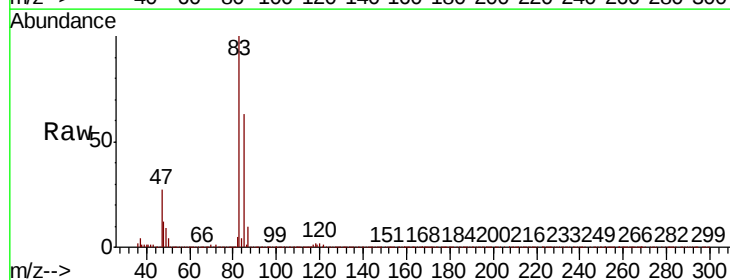
Acq: 06 Apr 2020 10:24

Tgt Ion: 83 Resp: 1113661

Ion Ratio Lower Upper

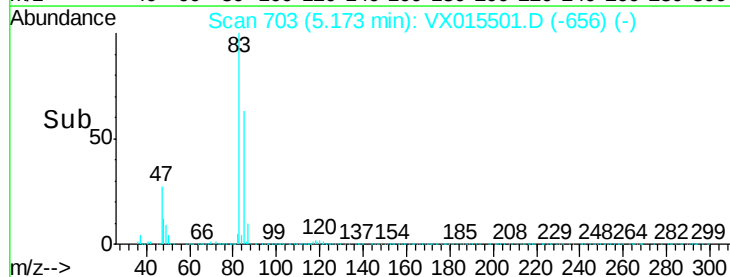
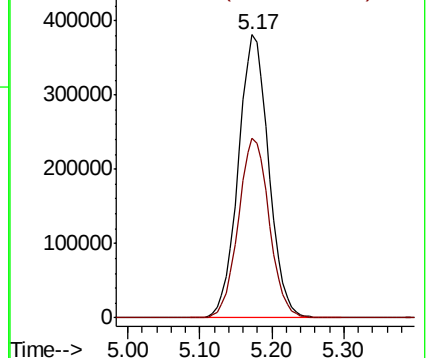
83 100

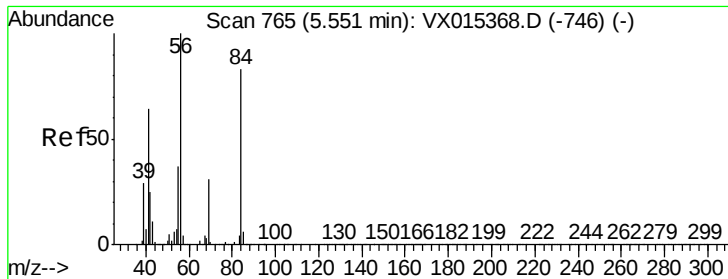
85 63.4 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.171 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

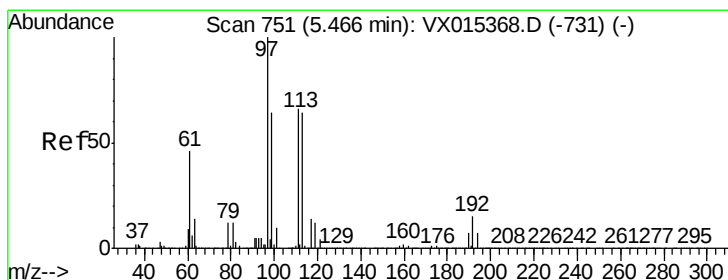
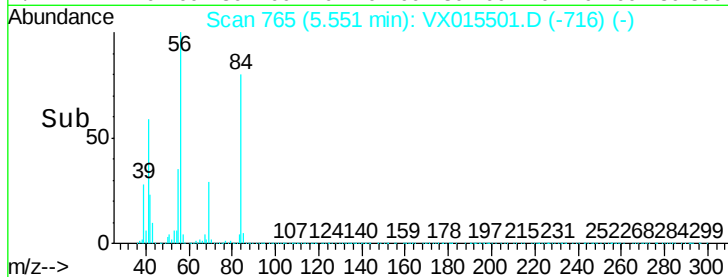
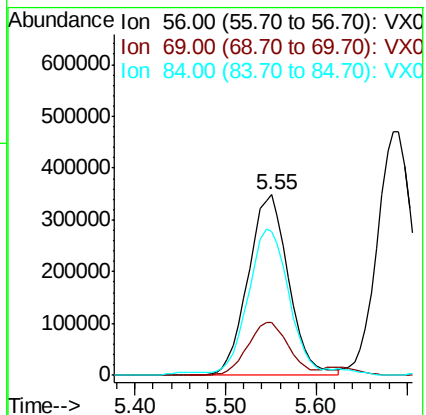
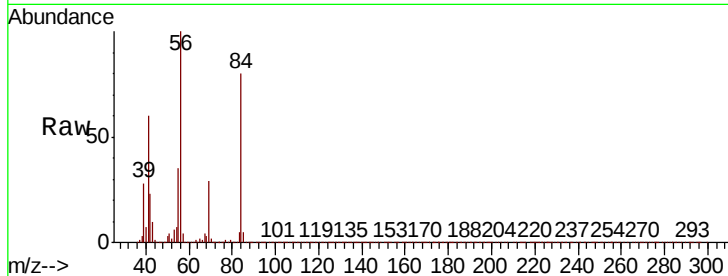
Tot Ion: 56 Resp: 1070962

Ion Ratio Lower Upper

56 100

69 29.4 24.6 36.8

84 78.5 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 48.487 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

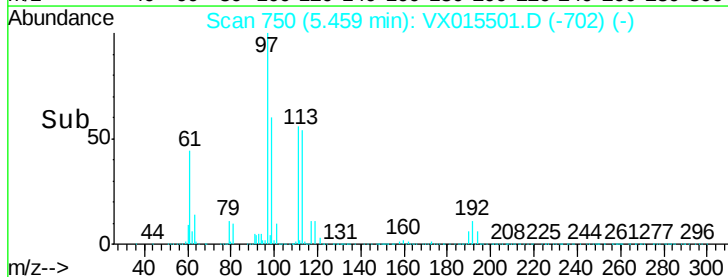
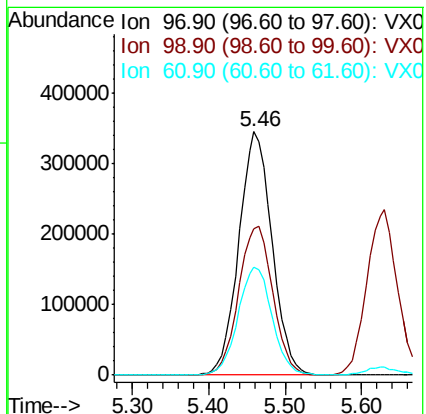
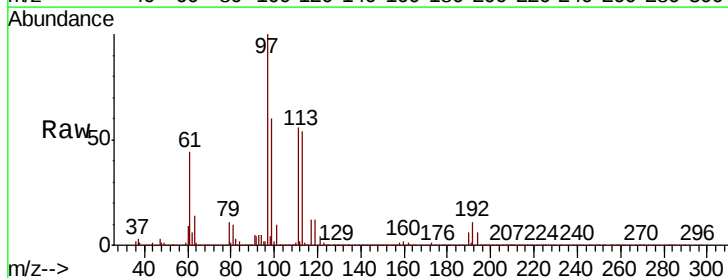
Tgt Ion: 97 Resp: 1038828

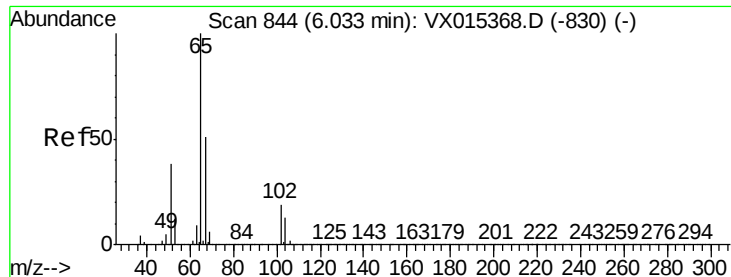
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

61 45.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 44.388 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

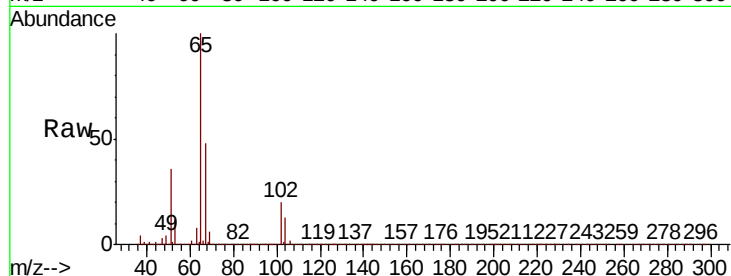
VSTDCCC050

Tot Ion: 65 Resp: 748477

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

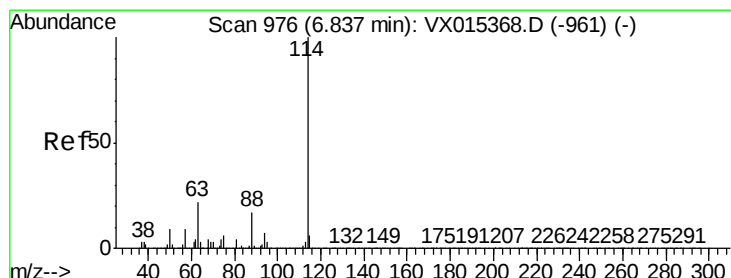
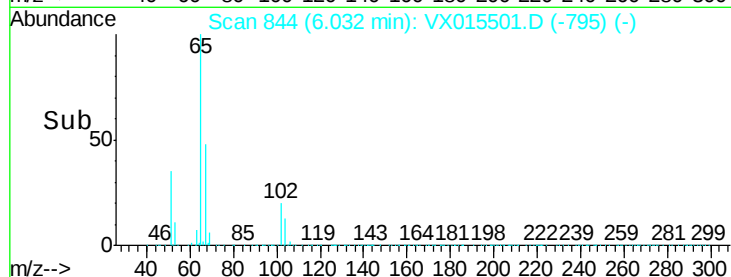
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

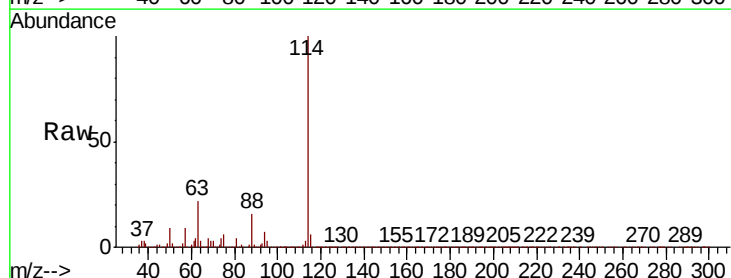
Tgt Ion: 114 Resp: 1766897

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.2

88 16.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

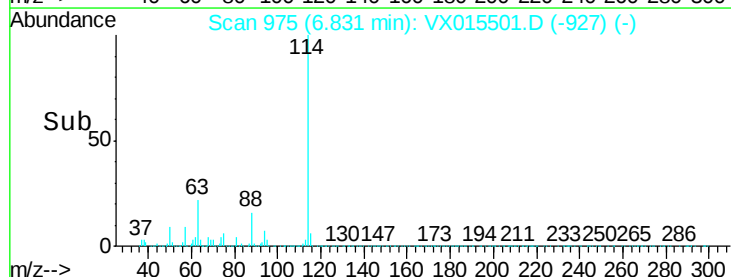
600000

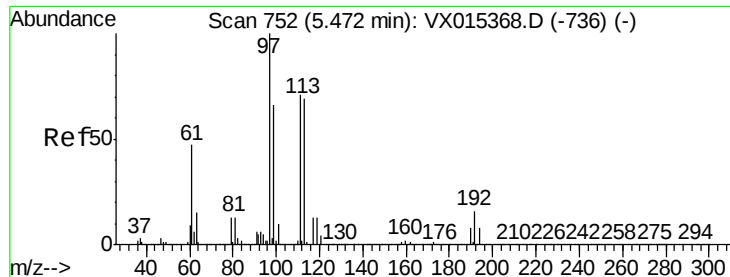
400000

200000

0

Time-->

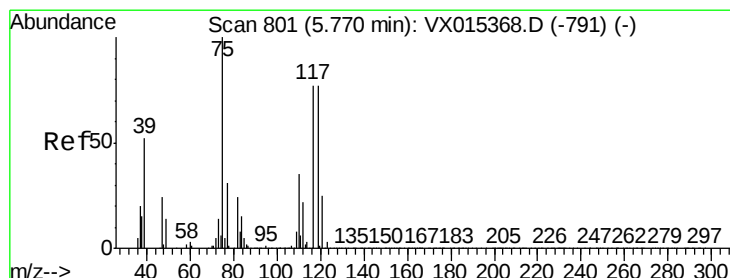
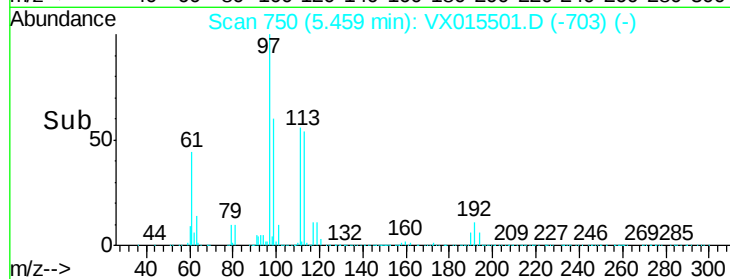
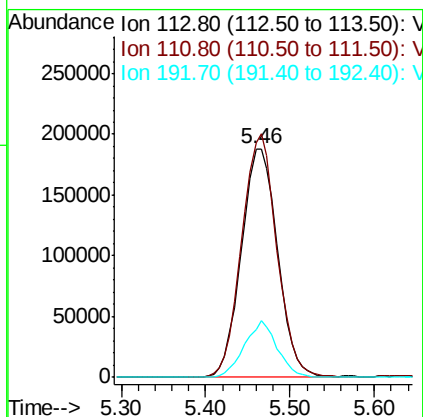
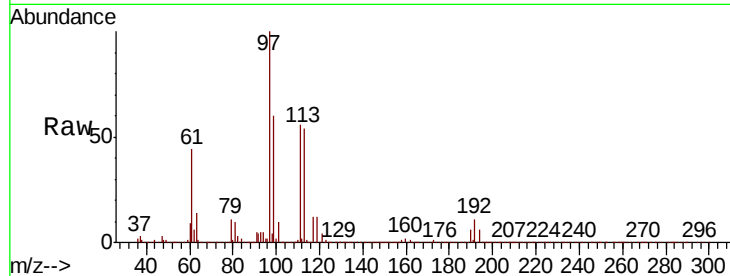




#35
 Dibromofluoromethane
 Concen: 48.599 ug/l
 RT: 5.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

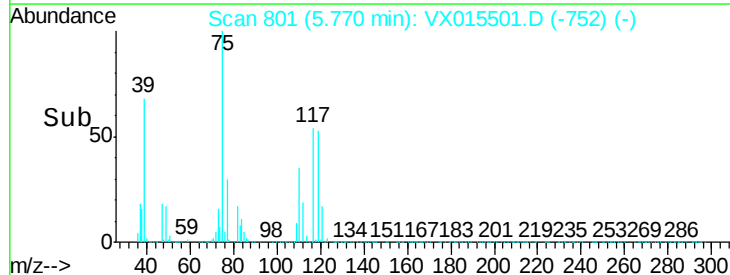
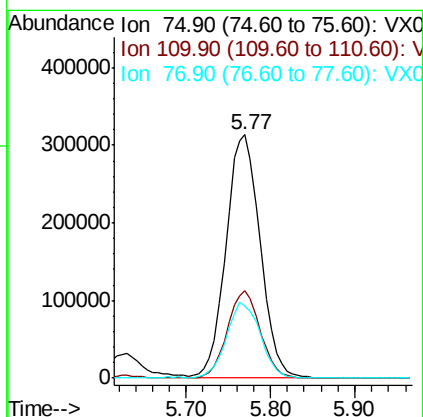
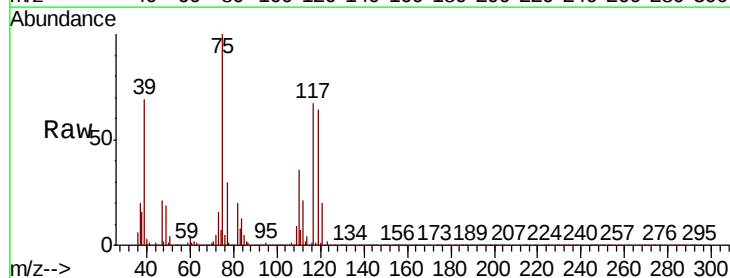
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 548901
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 22.5 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 52.671 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion: 75 Resp: 857483
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.1 51.3
 77 30.9 24.6 36.8

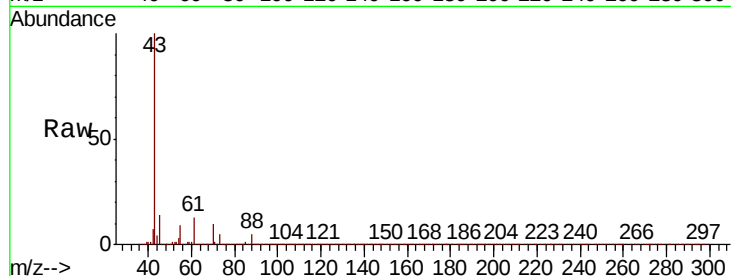




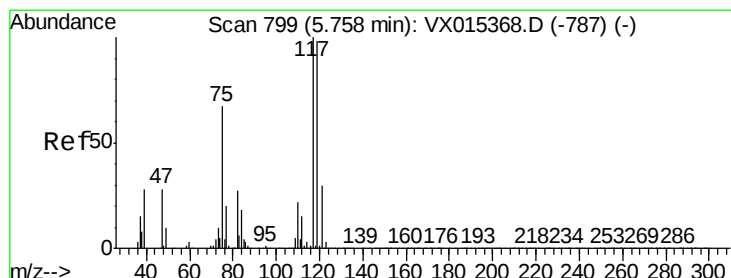
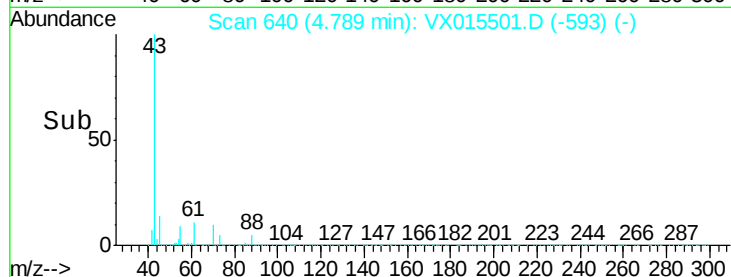
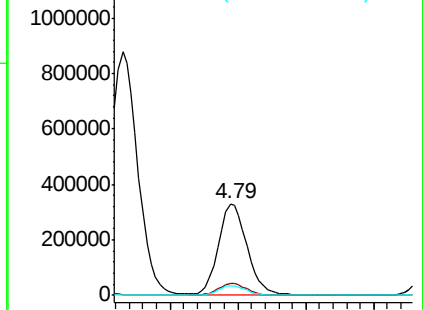
#37
Ethyl Acetate
Concen: 45.676 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	968219
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.1	8.1	12.1

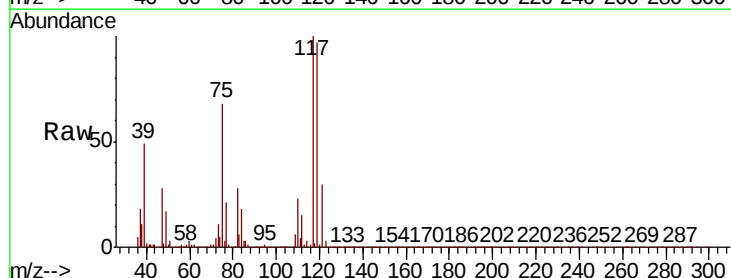


Abundance Ion 43.00 (42.70 to 43.70): VX015501.D (-593) (-)
Ion 60.90 (60.60 to 61.60): VX015501.D (-593) (-)
Ion 70.00 (69.70 to 70.70): VX015501.D (-593) (-)

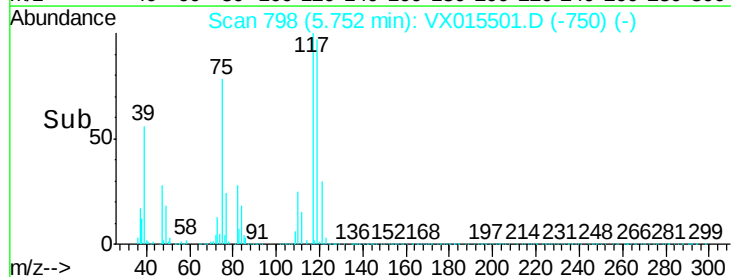
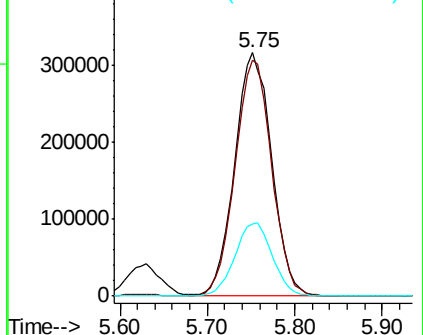


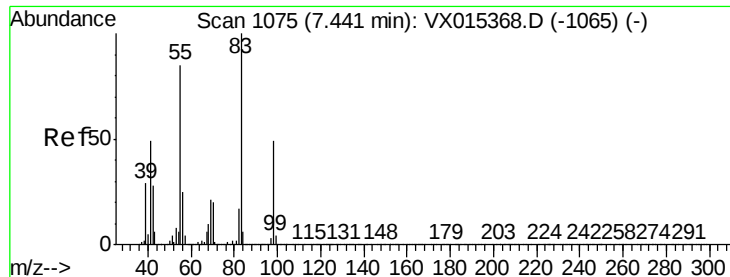
#38
Carbon Tetrachloride
Concen: 52.715 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:	117	Resp:	929516
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.0	117.0
121	29.7	23.8	35.8



Abundance Ion 116.80 (116.50 to 117.50): VX015501.D (-750) (-)
Ion 118.80 (118.50 to 119.50): VX015501.D (-750) (-)
Ion 120.80 (120.50 to 121.50): VX015501.D (-750) (-)



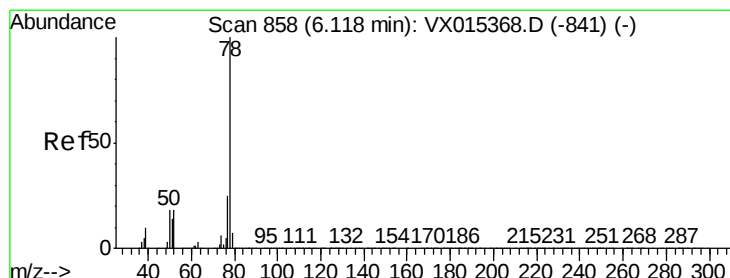
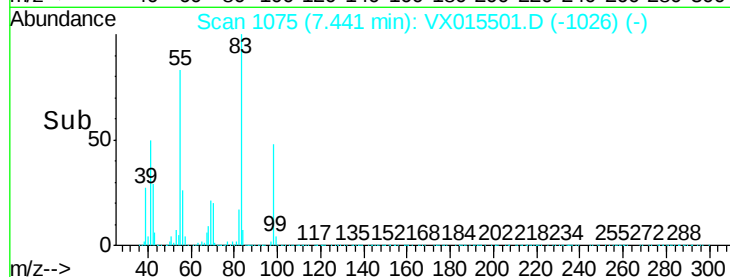
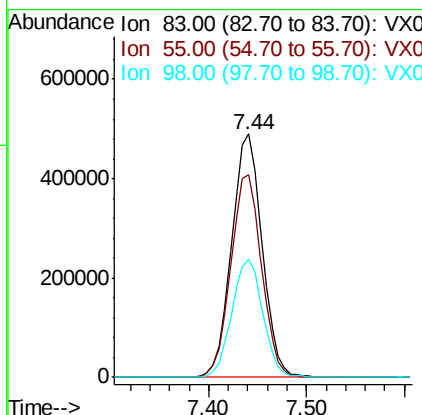
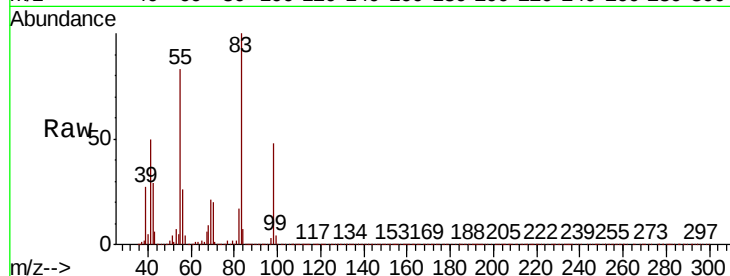


#39
Methvlcvclohexane
Concen: 56.323 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 1057230

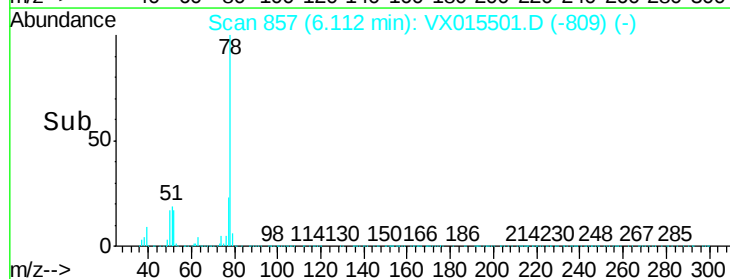
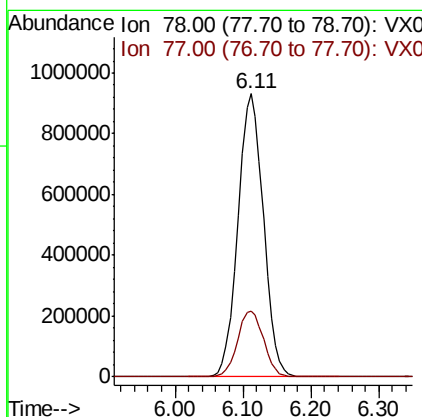
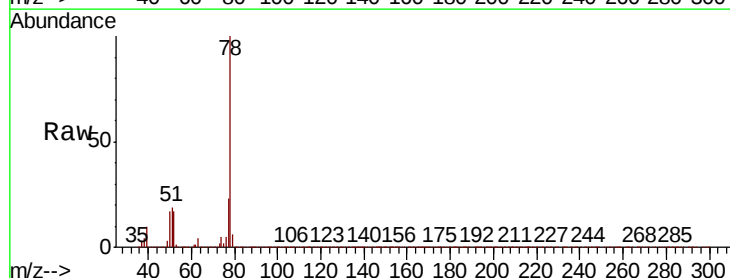
Ion	Ratio	Lower	Upper
83	100		
55	83.2	67.8	101.6
98	48.4	39.3	58.9

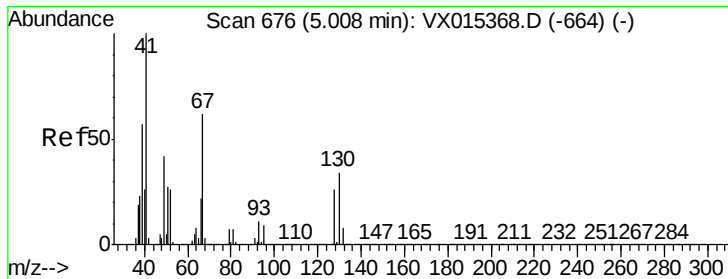


#40
Benzene
Concen: 50.811 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 78 Resp: 2423126

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.8	29.8

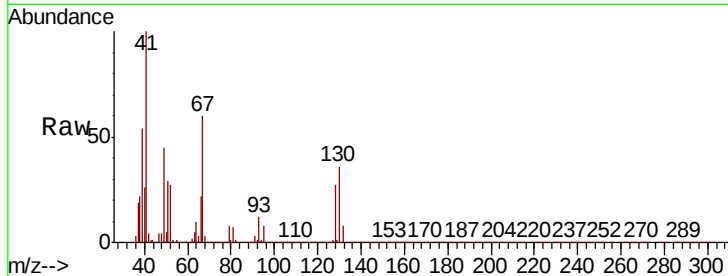




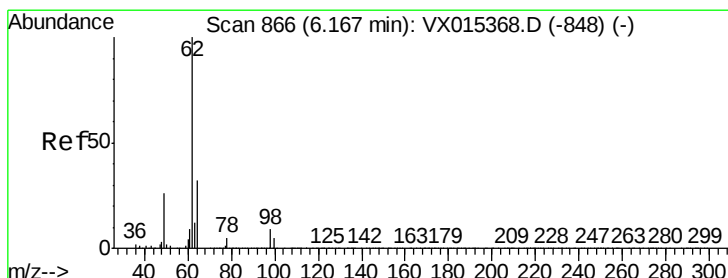
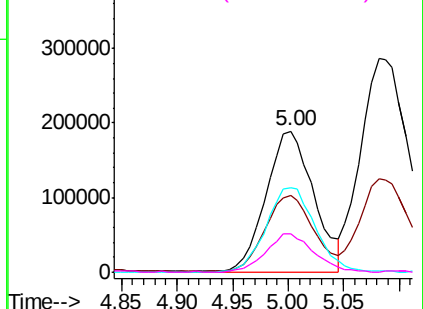
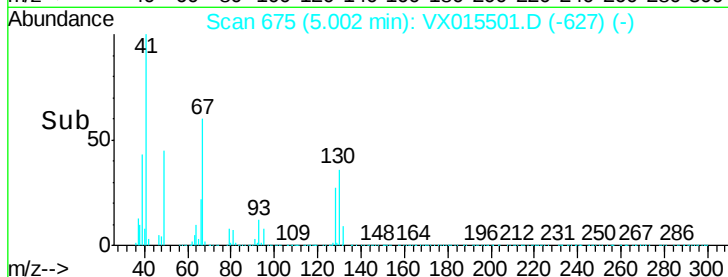
#41
Methacrylonitrile
Concen: 47.673 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	560984
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.5	66.7
67	61.7	48.9	73.3
52	26.8	21.8	32.6

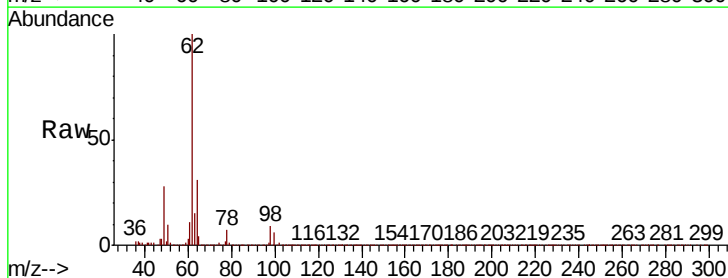


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

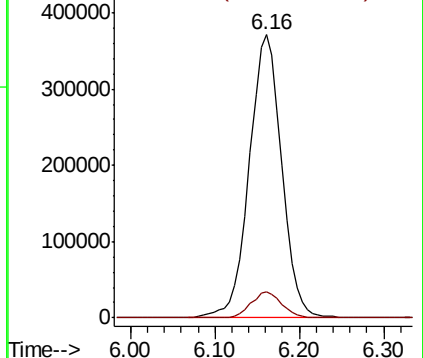
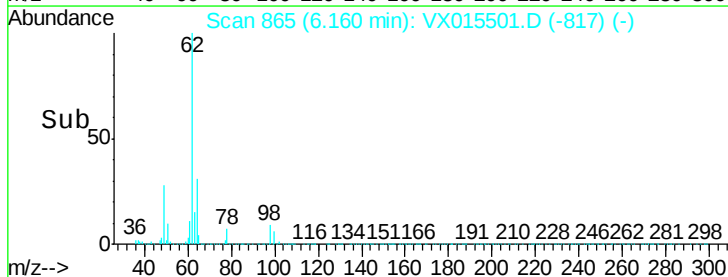


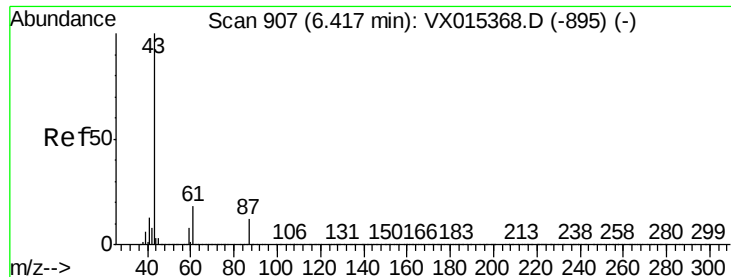
#42
1,2-Dichloroethane
Concen: 50.652 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:	62	Resp:	970271
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



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



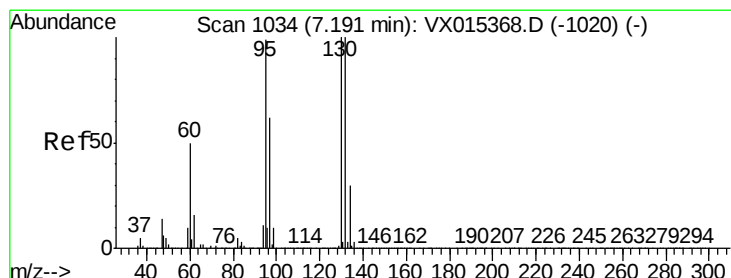
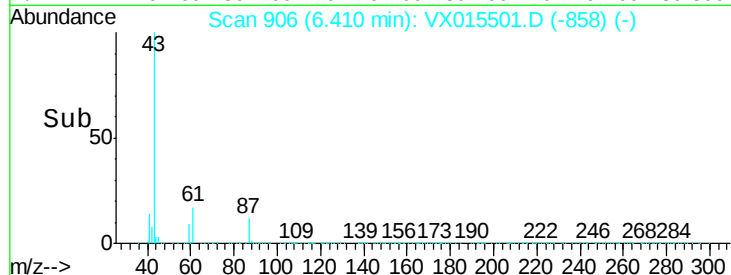
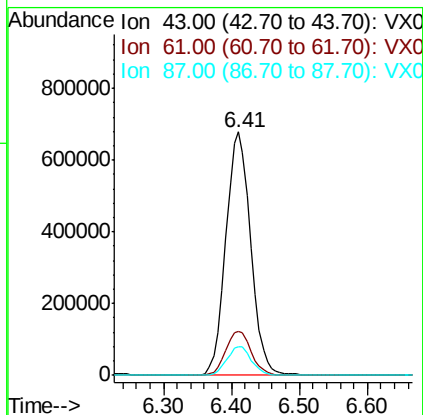
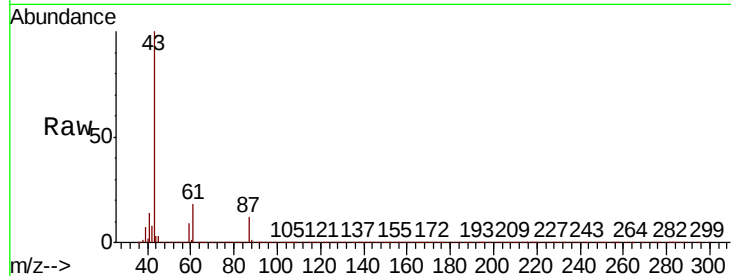


#43

Isopropyl Acetate
 Concen: 47.693 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

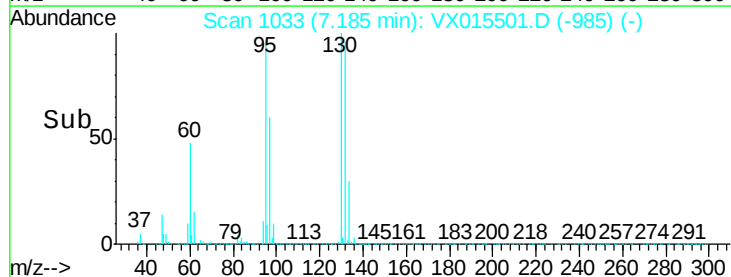
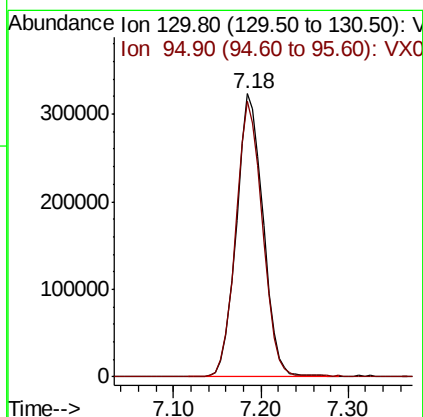
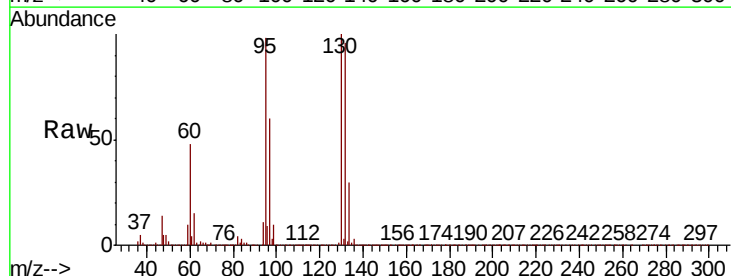
Tot Ion: 43 Resp: 1706654
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2
 87 11.7 9.4 14.0

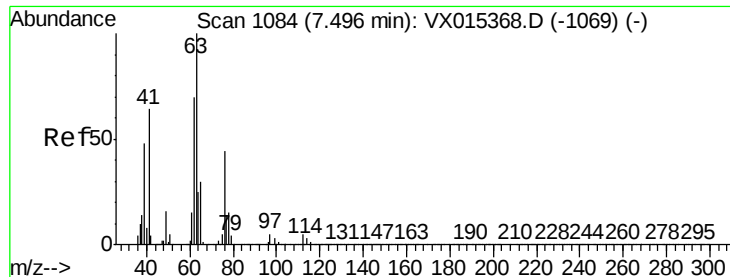


#44

Trichloroethene
 Concen: 52.881 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion: 130 Resp: 687757
 Ion Ratio Lower Upper
 130 100
 95 97.4 0.0 199.0





#45

1,2-Dichloropropane

Concen: 50.315 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

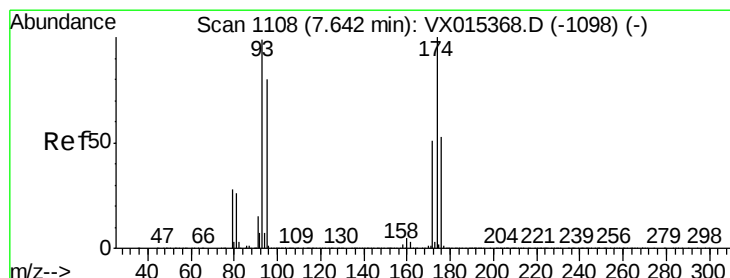
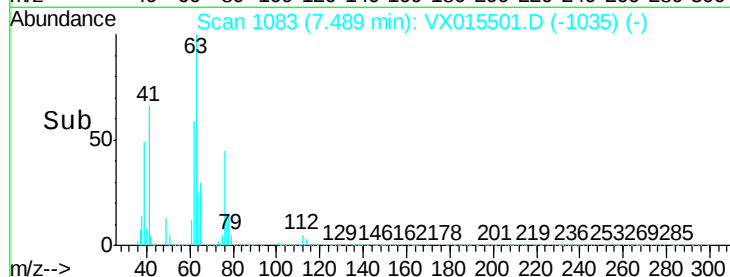
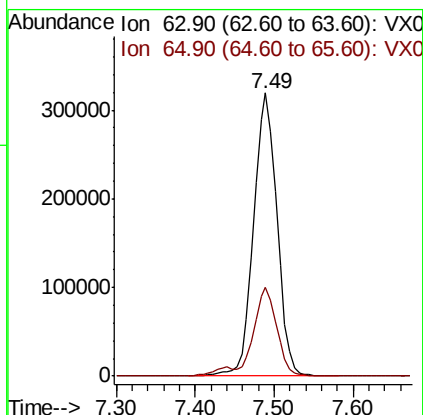
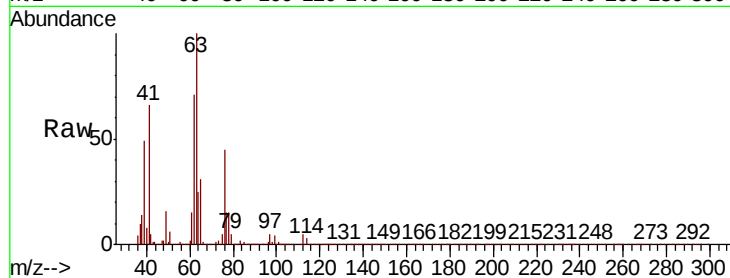
VSTDCCC050

Tot Ion: 63 Resp: 656395

Ion Ratio Lower Upper

63 100

65 31.1 23.9 35.9



#46

Dibromomethane

Concen: 49.871 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

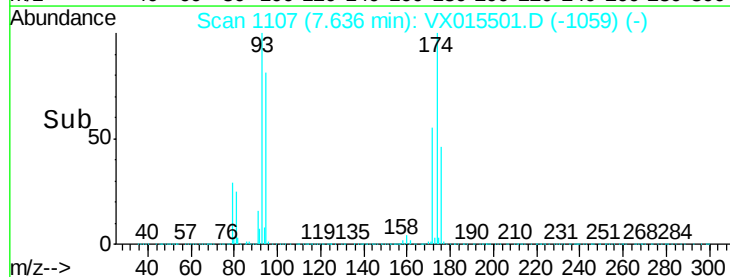
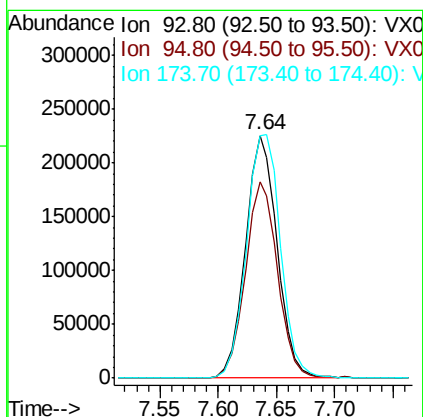
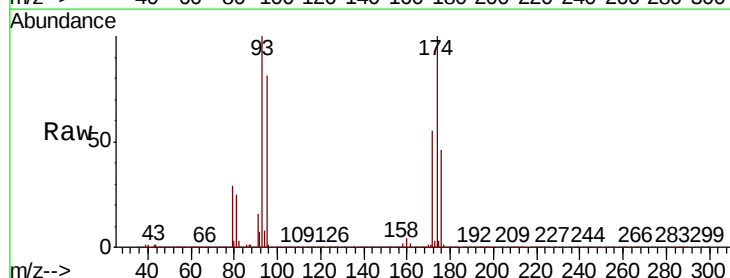
Tgt Ion: 93 Resp: 426782

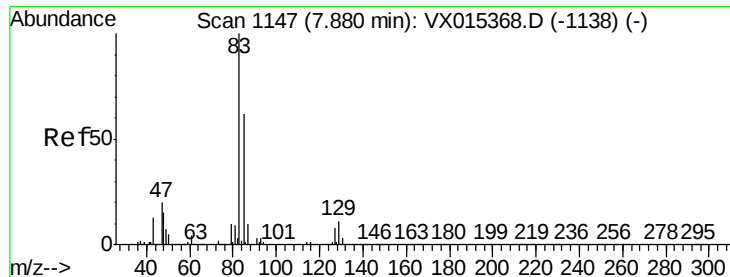
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 108.4 86.2 129.2





#47

Bromodichloromethane

Concen: 51.439 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

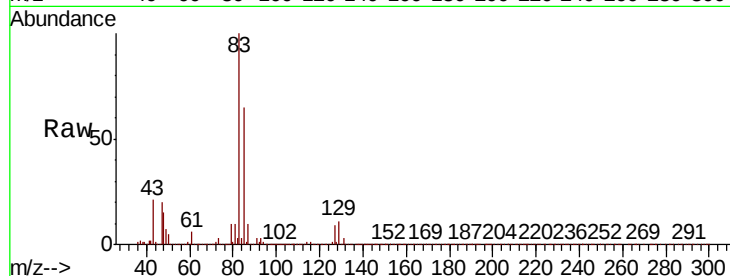
Tot Ion: 83 Resp: 937969

Ion Ratio Lower Upper

83 100

85 65.0 49.7 74.5

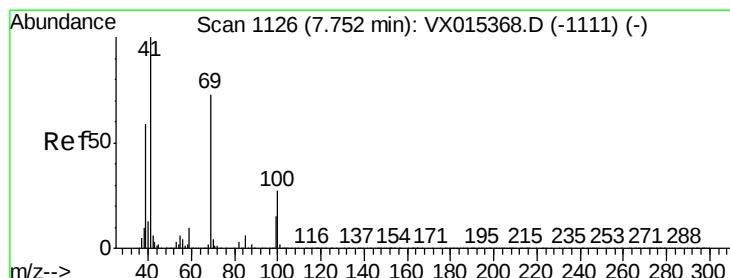
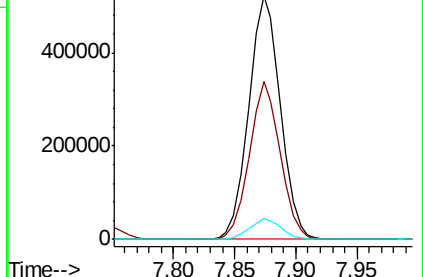
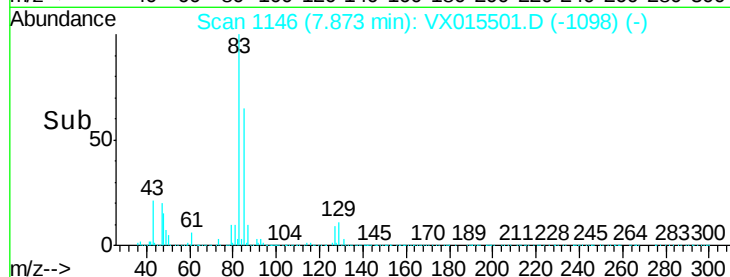
127 8.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.526 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

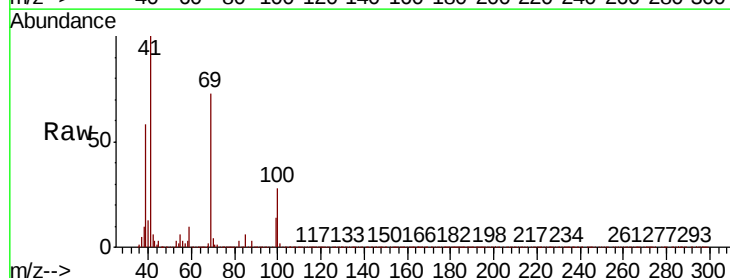
Tgt Ion: 41 Resp: 849466

Ion Ratio Lower Upper

41 100

69 71.7 56.7 85.1

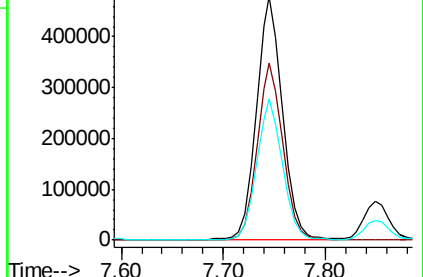
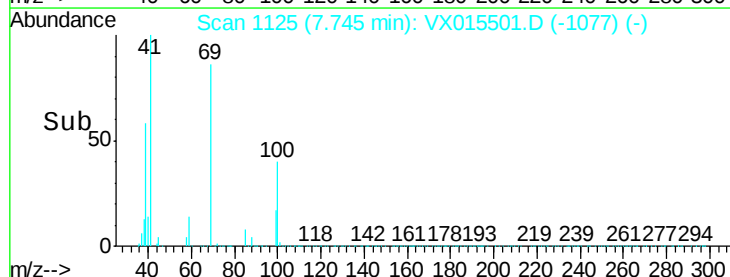
39 57.4 46.5 69.7

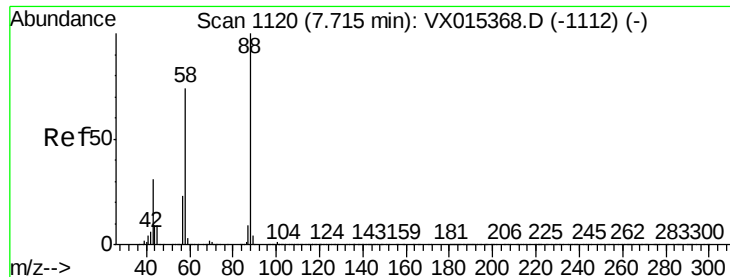


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 944.235 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

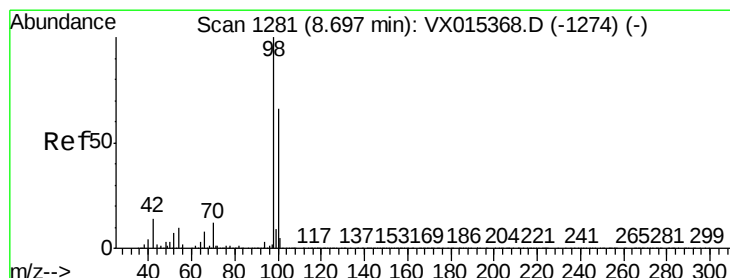
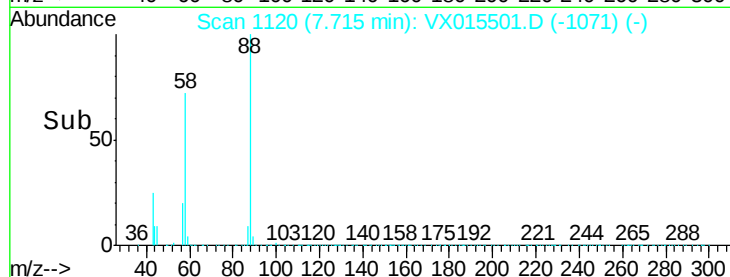
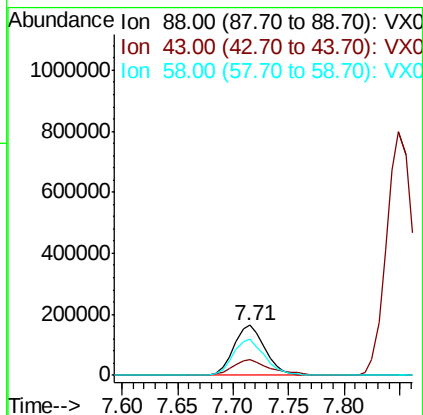
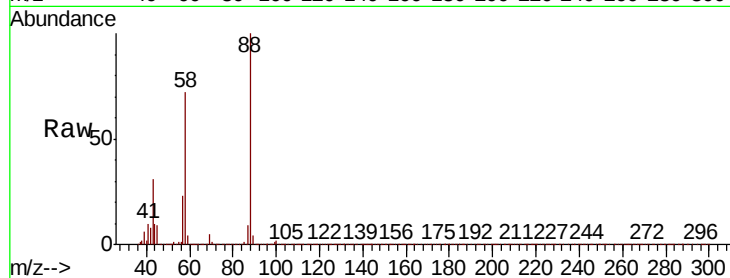
Tot Ion: 88 Resp: 314839

Ion Ratio Lower Upper

88 100

43 36.8 30.1 45.1

58 73.4 60.6 90.8



#50

Toluene-d8

Concen: 49.113 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015501.D

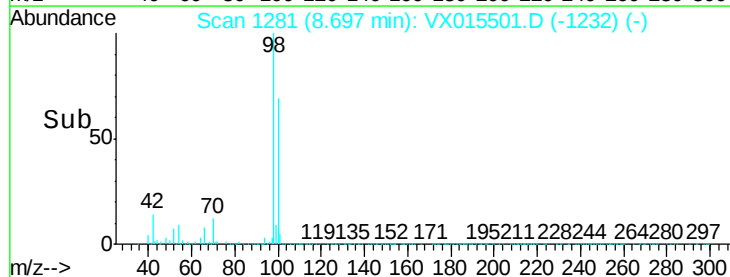
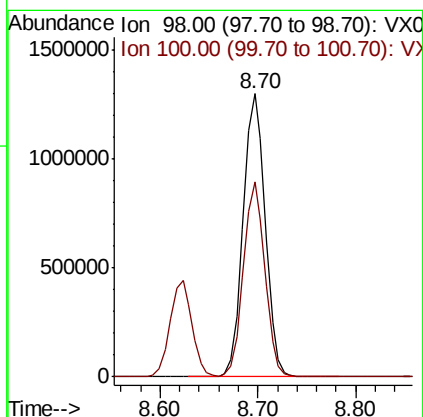
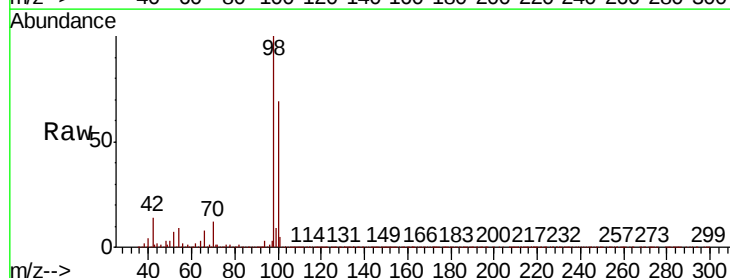
Acq: 06 Apr 2020 10:24

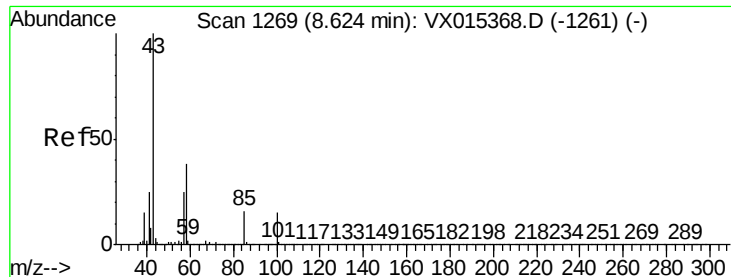
Tgt Ion: 98 Resp: 2042261

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3

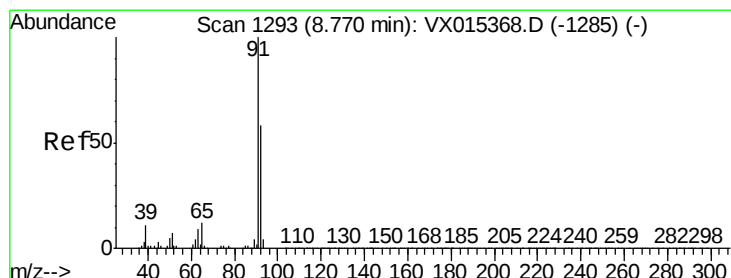
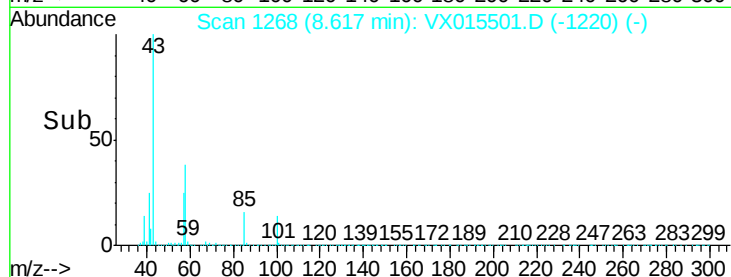
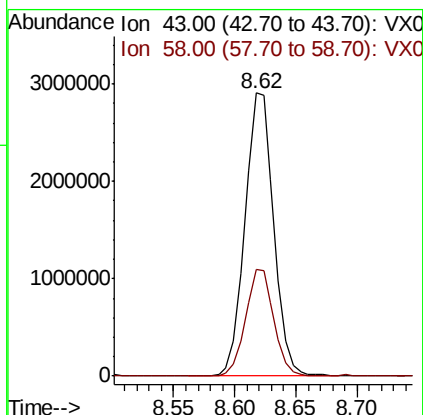
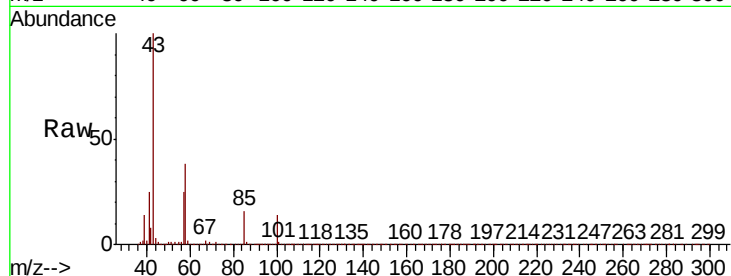




#51
4-Methyl-2-Pentanone
Concen: 233.956 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

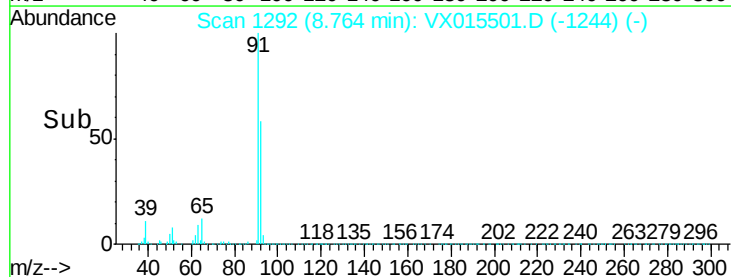
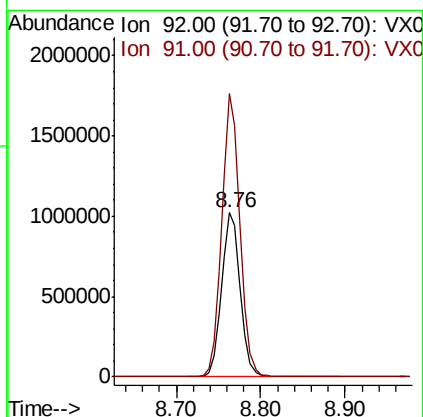
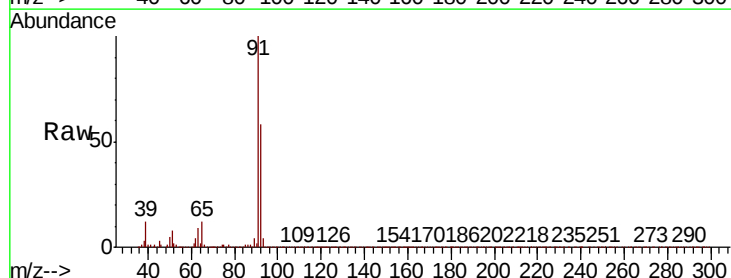
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4744500
Ion Ratio Lower Upper
43 100
58 37.0 29.7 44.5



#52
Toluene
Concen: 52.775 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 92 Resp: 1551635
Ion Ratio Lower Upper
92 100
91 168.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 50.936 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

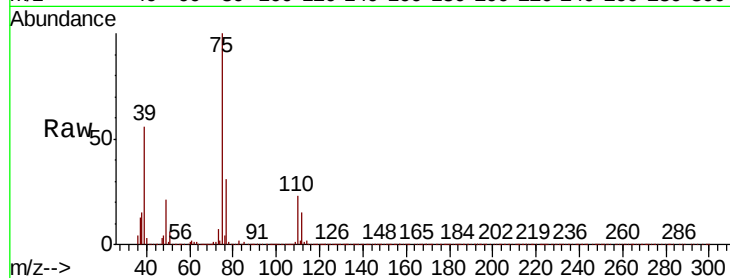
VSTDCCC050

Tot Ion: 75 Resp: 1089320

Ion Ratio Lower Upper

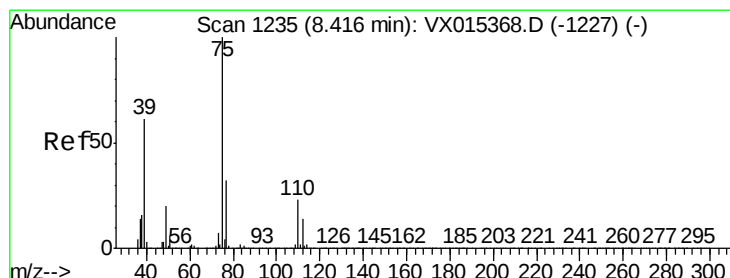
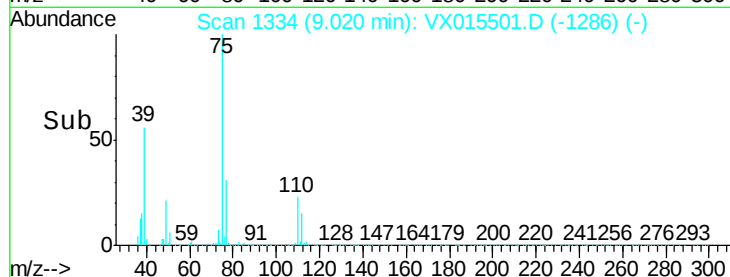
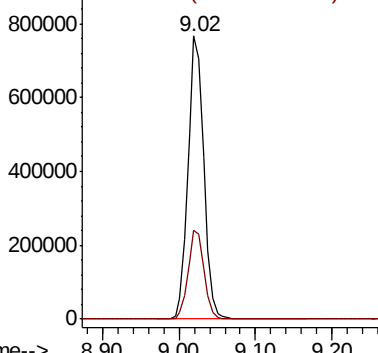
75 100

77 31.3 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.018 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

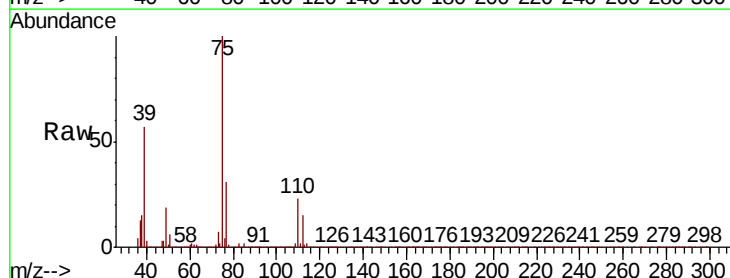
Tgt Ion: 75 Resp: 1133227

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

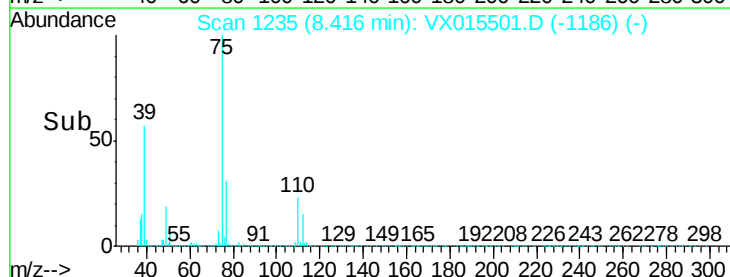
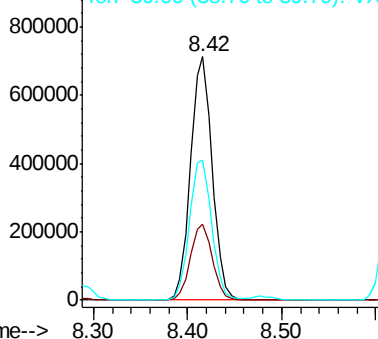
39 57.3 49.0 73.4

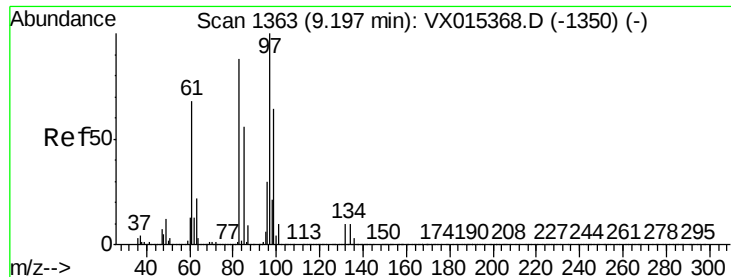


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.635 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 609936

Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.4
85	55.2	44.7	67.1
99	62.7	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

600000

500000

400000

300000

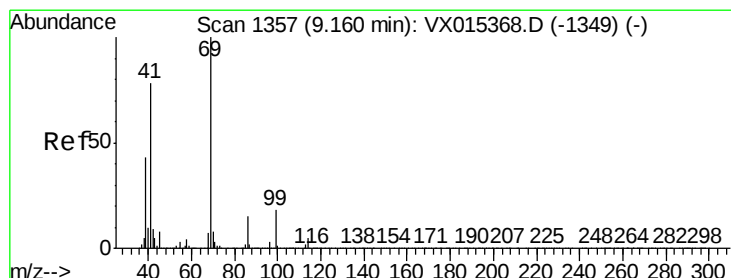
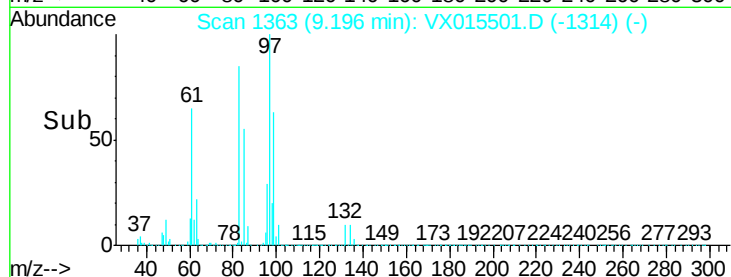
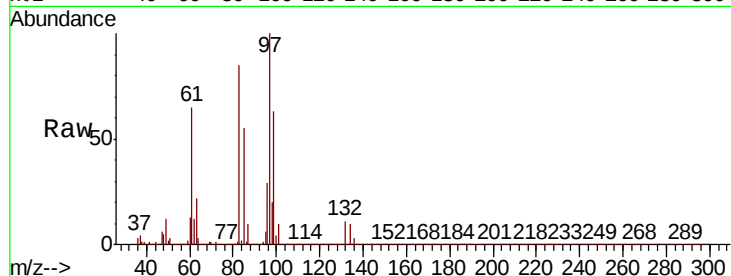
200000

100000

0

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 49.462 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion: 69 Resp: 1050035

Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.6	92.4
39	42.3	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

1000000

800000

600000

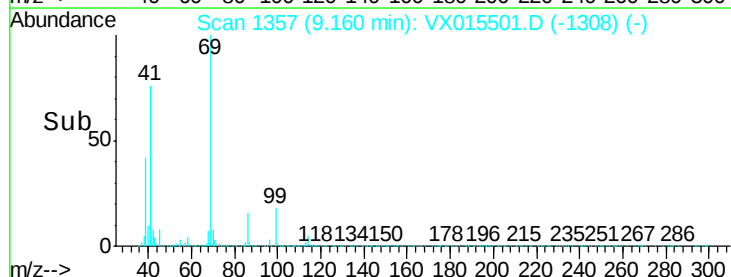
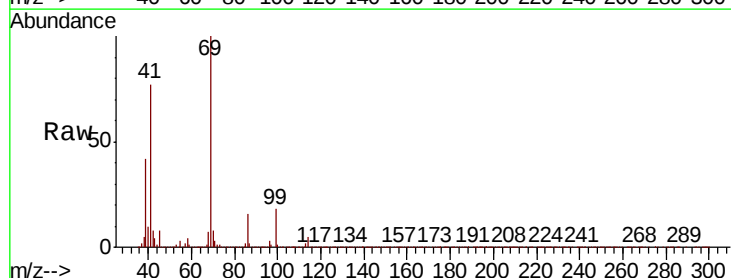
400000

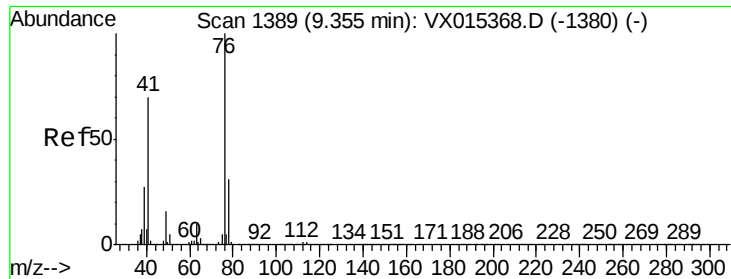
200000

0

9.10 9.20 9.30

Time-->





#57

1,3-Dichloropropane

Concen: 49.113 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

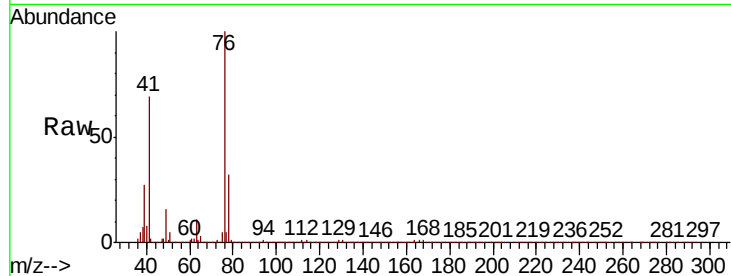
VSTDCCC050

Tot Ion: 76 Resp: 1065881

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

800000

600000

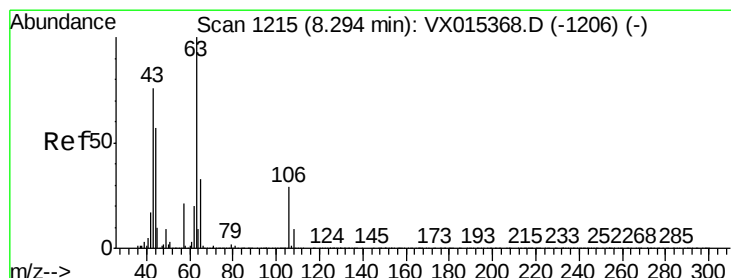
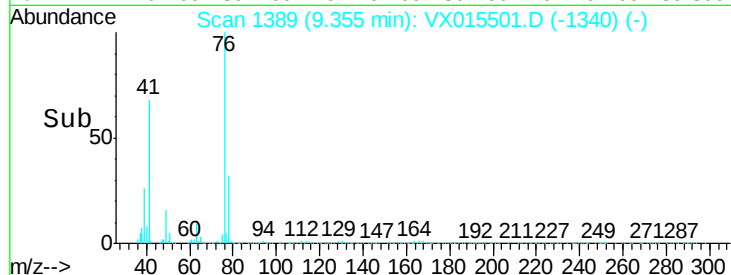
400000

200000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 248.879 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015501.D

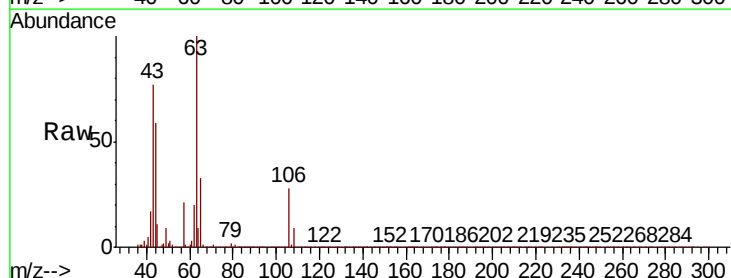
Acq: 06 Apr 2020 10:24

Tgt Ion: 63 Resp: 2569918

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

1500000

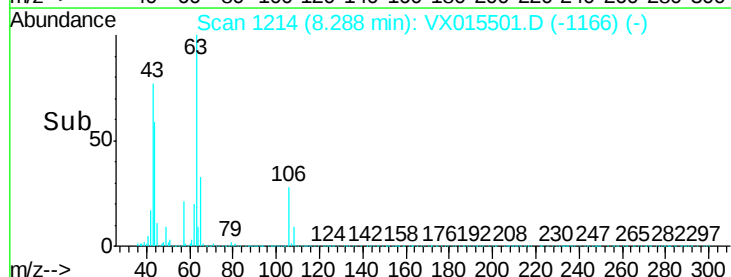
1000000

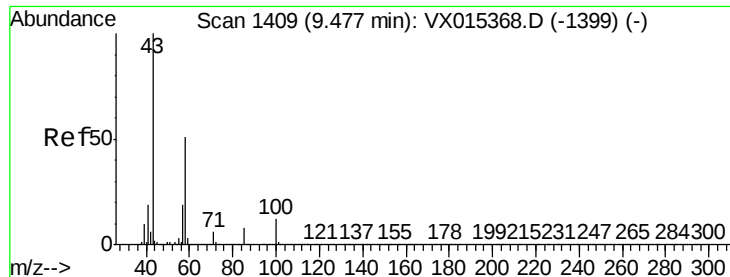
500000

0

Time-->

8.20 8.30 8.40

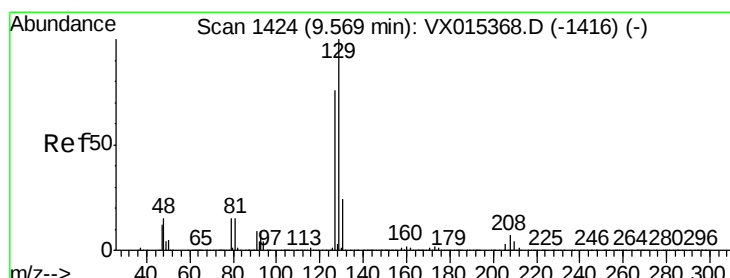
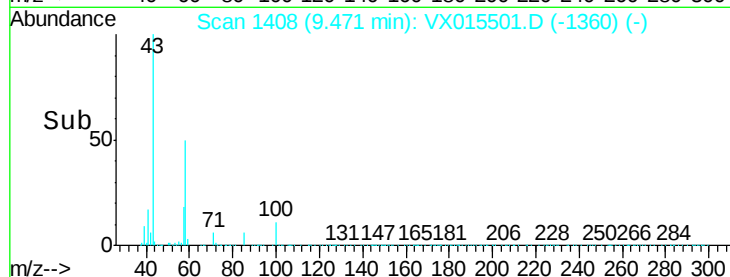
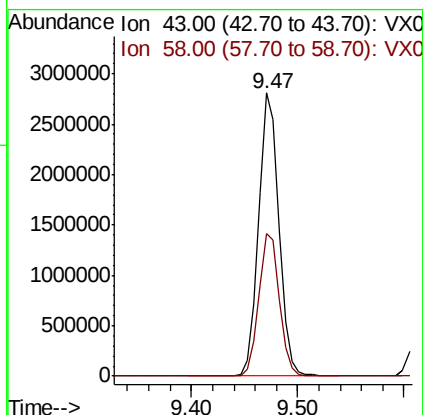
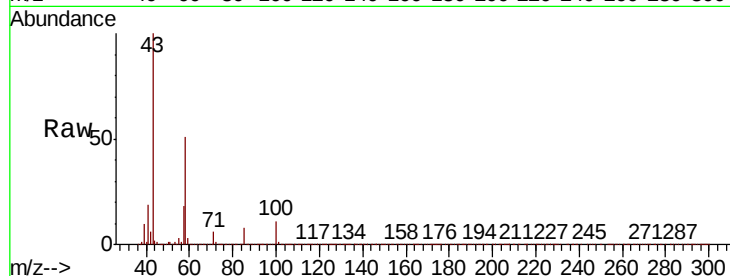




#59
2-Hexanone
Concen: 246.113 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

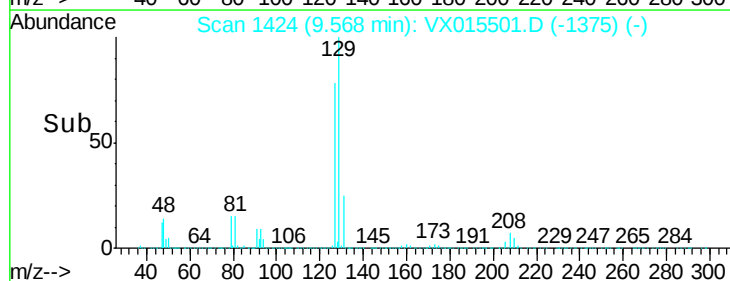
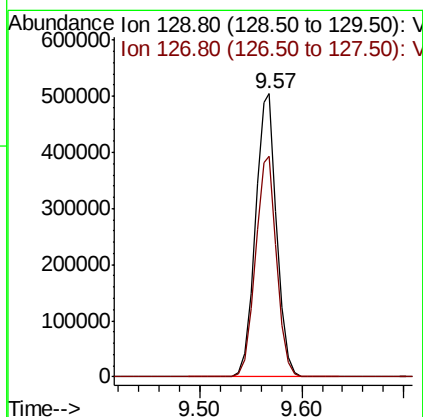
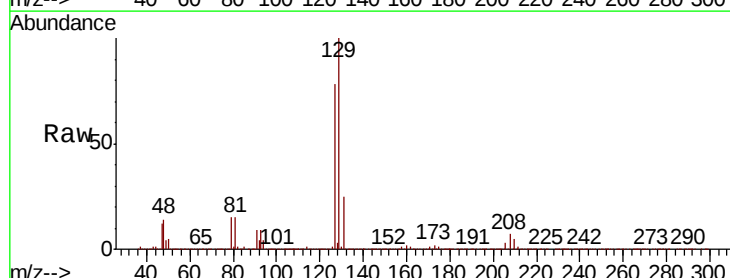
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

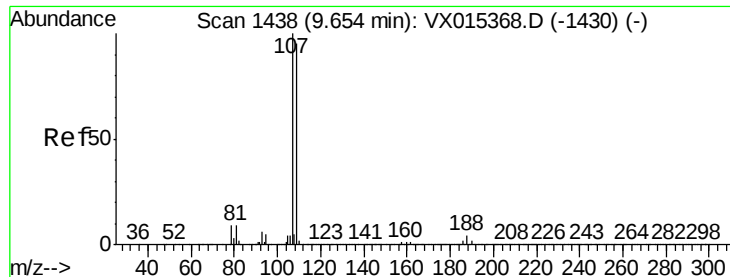
Tot Ion: 43 Resp: 3768140
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.6



#60
Dibromochloromethane
Concen: 50.777 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:129 Resp: 734985
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

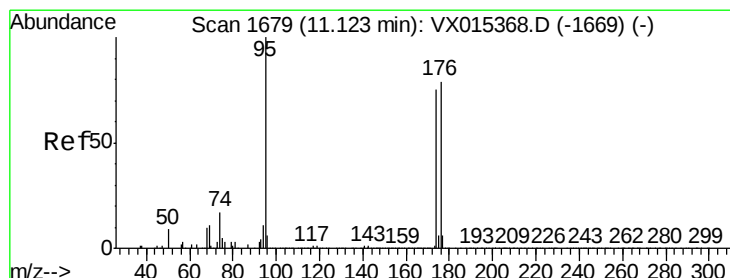
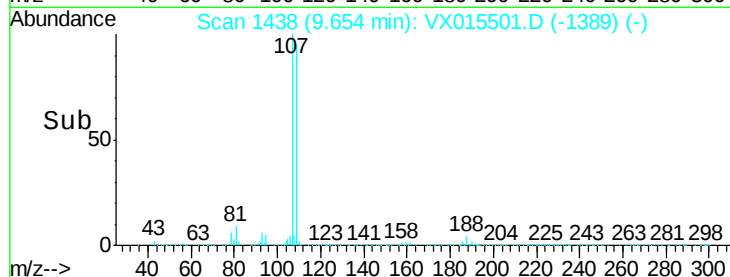
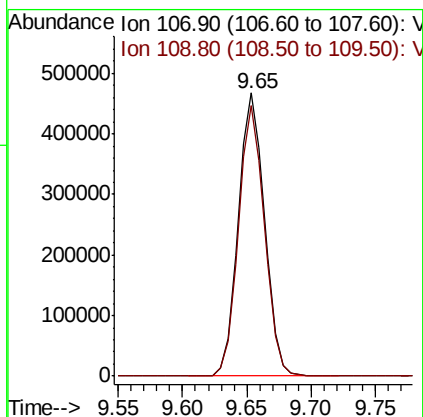
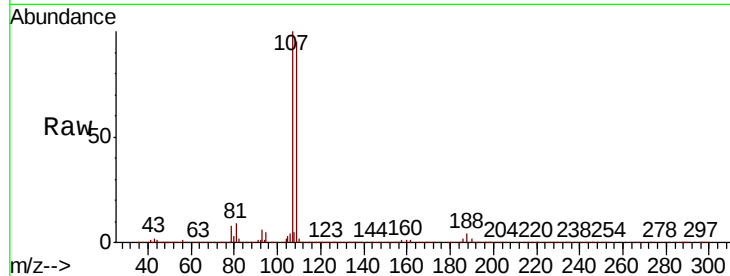




#61
 1,2-Dibromoethane
 Concen: 50.191 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

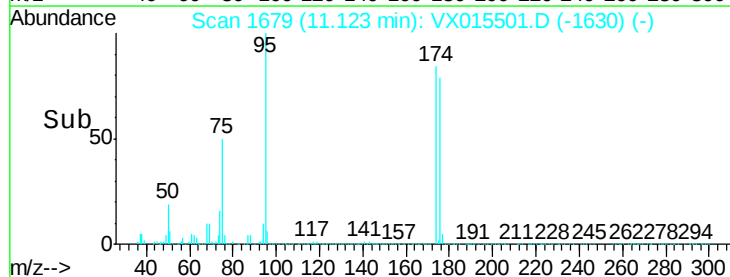
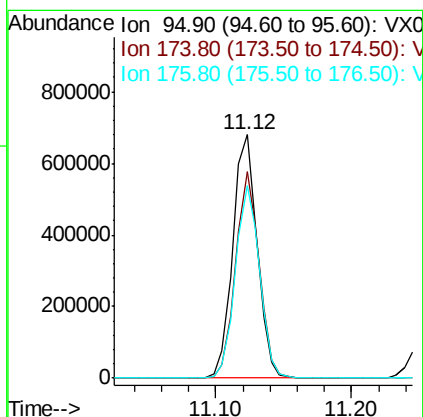
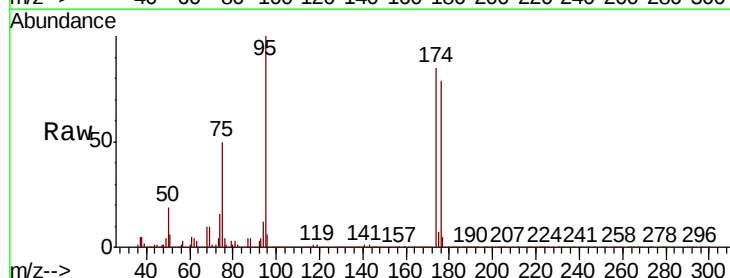
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 657393
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.956 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion: 95 Resp: 844241
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 158.6
 176 78.7 0.0 159.0

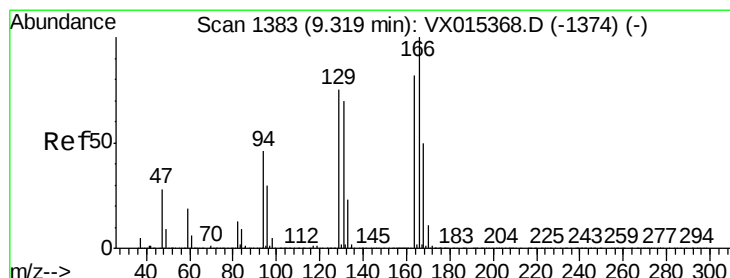
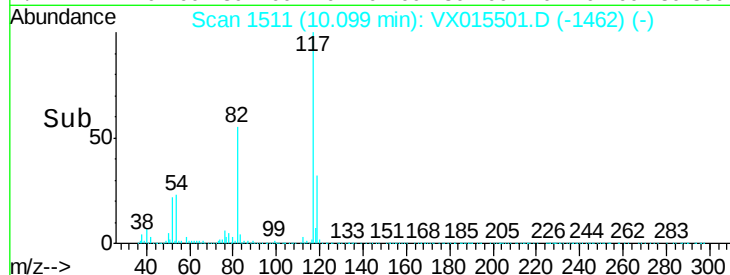
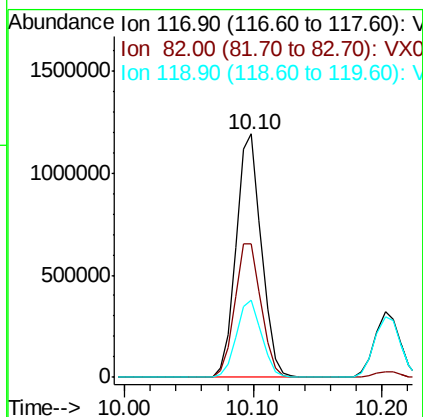
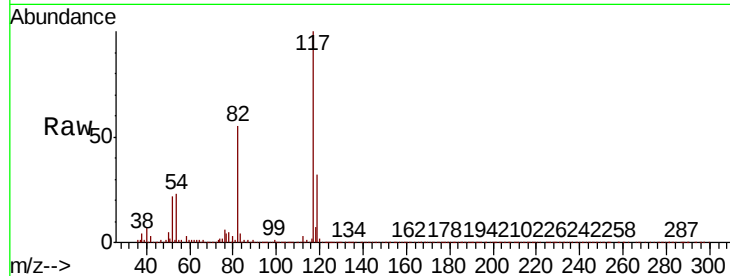




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

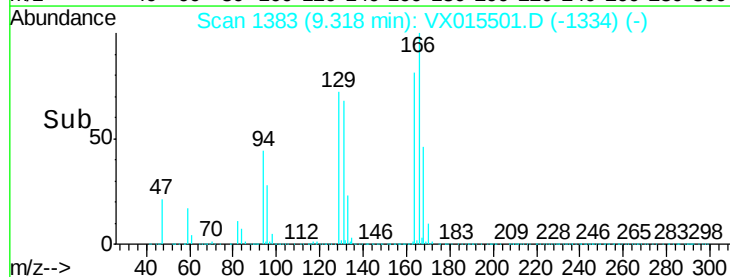
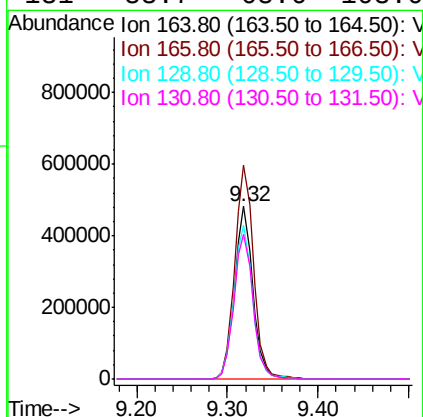
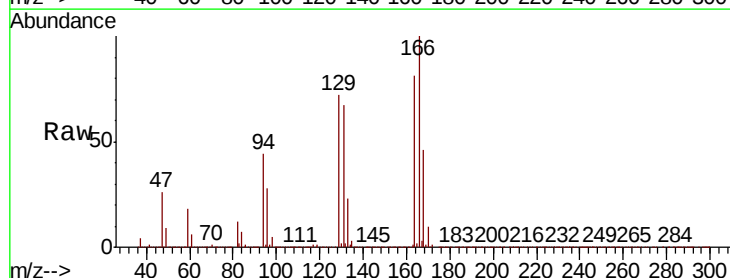
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

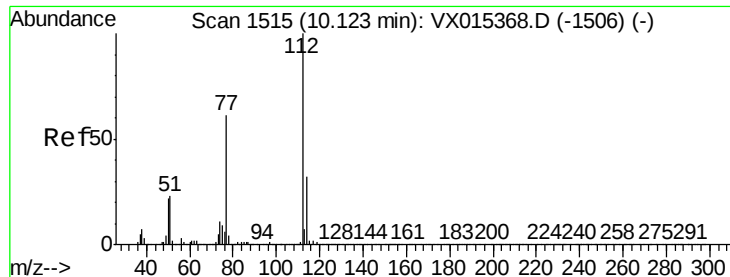
Tot Ion:117 Resp: 1618472
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.8
119 31.5 26.8 40.2



#64
Tetrachloroethene
Concen: 55.026 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:164 Resp: 672098
Ion Ratio Lower Upper
164 100
166 124.0 97.8 146.6
129 89.5 73.0 109.4
131 83.7 68.6 103.0

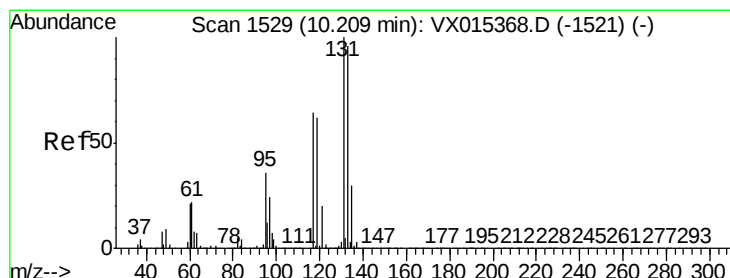
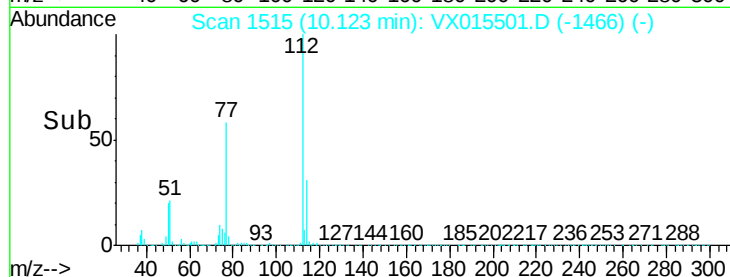
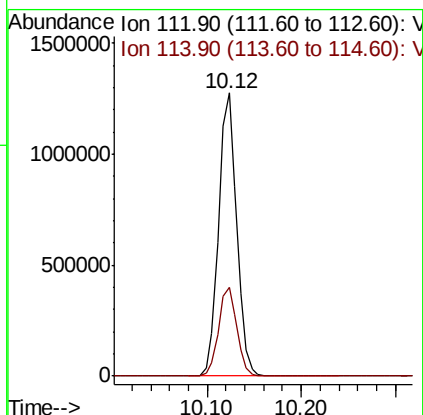
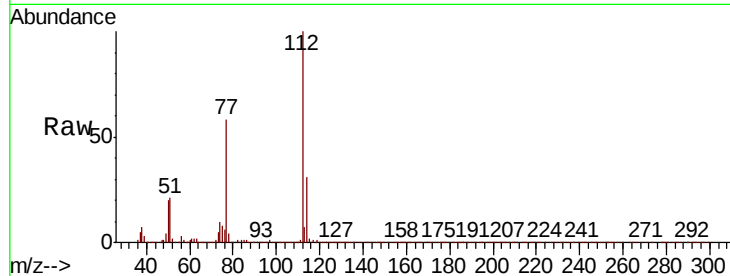




#65
Chlorobenzene
Concen: 52.501 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

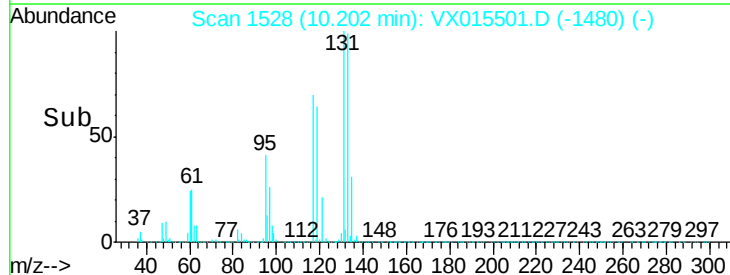
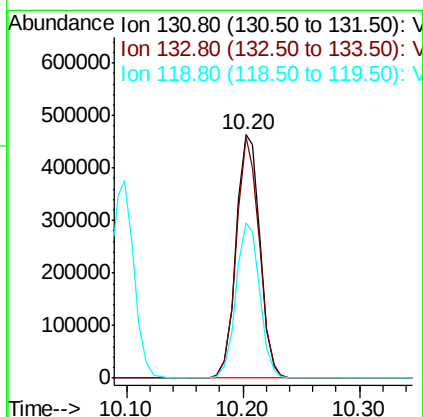
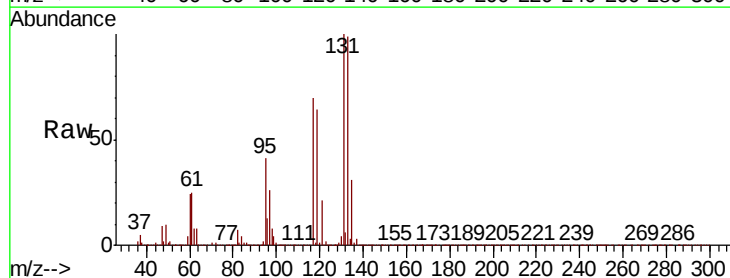
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

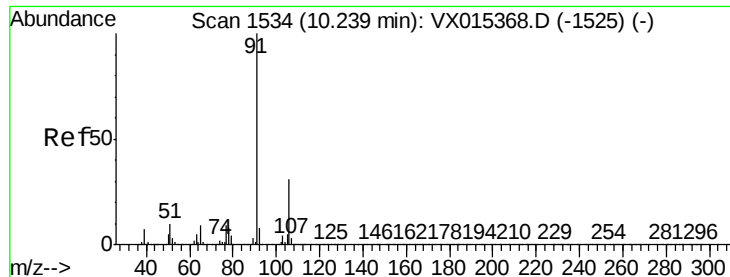
Tot Ion:112 Resp: 1694583
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.195 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:131 Resp: 660150
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.4 31.1 93.3





#67

Ethyl Benzene

Concen: 53.120 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

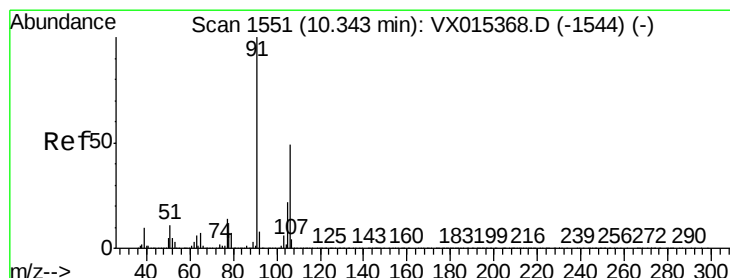
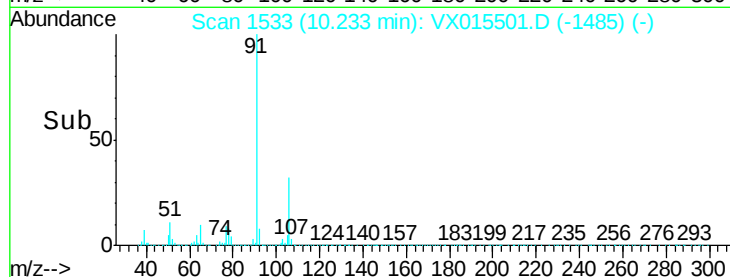
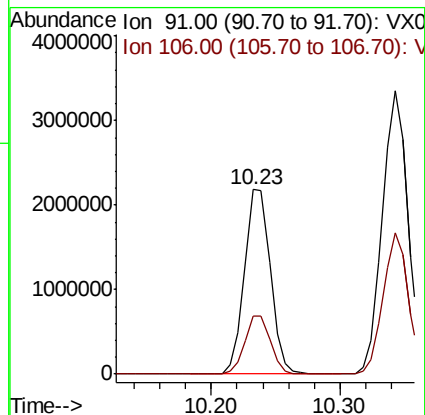
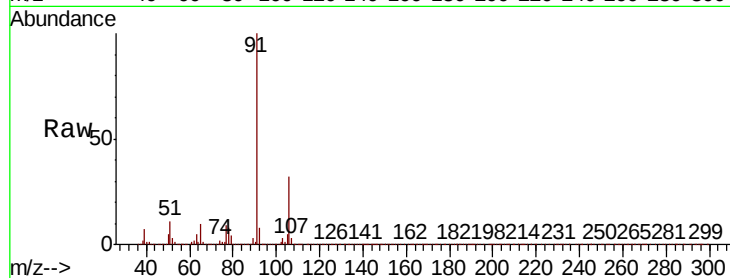
VSTDCCC050

Tot Ion: 91 Resp: 3040937

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#68

m/p-Xylenes

Concen: 106.336 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015501.D

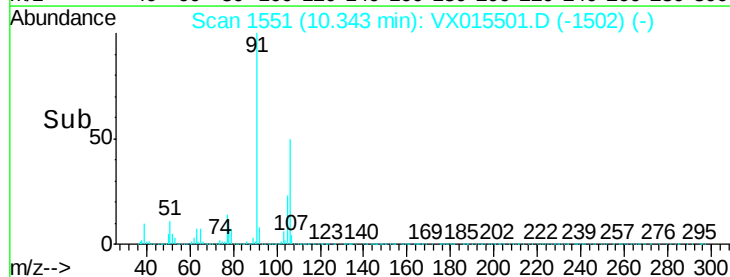
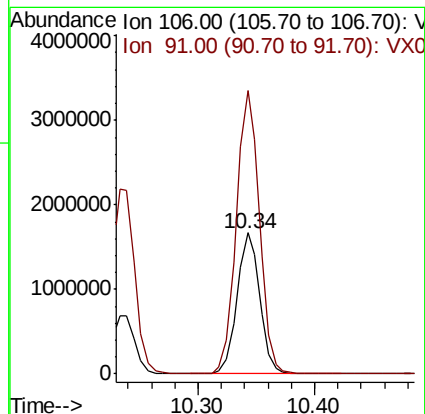
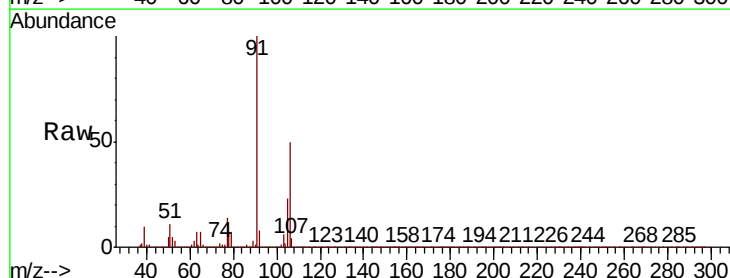
Acq: 06 Apr 2020 10:24

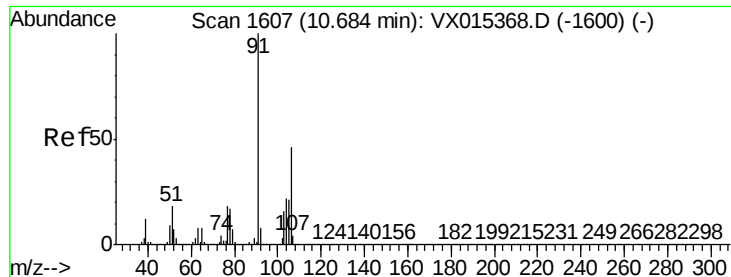
Tgt Ion: 106 Resp: 2266746

Ion Ratio Lower Upper

106 100

91 204.5 163.4 245.0

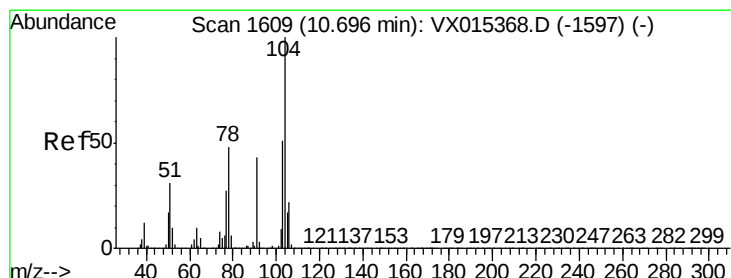
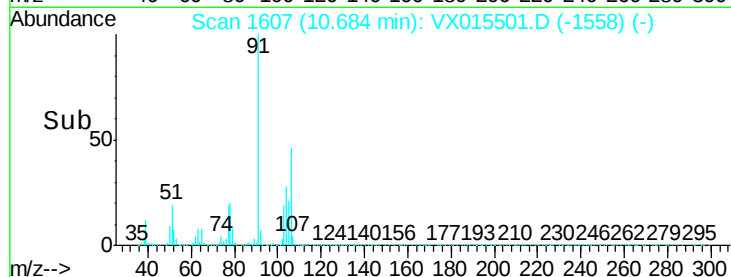
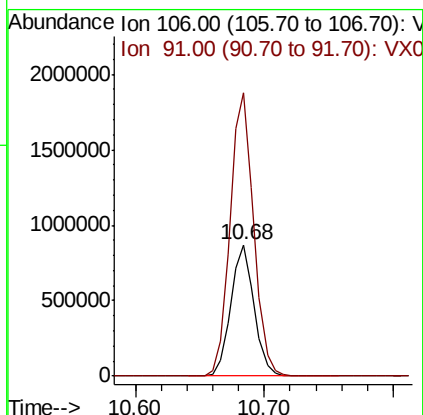
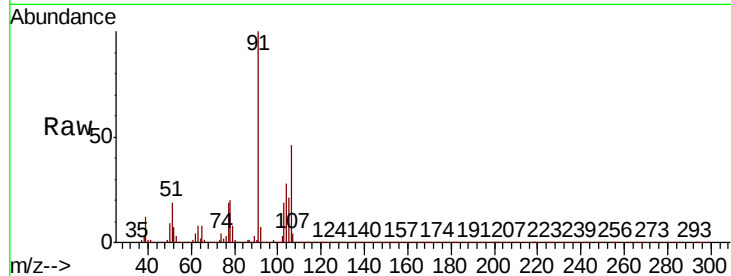




#69
o-Xylene
Concen: 52.095 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

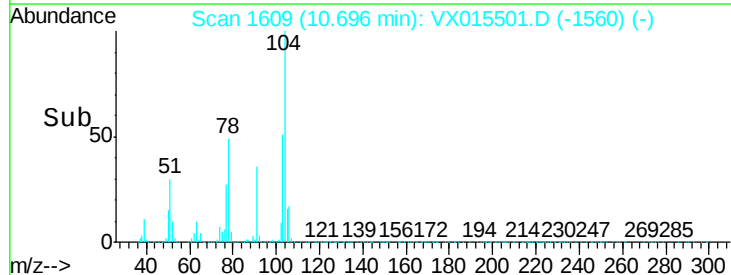
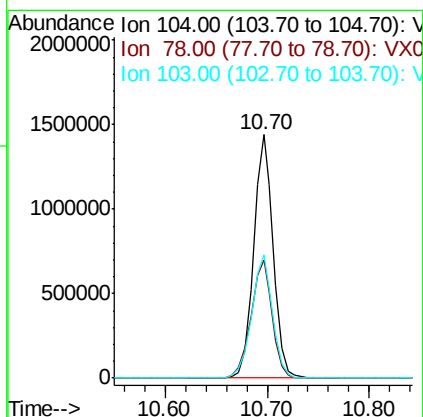
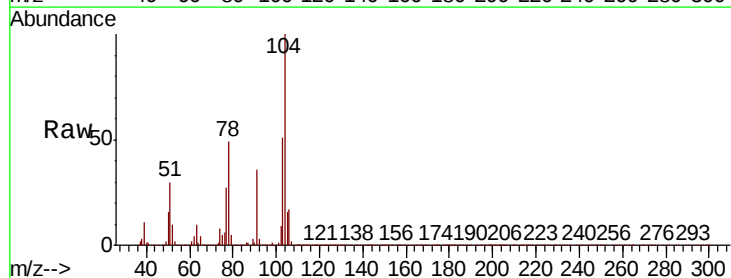
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

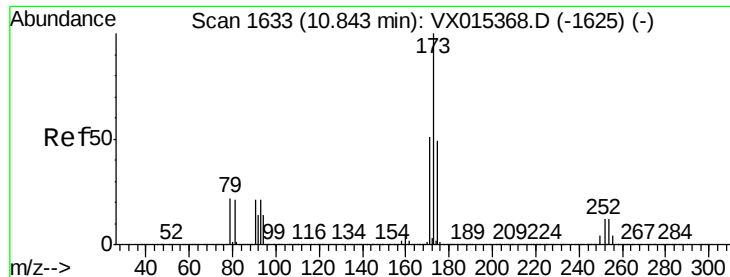
Tot Ion:106 Resp: 1097360
Ion Ratio Lower Upper
106 100
91 219.4 107.1 321.3



#70
Styrene
Concen: 51.923 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:104 Resp: 1924618
Ion Ratio Lower Upper
104 100
78 52.7 42.0 63.0
103 54.0 43.4 65.0





#71

Bromoform

Concen: 50.128 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

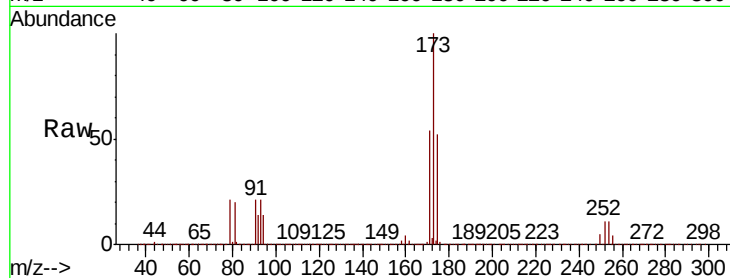
Tot Ion:173 Resp: 588440

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

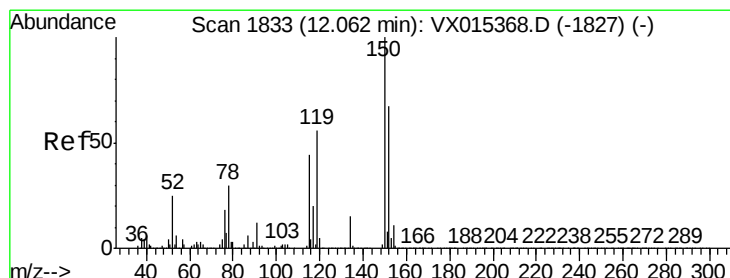
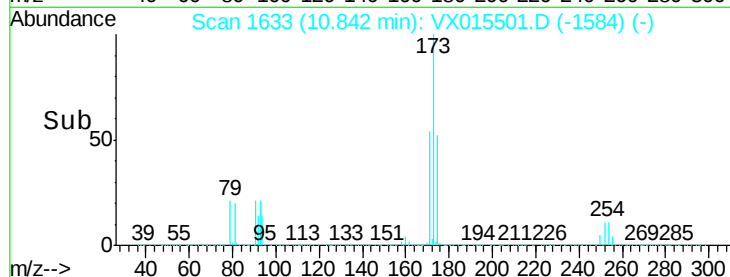
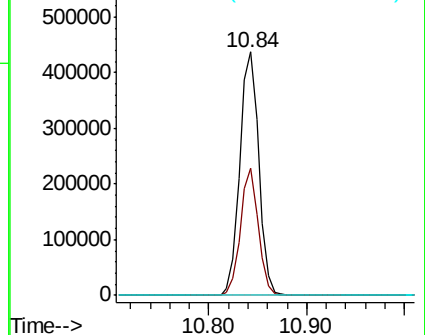
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

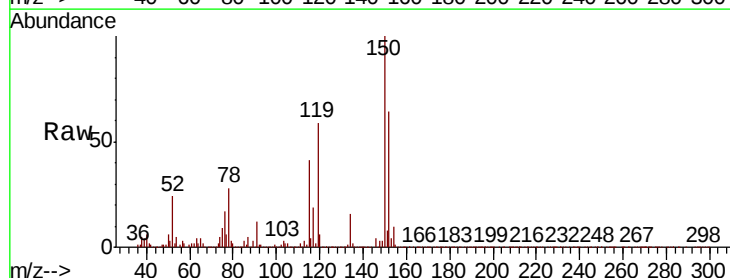
Tgt Ion:152 Resp: 867303

Ion Ratio Lower Upper

152 100

115 81.5 39.0 116.9

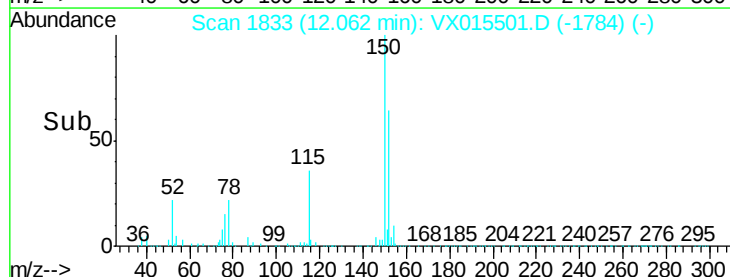
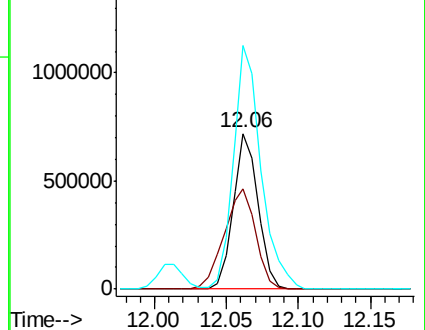
150 174.0 0.0 340.8

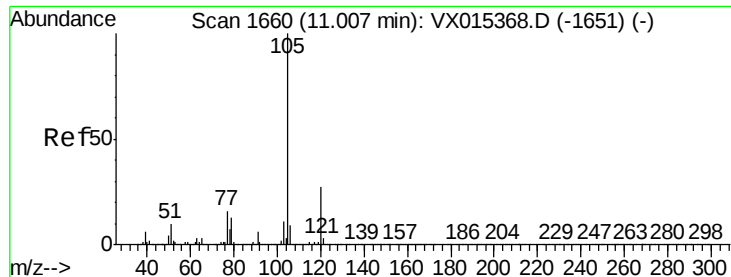


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.816 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

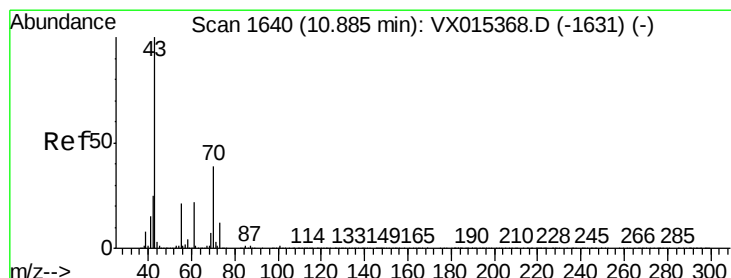
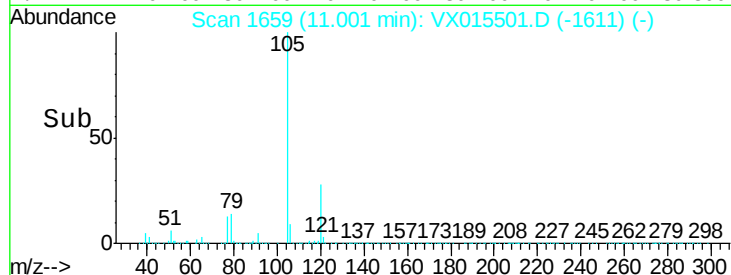
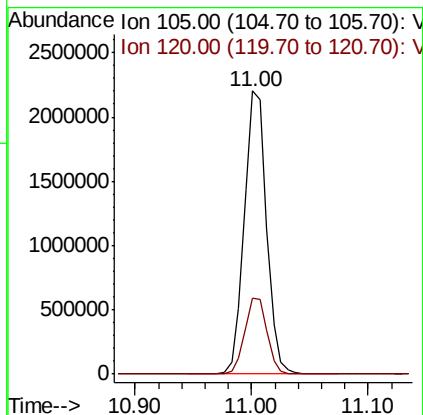
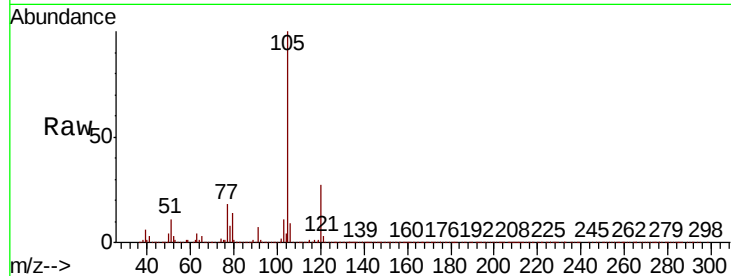
VSTDCCC050

Tot Ion:105 Resp: 2944564

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 47.713 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion: 43 Resp: 1508030

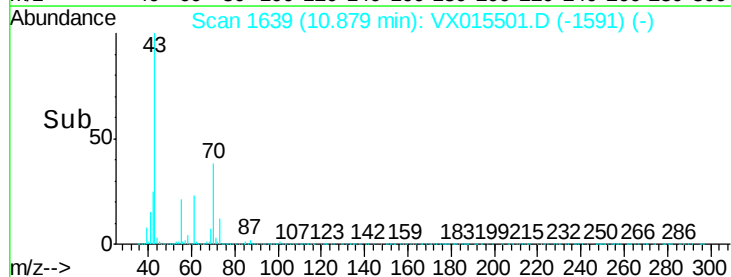
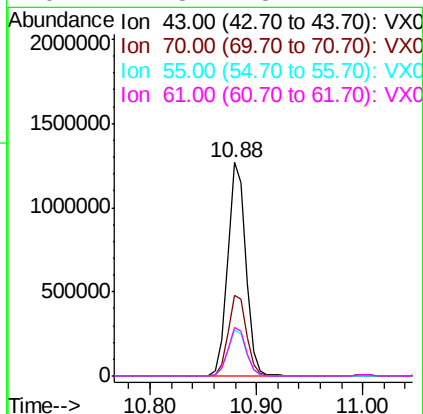
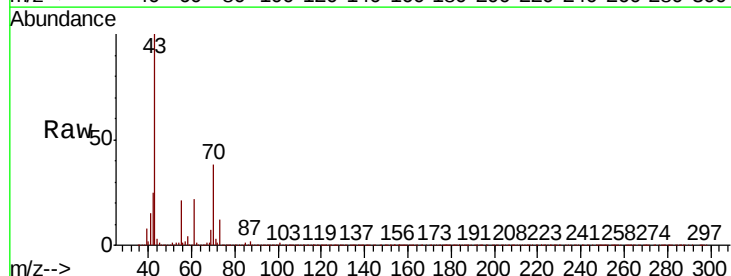
Ion Ratio Lower Upper

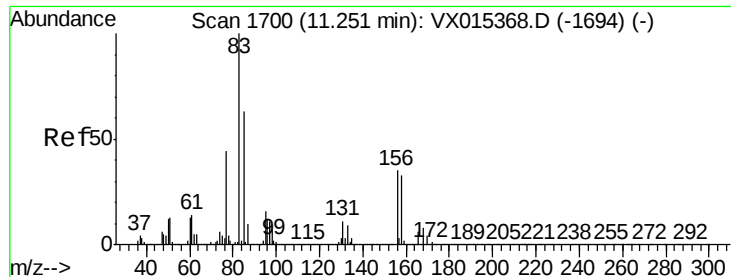
43 100

70 38.4 30.2 45.4

55 21.6 16.8 25.2

61 22.8 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.842 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

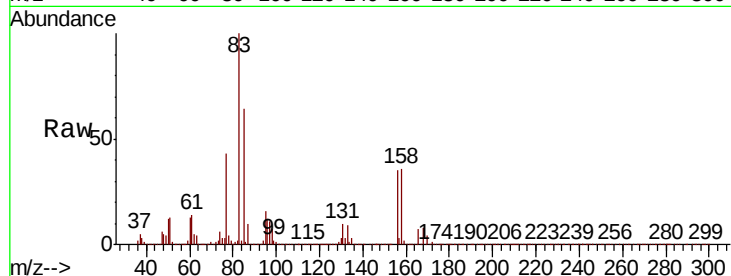
Tot Ion: 83 Resp: 913411

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

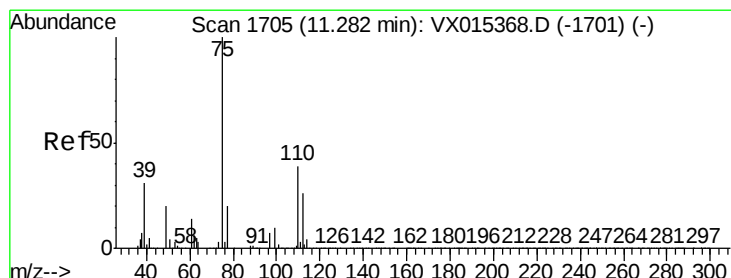
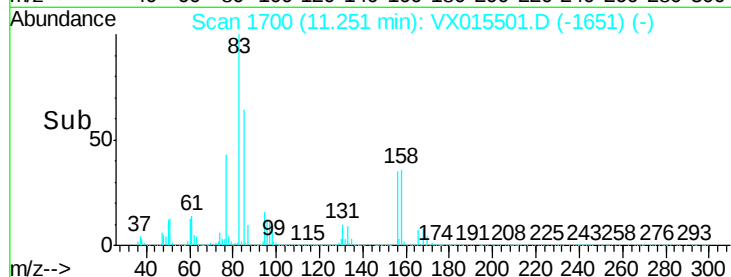
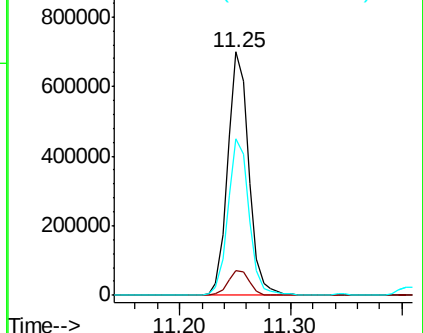
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.060 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015501.D

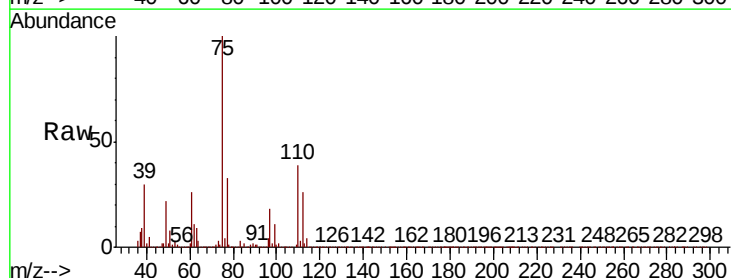
Acq: 06 Apr 2020 10:24

Tgt Ion: 75 Resp: 1160365

Ion Ratio Lower Upper

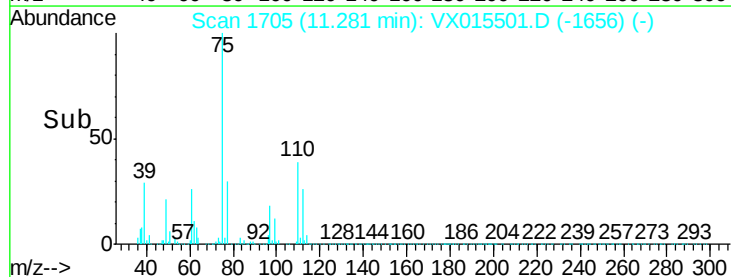
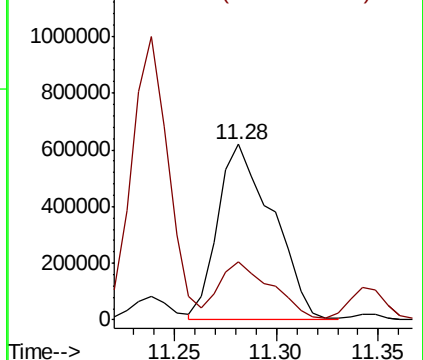
75 100

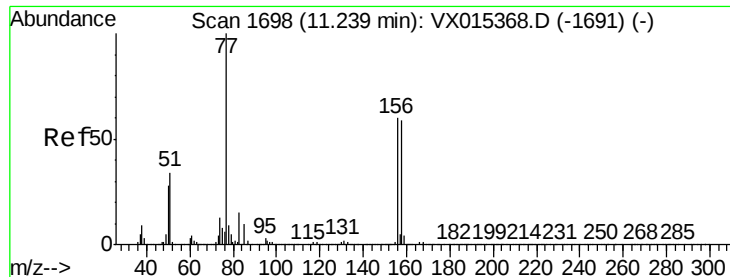
77 31.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.643 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

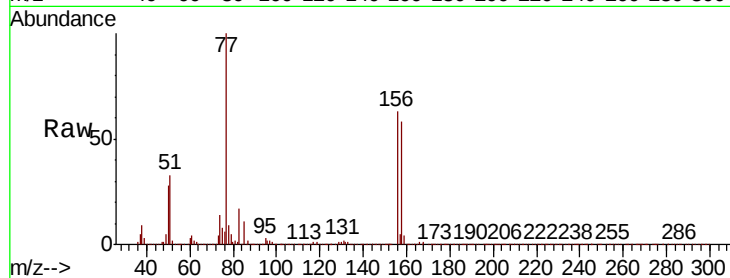
Tot Ion:156 Resp: 797970

Ion Ratio Lower Upper

156 100

77 156.7 82.2 246.5

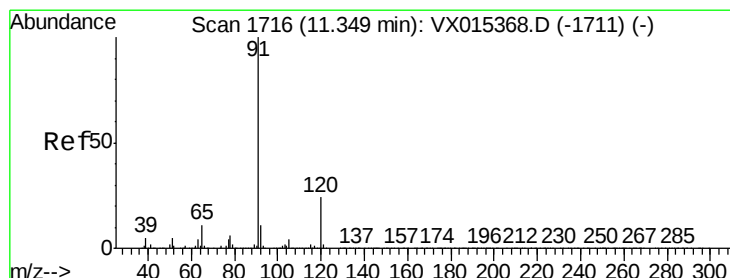
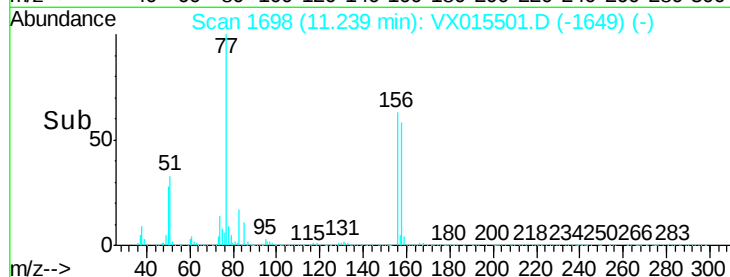
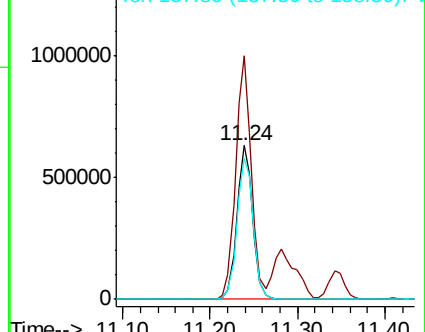
158 94.8 49.3 147.9



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: 53.806 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015501.D

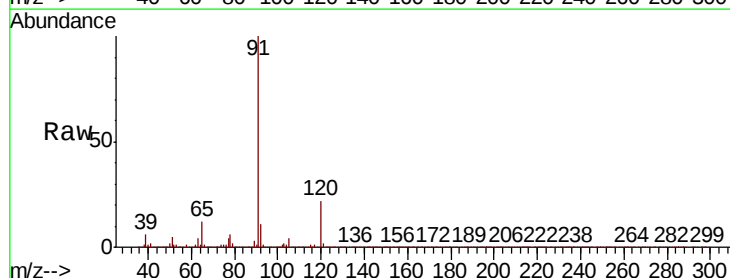
Acq: 06 Apr 2020 10:24

Tgt Ion: 91 Resp: 3496361

Ion Ratio Lower Upper

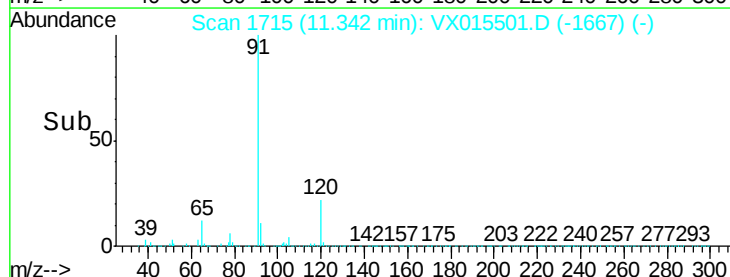
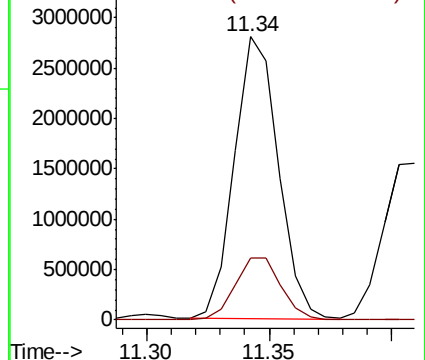
91 100

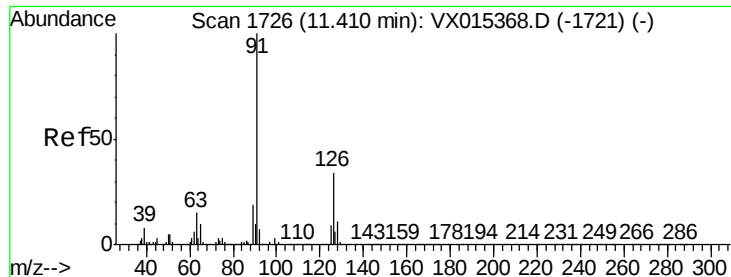
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.902 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

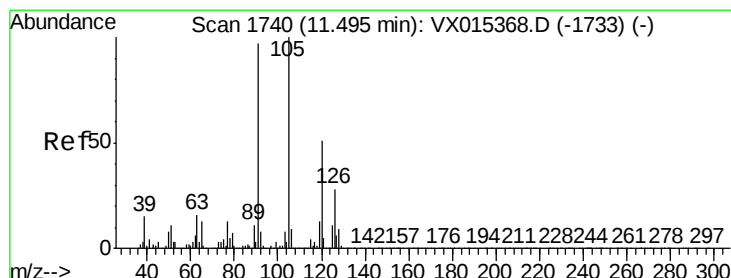
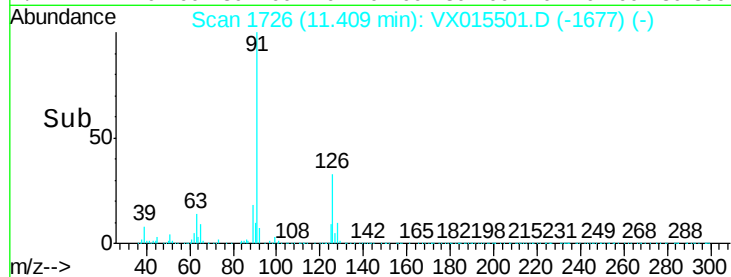
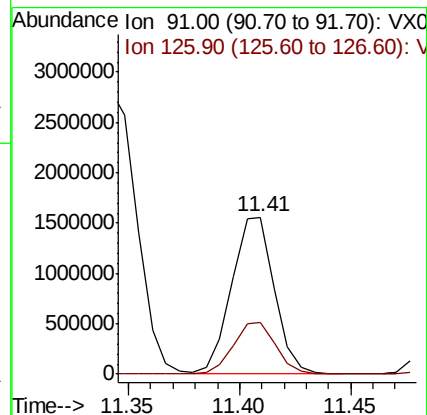
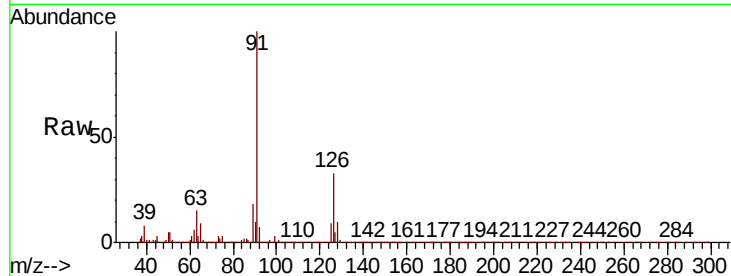
VSTDCCC050

Tot Ion: 91 Resp: 2067169

Ion Ratio Lower Upper

91 100

126 33.3 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 53.389 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015501.D

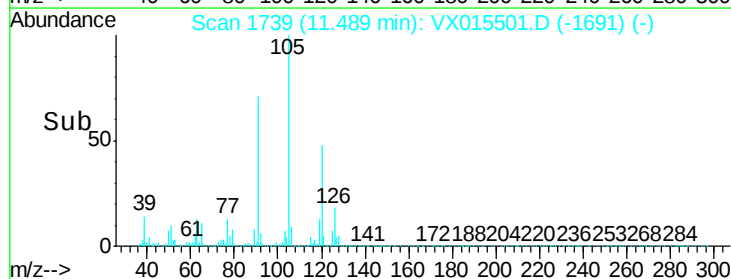
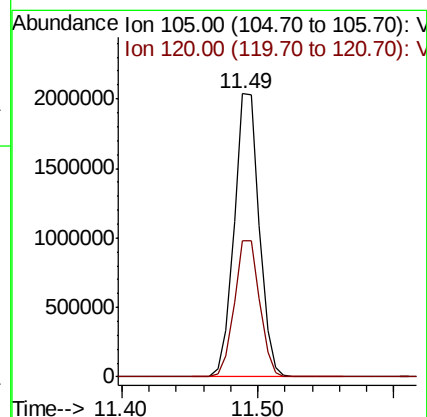
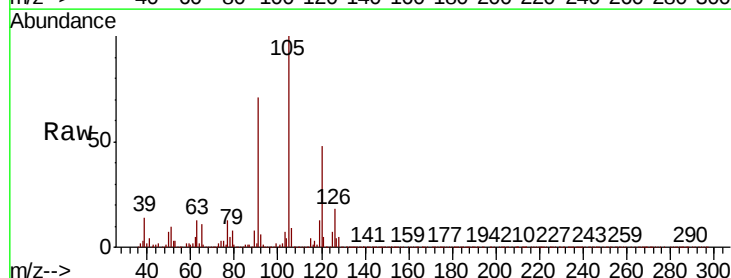
Acq: 06 Apr 2020 10:24

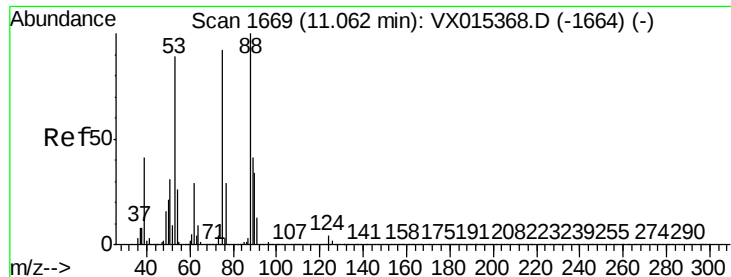
Tgt Ion:105 Resp: 2591116

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.947 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

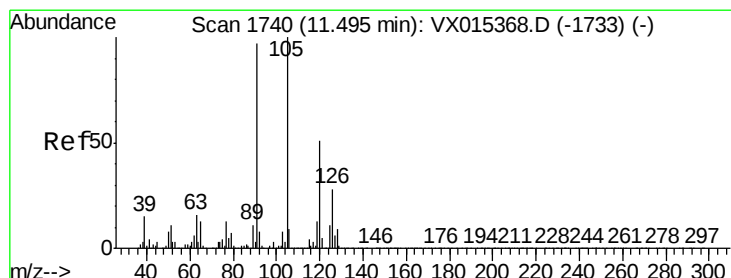
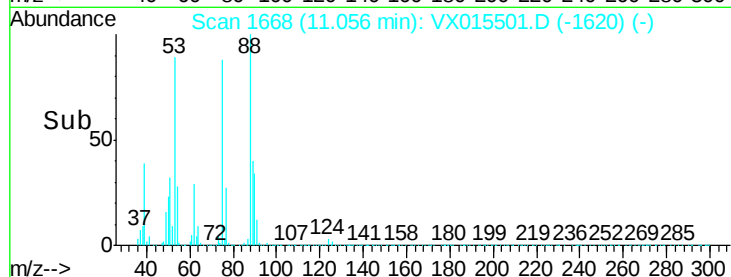
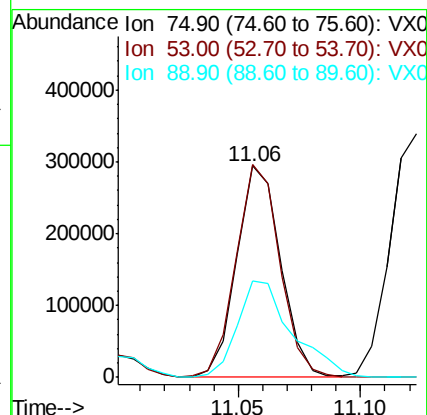
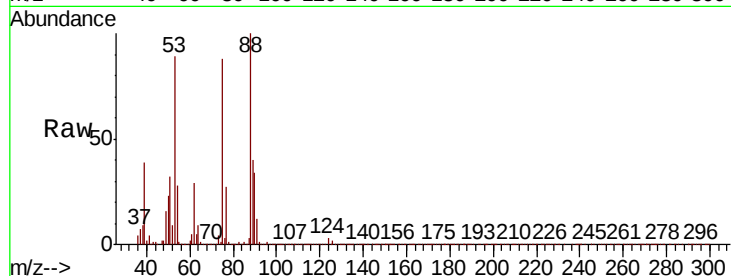
Tot Ion: 75 Resp: 363827

Ion Ratio Lower Upper

75 100

53 100.9 80.1 120.1

89 57.8 36.1 54.1#



#82

4-Chlorotoluene

Concen: 52.802 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015501.D

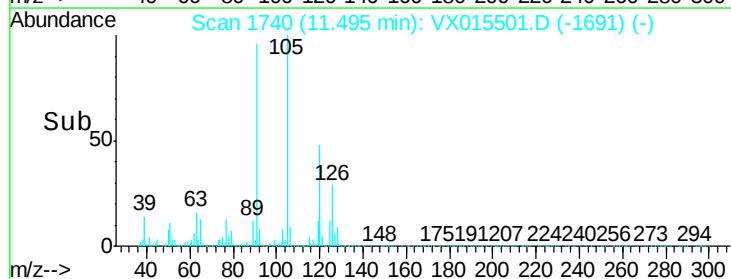
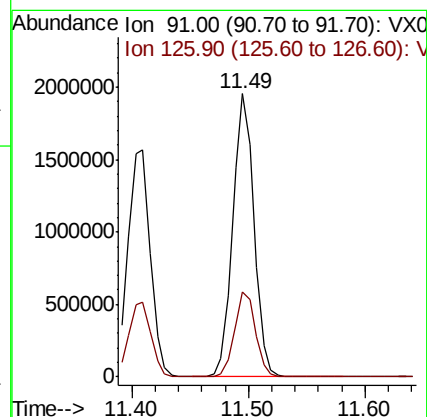
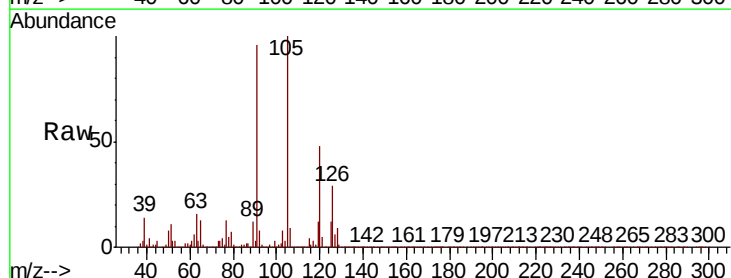
Acq: 06 Apr 2020 10:24

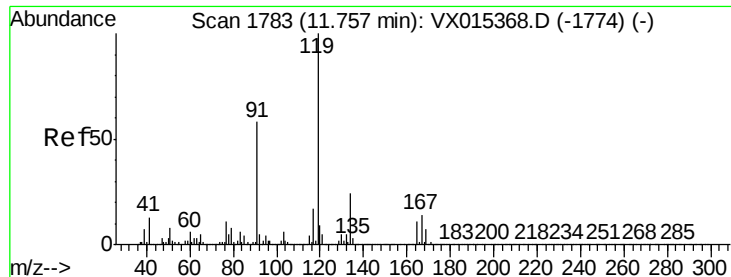
Tgt Ion: 91 Resp: 2465403

Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

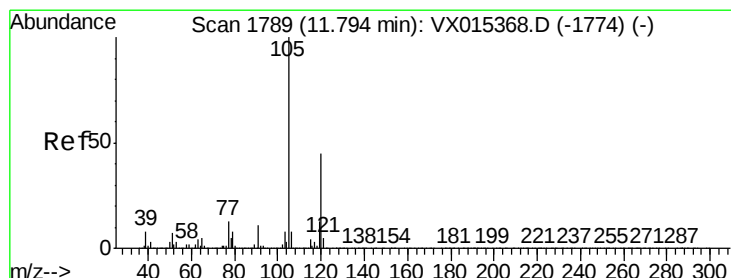
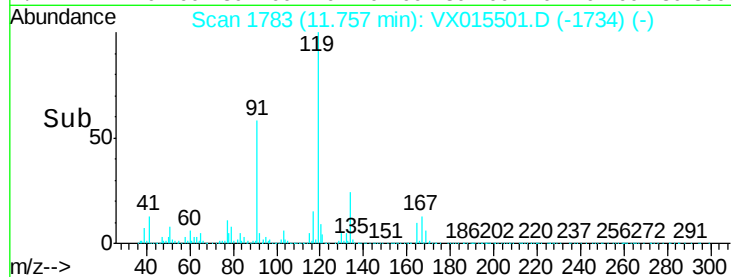
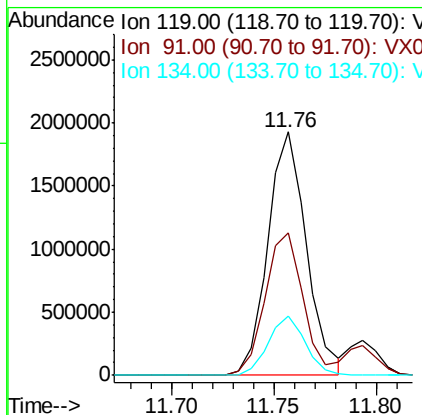
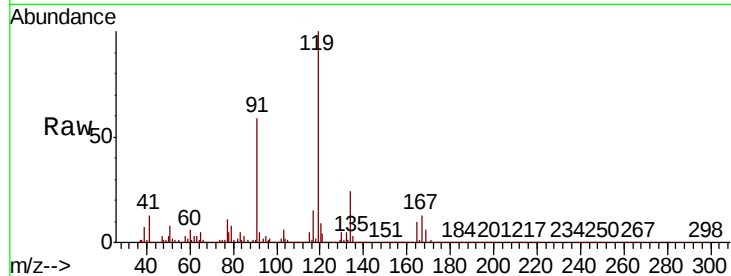




#83
tert-Butylbenzene
Concen: 53.601 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

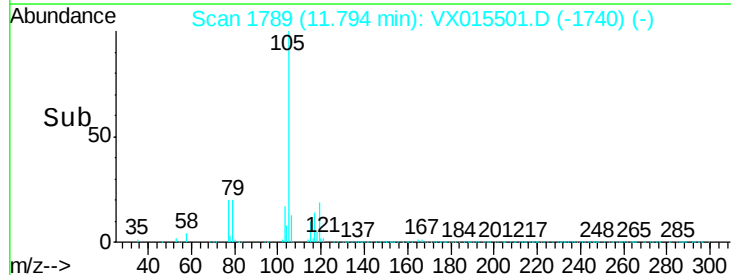
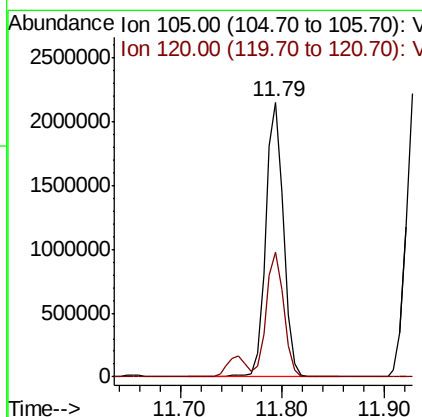
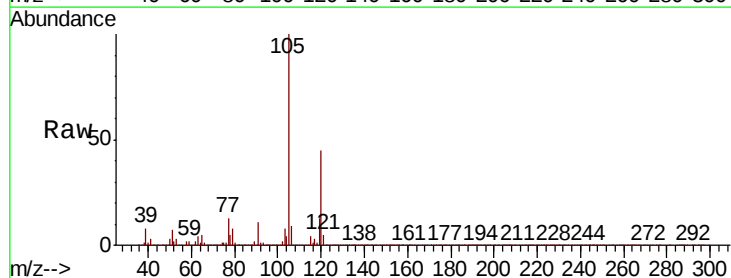
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

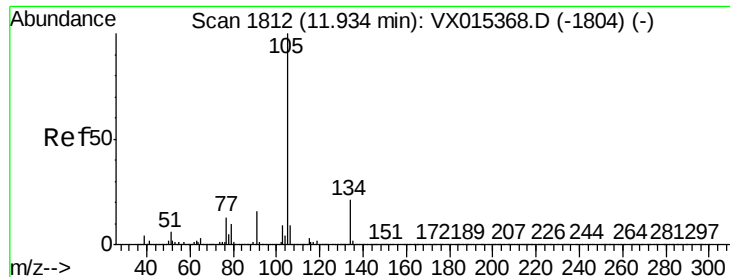
Tot Ion:119 Resp: 2541003
Ion Ratio Lower Upper
119 100
91 57.1 28.6 85.8
134 23.2 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 52.422 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:105 Resp: 2592610
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.808 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

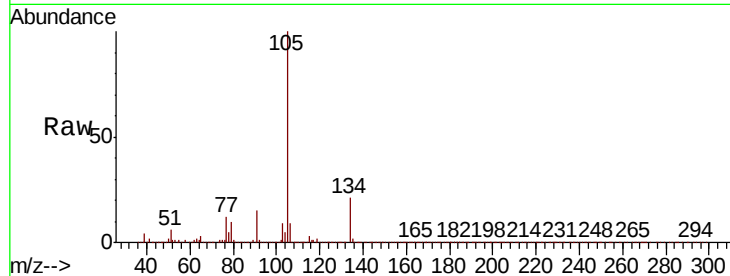
VSTDCCC050

Tot Ion:105 Resp: 3004953

Ion Ratio Lower Upper

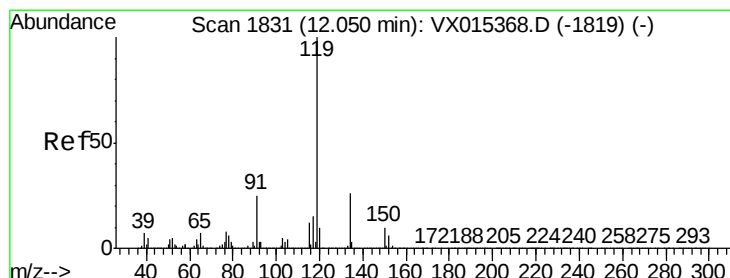
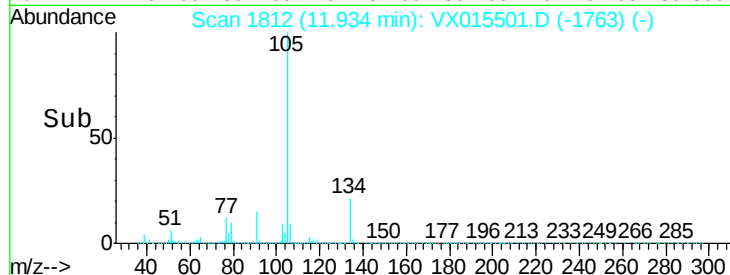
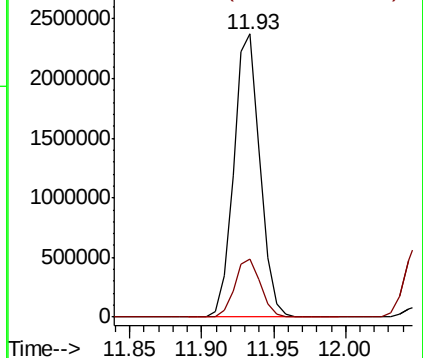
105 100

134 20.3 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: 55.698 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

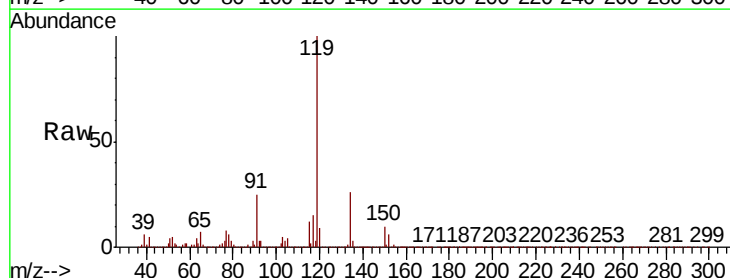
Tgt Ion:119 Resp: 2834920

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

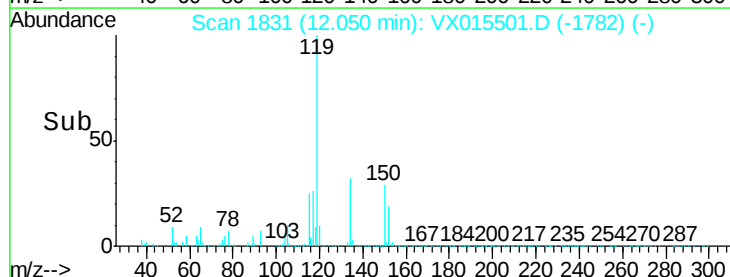
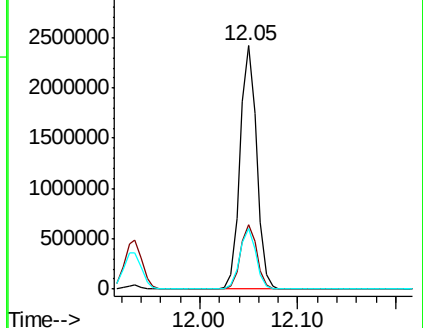
91 24.2 12.4 37.4

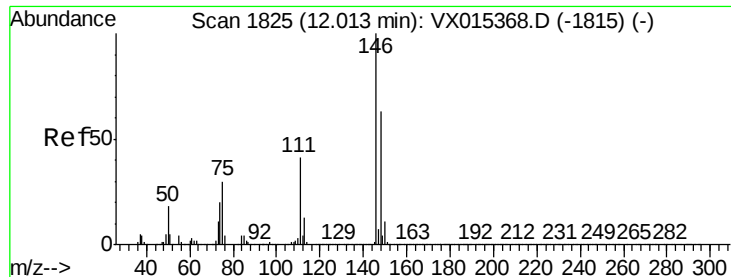


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

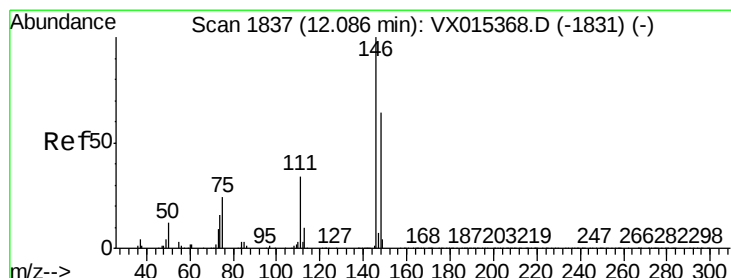
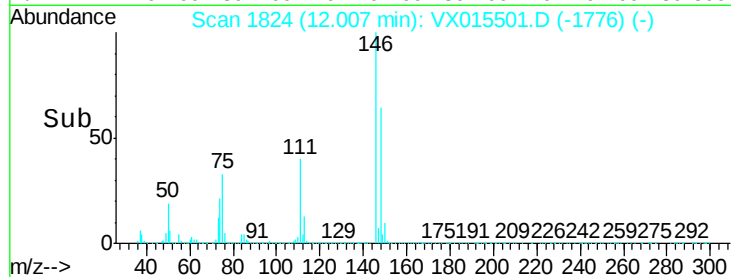
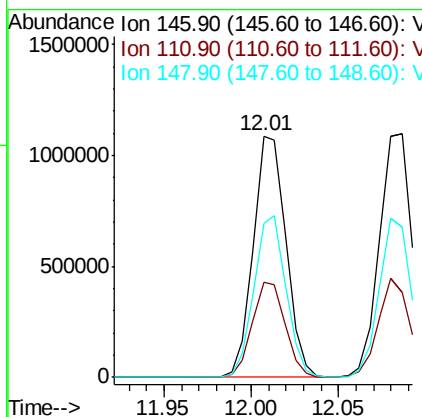
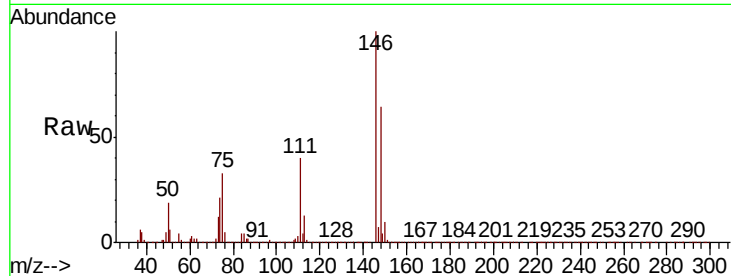




#87
 1,3-Dichlorobenzene
 Concen: 52.139 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

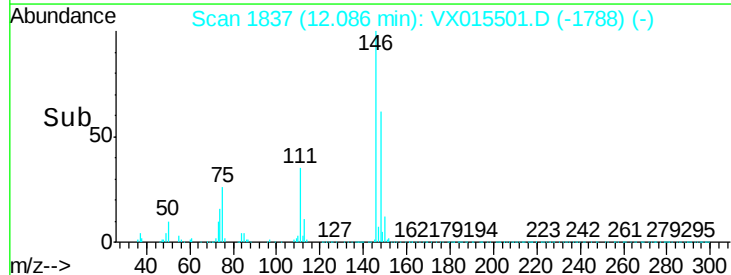
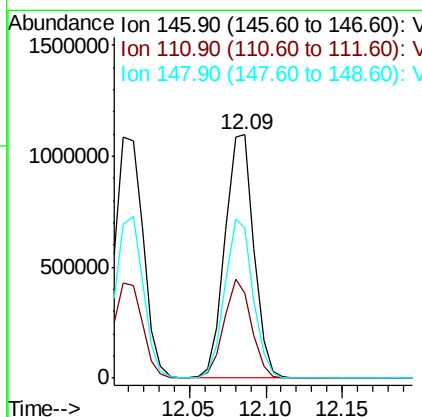
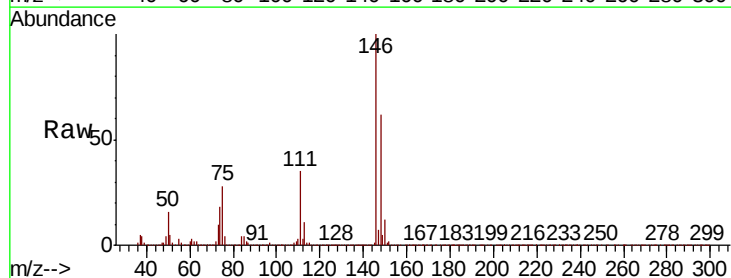
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

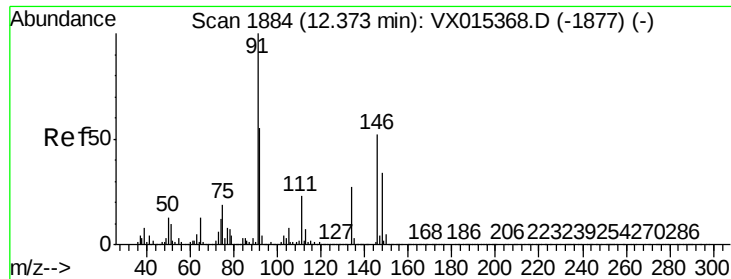
Tot Ion:146 Resp: 1414843
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.9
 148 65.5 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 51.827 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion:146 Resp: 1432531
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.8 32.4 97.2

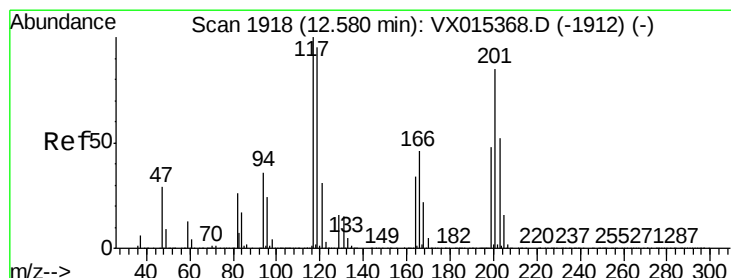
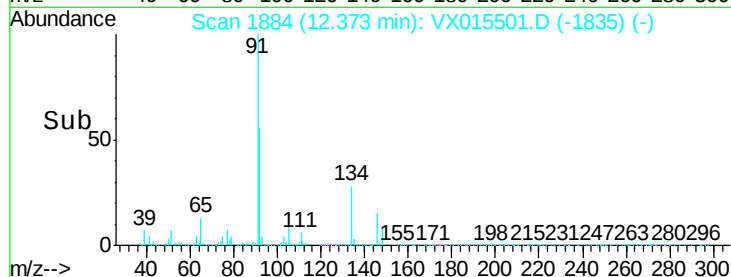
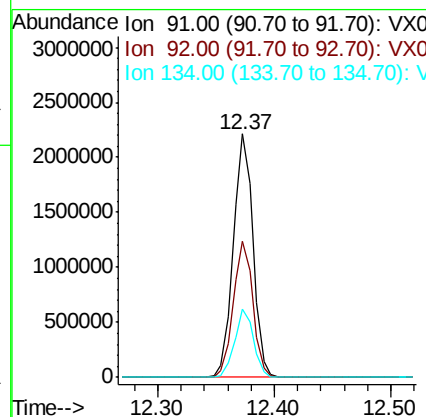
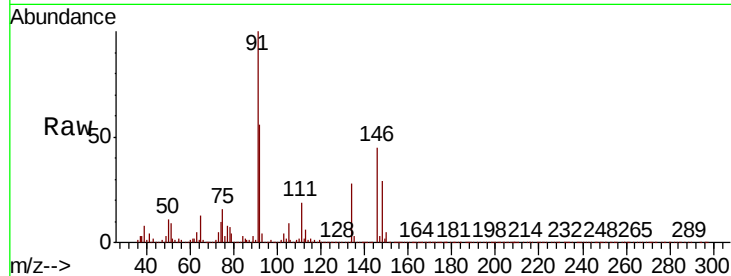




#89
n-Butylbenzene
Concen: 56.407 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

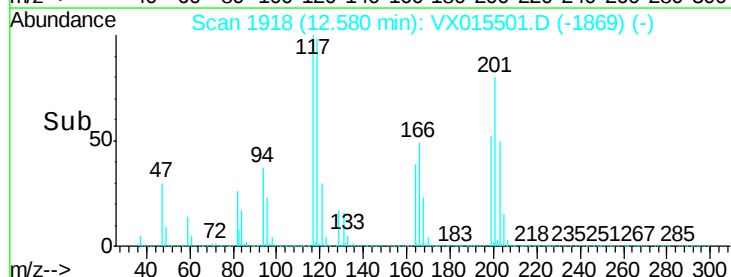
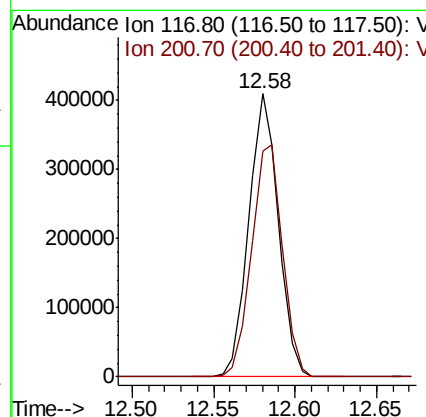
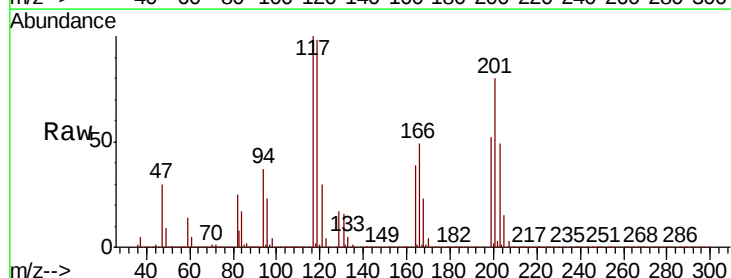
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

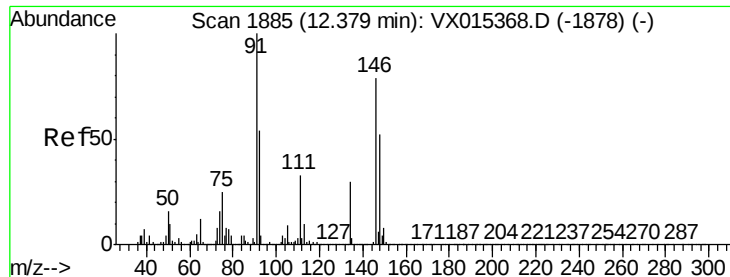
Tot Ion: 91 Resp: 2594477
Ion Ratio Lower Upper
91 100
92 55.5 27.2 81.5
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 52.207 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 117 Resp: 517202
Ion Ratio Lower Upper
117 100
201 86.0 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 52.478 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

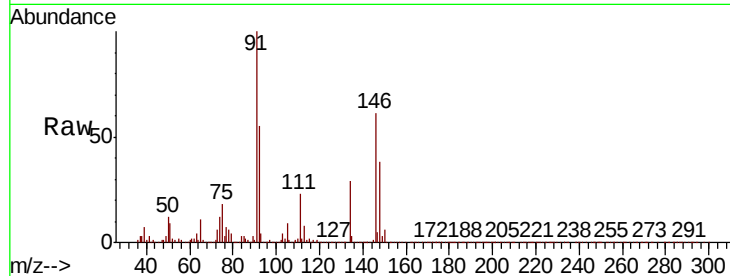
Tot Ion:146 Resp: 1393618

Ion Ratio Lower Upper

146 100

111 40.3 21.0 63.0

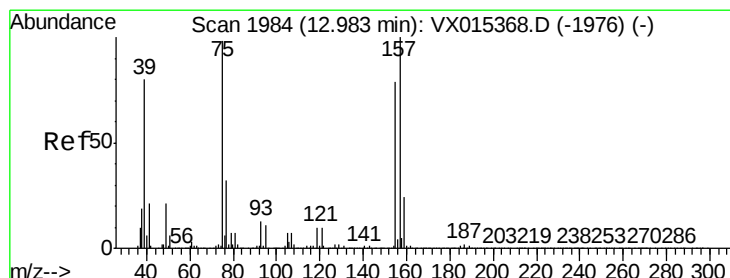
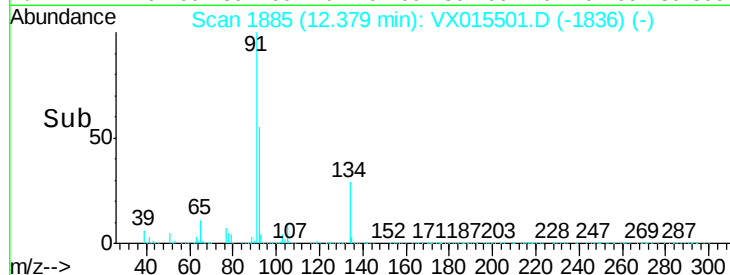
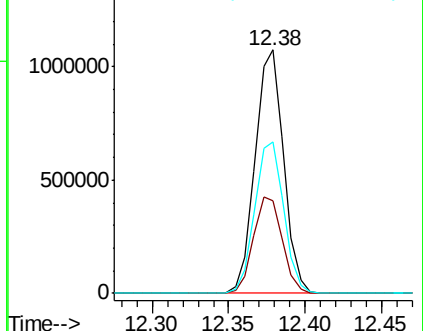
148 63.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.422 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

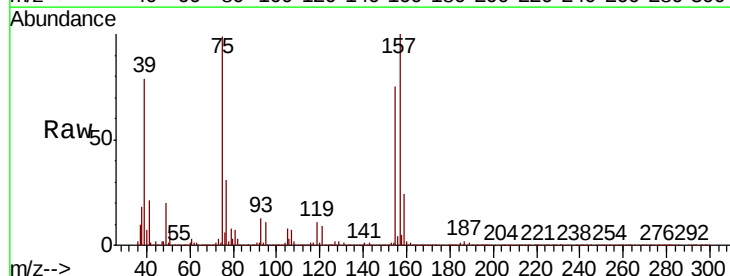
Tgt Ion: 75 Resp: 238981

Ion Ratio Lower Upper

75 100

155 84.9 42.8 128.4

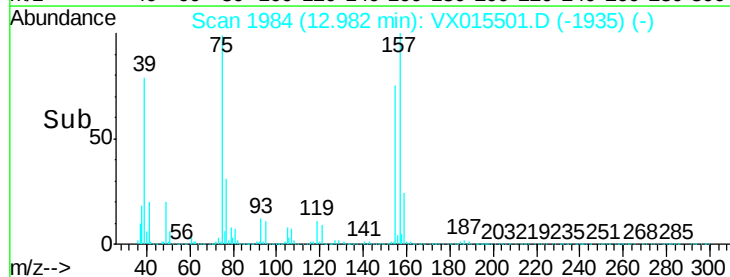
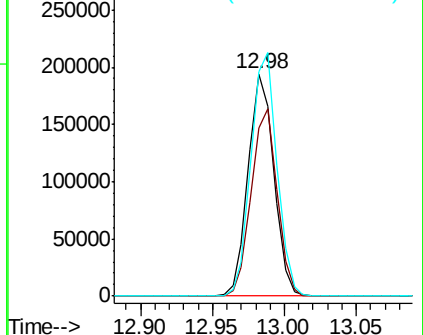
157 110.4 53.4 160.3

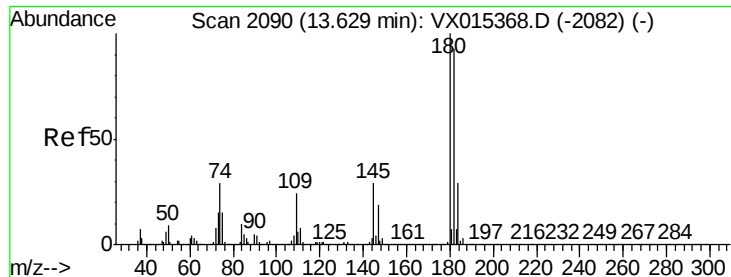


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

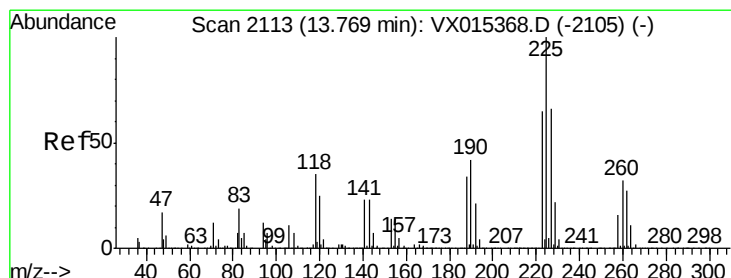
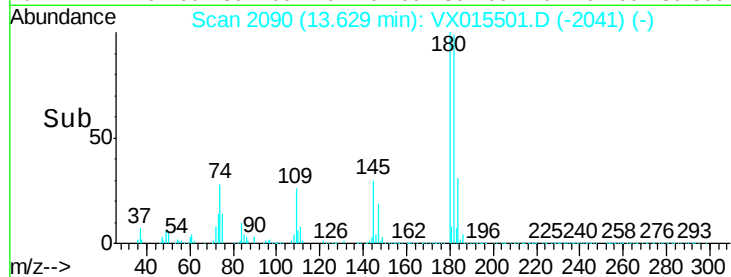
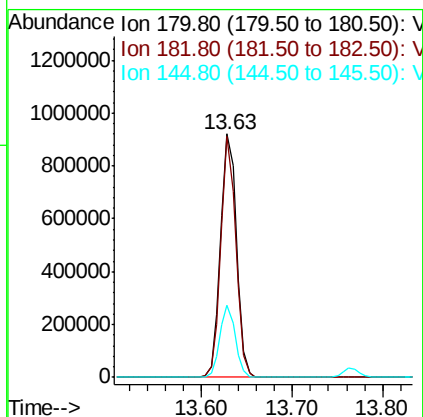
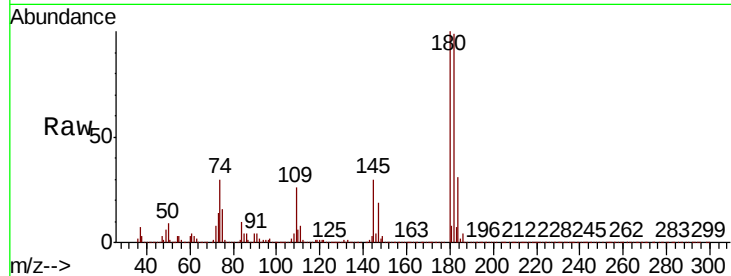




#93
 1,2,4-Trichlorobenzene
 Concen: 54.069 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

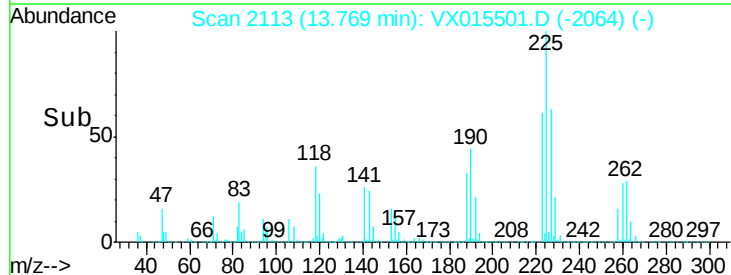
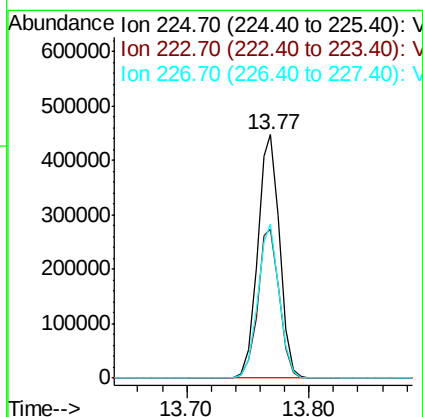
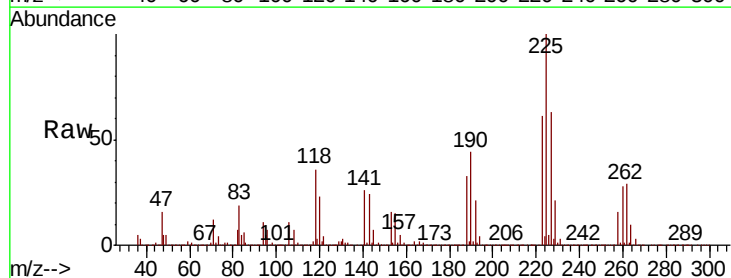
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

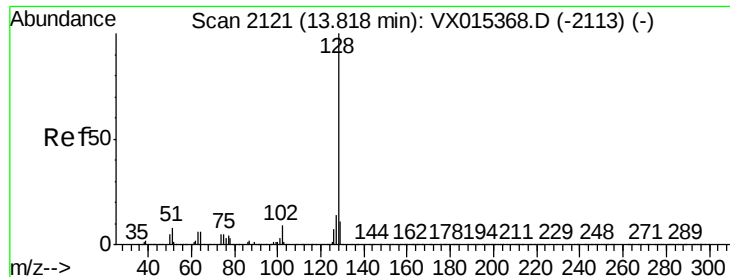
Tot Ion:180 Resp: 1135754
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.9 140.7
 145 28.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 55.893 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion:225 Resp: 558987
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.9 95.7
 227 61.8 30.4 91.3

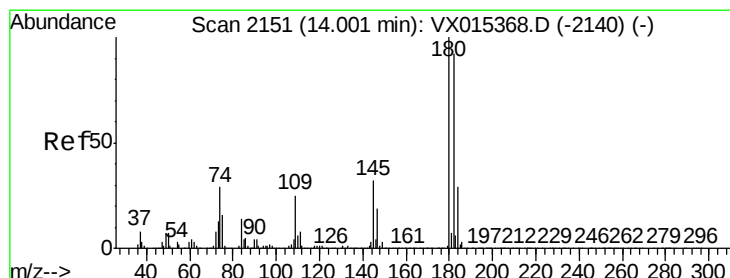
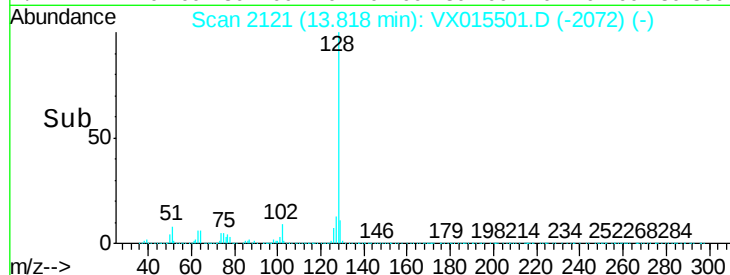
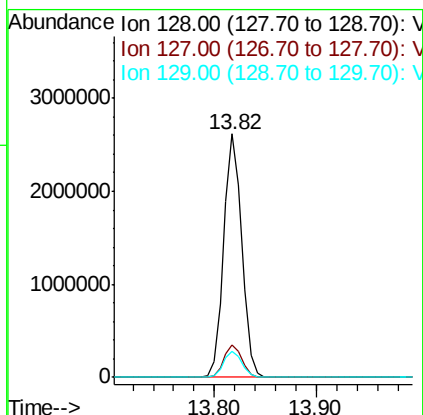
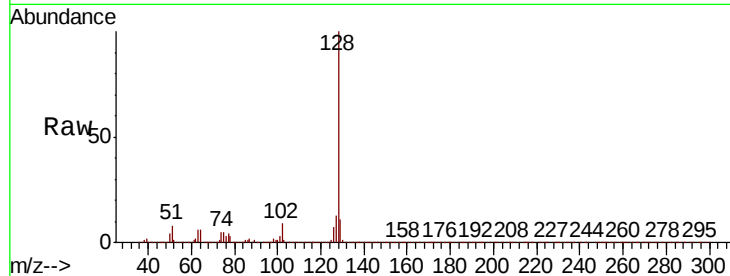




#95
Naphthalene
Concen: 50.220 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 3217833
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 55.521 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:180 Resp: 1122868
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.0
145 30.8 15.8 47.3

