

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015902.D
 Acq On : 23 Apr 2020 19:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 24 03:36:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	832997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1290986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1211641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	640551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483931	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	5.47	113	374860	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.70	98	1449623	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	584939	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	416838	58.460	ug/l	100
3) Chloromethane	1.31	50	394450	54.015	ug/l	100
4) Vinyl Chloride	1.39	62	433383	51.273	ug/l	99
5) Bromomethane	1.62	94	175179	61.793	ug/l	96
6) Chloroethane	1.71	64	245981	51.069	ug/l	99
7) Trichlorofluoromethane	1.92	101	572229	54.564	ug/l	99
8) Diethyl Ether	2.17	74	212643	50.000	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	356411	50.099	ug/l	99
10) Methyl Iodide	2.49	142	448595	51.039	ug/l	100
11) Tert butyl alcohol	3.01	59	500517	258.567	ug/l	99
12) 1,1-Dichloroethene	2.36	96	374971	51.394	ug/l	99
13) Acrolein	2.27	56	294844	257.422	ug/l	99
14) Allyl chloride	2.71	41	779270	50.263	ug/l	98
15) Acrylonitrile	3.12	53	1200330	267.148	ug/l	100
16) Acetone	2.42	43	991394	240.322	ug/l	99
17) Carbon Disulfide	2.55	76	964092	36.387	ug/l	99
18) Methyl Acetate	2.75	43	689422	50.623	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1396219	54.207	ug/l	99
20) Methylene Chloride	2.84	84	431782	51.558	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	425707	52.588	ug/l	95
22) Diisopropyl ether	3.83	45	1501398	53.729	ug/l	97
23) Vinyl Acetate	3.79	43	6224080	269.117	ug/l	100
24) 1,1-Dichloroethane	3.67	63	781257	53.640	ug/l	100
25) 2-Butanone	4.64	43	1710033	262.260	ug/l	99
26) 2,2-Dichloropropane	4.55	77	601656	46.244	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	486254	52.910	ug/l	99
28) Bromochloromethane	4.98	49	369915	48.403	ug/l #	100
29) Tetrahydrofuran	5.09	42	1118812	259.417	ug/l	100
30) Chloroform	5.18	83	779931	53.223	ug/l	98
31) Cyclohexane	5.55	56	716328	51.751	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	701472	53.688	ug/l	99
36) 1,1-Dichloropropene	5.77	75	589242	51.485	ug/l	99
37) Ethyl Acetate	4.79	43	693985	50.950	ug/l	99
38) Carbon Tetrachloride	5.76	117	618110	54.830	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	696170	48.034	ug/l	100
40) Benzene	6.12	78	1755295	50.922	ug/l	100
41) Methacrylonitrile	5.01	41	387526	51.201	ug/l	97
42) 1,2-Dichloroethane	6.17	62	646502	52.084	ug/l	99
43) Isopropyl Acetate	6.42	43	1175601	51.166	ug/l	99
44) Trichloroethene	7.19	130	582752	48.106	ug/l	99
45) 1,2-Dichloropropane	7.49	63	471878	52.237	ug/l	99
46) Dibromomethane	7.64	93	310155	47.034	ug/l	98
47) Bromodichloromethane	7.88	83	643474	54.851	ug/l	98
48) Methyl methacrylate	7.75	41	585383	51.795	ug/l	99
49) 1,4-Dioxane	7.72	88	207666	972.249	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3404054	256.676	ug/l	100
52) Toluene	8.76	92	1137345	51.476	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	749312	51.479	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	790593	51.390	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	459149	53.219	ug/l	96
56) Ethyl methacrylate	9.16	69	761307	52.096	ug/l	100
57) 1,3-Dichloropropane	9.36	76	790477	52.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1891526	259.101	ug/l	99
59) 2-Hexanone	9.47	43	2573097	254.683	ug/l	100
60) Dibromochloromethane	9.57	129	519088	58.262	ug/l	96
61) 1,2-Dibromoethane	9.65	107	483303	50.686	ug/l	98
64) Tetrachloroethene	9.32	164	721598	44.184	ug/l #	85
65) Chlorobenzene	10.12	112	1240084	51.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	484717	53.520	ug/l	98
67) Ethyl Benzene	10.24	91	2175061	51.120	ug/l	100
68) m/p-Xylenes	10.34	106	1637290	102.520	ug/l	100
69) o-Xylene	10.68	106	800952	50.965	ug/l	99
70) Styrene	10.70	104	1407831	51.736	ug/l	100
71) Bromoform	10.84	173	402538	68.208	ug/l #	96
73) Isopropylbenzene	11.01	105	2132545	52.421	ug/l	99
74) N-amyl acetate	10.88	43	1079148	51.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	497784	57.818	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	836389	68.666	ug/l	83
77) Bromobenzene	11.24	156	579852	52.166	ug/l	97
78) n-propylbenzene	11.34	91	2453492	52.647	ug/l	100
79) 2-Chlorotoluene	11.40	91	1475751	52.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1836899	52.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	247909	48.959	ug/l	98
82) 4-Chlorotoluene	11.50	91	1744057	52.430	ug/l	100
83) tert-Butylbenzene	11.76	119	1646698	53.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1888225	52.432	ug/l	99
85) sec-Butylbenzene	11.93	105	2064535	50.899	ug/l	99
86) p-Isopropyltoluene	12.05	119	1985766	52.356	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1018083	49.896	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1031542	50.504	ug/l	97
89) n-Butylbenzene	12.37	91	1719123	50.696	ug/l	98
90) Hexachloroethane	12.58	117	322624	80.520	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	983140	50.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	150740	59.040	ug/l	99

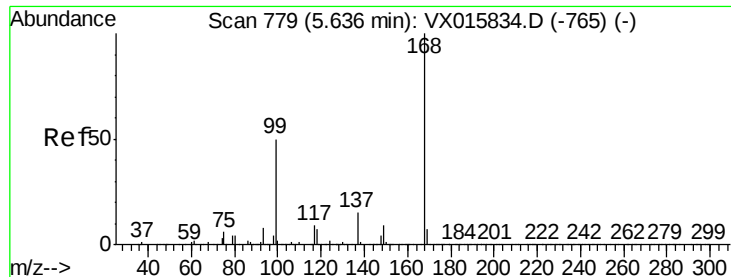
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	758045	49.714	ug/l	99
94) Hexachlorobutadiene	13.77	225	339968	49.727	ug/l	98
95) Naphthalene	13.82	128	2240977	51.083	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	734014	49.341	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. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

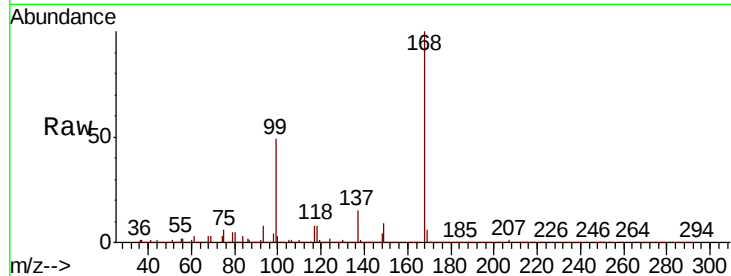
VSTDCCC050EC

Tot Ion:168 Resp: 832997

Ion Ratio Lower Upper

168 100

99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

300000

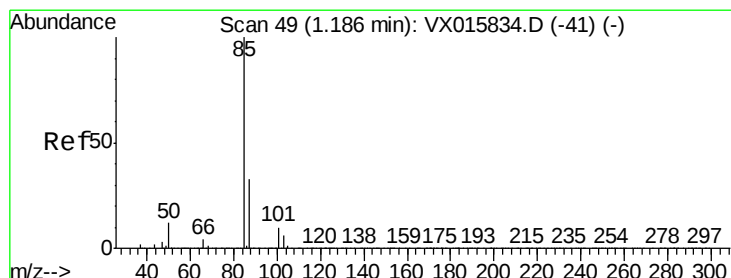
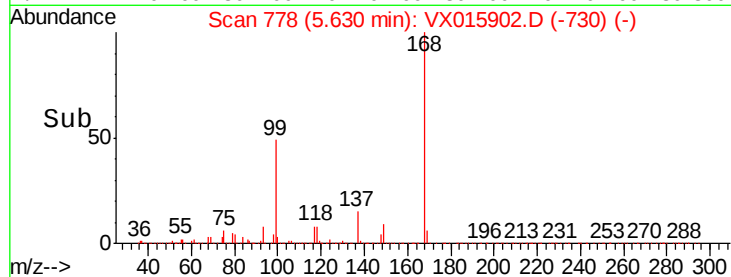
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 58.460 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015902.D

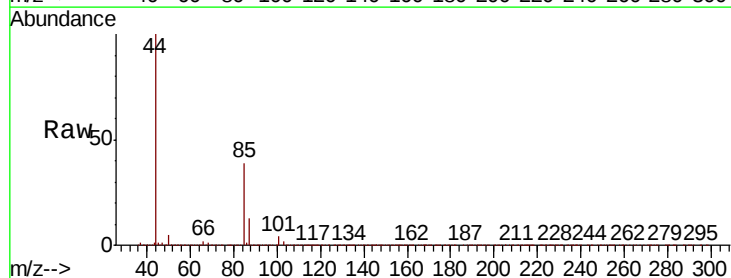
Acq: 23 Apr 2020 19:40

Tgt Ion: 85 Resp: 416838

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

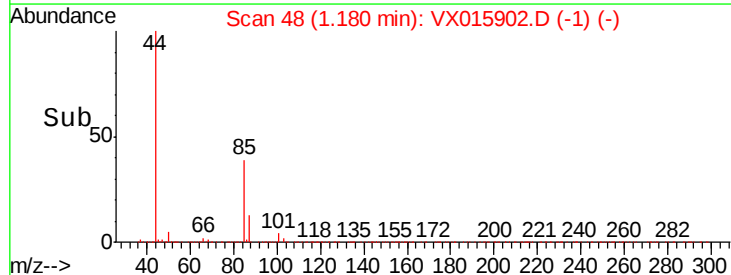
200000

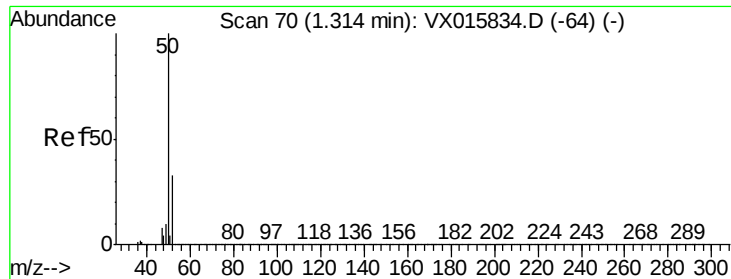
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Time-->

1.10 1.15 1.20 1.25 1.30

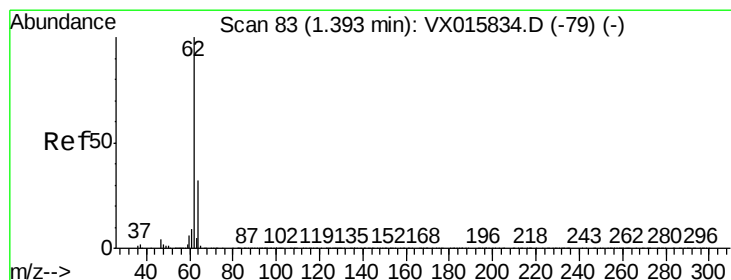
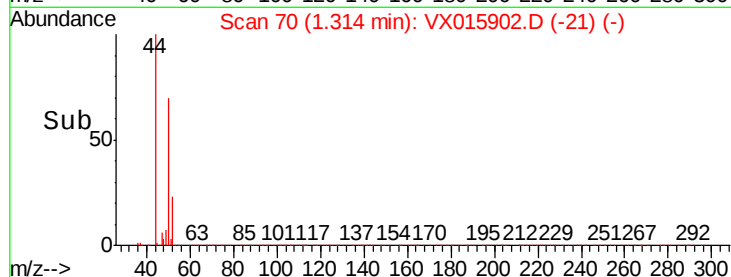
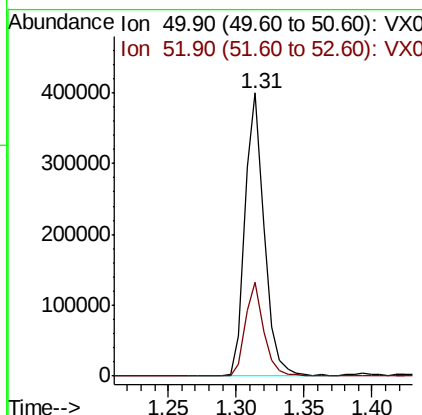
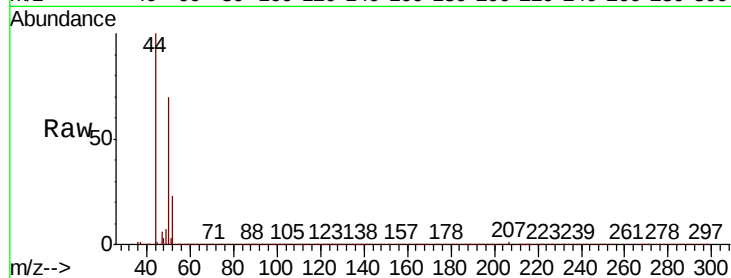




#3
Chloromethane
Concen: 54.015 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

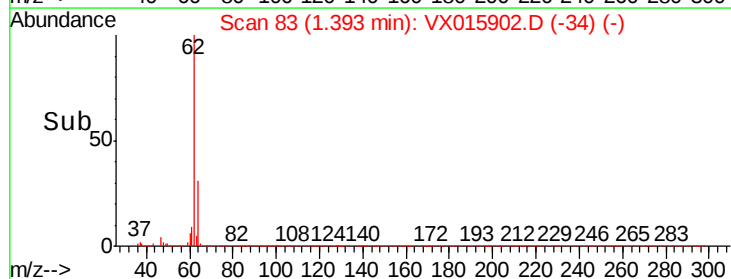
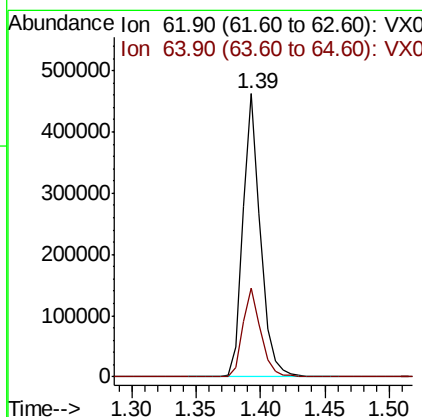
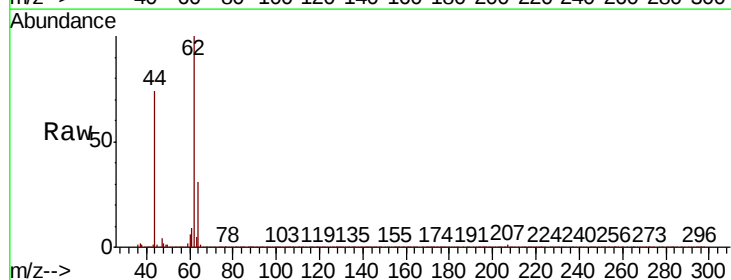
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

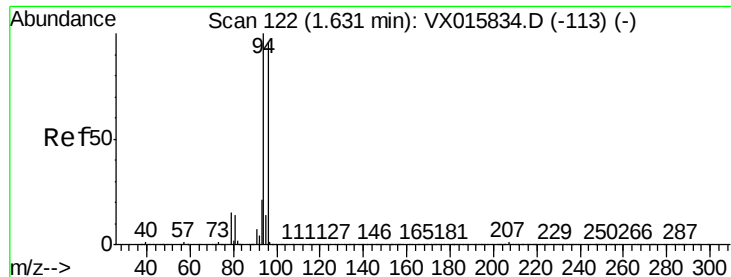
Tot Ion: 50 Resp: 394450
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.4



#4
Vinyl Chloride
Concen: 51.273 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 62 Resp: 433383
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





#5

Bromomethane

Concen: 61.793 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

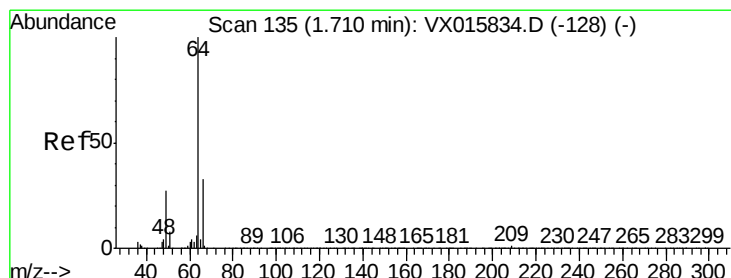
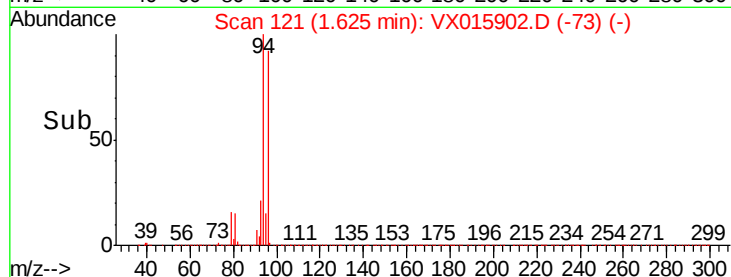
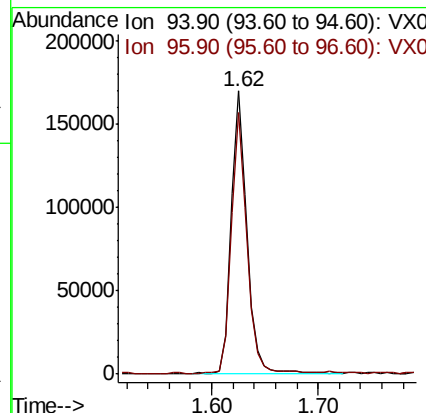
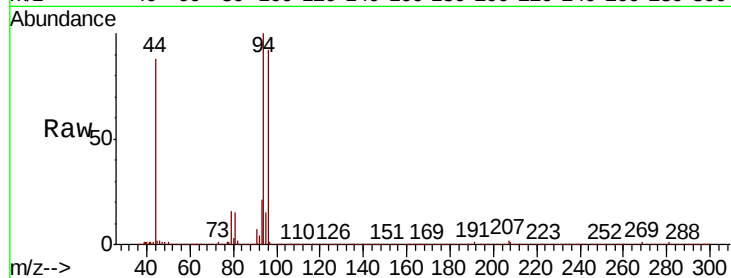
VSTDCCC050EC

Tot Ion: 94 Resp: 175179

Ion Ratio Lower Upper

94 100

96 92.0 76.7 115.1



#6

Chloroethane

Concen: 51.069 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015902.D

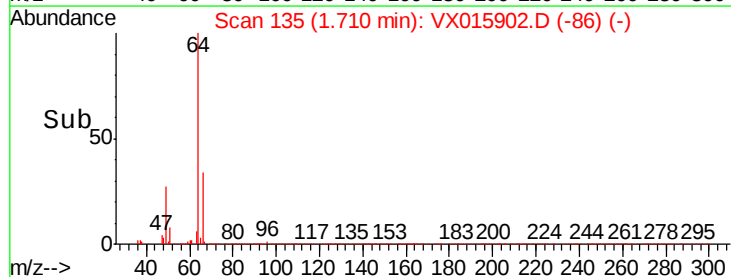
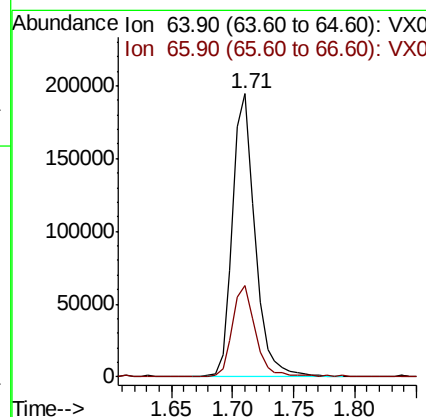
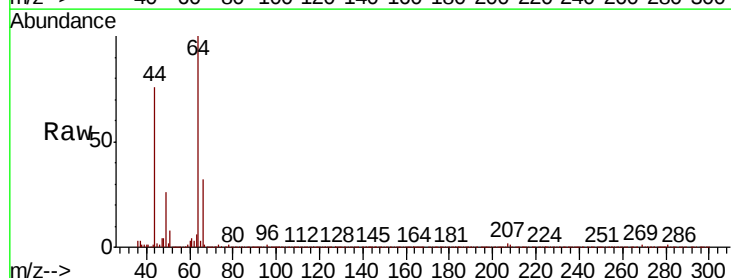
Acq: 23 Apr 2020 19:40

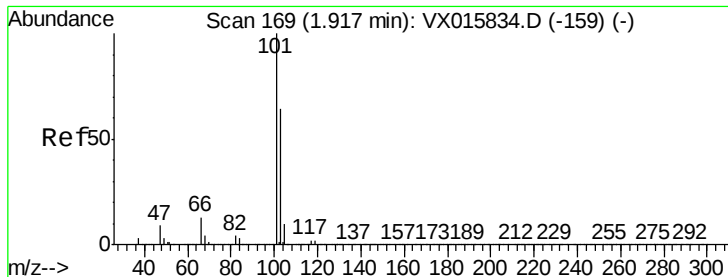
Tgt Ion: 64 Resp: 245981

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.2



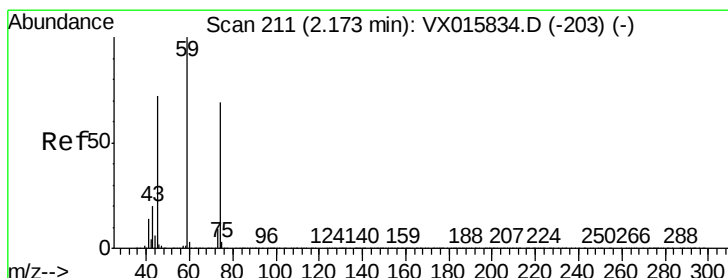
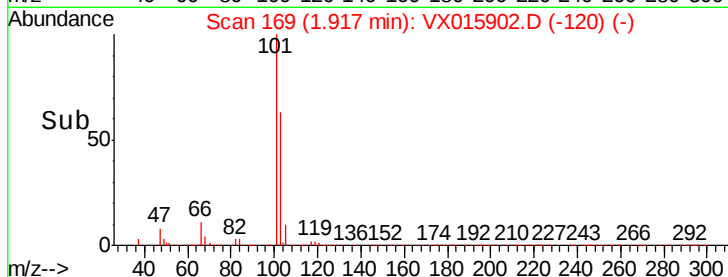
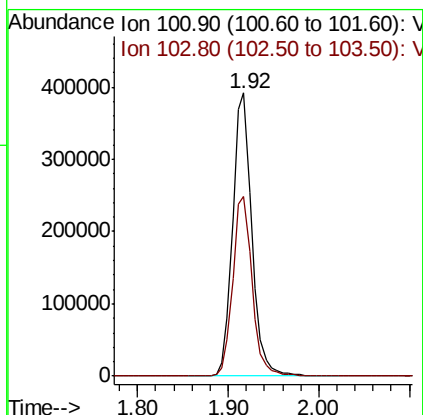
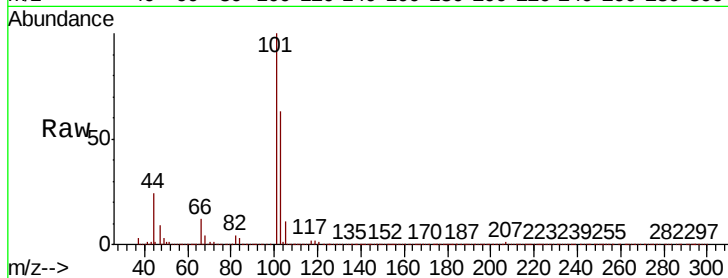


#7

Trichlorofluoromethane
Concen: 54.564 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

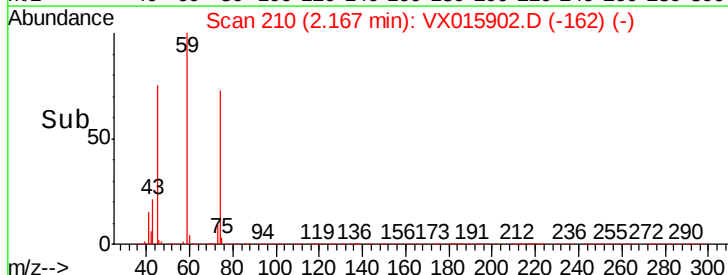
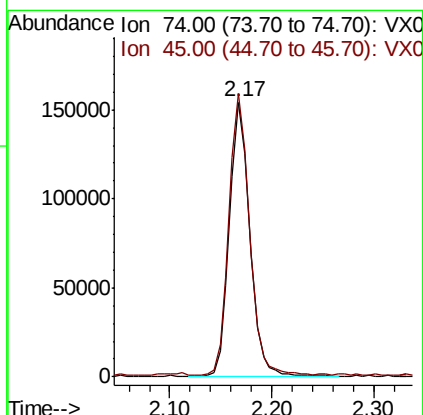
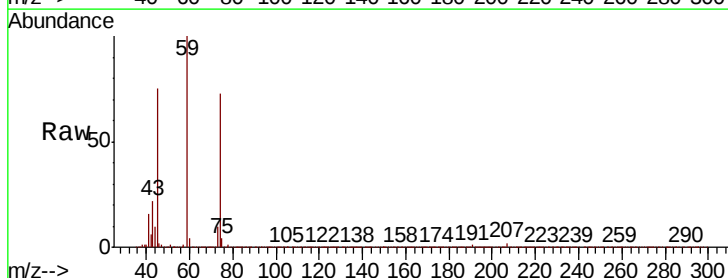
Tot Ion:101 Resp: 572229
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0

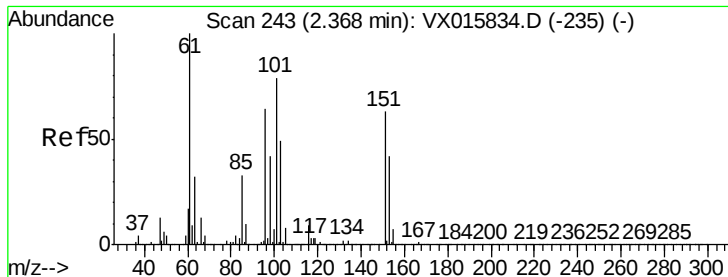


#8

Diethyl Ether
Concen: 50.000 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 74 Resp: 212643
Ion Ratio Lower Upper
74 100
45 102.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.099 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

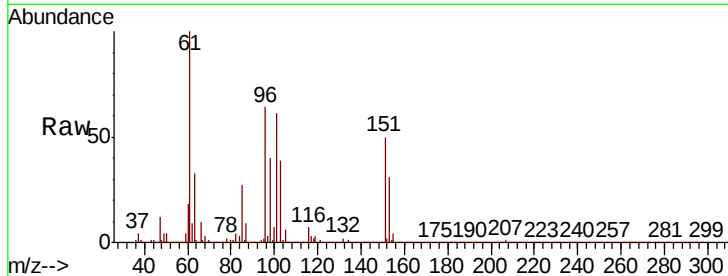
Tot Ion:101 Resp: 356411

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.6

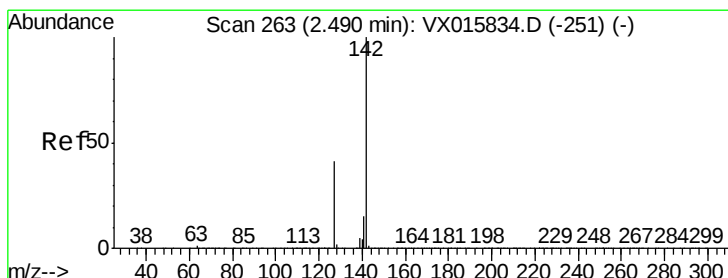
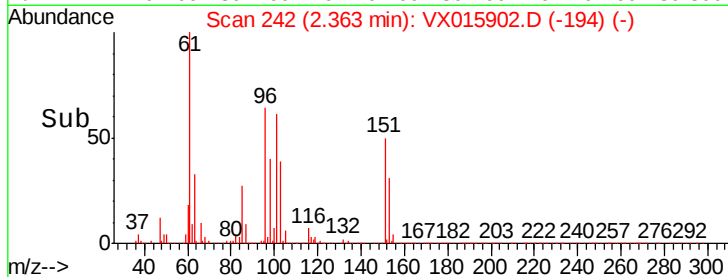
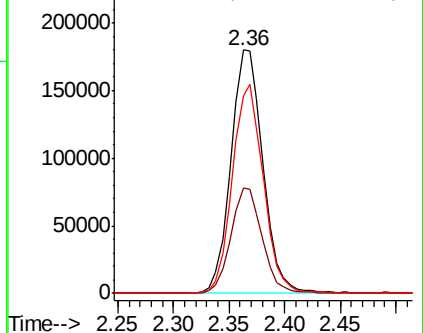
151 83.2 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.039 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

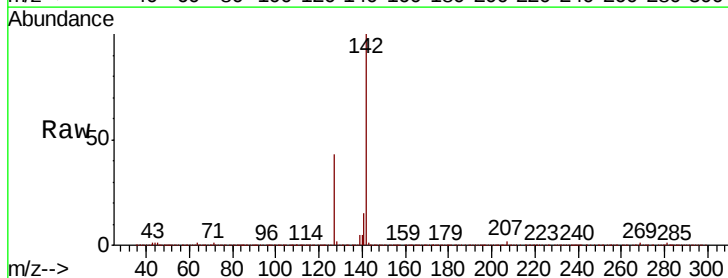
Tgt Ion:142 Resp: 448595

Ion Ratio Lower Upper

142 100

127 41.6 33.3 49.9

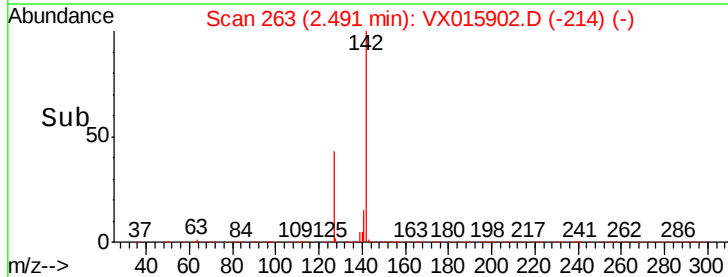
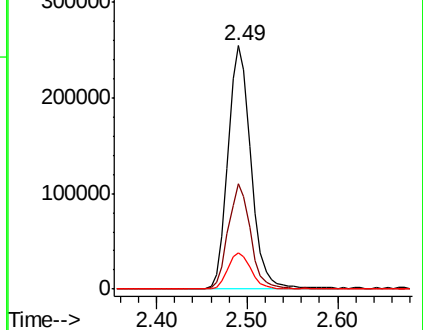
141 14.9 11.8 17.6

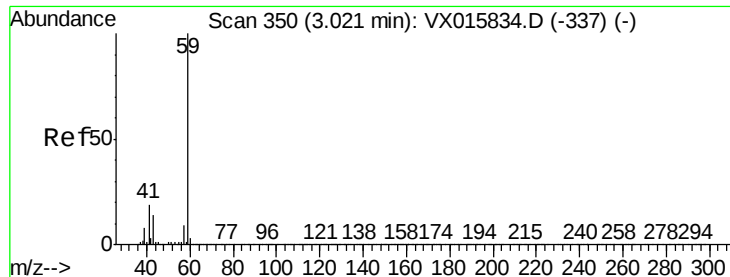


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



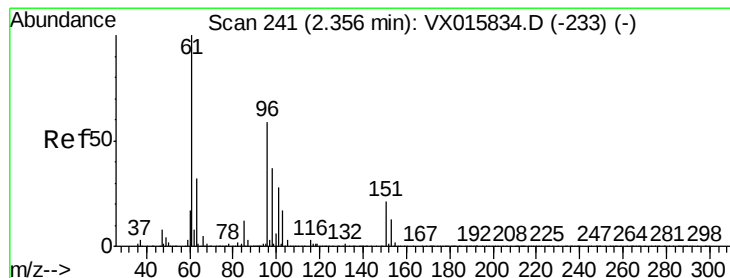
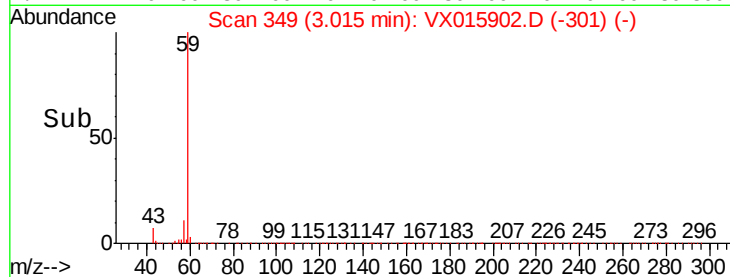
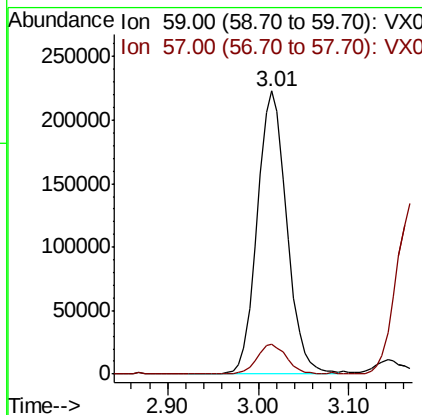
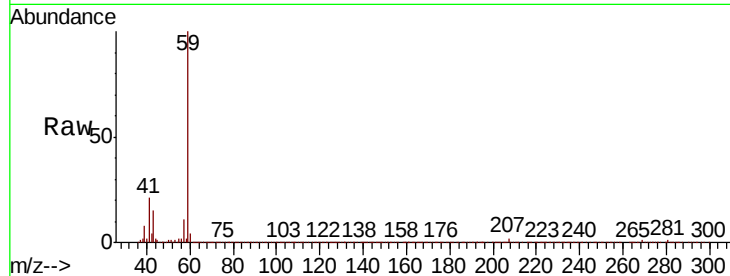


#11

Tert butyl alcohol
 Concen: 258.567 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

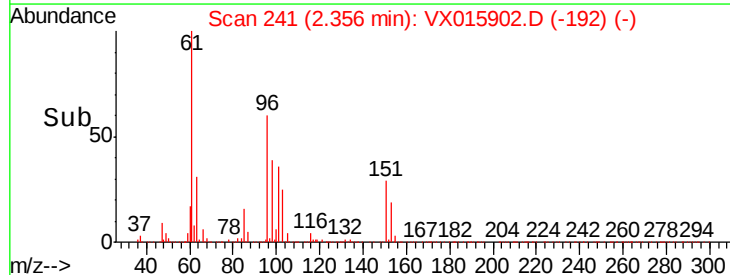
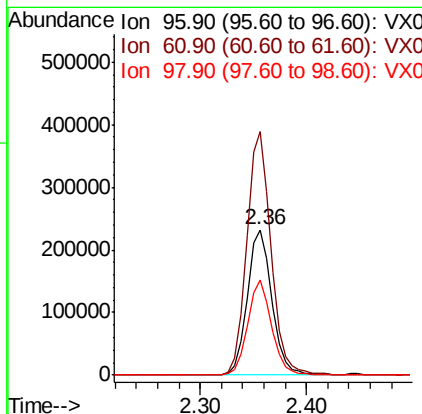
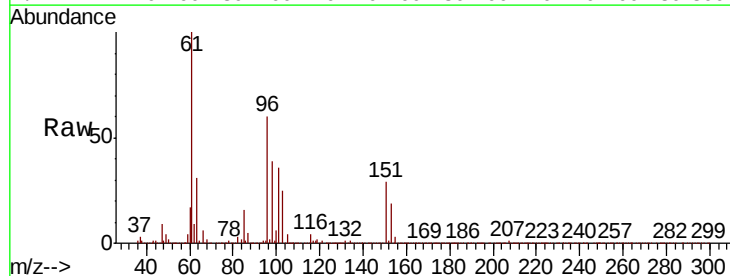
Tot Ion: 59 Resp: 500517
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

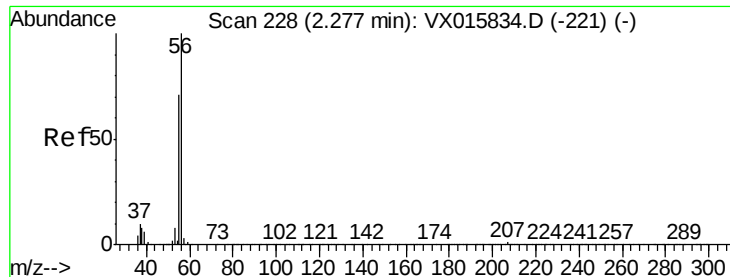


#12

1,1-Dichloroethene
 Concen: 51.394 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion: 96 Resp: 374971
 Ion Ratio Lower Upper
 96 100
 61 167.8 135.0 202.6
 98 65.7 50.6 76.0

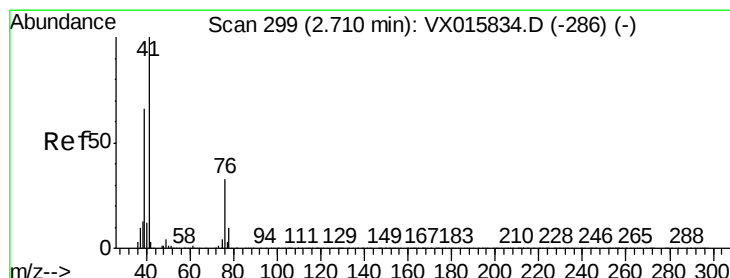
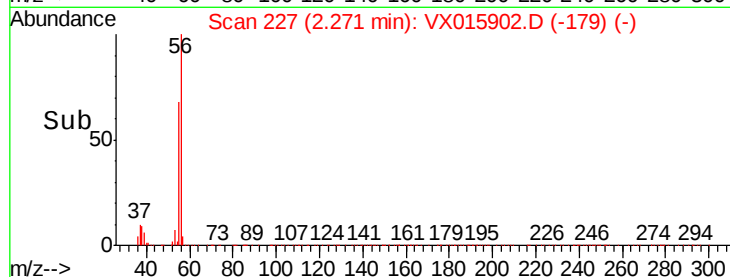
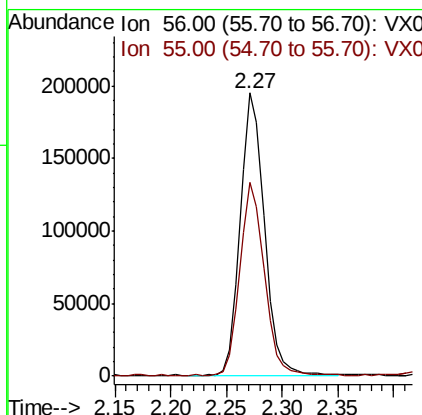
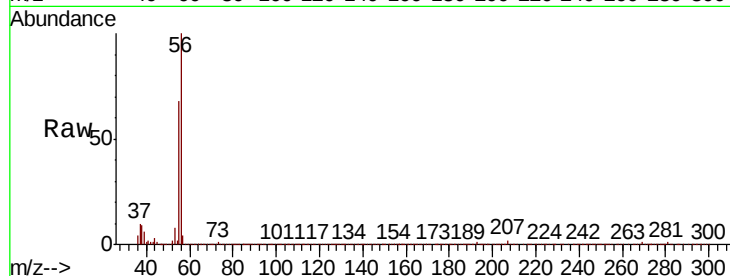




#13
Acrolein
Concen: 257.422 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

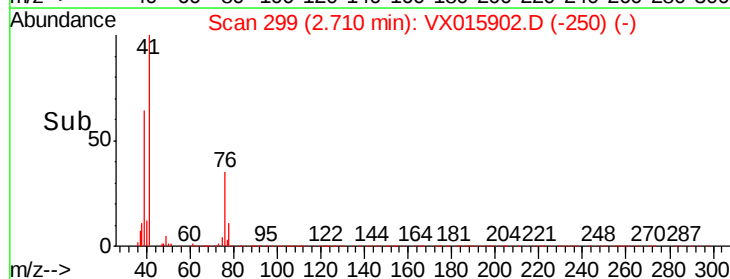
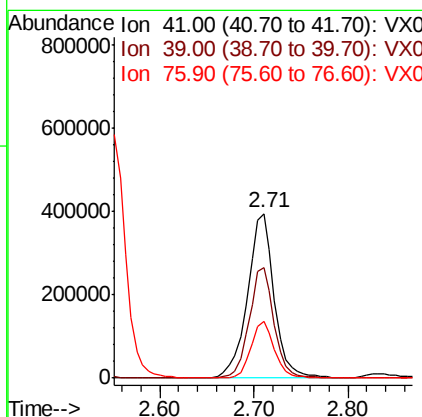
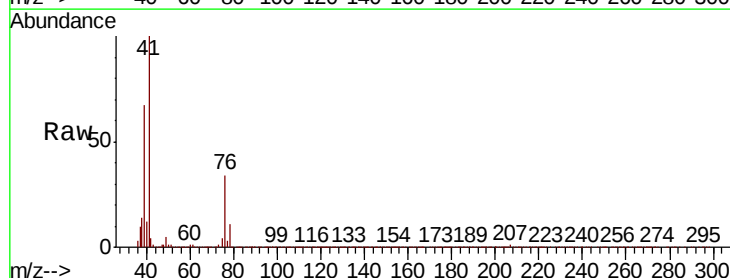
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

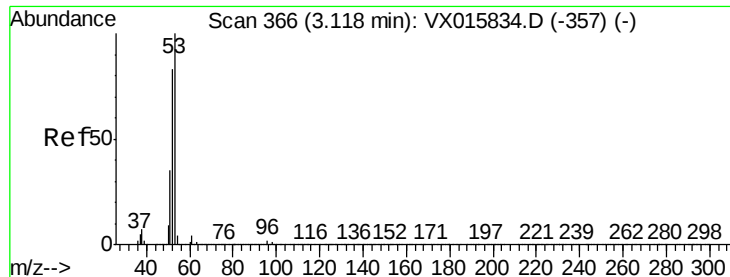
Tot Ion: 56 Resp: 294844
Ion Ratio Lower Upper
56 100
55 69.0 56.1 84.1



#14
Allyl chloride
Concen: 50.263 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 41 Resp: 779270
Ion Ratio Lower Upper
41 100
39 62.7 48.4 72.6
76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 267.148 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

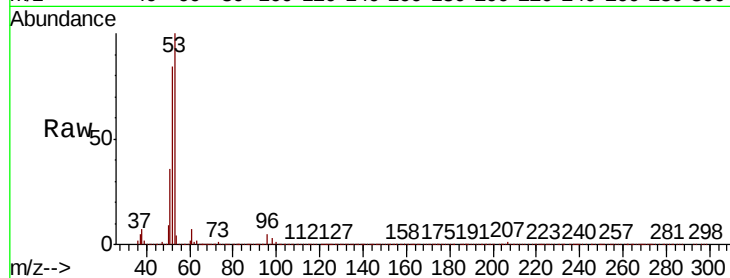
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1200330

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.4
51	36.1	28.6	43.0

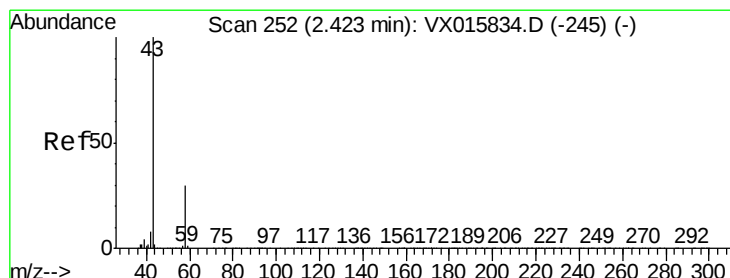
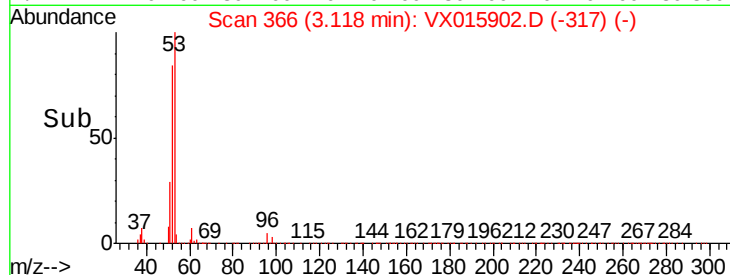


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.322 ug/l

RT: 2.42 min Scan# 251

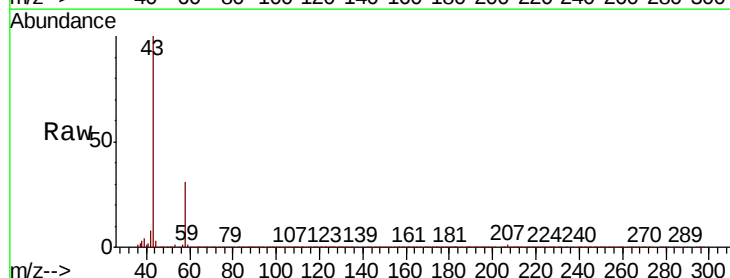
Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion: 43 Resp: 991394

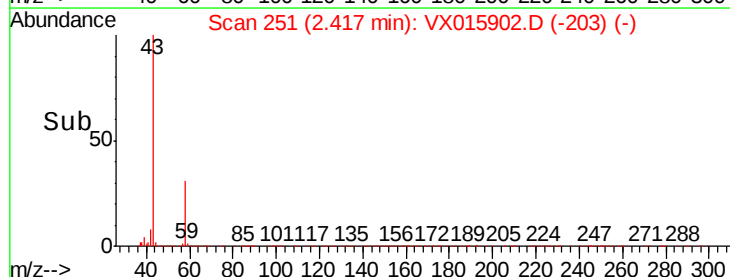
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.0	36.0

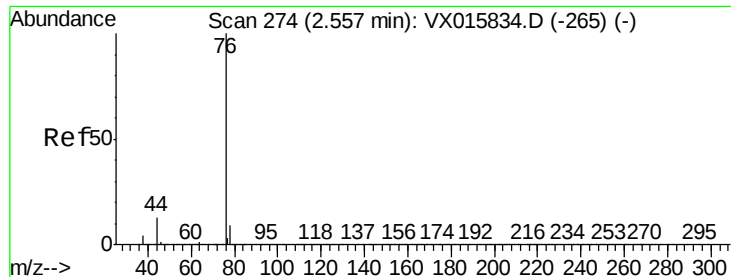


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 36.387 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

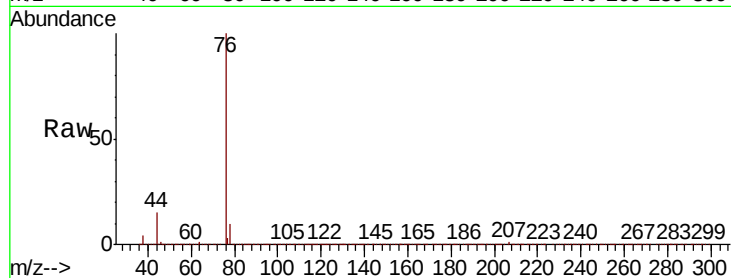
VSTDCCC050EC

Tot Ion: 76 Resp: 964092

Ion Ratio Lower Upper

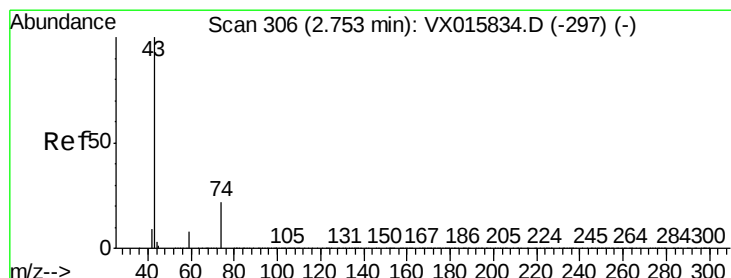
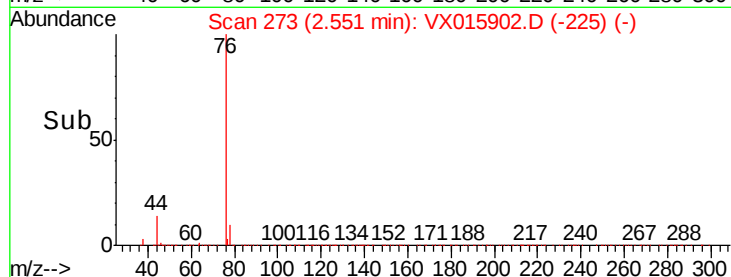
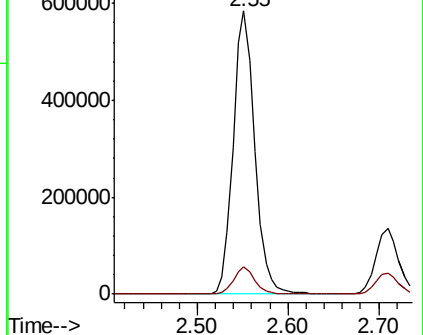
76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.623 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015902.D

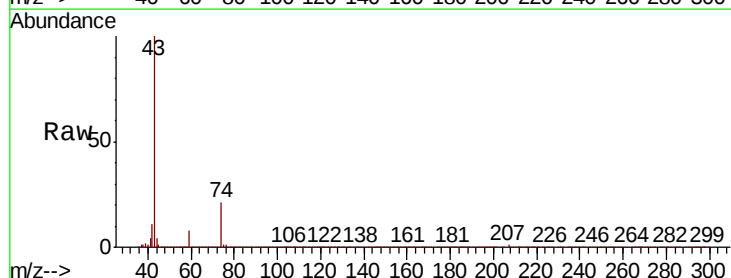
Acq: 23 Apr 2020 19:40

Tgt Ion: 43 Resp: 689422

Ion Ratio Lower Upper

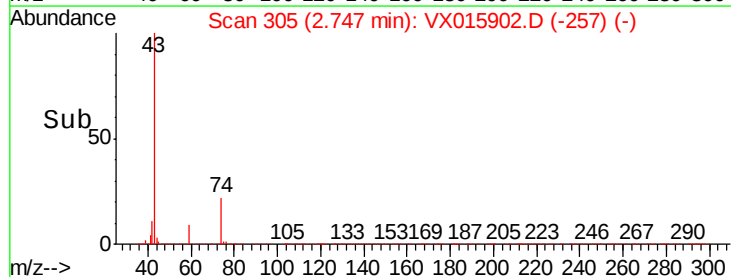
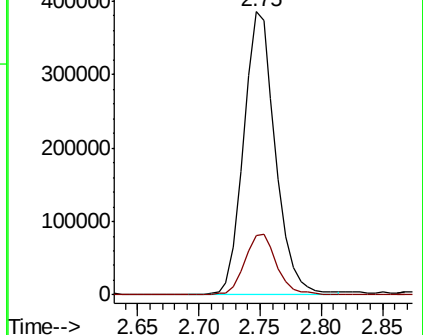
43 100

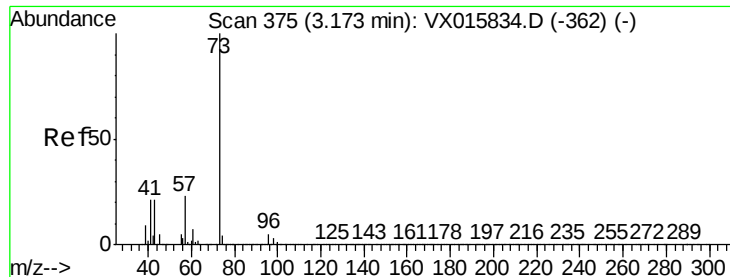
74 21.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

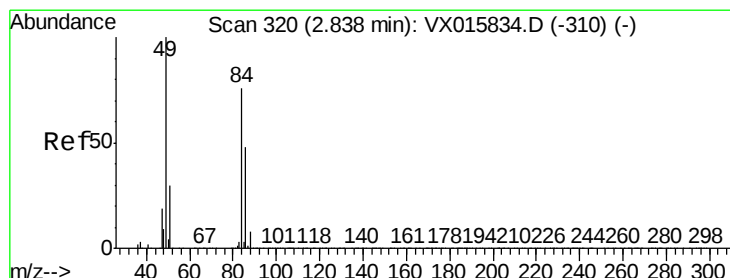
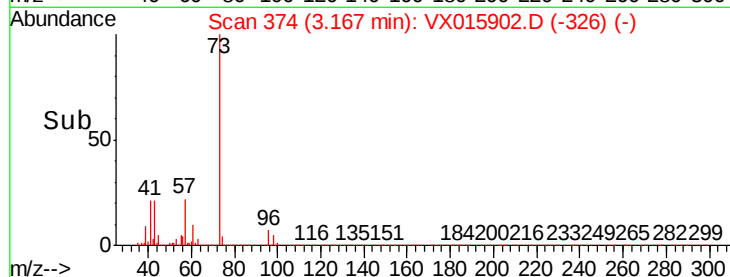
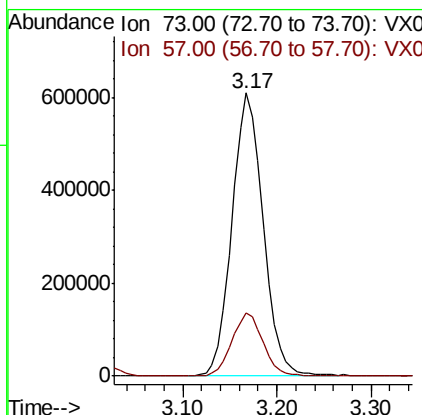
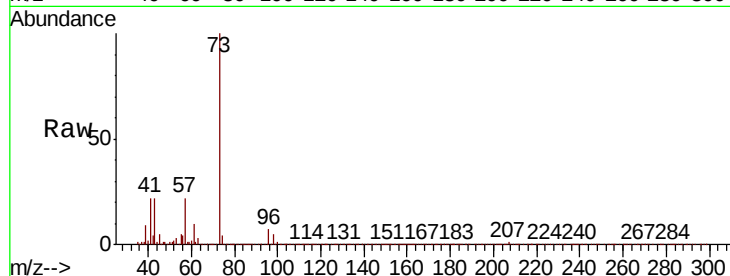




#19
Methvl tert-butvl Ether
Concen: 54.207 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

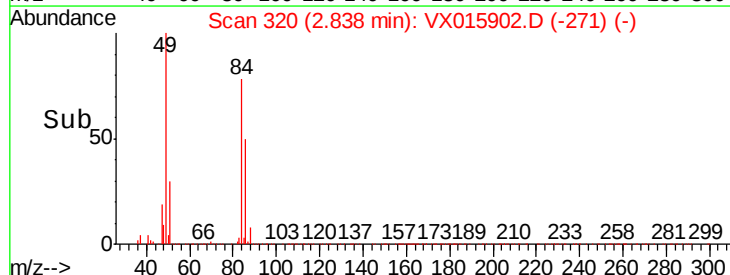
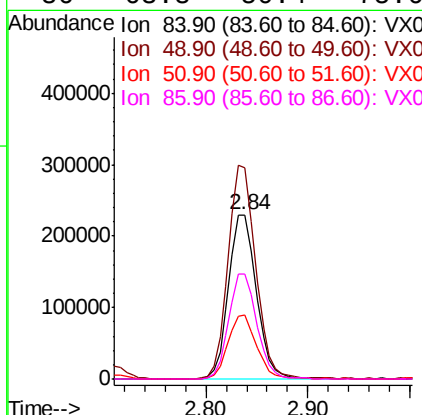
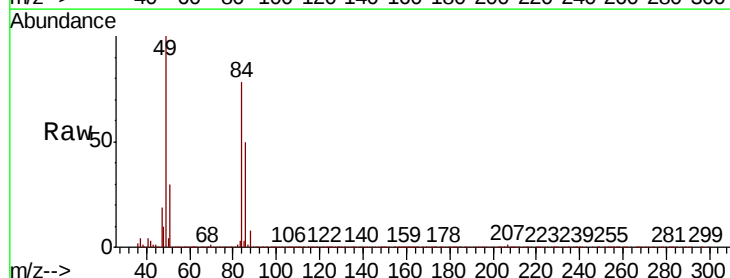
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

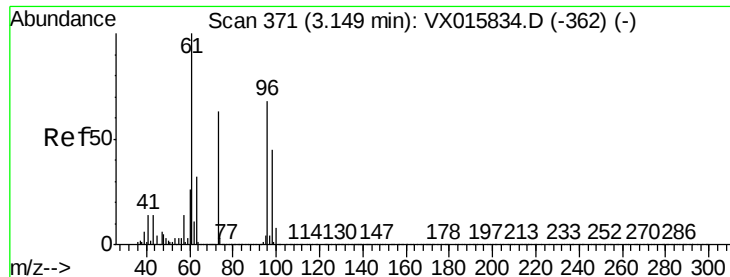
Tot Ion: 73 Resp: 1396219
Ion Ratio Lower Upper
73 100
57 22.1 18.1 27.1



#20
Methylene Chloride
Concen: 51.558 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 84 Resp: 431782
Ion Ratio Lower Upper
84 100
49 128.4 104.9 157.3
51 38.8 32.0 48.0
86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.588 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

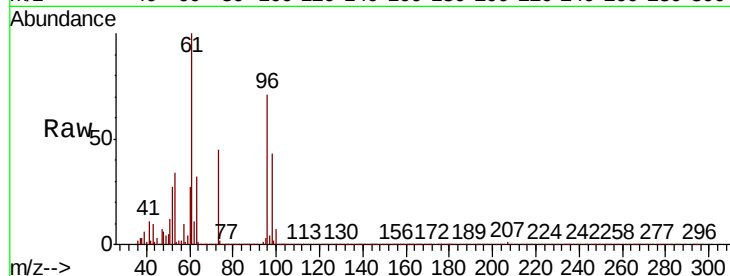
Tot Ion: 96 Resp: 425707

Ion Ratio Lower Upper

96 100

61 141.6 117.5 176.3

98 60.5 52.7 79.1

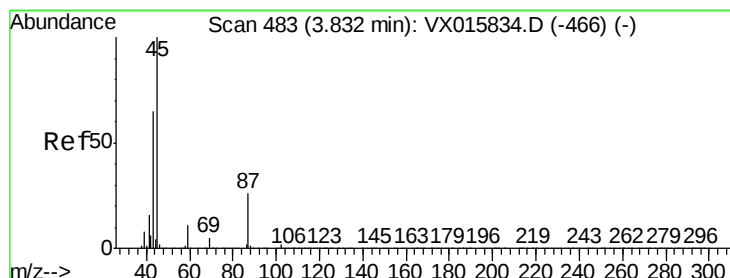
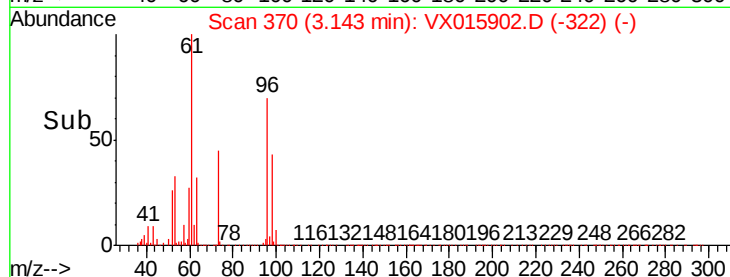
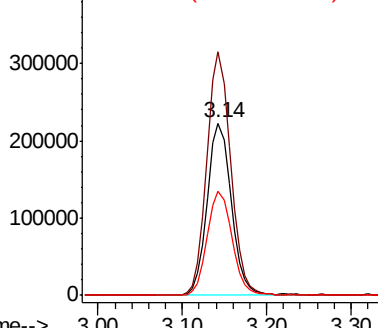


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.729 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion: 45 Resp: 1501398

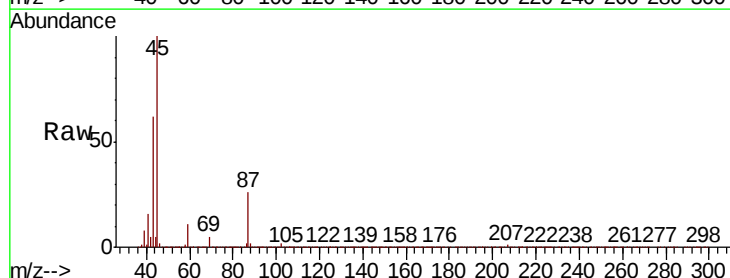
Ion Ratio Lower Upper

45 100

43 61.8 52.4 78.6

87 25.8 20.7 31.1

59 11.2 8.6 12.8



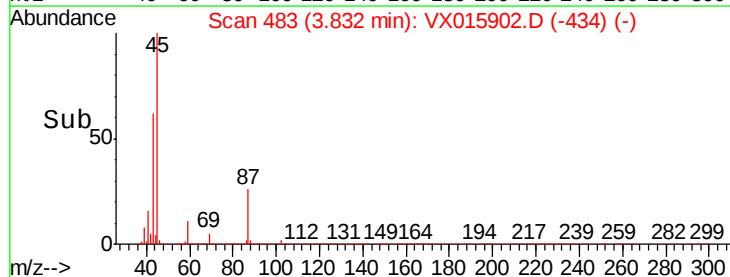
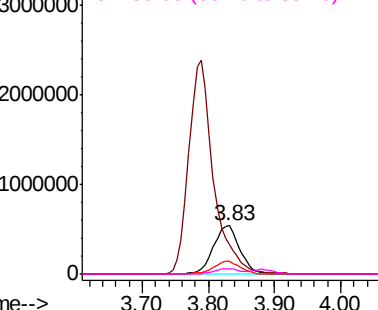
Abundance

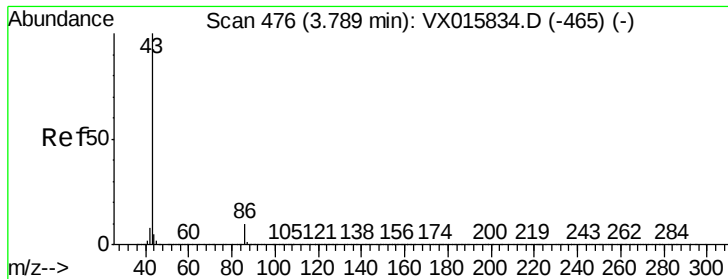
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 269.117 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

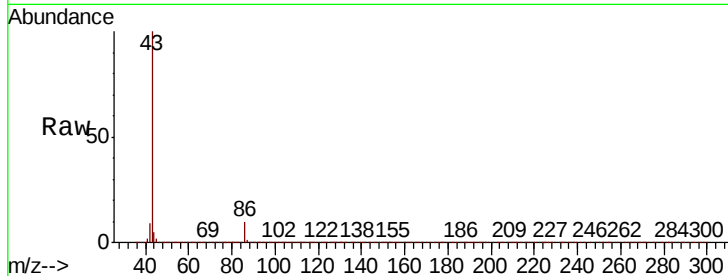
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 6224080

Ion Ratio Lower Upper

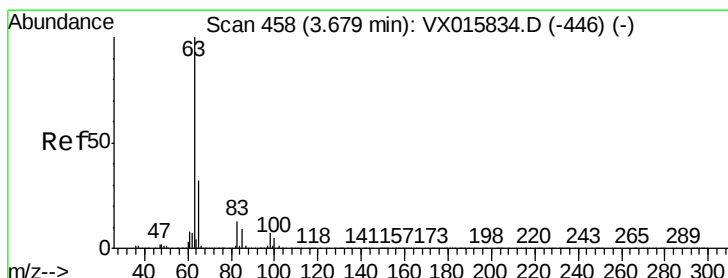
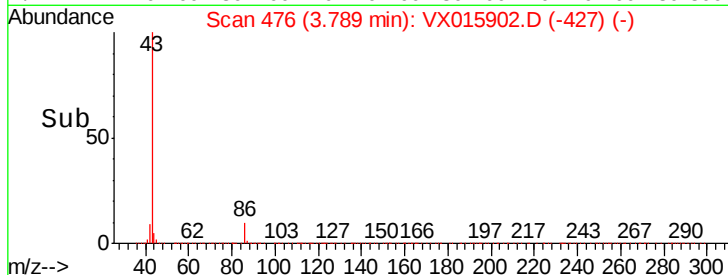
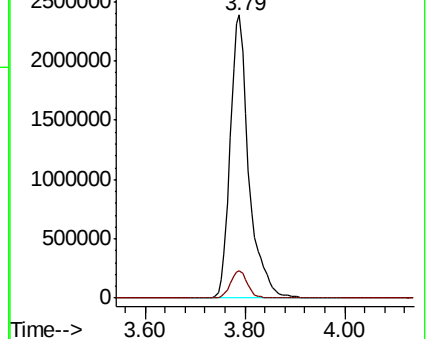
43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.640 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

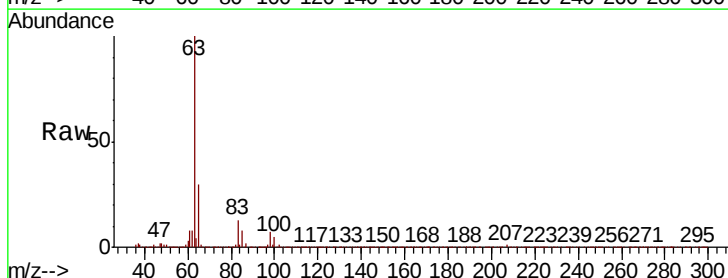
Tgt Ion: 63 Resp: 781257

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

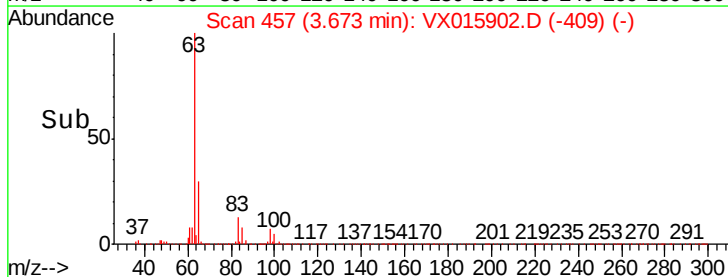
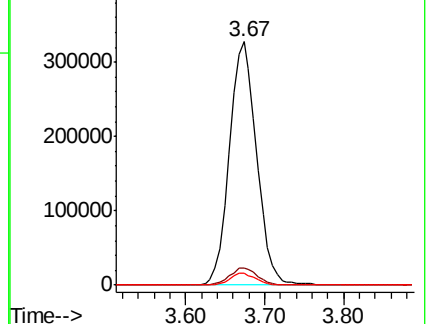
100 4.7 2.3 6.8

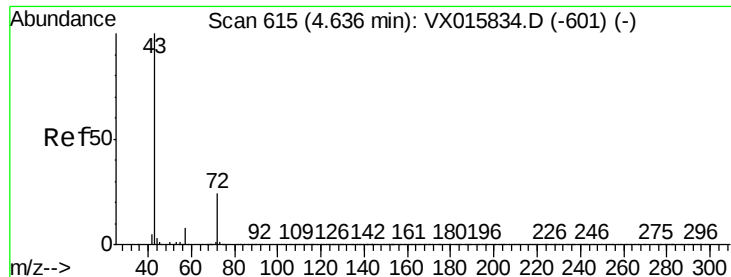


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

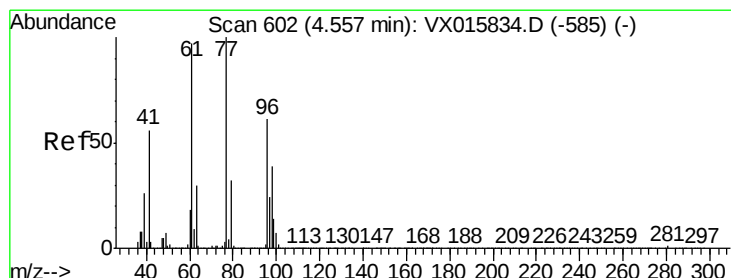
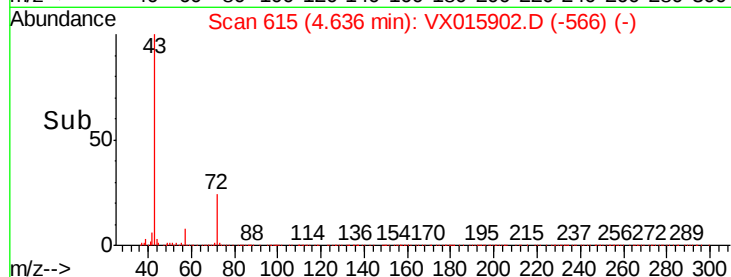
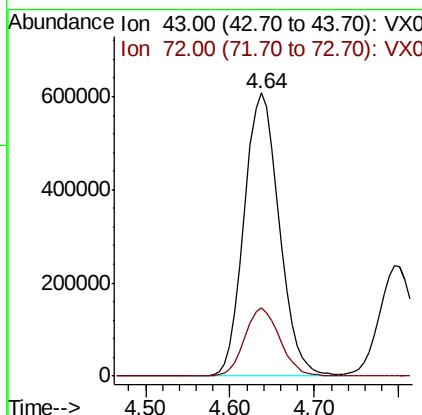
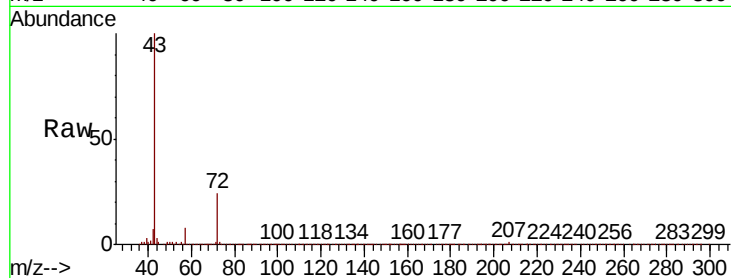




#25
2-Butanone
Concen: 262.260 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

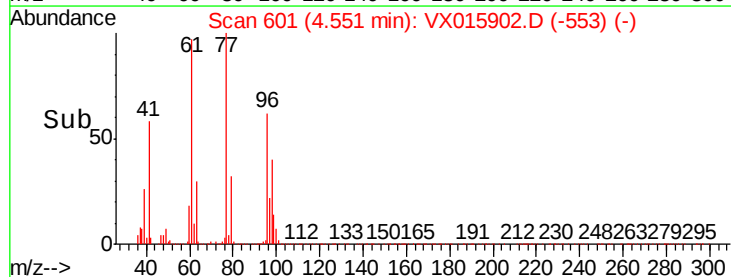
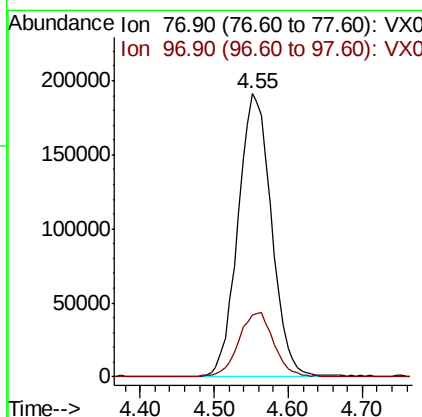
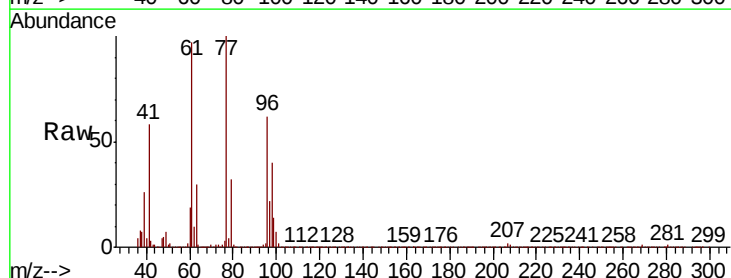
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

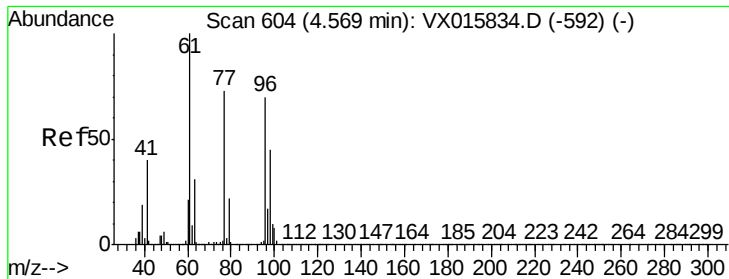
Tot Ion: 43 Resp: 1710033
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2



#26
2,2-Dichloropropane
Concen: 46.244 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 77 Resp: 601656
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.1



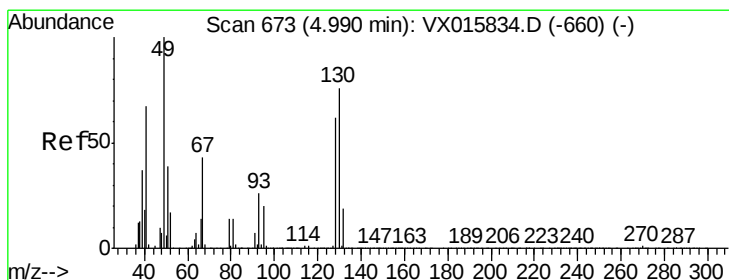
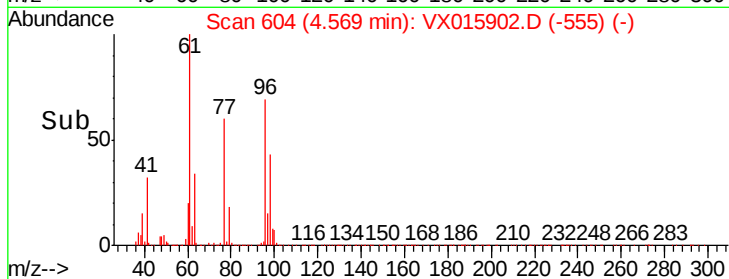
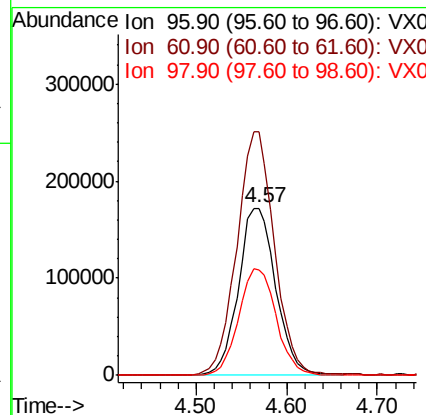
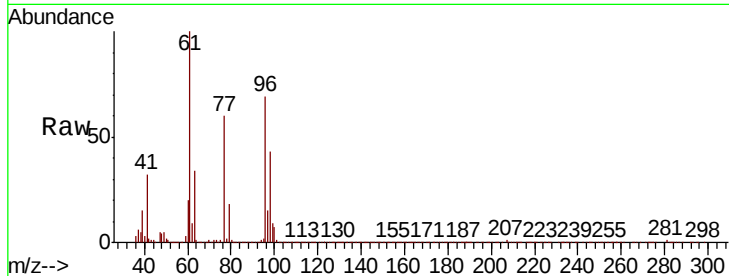


#27

cis-1,2-Dichloroethene
Concen: 52.910 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

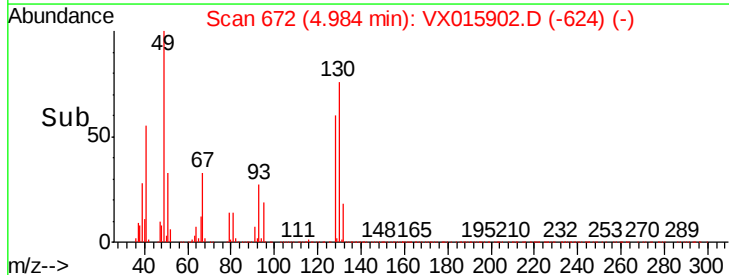
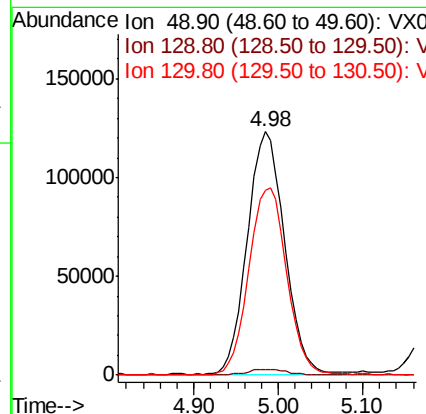
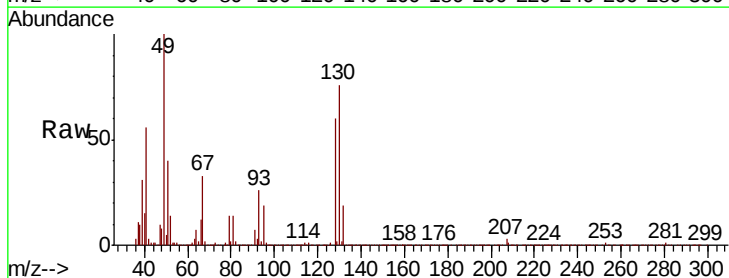
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	299.4
98	64.6	0.0	129.6

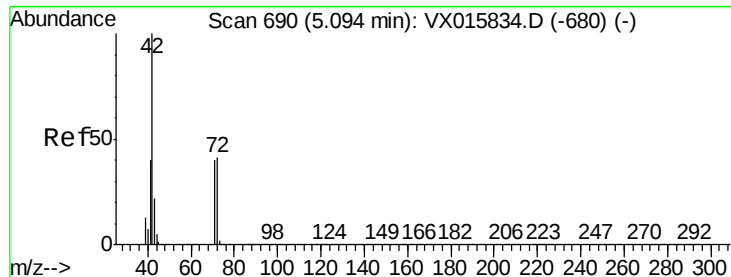


#28

Bromochloromethane
Concen: 48.403 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	1.8#
130	78.3	62.4	93.6





#29

Tetrahydrofuran

Concen: 259.417 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

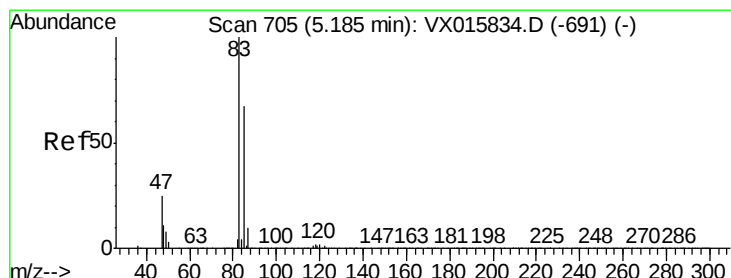
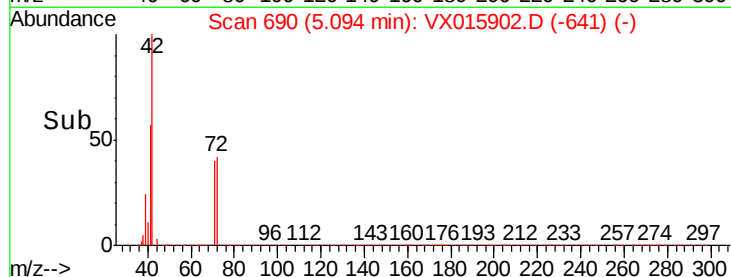
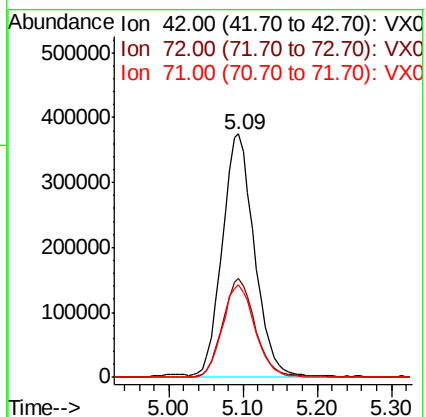
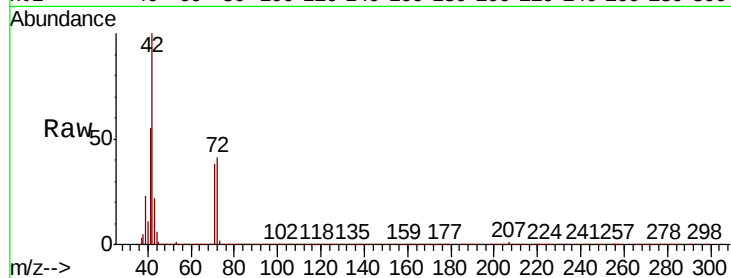
Tot Ion: 42 Resp: 1118812

Ion Ratio Lower Upper

42 100

72 41.2 33.0 49.6

71 38.7 30.6 45.8



#30

Chloroform

Concen: 53.223 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015902.D

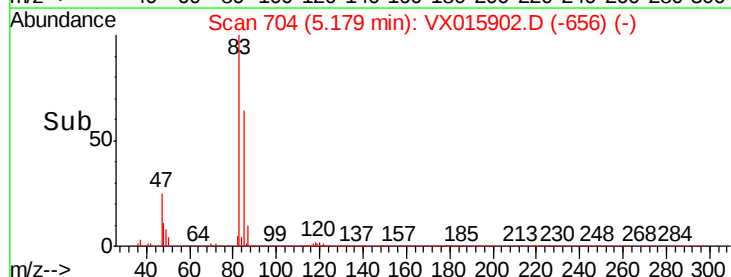
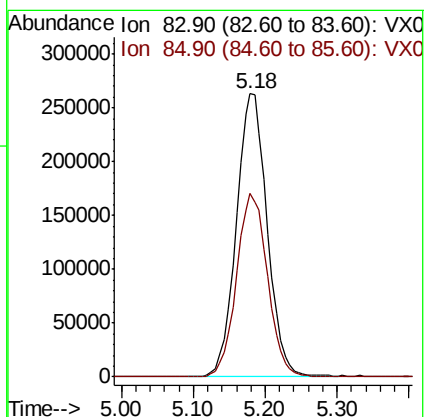
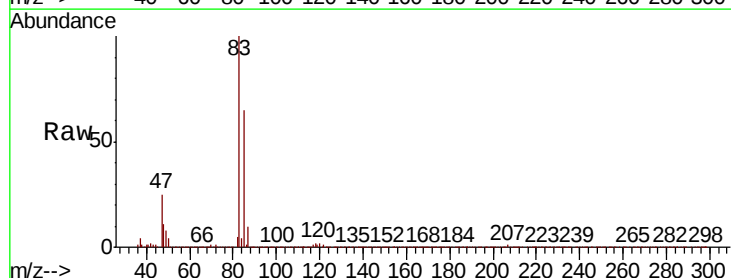
Acq: 23 Apr 2020 19:40

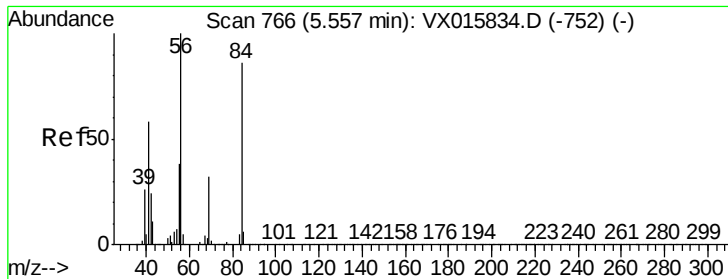
Tgt Ion: 83 Resp: 779931

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.0





#31

Cyclohexane

Concen: 51.751 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

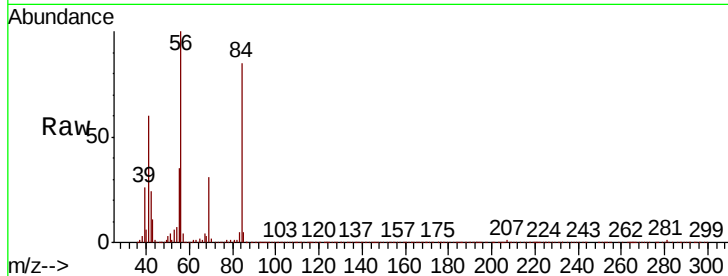
Tot Ion: 56 Resp: 716328

Ion Ratio Lower Upper

56 100

69 30.4 25.3 37.9

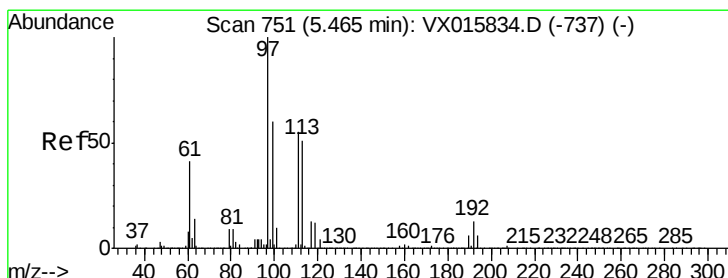
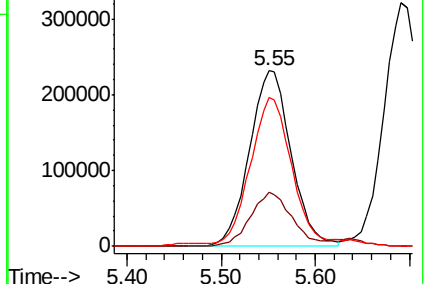
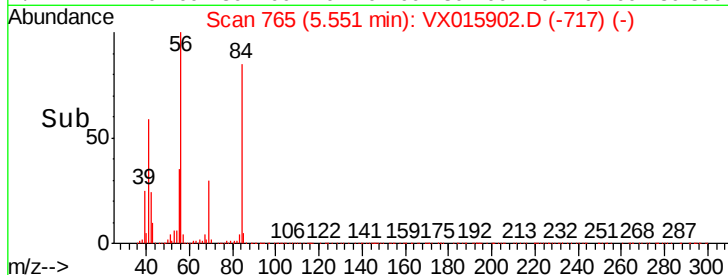
84 83.4 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.688 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

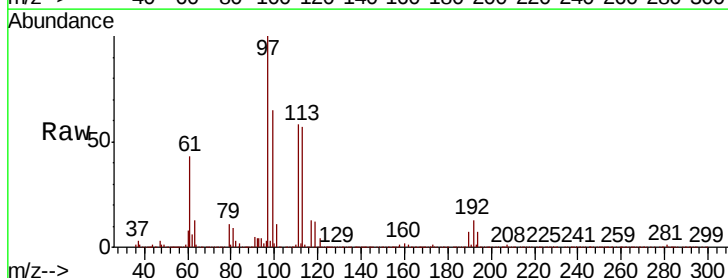
Tgt Ion: 97 Resp: 701472

Ion Ratio Lower Upper

97 100

99 65.1 51.2 76.8

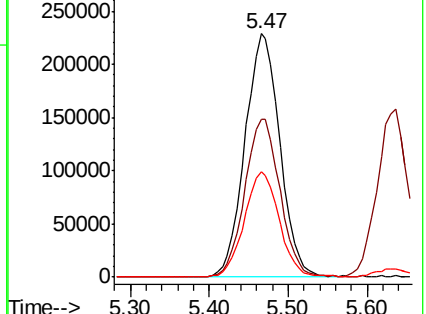
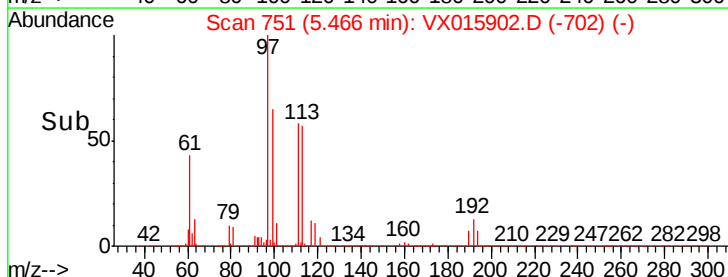
61 43.0 34.1 51.1

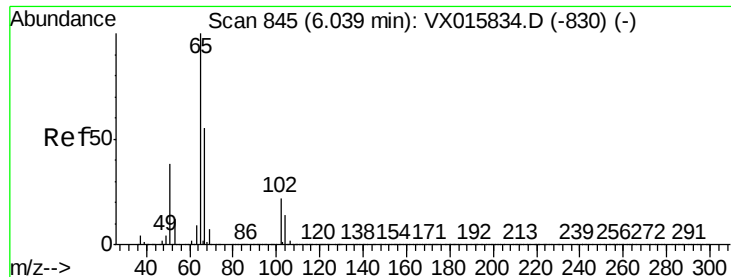


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

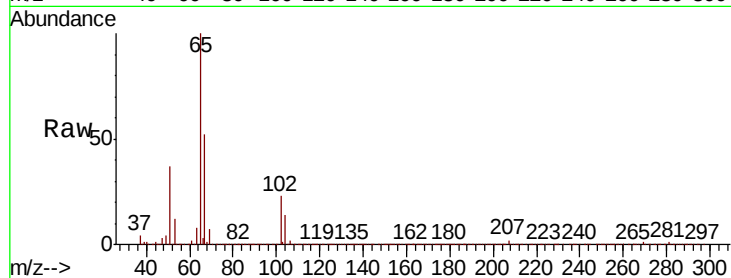
VSTDCCC050EC

Tot Ion: 65 Resp: 483931

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

150000

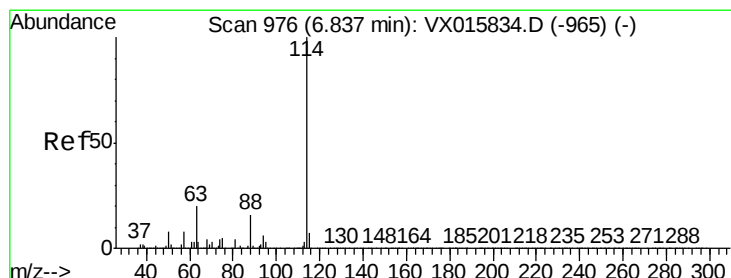
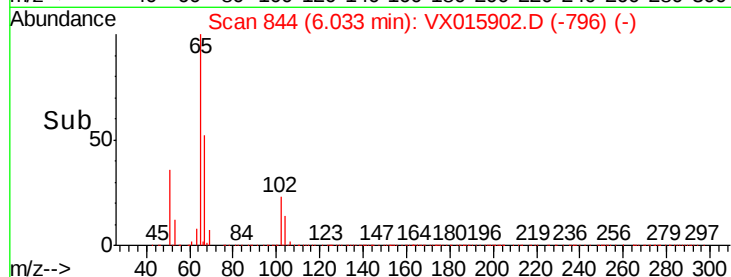
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

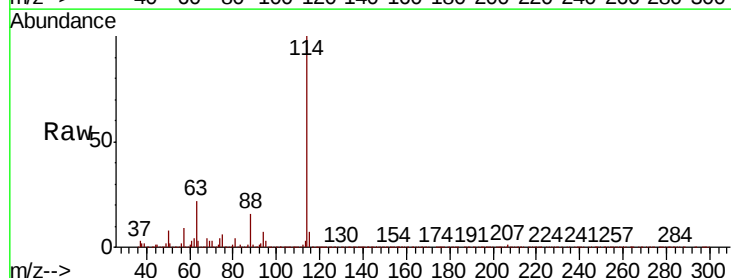
Tgt Ion: 114 Resp: 1290986

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

88 16.0 0.0 32.8



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

6.83

600000

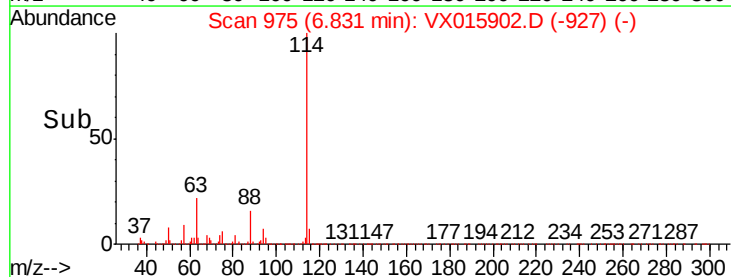
400000

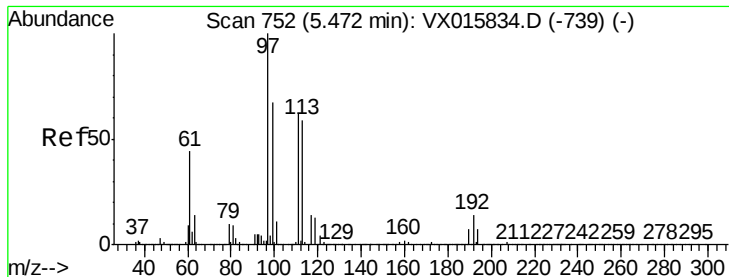
200000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

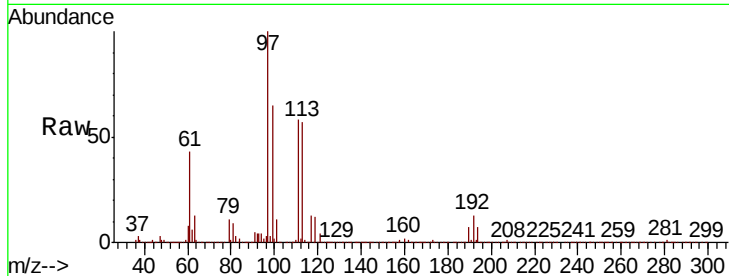
Tot Ion:113 Resp: 374860

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

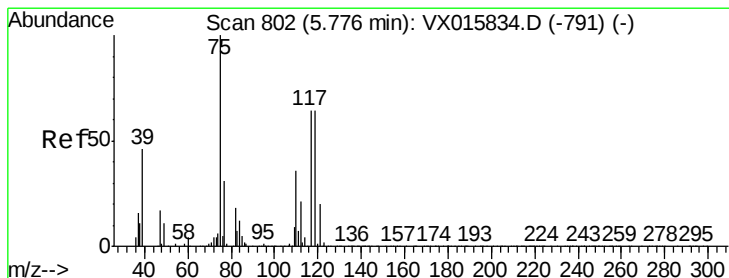
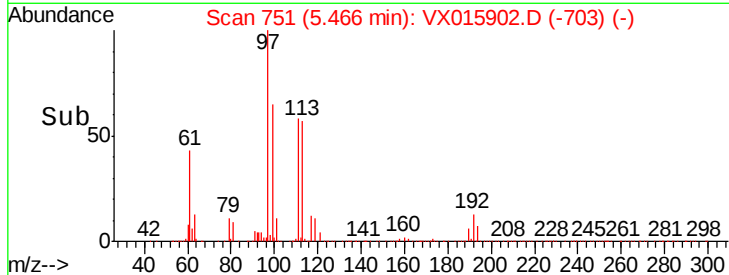
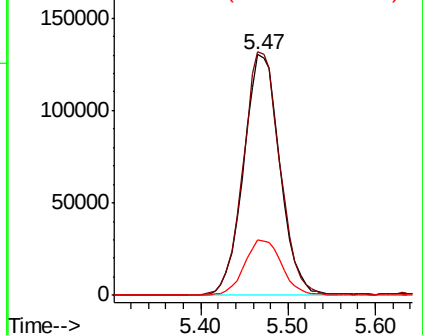
192 23.5 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.485 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

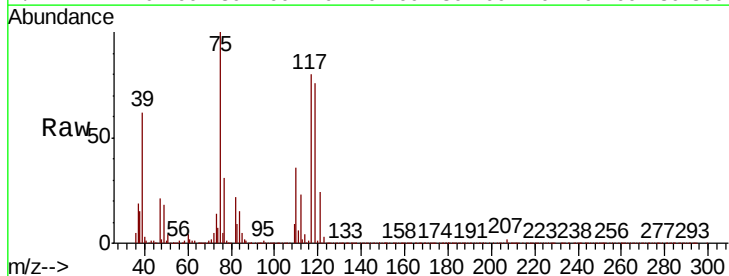
Tgt Ion: 75 Resp: 589242

Ion Ratio Lower Upper

75 100

110 36.6 17.9 53.8

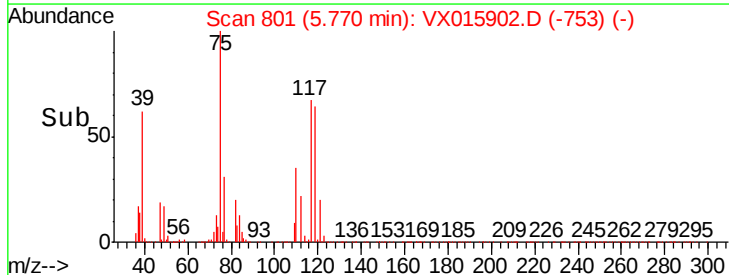
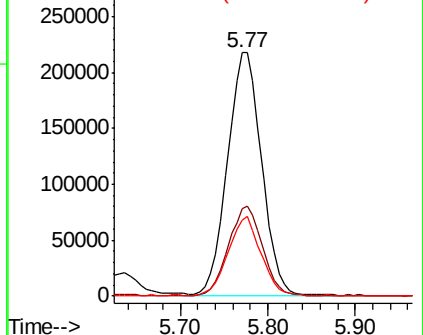
77 31.0 24.5 36.7

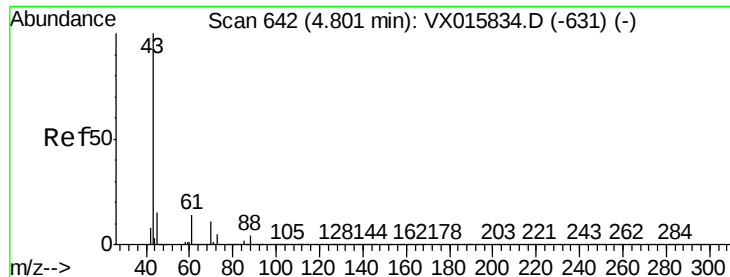


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

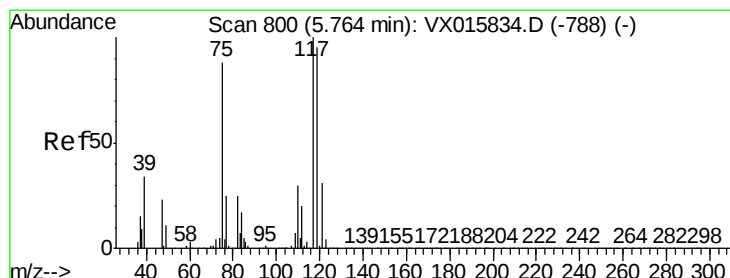
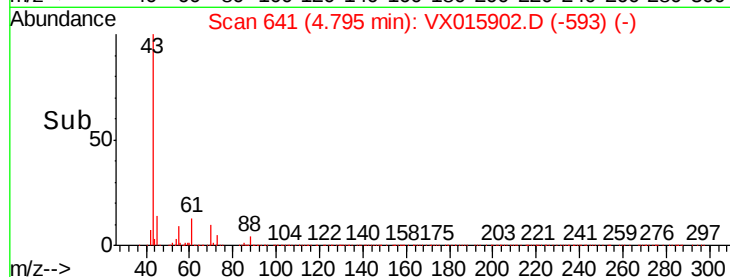
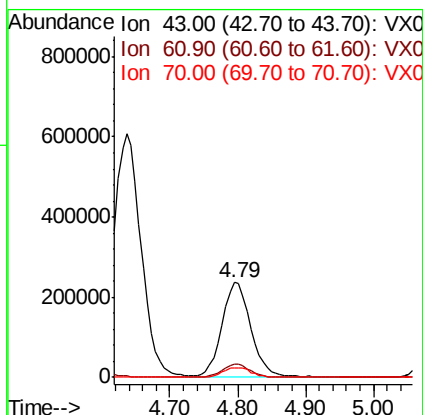
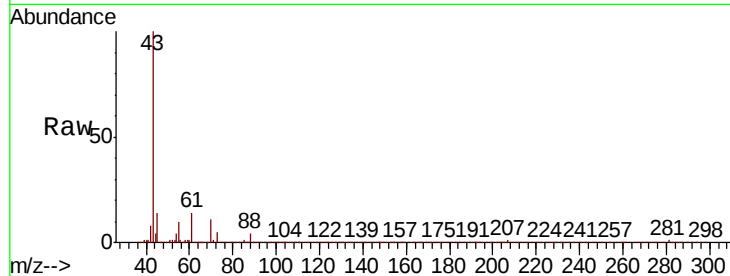




#37
Ethyl Acetate
Concen: 50.950 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

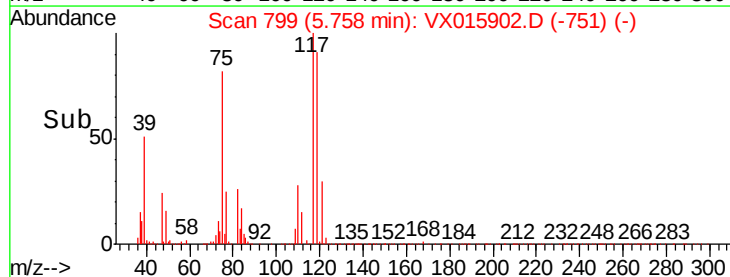
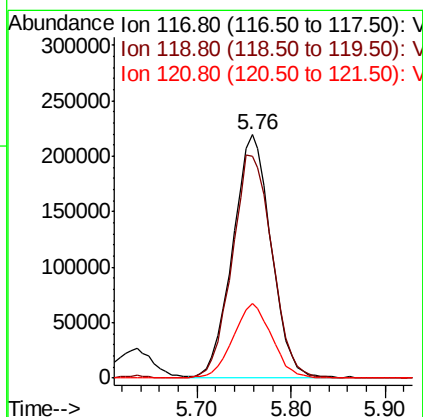
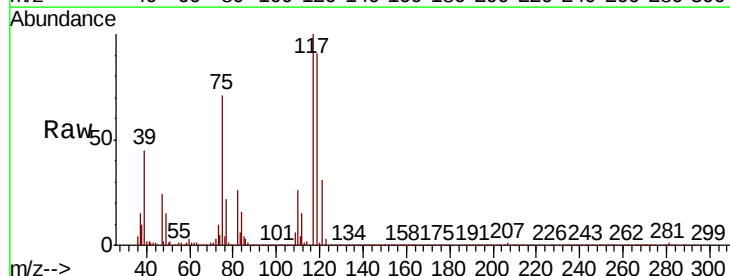
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

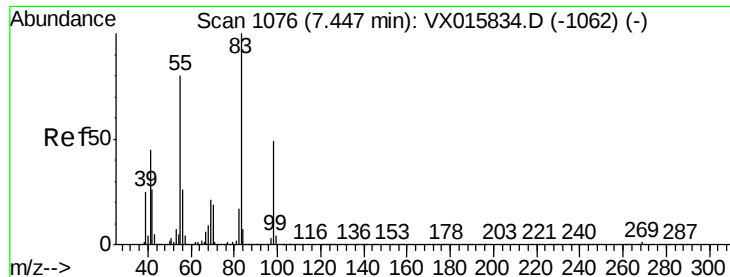
Tot Ion:	43	Resp:	693985
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	10.2	8.2	12.2



#38
Carbon Tetrachloride
Concen: 54.830 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion:	117	Resp:	618110
Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.7	113.5
121	30.4	25.0	37.6

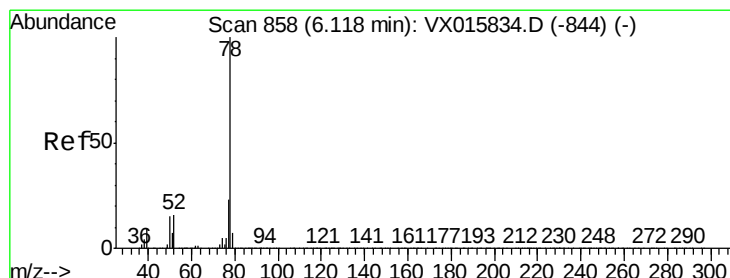
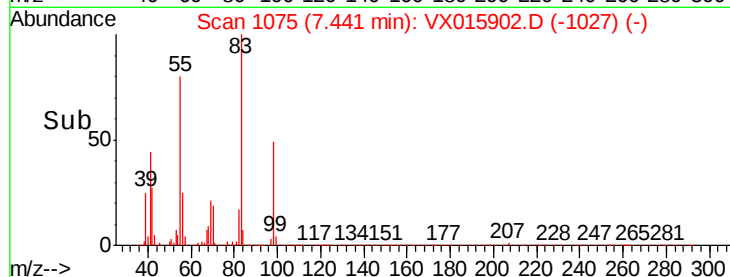
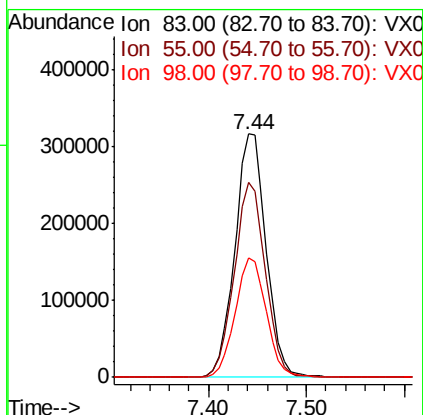
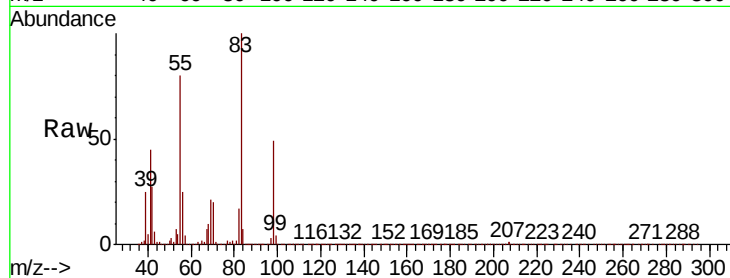




#39
Methvlcvclohexane
Concen: 48.034 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

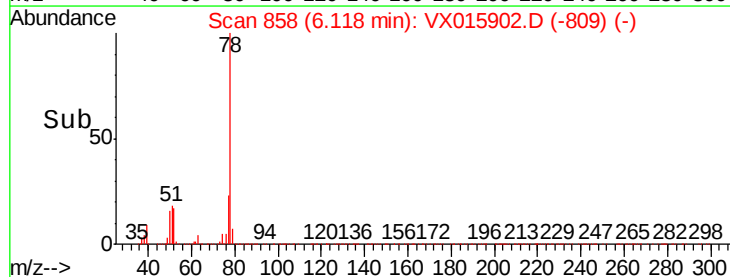
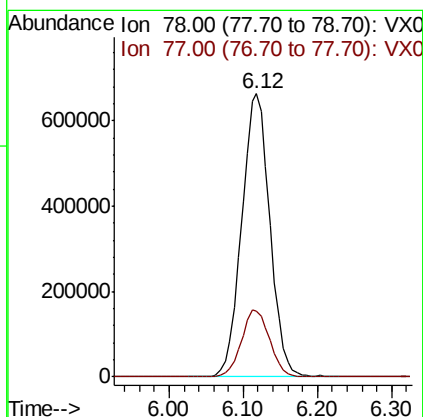
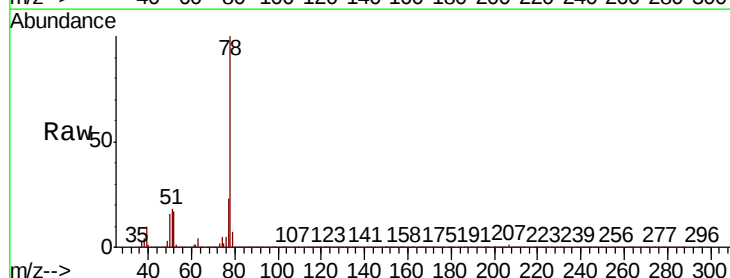
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

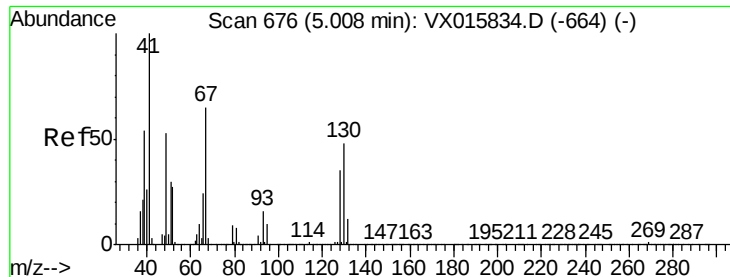
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.2	96.4
98	48.7	39.3	58.9



#40
Benzene
Concen: 50.922 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8





#41

Methacrylonitrile

Concen: 51.201 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 387526

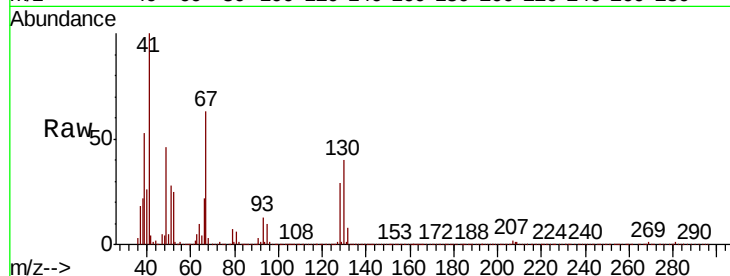
Ion Ratio Lower Upper

41 100

39 55.2 42.4 63.6

67 66.9 51.9 77.9

52 28.0 21.0 31.4

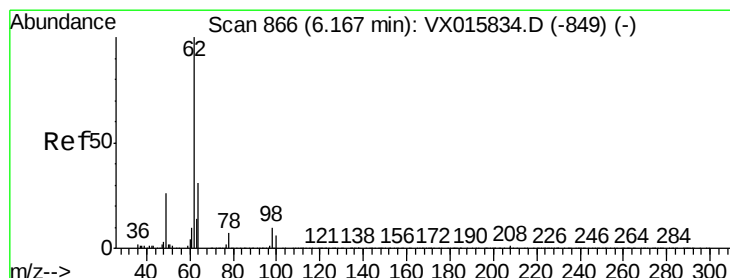
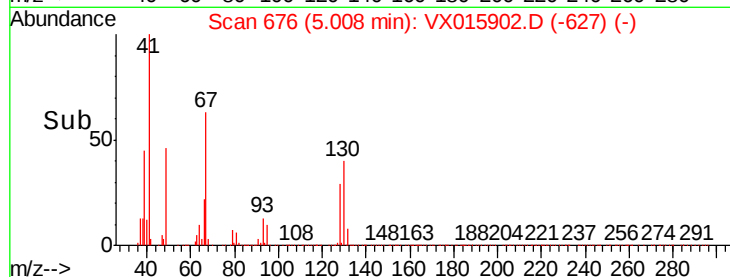
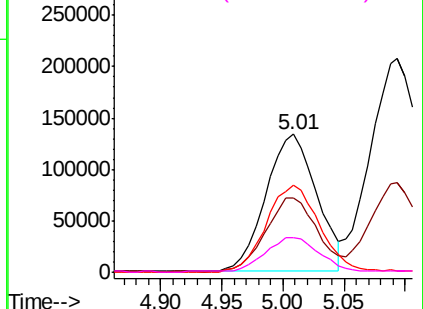


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.084 ug/l

RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015902.D

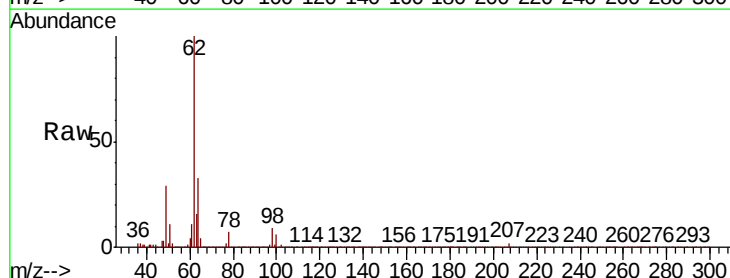
Acq: 23 Apr 2020 19:40

Tgt Ion: 62 Resp: 646502

Ion Ratio Lower Upper

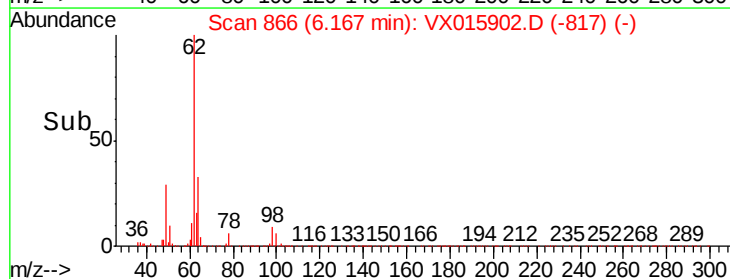
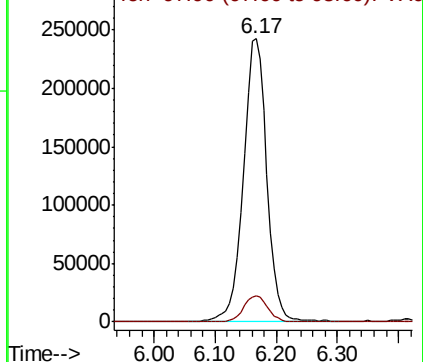
62 100

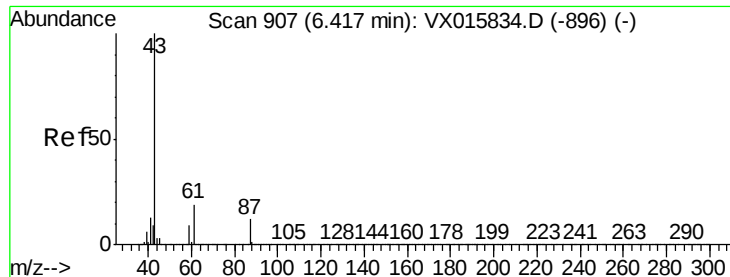
98 9.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



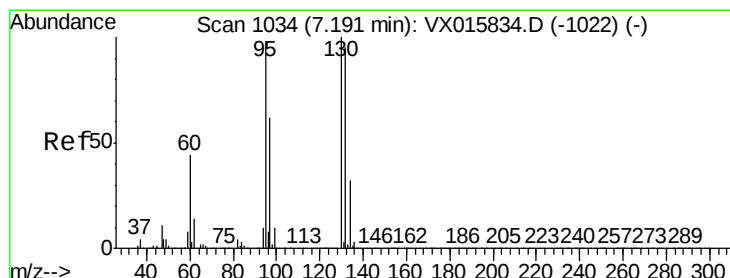
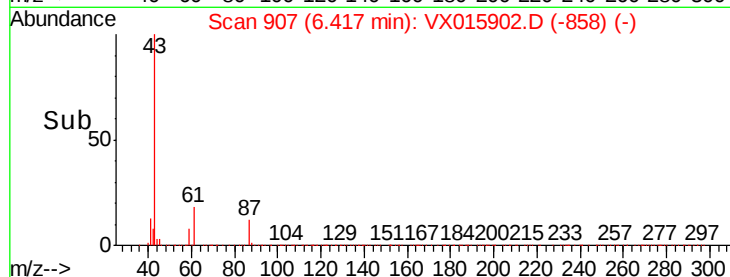
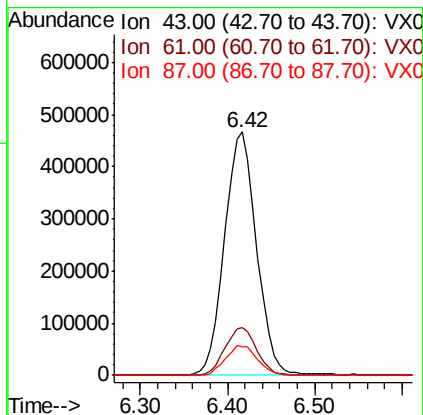
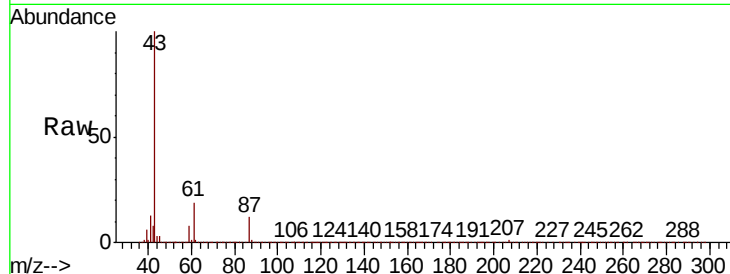


#43

Isopropyl Acetate
 Concen: 51.166 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

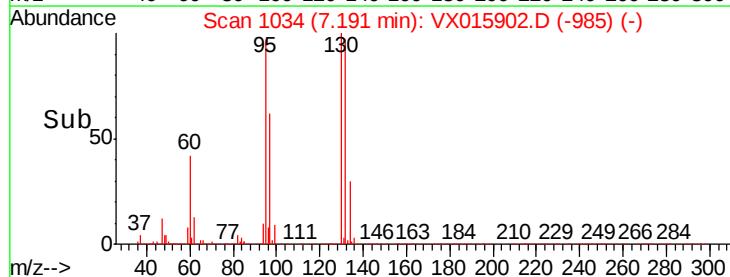
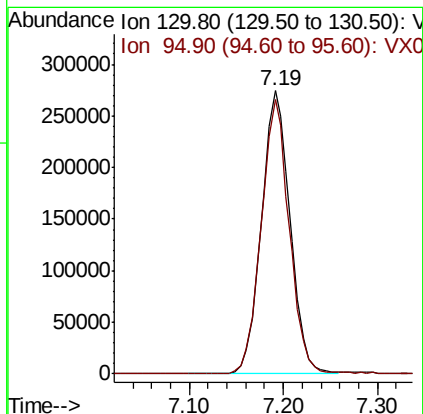
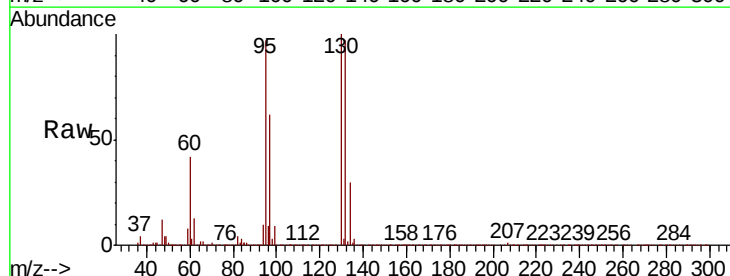
Tot Ion: 43 Resp: 1175601
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.4 23.2
 87 12.4 9.8 14.6

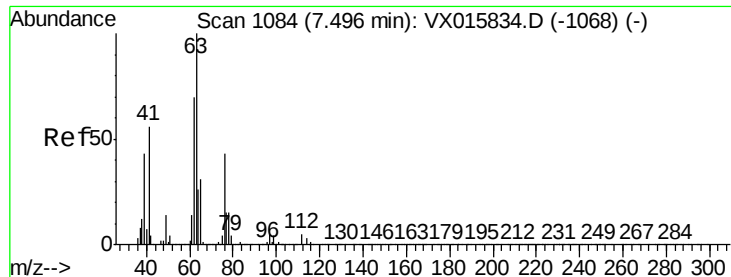


#44

Trichloroethene
 Concen: 48.106 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion: 130 Resp: 582752
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 52.237 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

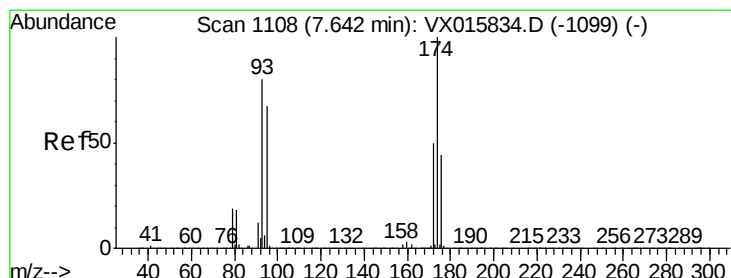
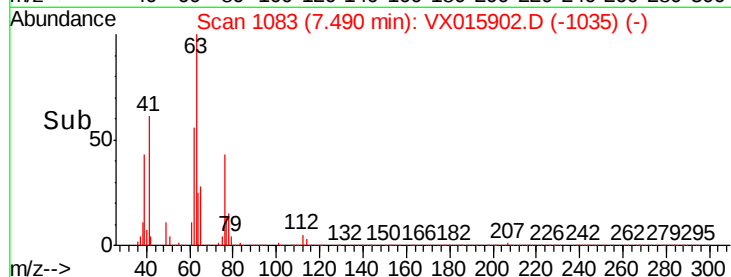
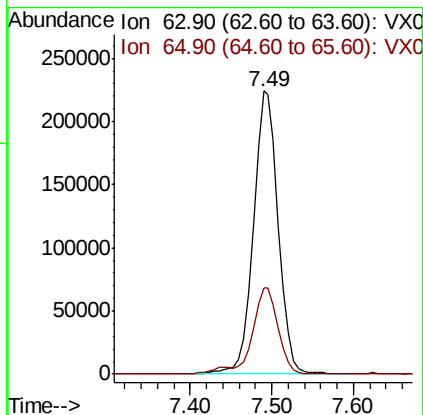
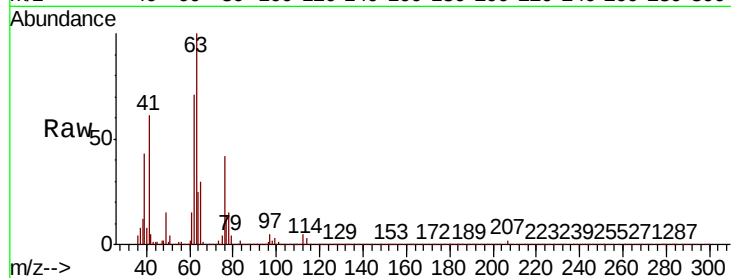
VSTDCCC050EC

Tot Ion: 63 Resp: 471878

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 47.034 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

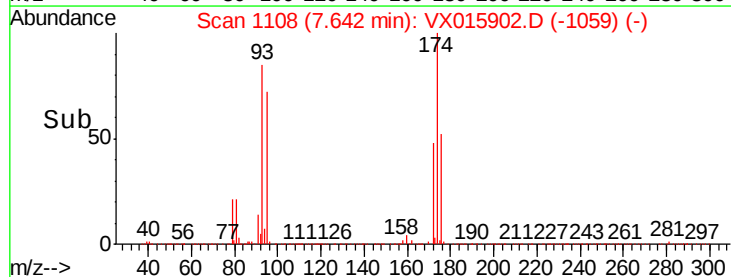
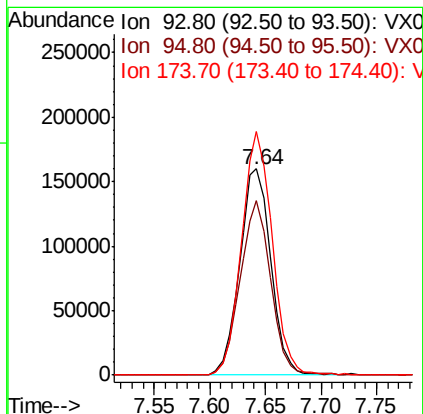
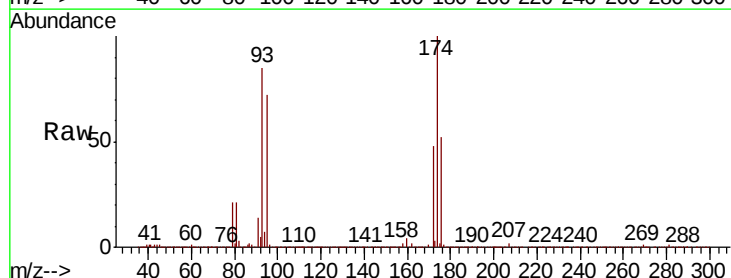
Tgt Ion: 93 Resp: 310155

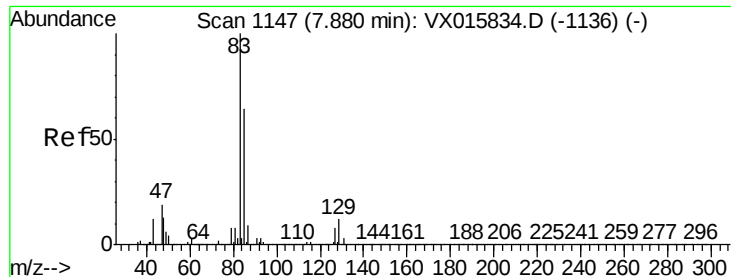
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 116.5 95.6 143.4





#47

Bromodichloromethane

Concen: 54.851 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

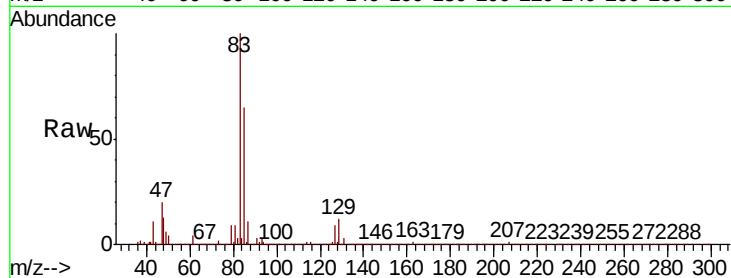
Tot Ion: 83 Resp: 643474

Ion Ratio Lower Upper

83 100

85 64.8 50.8 76.2

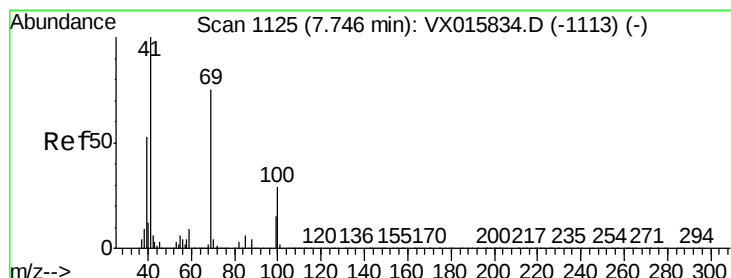
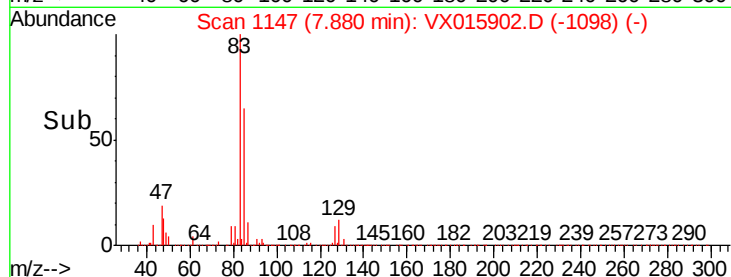
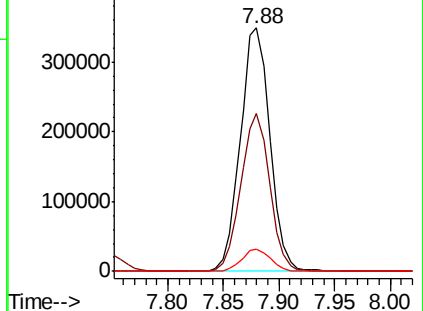
127 8.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.795 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

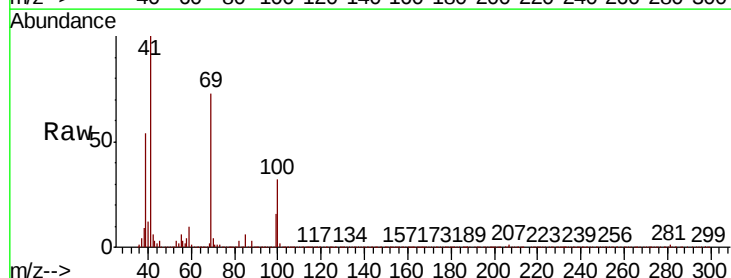
Tgt Ion: 41 Resp: 585383

Ion Ratio Lower Upper

41 100

69 74.9 60.5 90.7

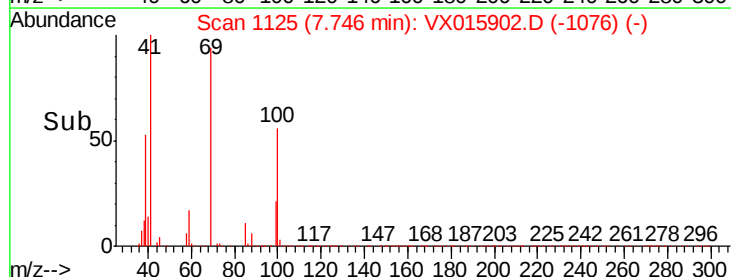
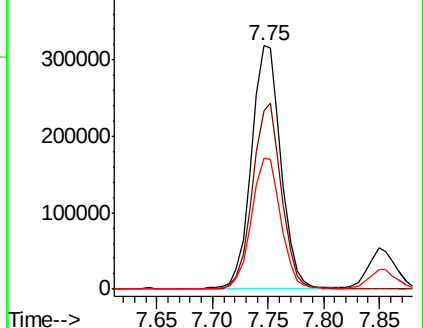
39 53.3 42.1 63.1

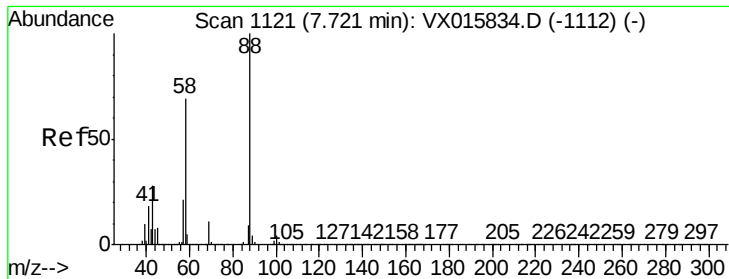


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

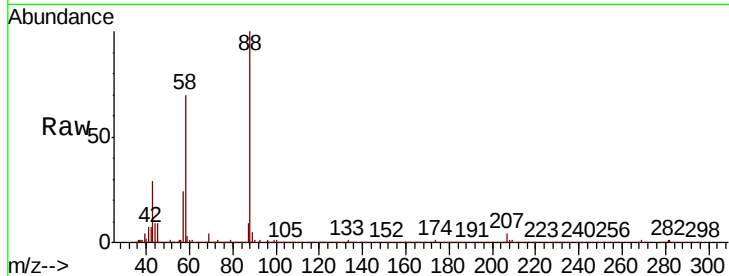




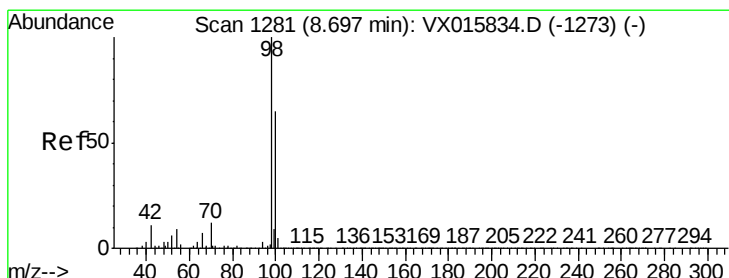
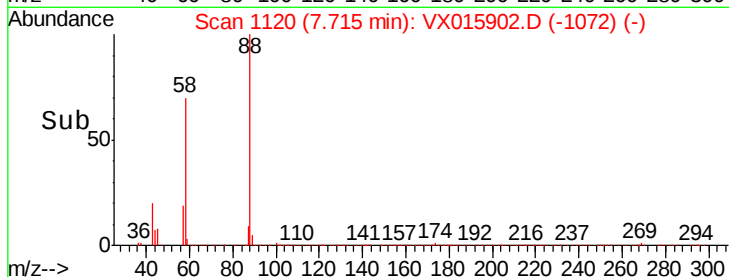
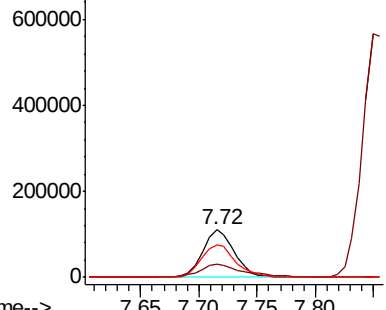
#49
1,4-Dioxane
Concen: 972.249 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	28.2	42.4
58	74.8	58.9	88.3

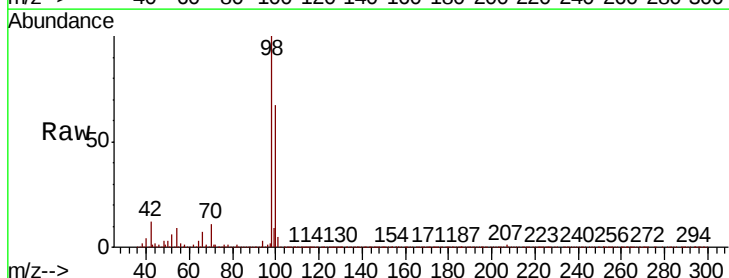


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

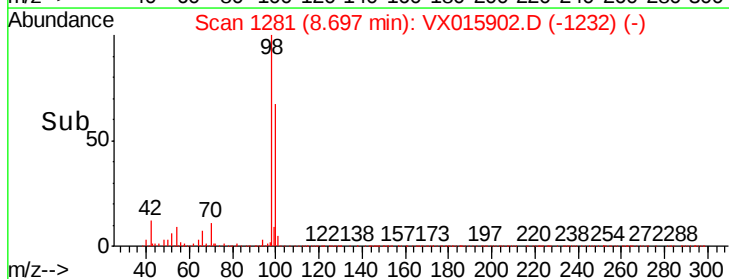
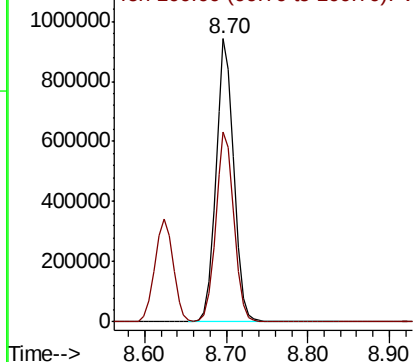


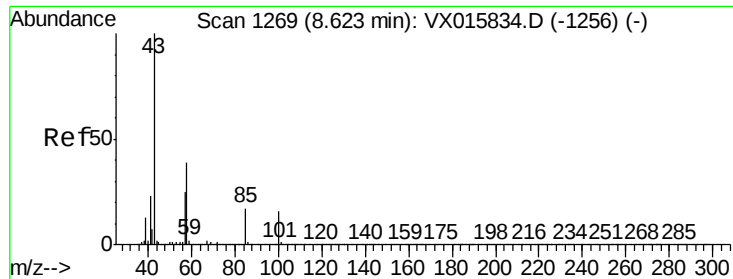
#50
Toluene-d8
Concen: 48.323 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.8	80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 256.676 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

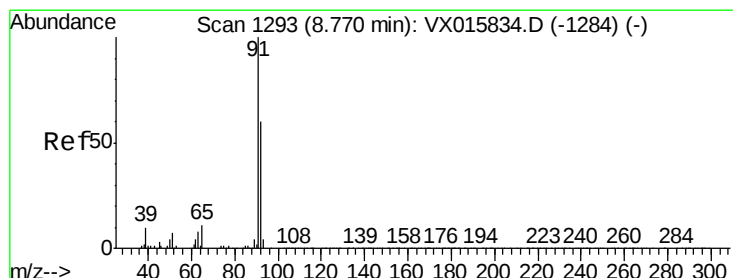
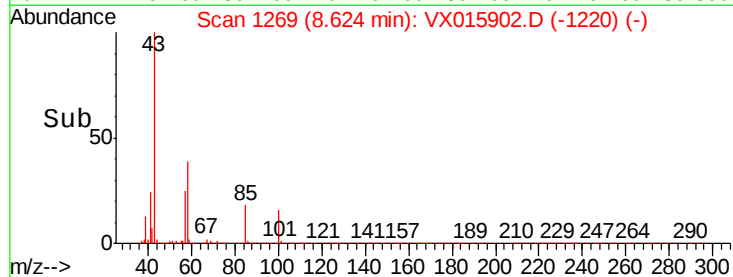
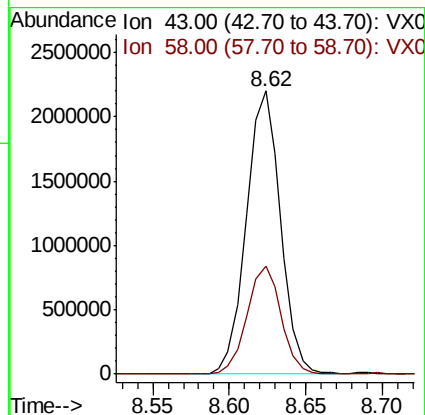
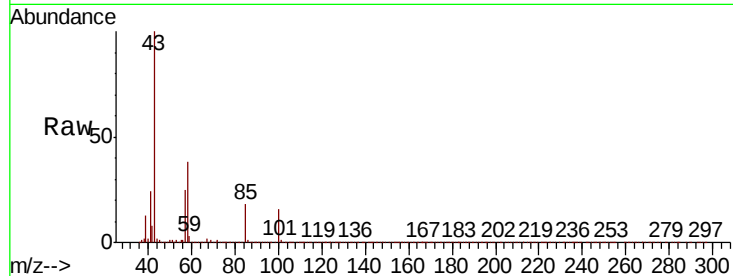
VSTDCCC050EC

Tot Ion: 43 Resp: 3404054

Ion Ratio Lower Upper

43 100

58 38.1 30.6 45.8



#52

Toluene

Concen: 51.476 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015902.D

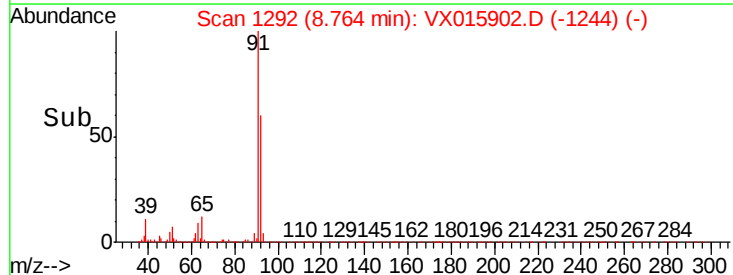
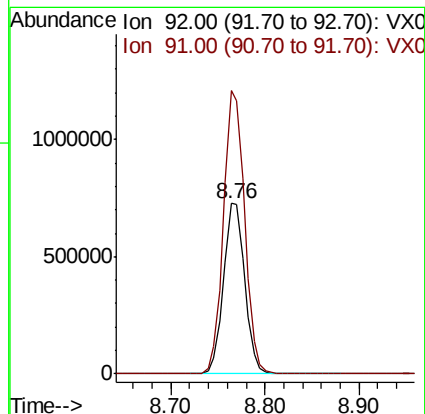
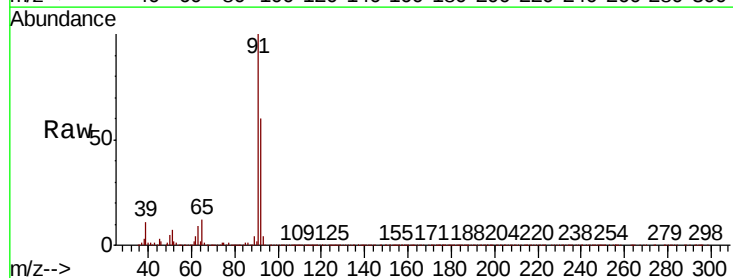
Acq: 23 Apr 2020 19:40

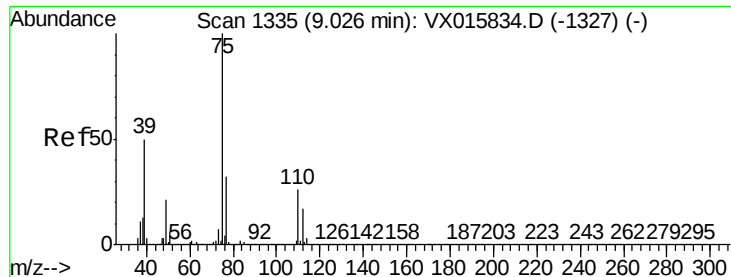
Tgt Ion: 92 Resp: 1137345

Ion Ratio Lower Upper

92 100

91 165.6 133.4 200.0

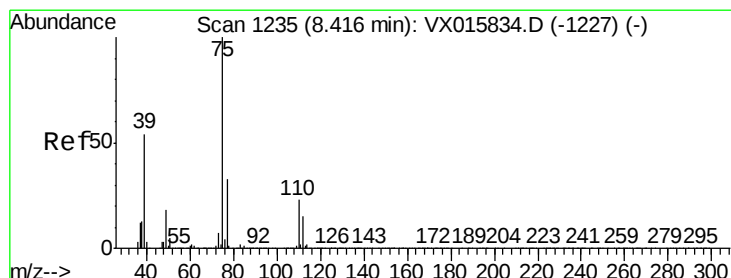
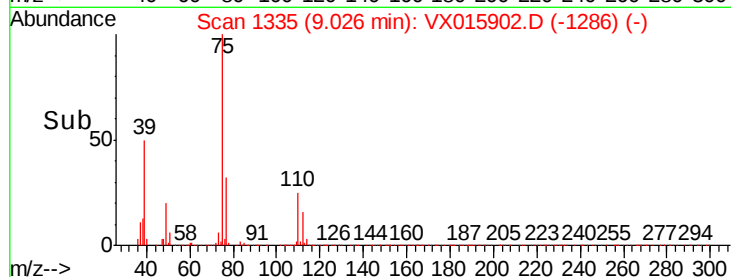
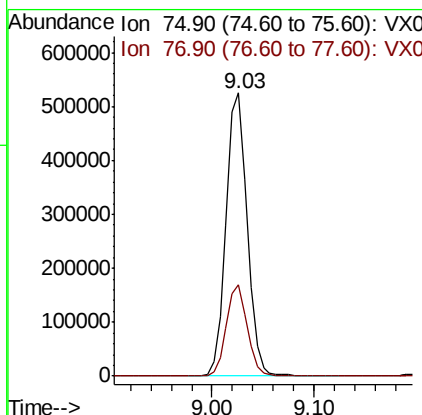
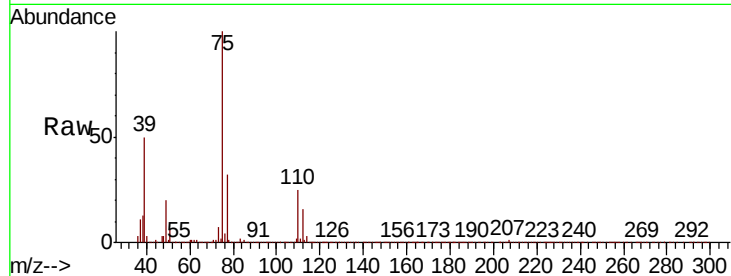




#53
t-1,3-Dichloropropene
Concen: 51.479 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

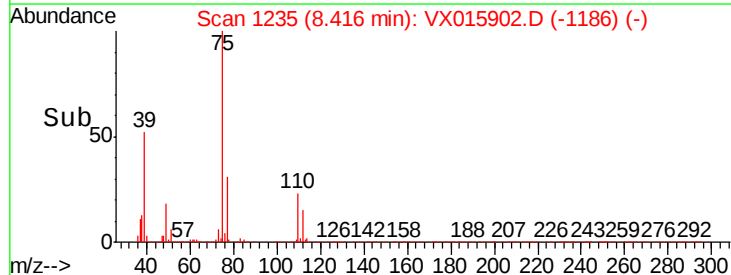
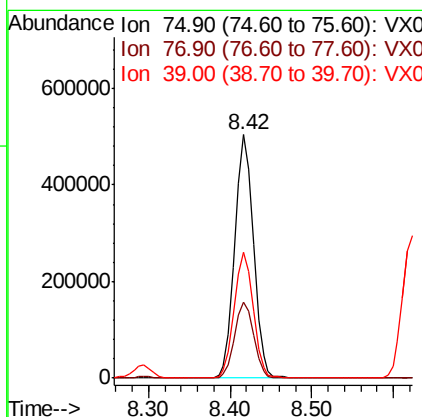
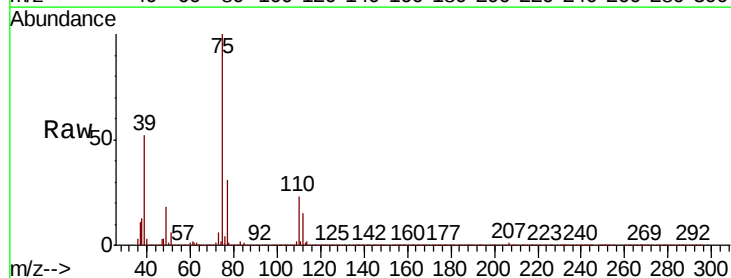
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

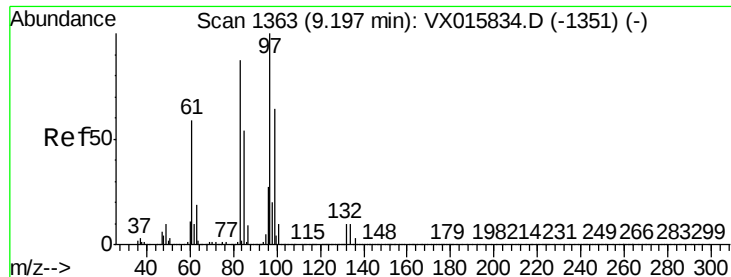
Tot Ion: 75 Resp: 749312
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 51.390 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 75 Resp: 790593
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
39 51.7 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 53.219 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 459149

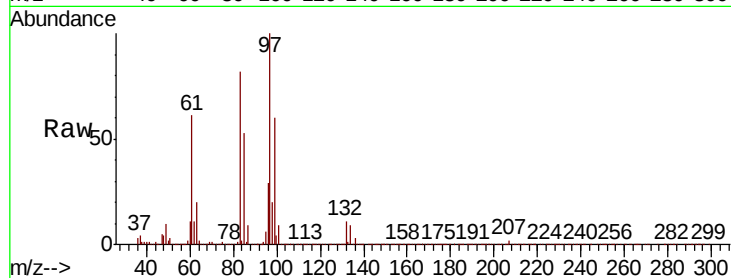
Ion Ratio Lower Upper

97 100

83 82.1 69.8 104.8

85 53.2 43.4 65.2

99 60.4 51.2 76.8



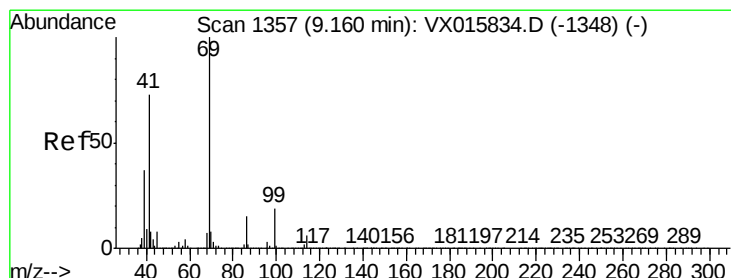
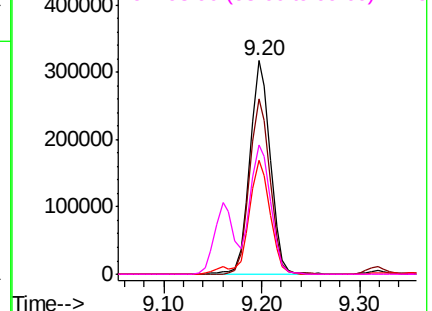
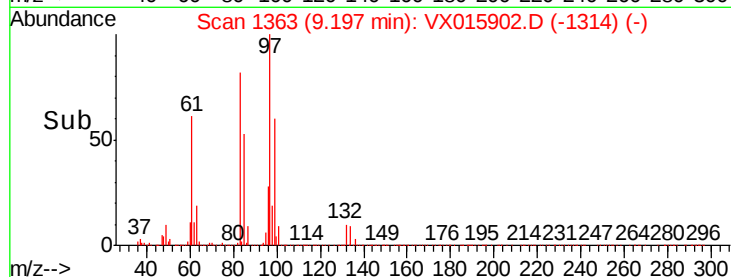
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.096 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

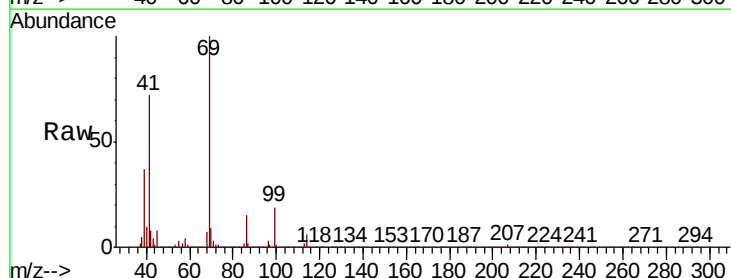
Tgt Ion: 69 Resp: 761307

Ion Ratio Lower Upper

69 100

41 72.0 57.4 86.2

39 37.3 29.7 44.5

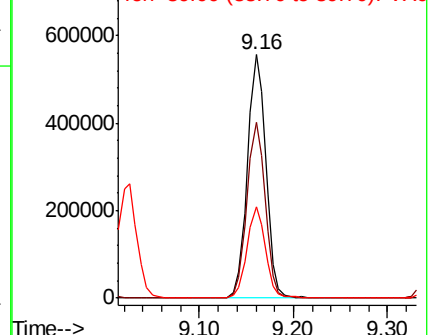
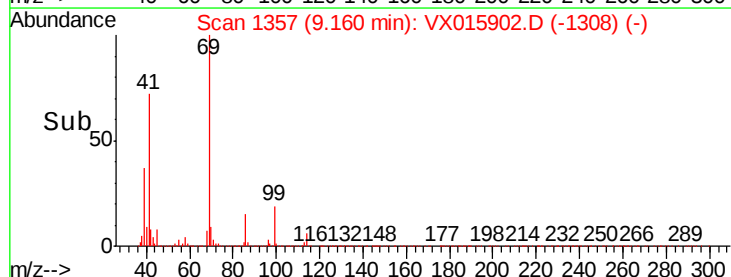


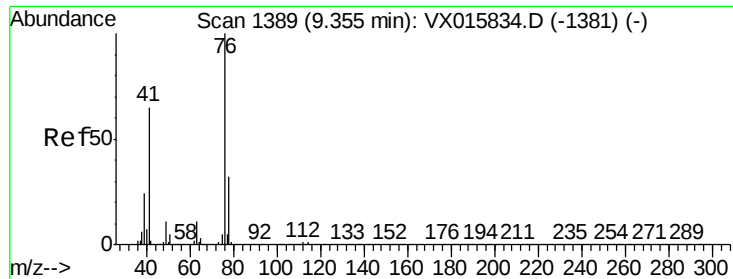
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.726 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

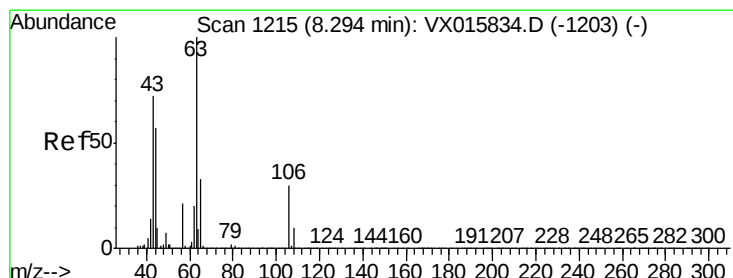
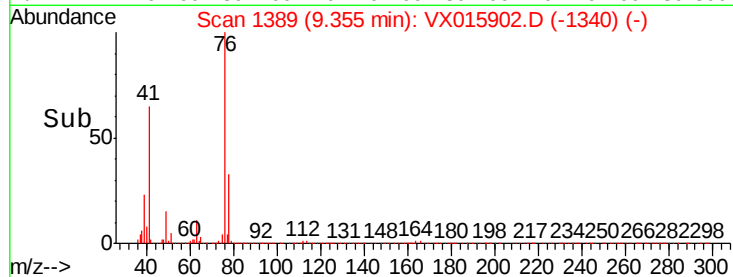
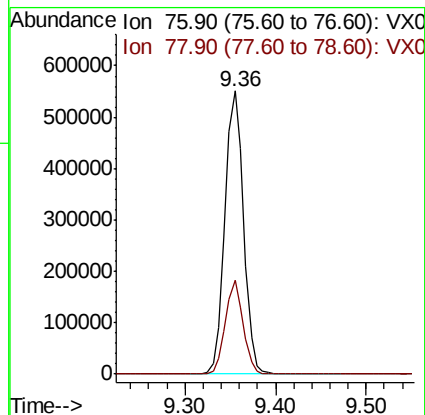
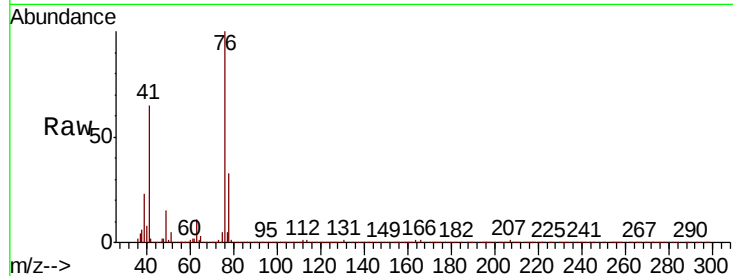
VSTDCCC050EC

Tot Ion: 76 Resp: 790477

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 259.101 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015902.D

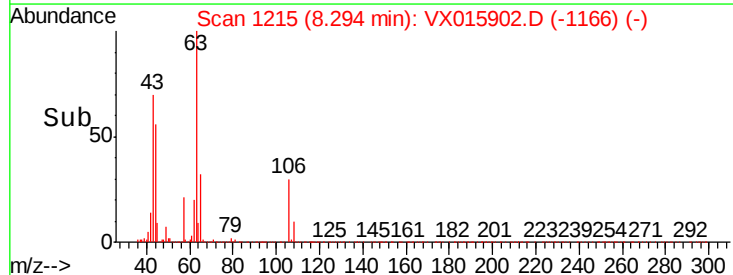
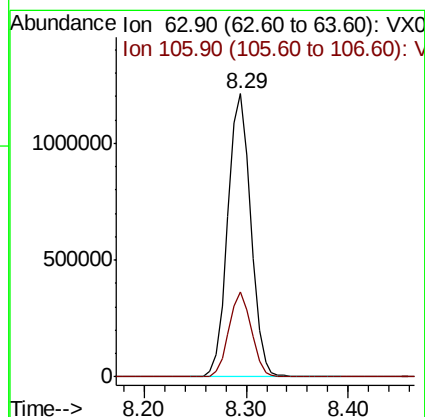
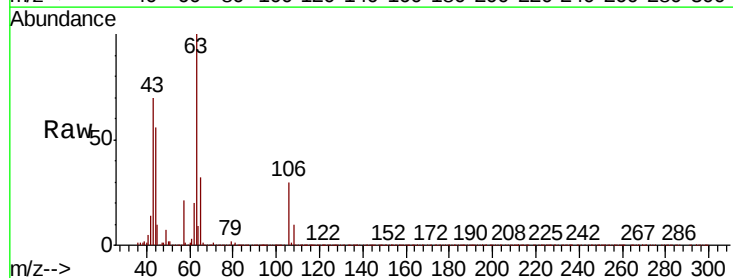
Acq: 23 Apr 2020 19:40

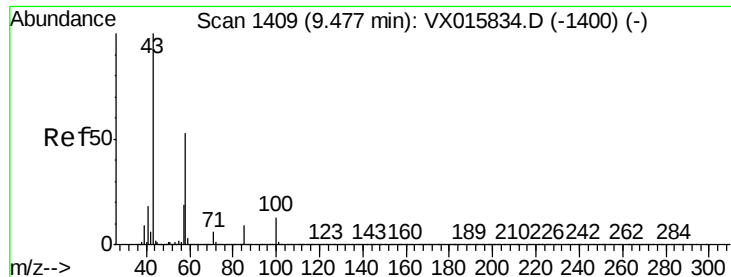
Tgt Ion: 63 Resp: 1891526

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8

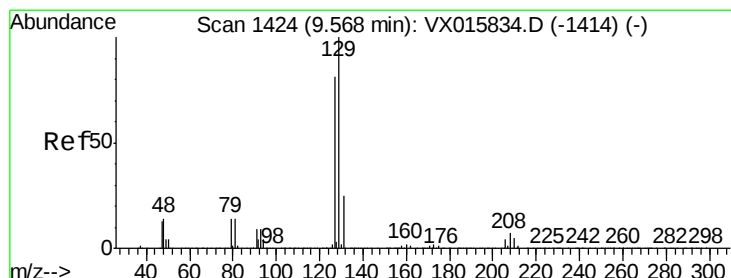
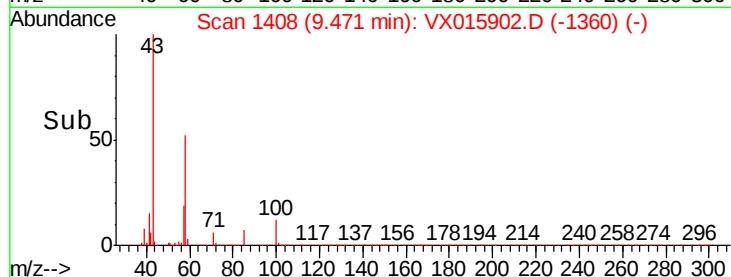
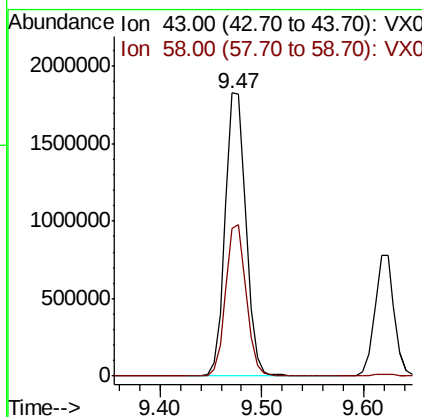
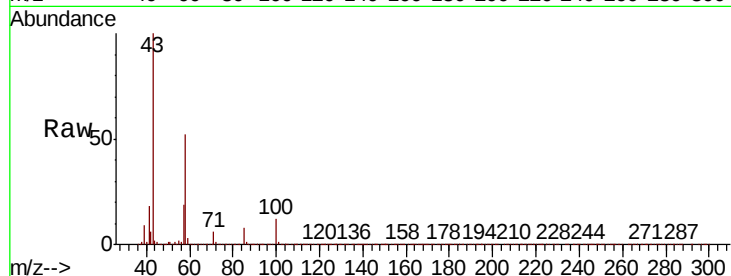




#59
2-Hexanone
Concen: 254.683 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

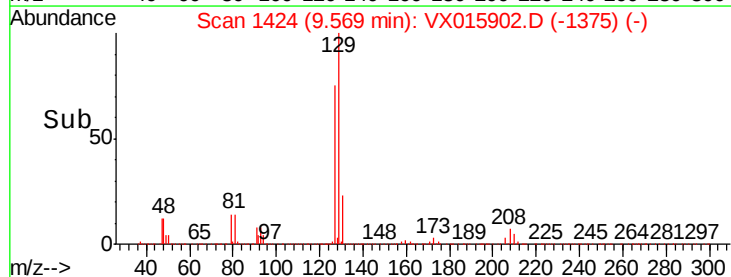
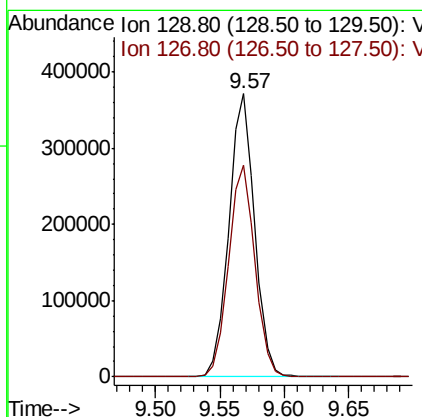
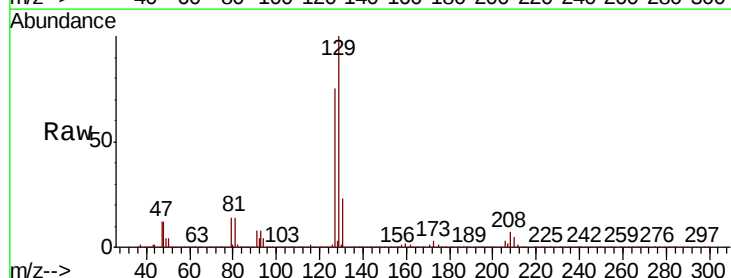
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

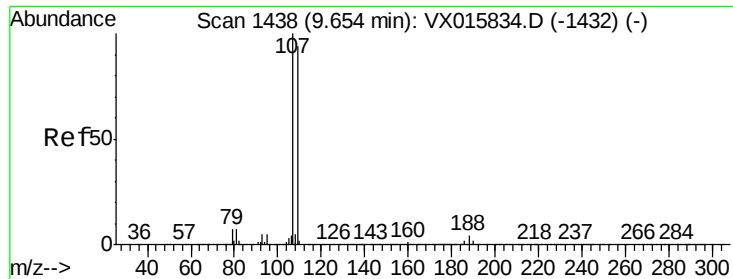
Tot Ion: 43 Resp: 2573097
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4



#60
Dibromochloromethane
Concen: 58.262 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion:129 Resp: 519088
Ion Ratio Lower Upper
129 100
127 76.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 50.686 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

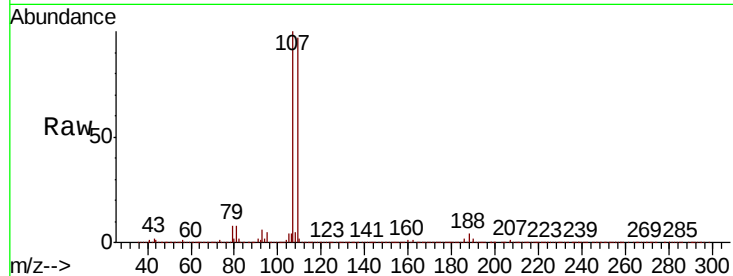
VSTDCCC050EC

Tot Ion:107 Resp: 483303

Ion Ratio Lower Upper

107 100

109 96.5 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

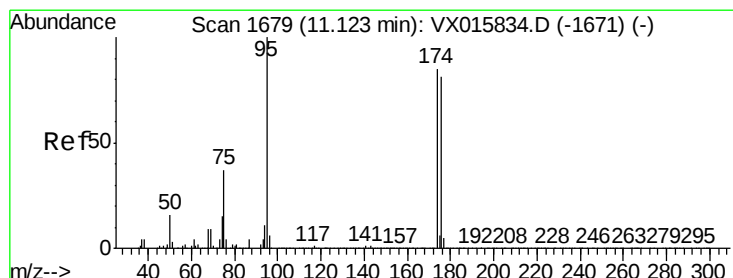
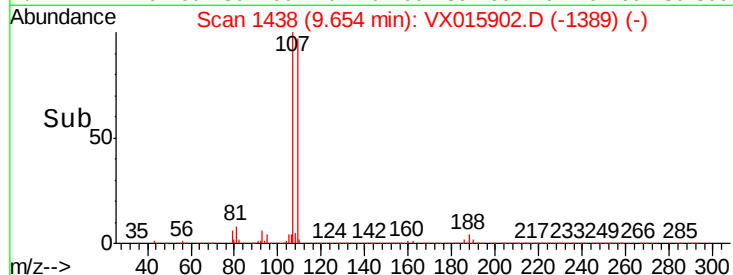
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.532 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

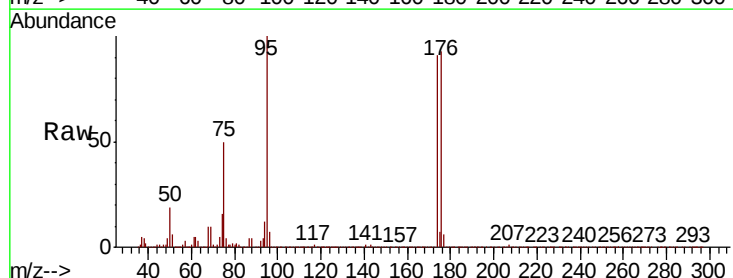
Tgt Ion: 95 Resp: 584939

Ion Ratio Lower Upper

95 100

174 88.5 0.0 172.4

176 88.1 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

500000

400000

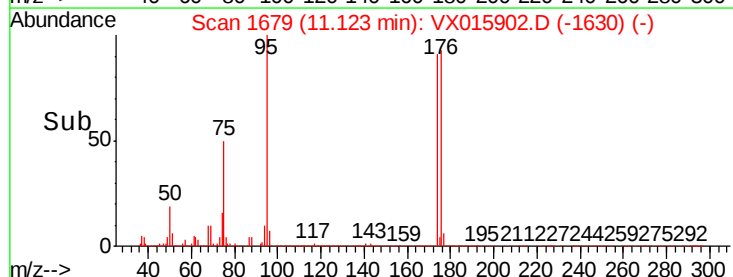
300000

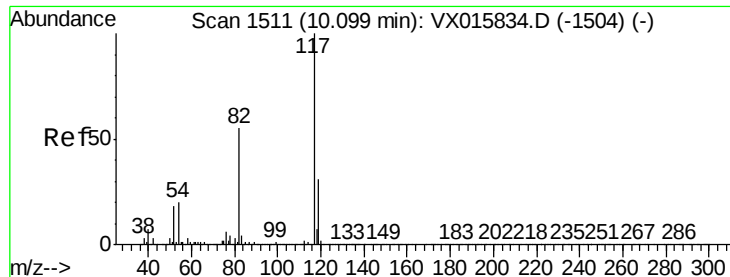
200000

100000

0

Time-->

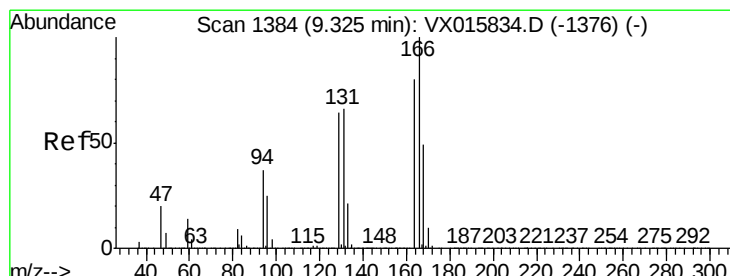
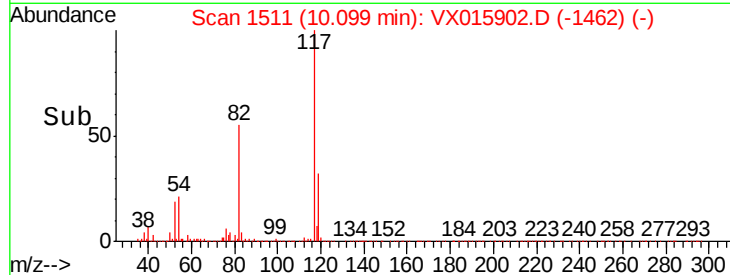
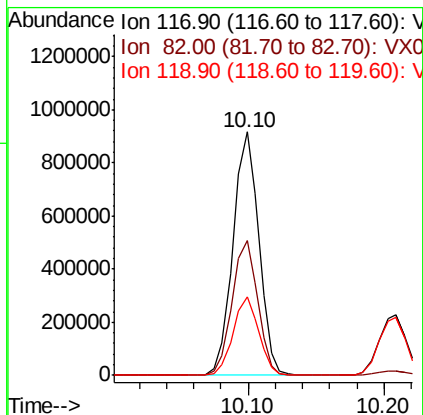
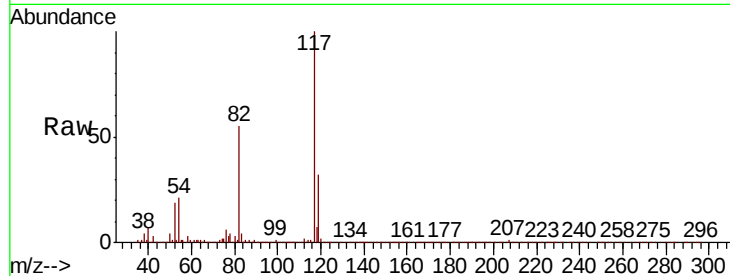




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

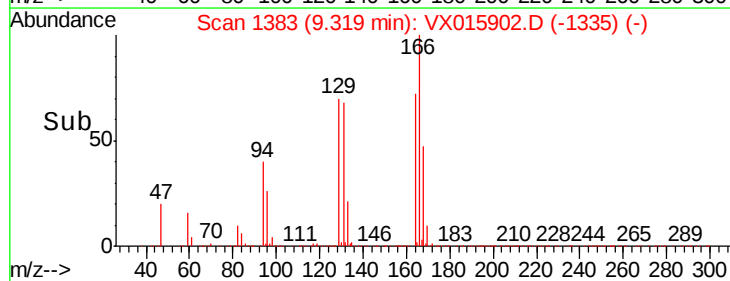
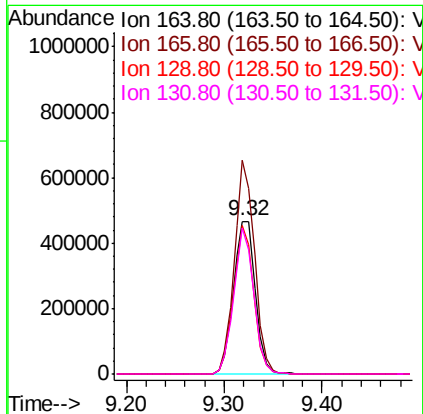
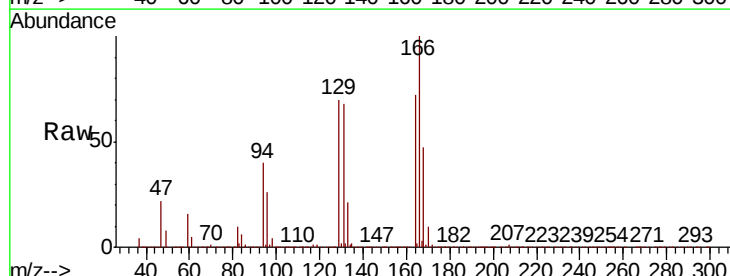
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

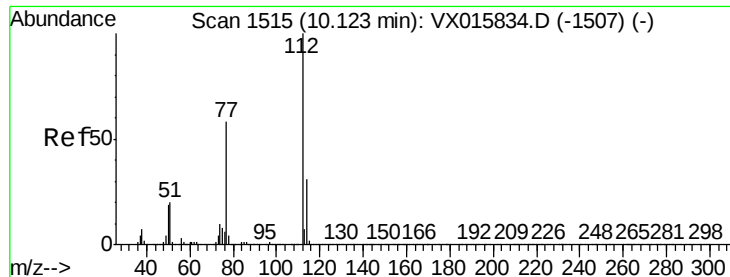
Tot Ion:117 Resp: 1211641
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 44.184 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion:164 Resp: 721598
Ion Ratio Lower Upper
164 100
166 139.6 100.2 150.2
129 97.3 64.5 96.7#
131 95.2 65.9 98.9





#65

Chlorobenzene

Concen: 51.182 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

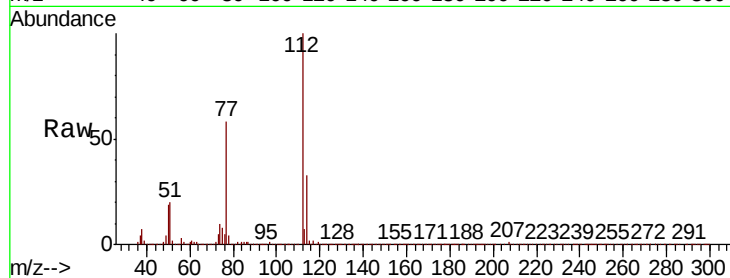
VSTDCCC050EC

Tot Ion:112 Resp: 1240084

Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

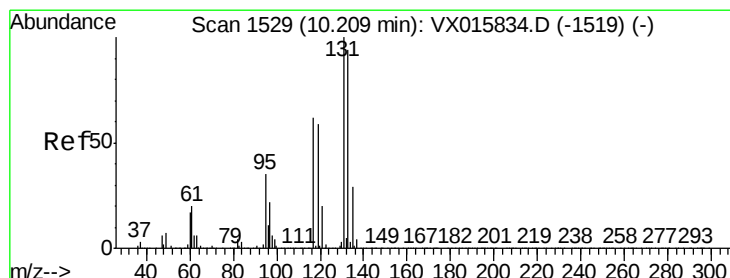
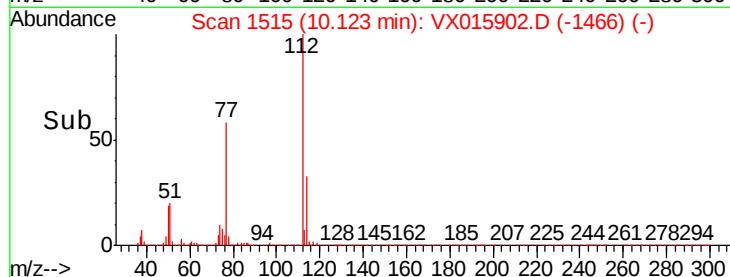
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 53.520 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

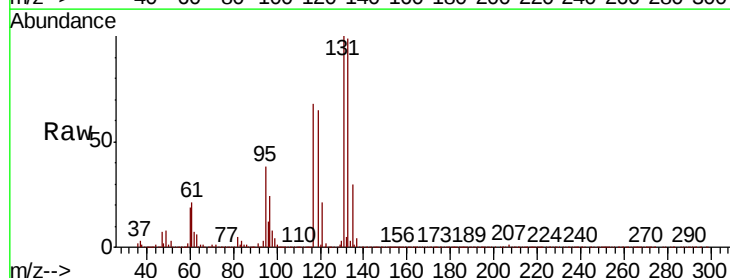
Tgt Ion:131 Resp: 484717

Ion Ratio Lower Upper

131 100

133 96.3 47.0 141.2

119 63.1 30.9 92.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

400000

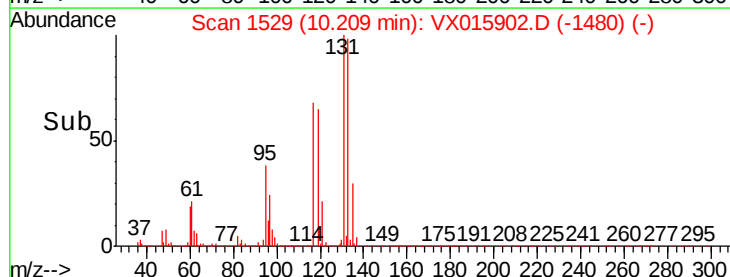
300000

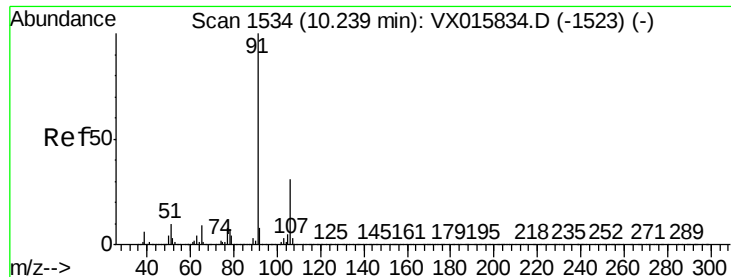
200000

100000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 51.120 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

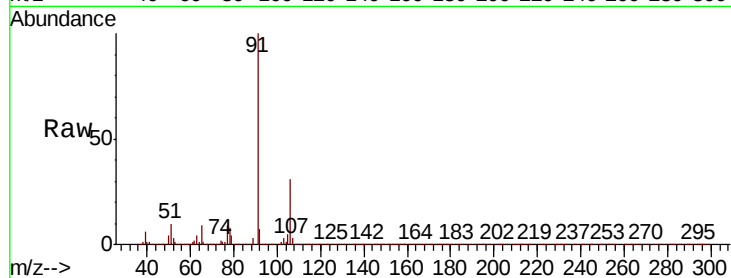
VSTDCCC050EC

Tot Ion: 91 Resp: 2175061

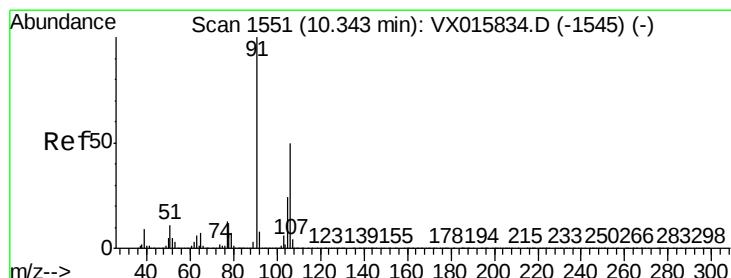
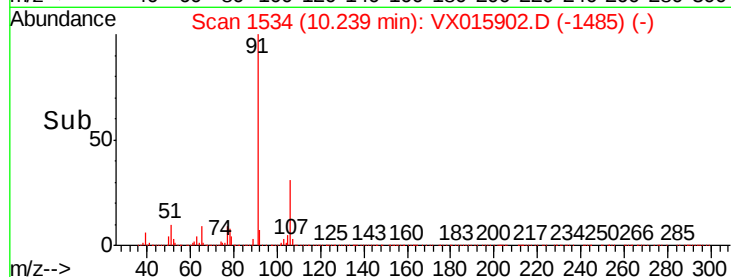
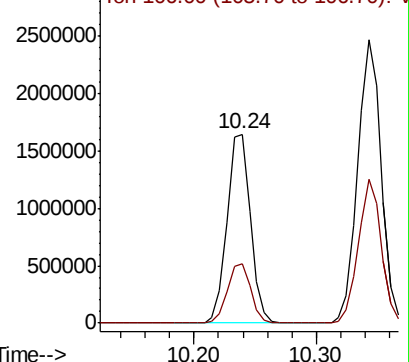
Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX015834.D (-1523) (-)



#68

m/p-Xylenes

Concen: 102.520 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015902.D

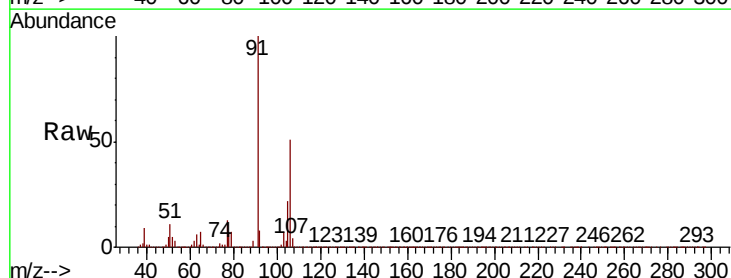
Acq: 23 Apr 2020 19:40

Tgt Ion: 106 Resp: 1637290

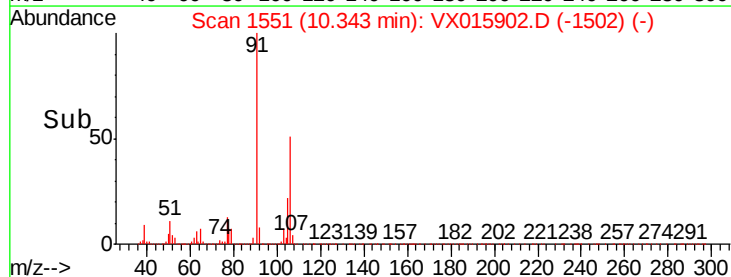
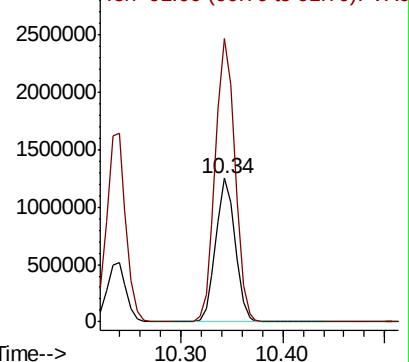
Ion Ratio Lower Upper

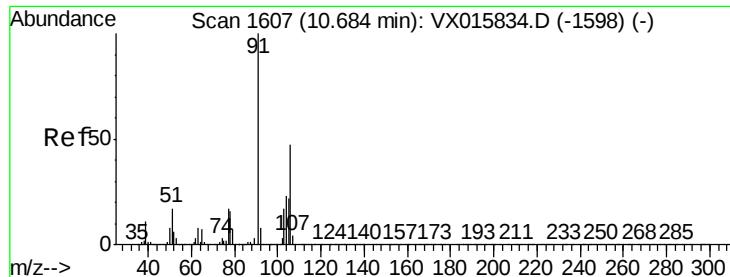
106 100

91 201.0 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): VX015834.D (-1523) (-)

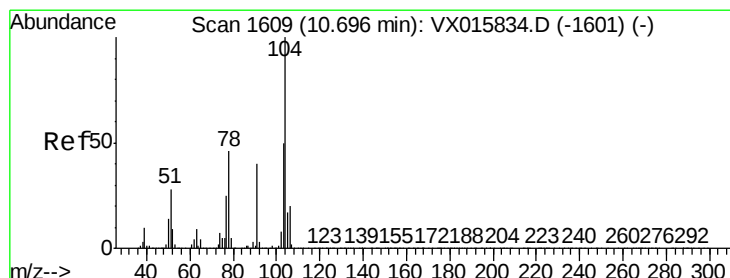
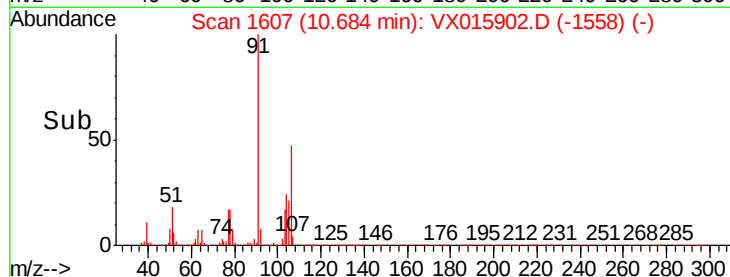
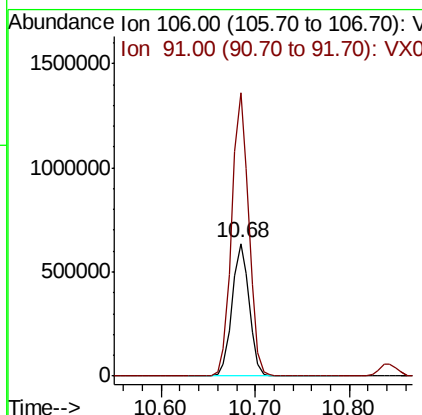
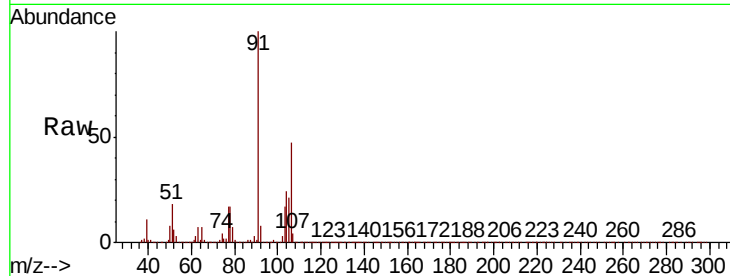




#69
o-Xylene
Concen: 50.965 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

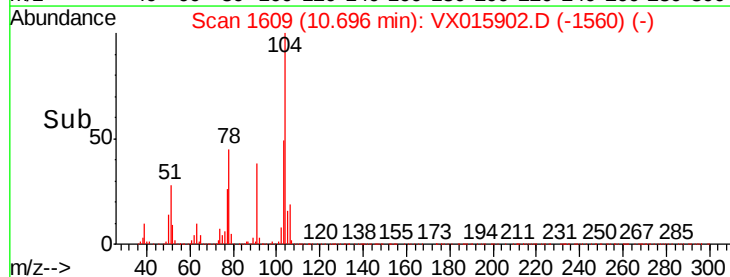
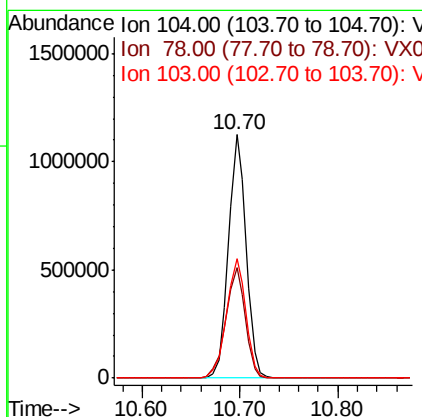
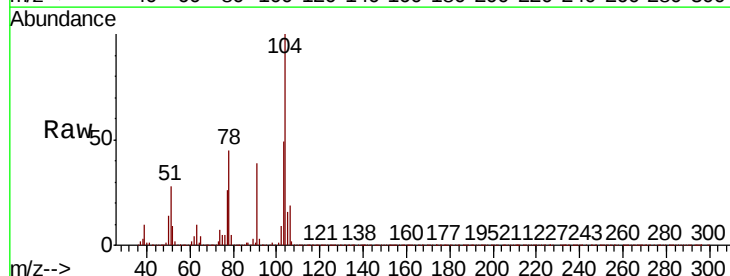
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

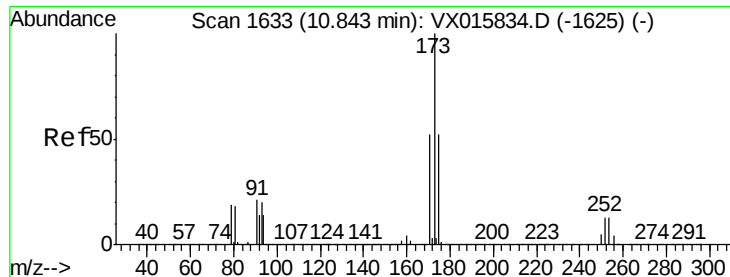
Tot Ion:106 Resp: 800952
Ion Ratio Lower Upper
106 100
91 213.0 107.1 321.3



#70
Styrene
Concen: 51.736 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion:104 Resp: 1407831
Ion Ratio Lower Upper
104 100
78 50.0 40.1 60.1
103 54.1 43.3 64.9

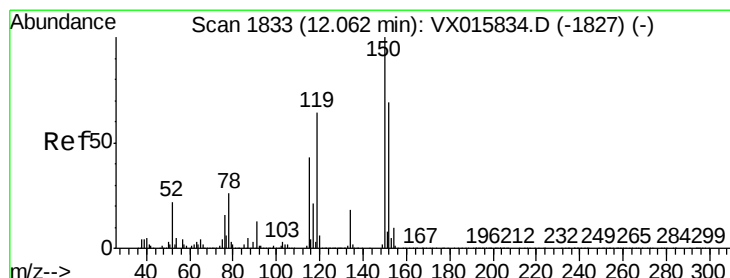
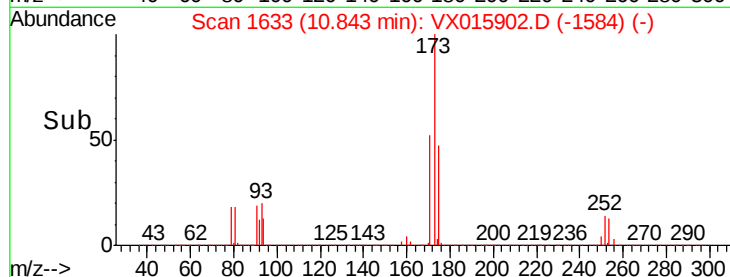
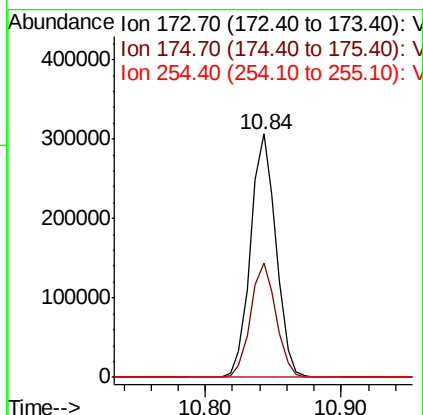
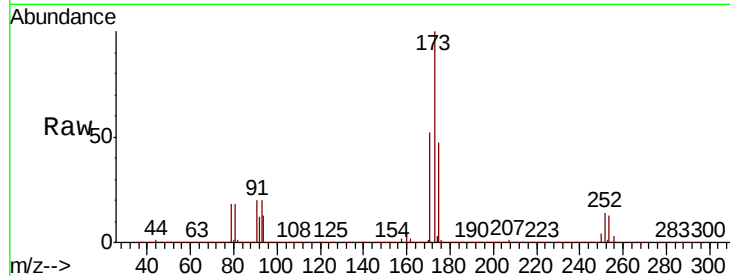




#71
Bromoform
Concen: 68.208 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

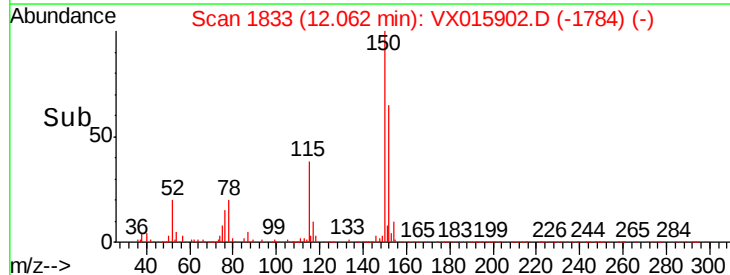
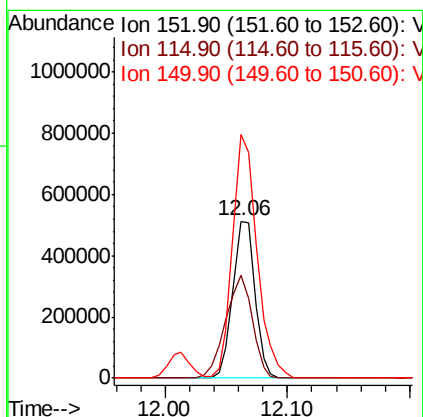
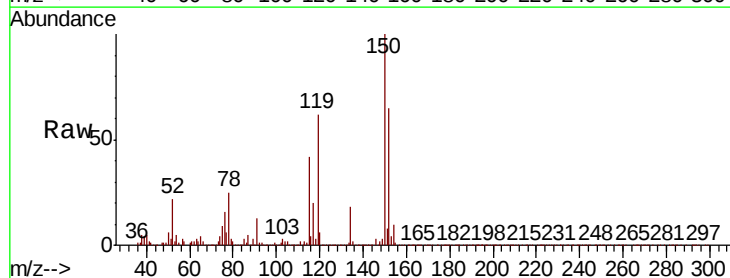
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

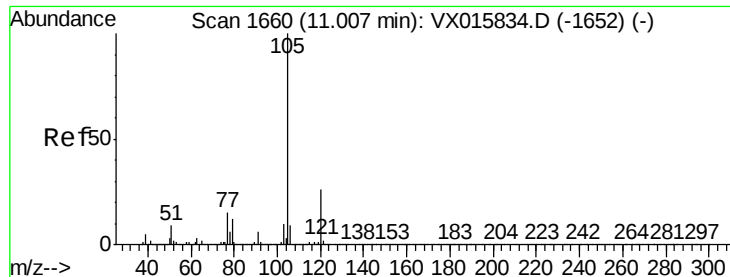
Tot Ion:173 Resp: 402538
Ion Ratio Lower Upper
173 100
175 47.4 25.1 75.4
254 0.3 0.3 0.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion:152 Resp: 640551
Ion Ratio Lower Upper
152 100
115 78.8 39.0 116.9
150 170.3 0.0 336.8





#73

Isopropylbenzene

Concen: 52.421 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

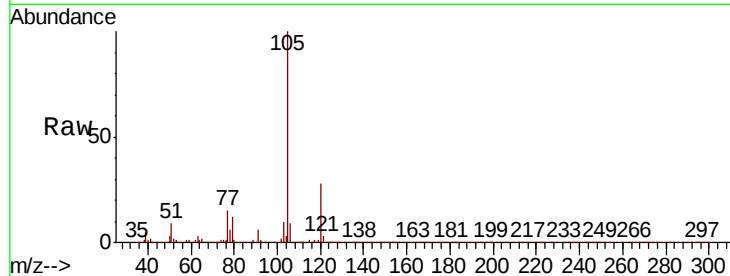
VSTDCCC050EC

Tot Ion:105 Resp: 2132545

Ion Ratio Lower Upper

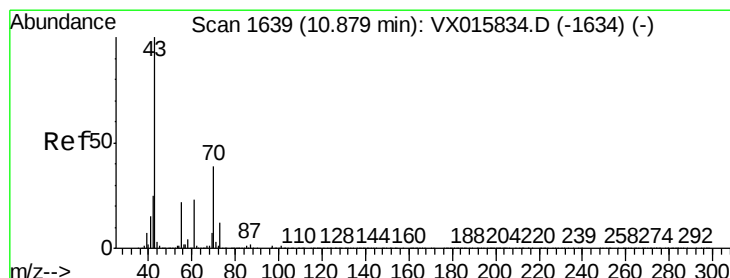
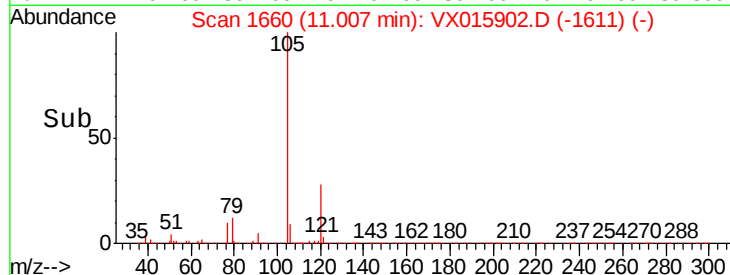
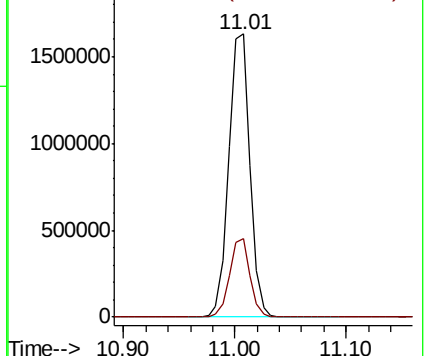
105 100

120 26.6 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.384 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion: 43 Resp: 1079148

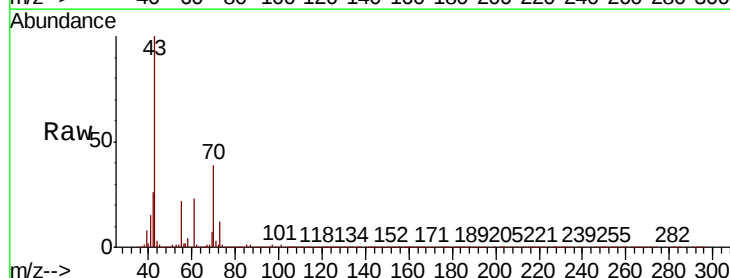
Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 22.6 18.3 27.5

61 24.1 18.7 28.1

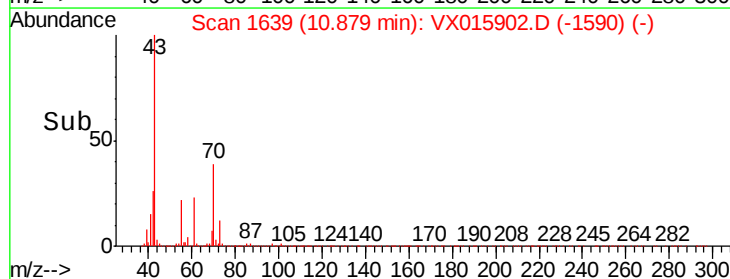
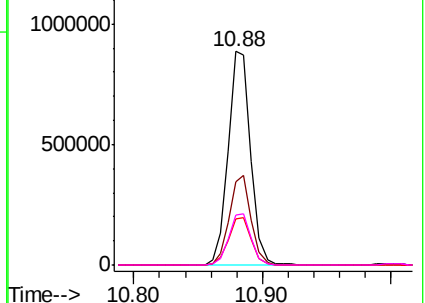


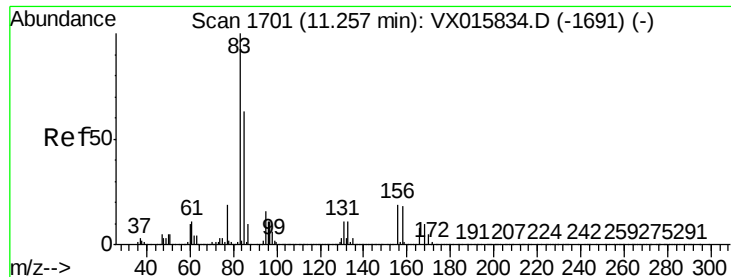
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.818 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

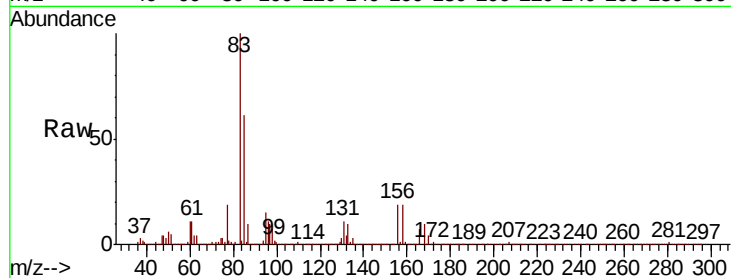
Tot Ion: 83 Resp: 497784

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

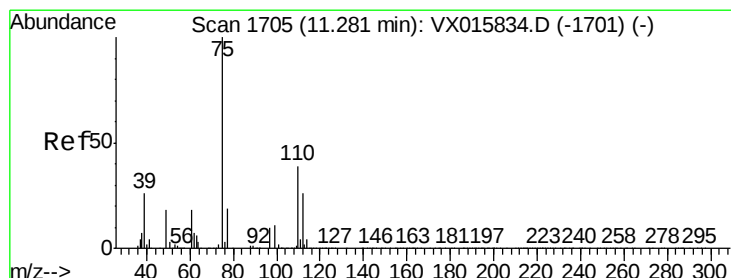
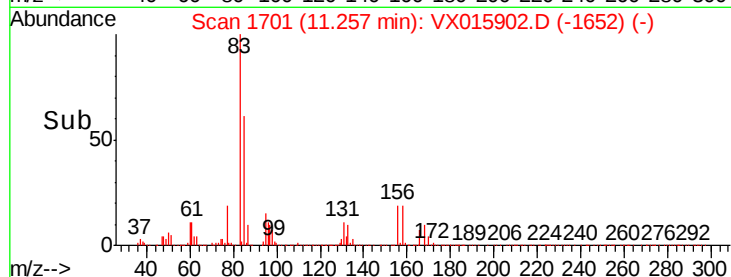
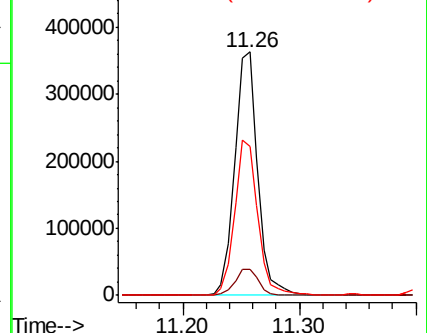
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.666 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015902.D

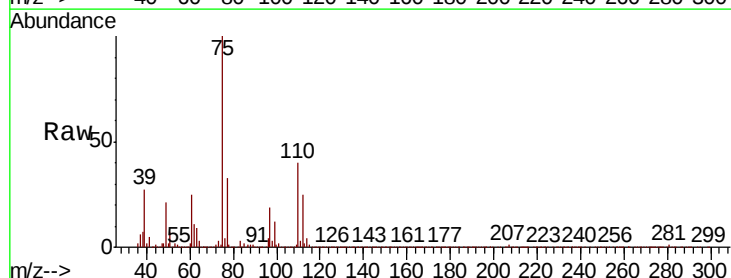
Acq: 23 Apr 2020 19:40

Tgt Ion: 75 Resp: 836389

Ion Ratio Lower Upper

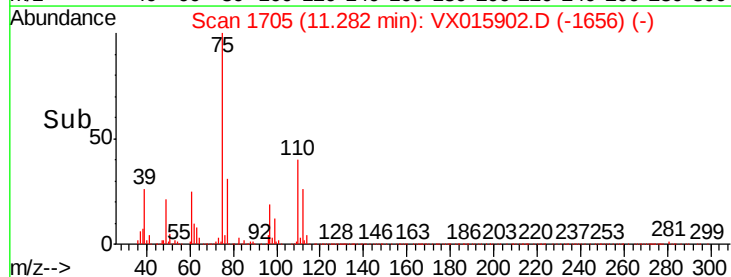
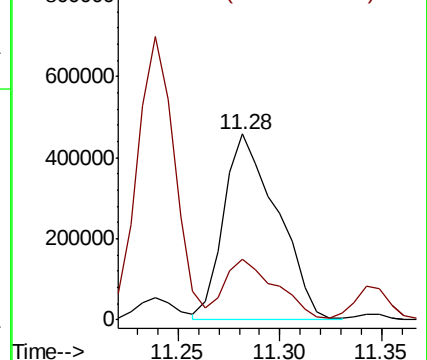
75 100

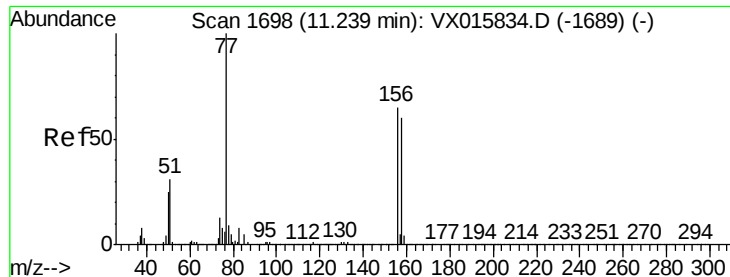
77 31.6 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.166 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

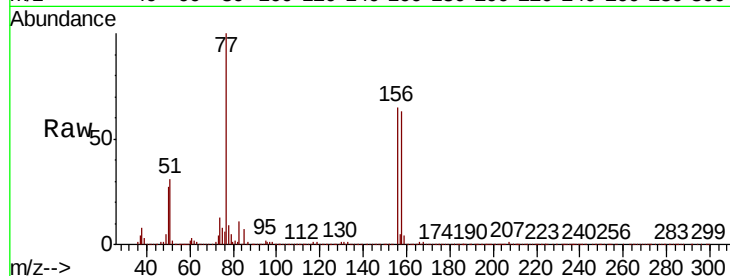
Tot Ion:156 Resp: 579852

Ion Ratio Lower Upper

156 100

77 153.3 75.2 225.6

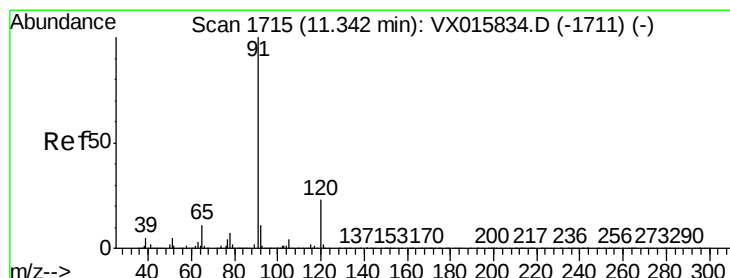
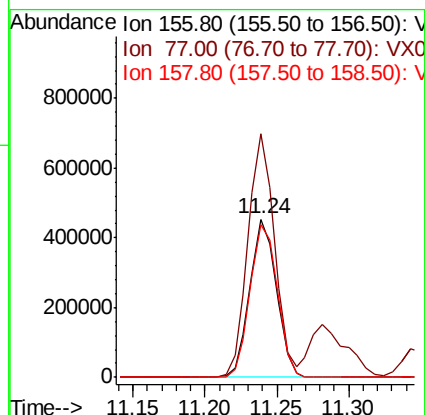
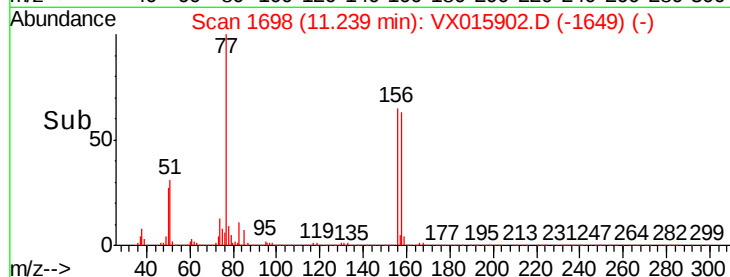
158 98.8 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.647 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015902.D

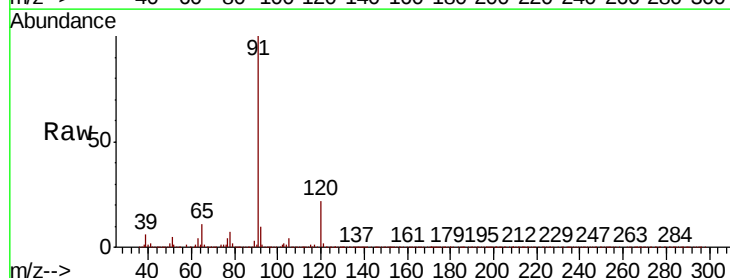
Acq: 23 Apr 2020 19:40

Tgt Ion: 91 Resp: 2453492

Ion Ratio Lower Upper

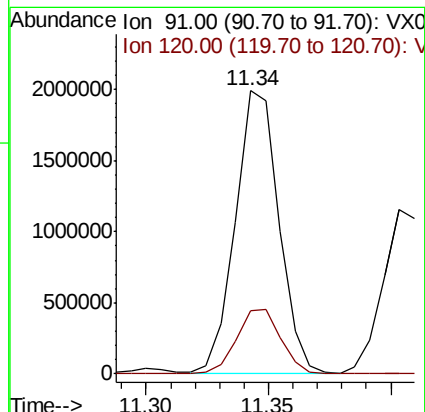
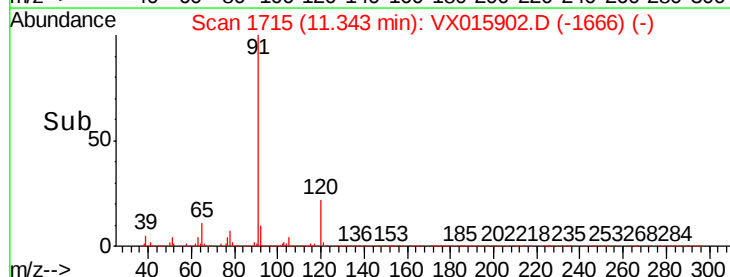
91 100

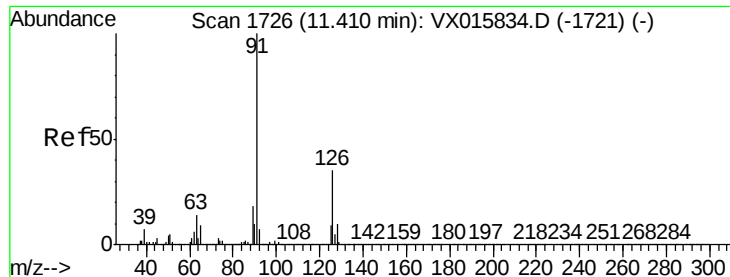
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

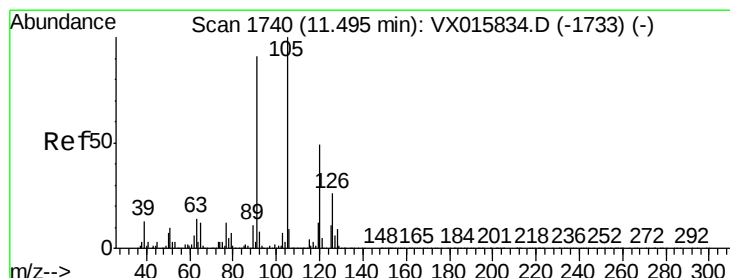
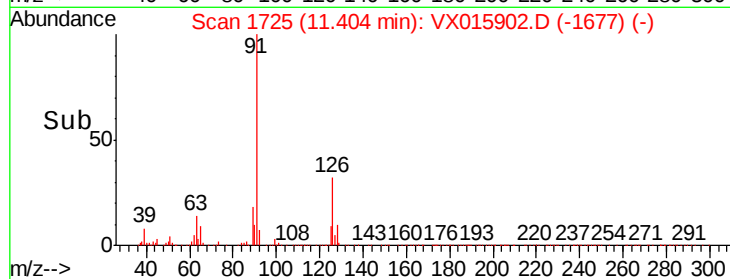
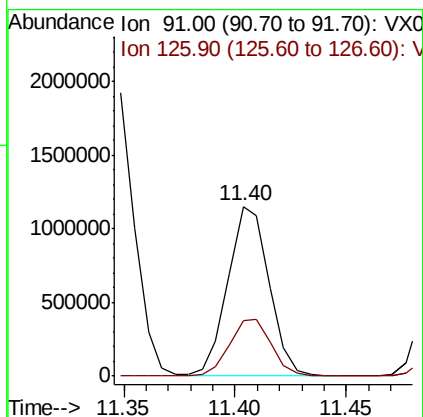
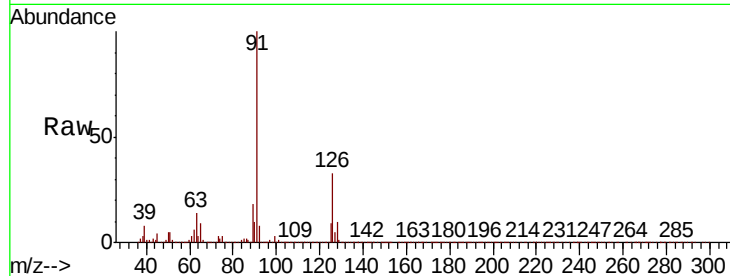




#79
 2-Chlorotoluene
 Concen: 52.718 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

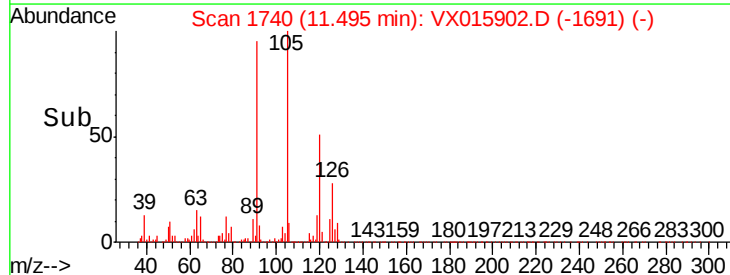
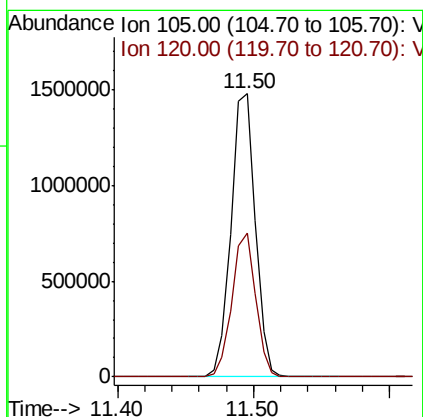
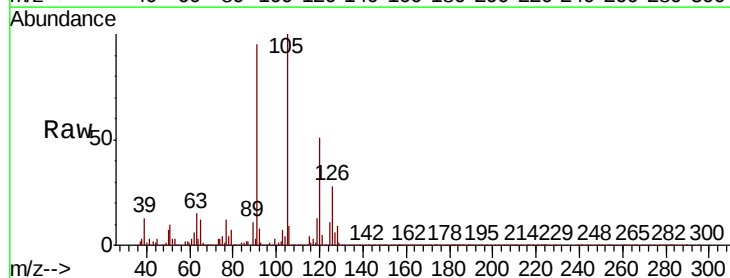
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

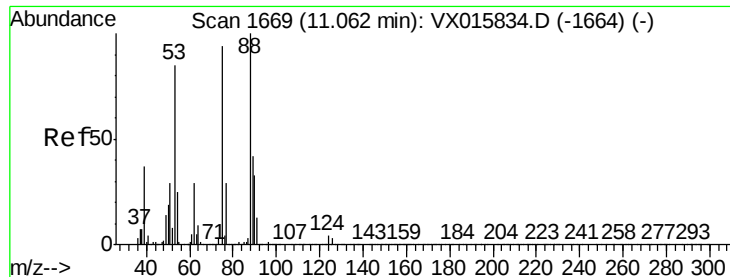
Tot Ion: 91 Resp: 1475751
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.954 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion: 105 Resp: 1836899
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 48.959 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

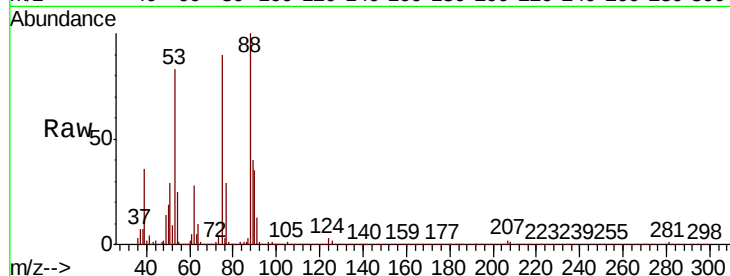
Tot Ion: 75 Resp: 247909

Ion Ratio Lower Upper

75 100

53 93.1 74.2 111.2

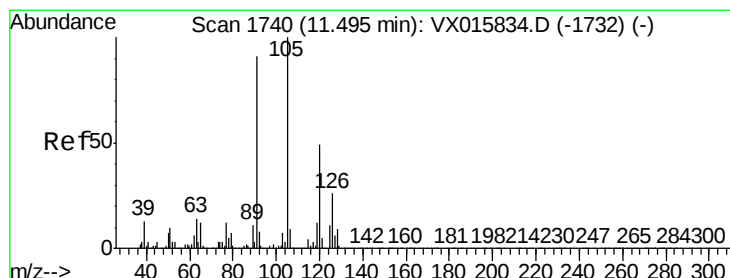
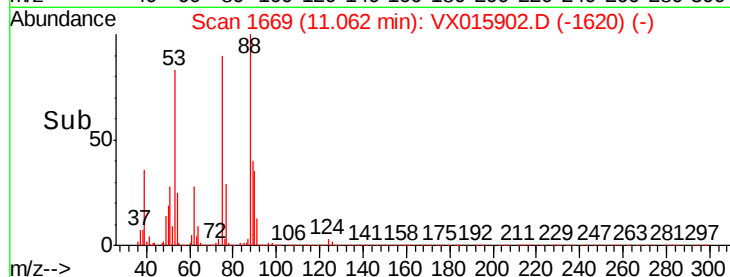
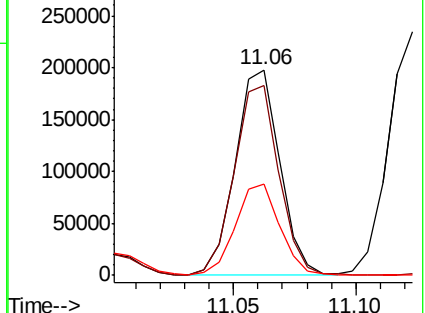
89 44.8 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.430 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015902.D

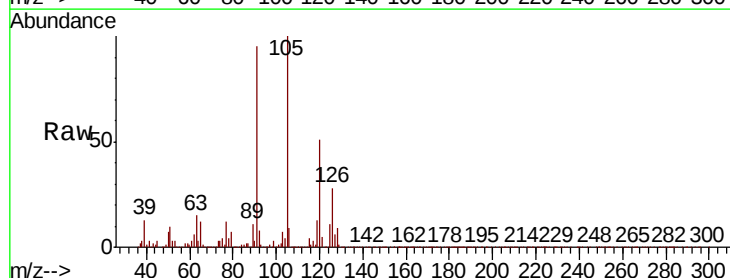
Acq: 23 Apr 2020 19:40

Tgt Ion: 91 Resp: 1744057

Ion Ratio Lower Upper

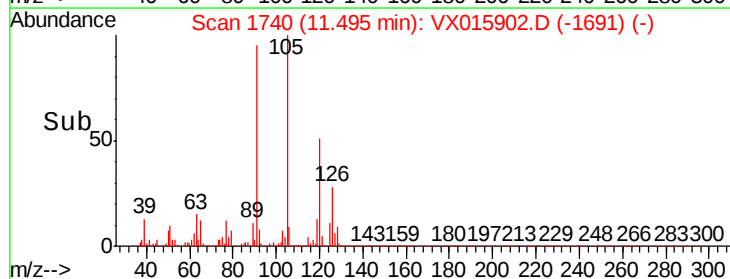
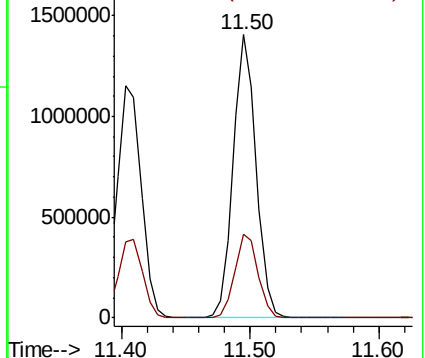
91 100

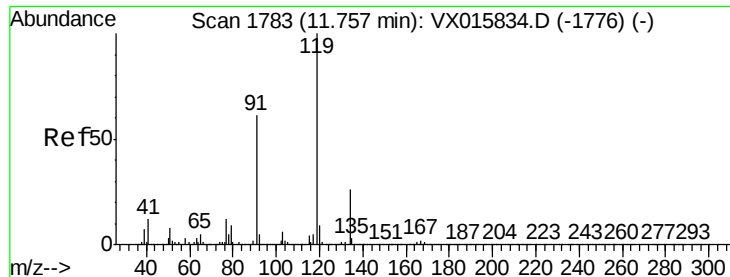
126 29.8 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

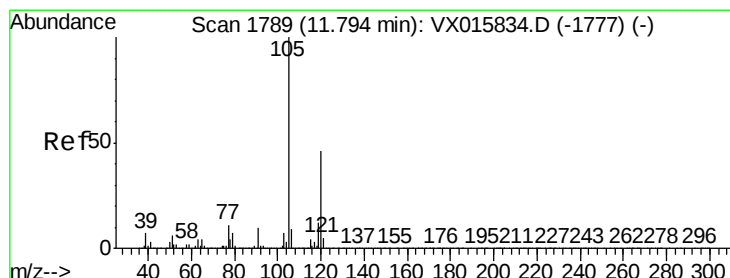
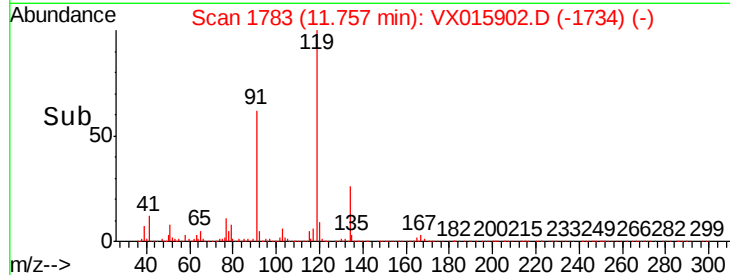
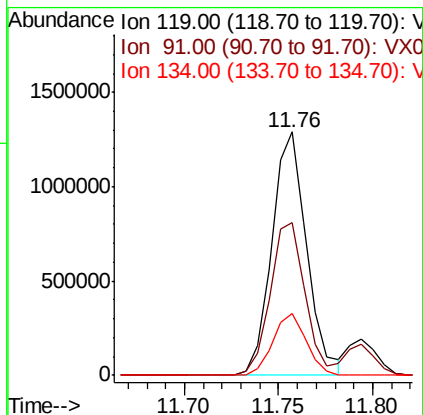
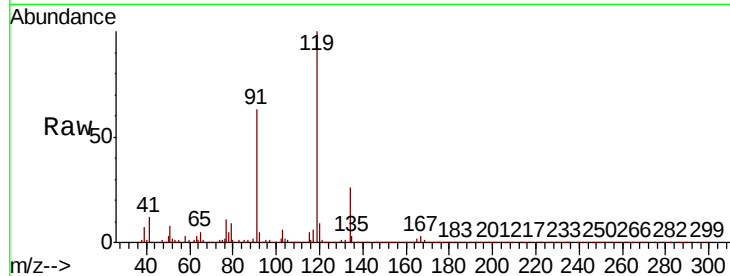




#83
tert-Butylbenzene
Concen: 53.517 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

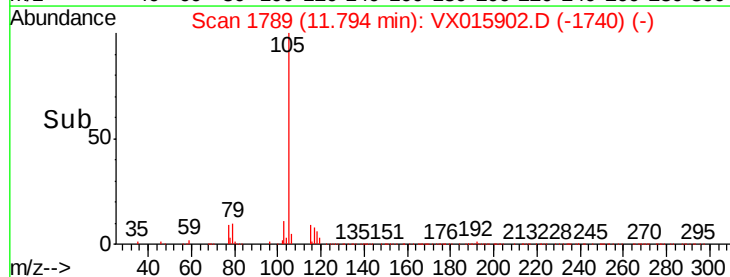
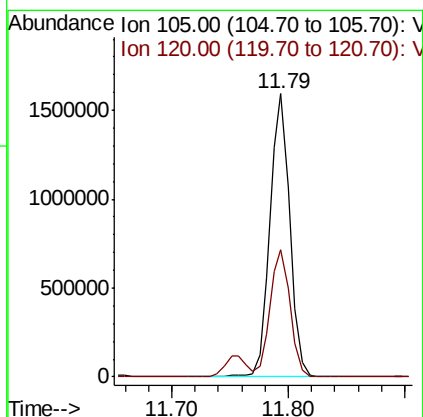
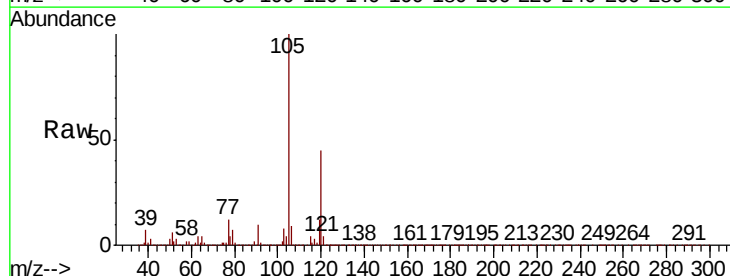
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

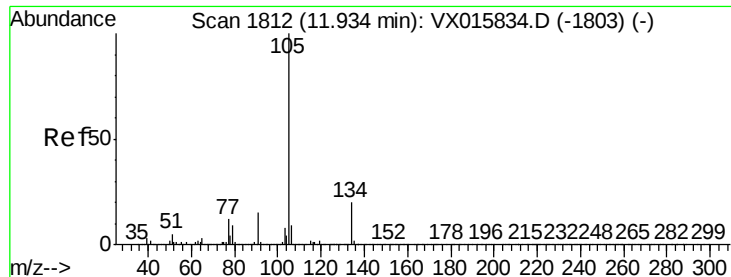
Tot Ion:119 Resp: 1646698
Ion Ratio Lower Upper
119 100
91 62.4 30.9 92.7
134 24.3 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 52.432 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion:105 Resp: 1888225
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.899 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

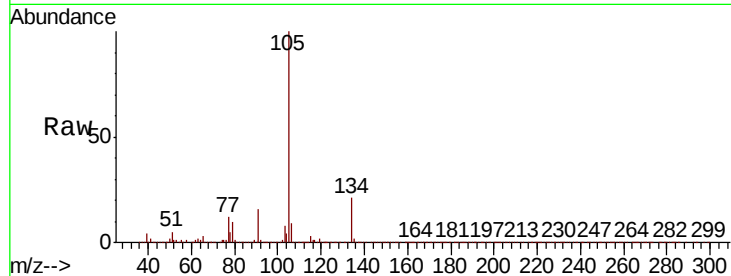
VSTDCCC050EC

Tot Ion:105 Resp: 2064535

Ion Ratio Lower Upper

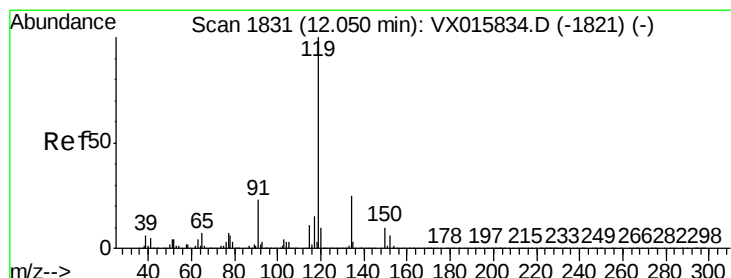
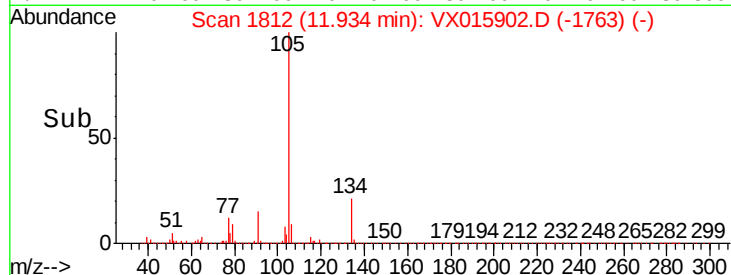
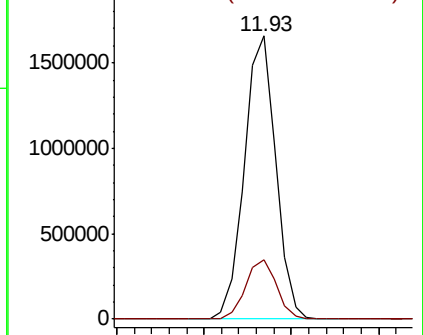
105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.356 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

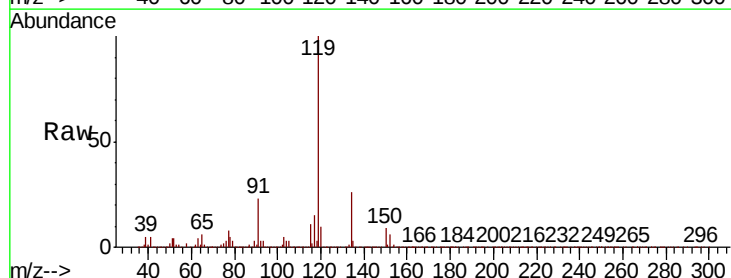
Tgt Ion:119 Resp: 1985766

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

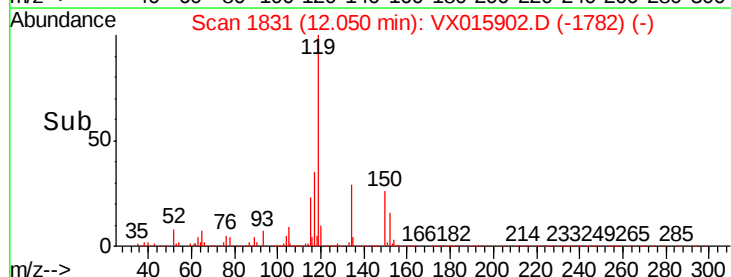
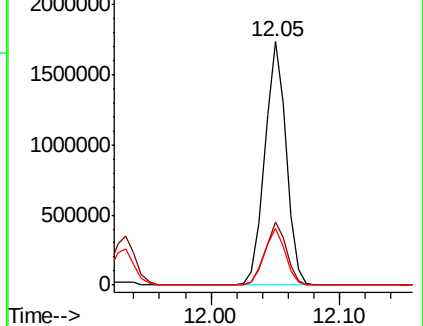
91 23.1 11.5 34.5

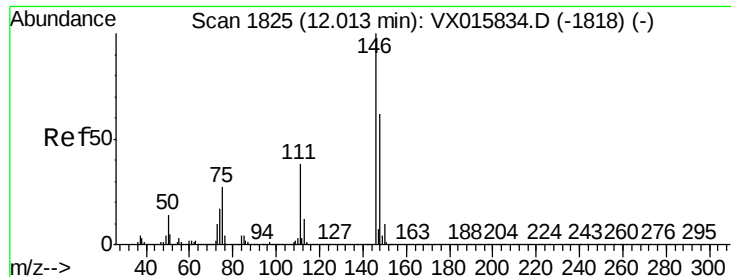


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

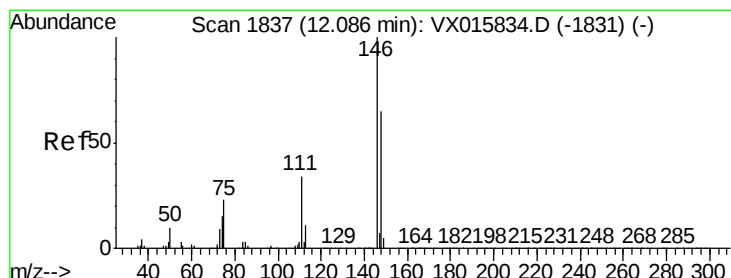
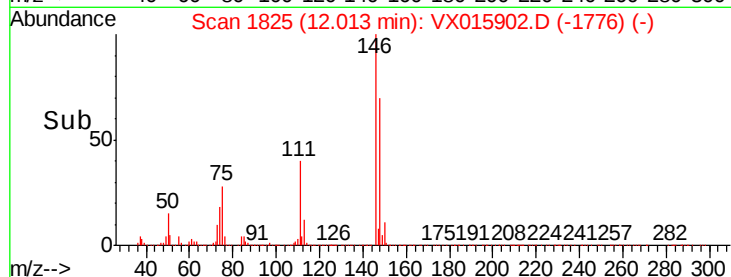
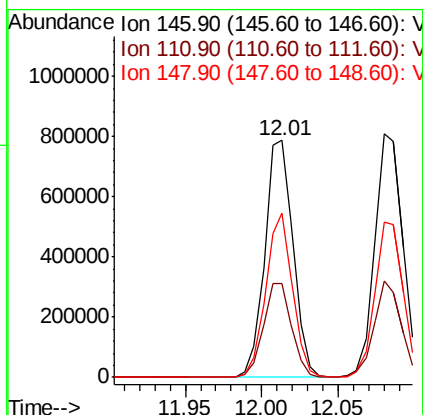
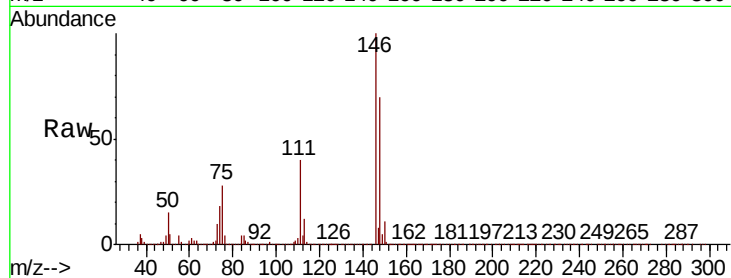




#87
 1,3-Dichlorobenzene
 Concen: 49.896 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

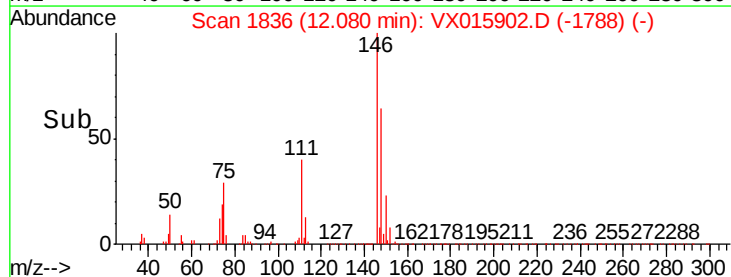
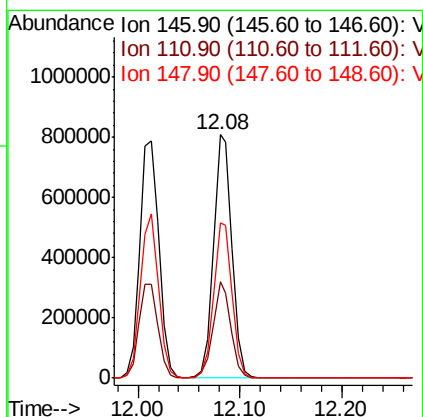
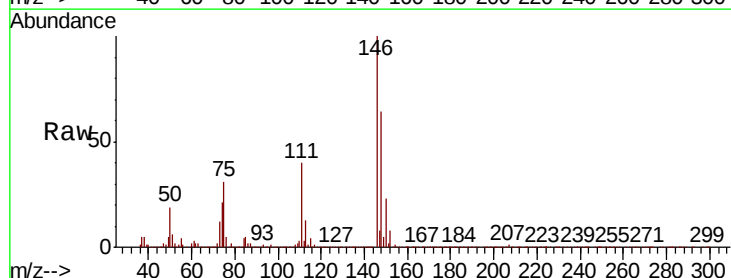
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

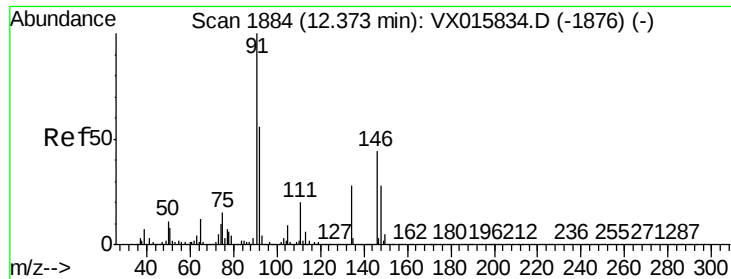
Tot Ion:146 Resp: 1018083
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.1
 148 65.3 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 50.504 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion:146 Resp: 1031542
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 63.9 33.8 101.4

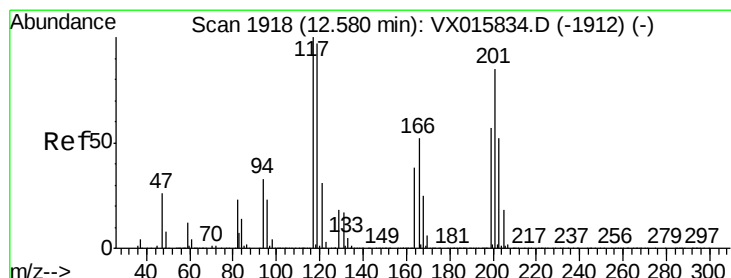
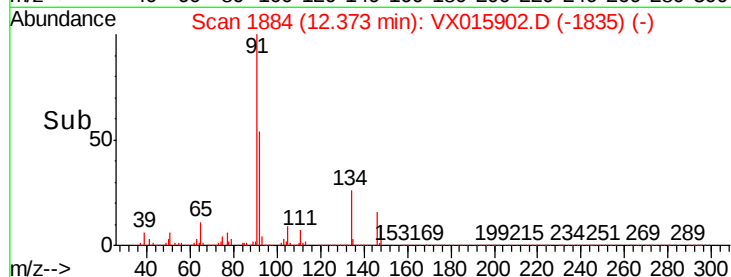
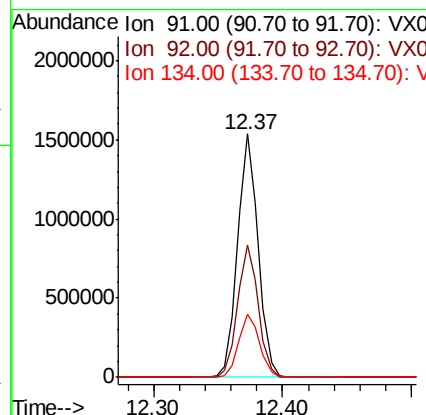
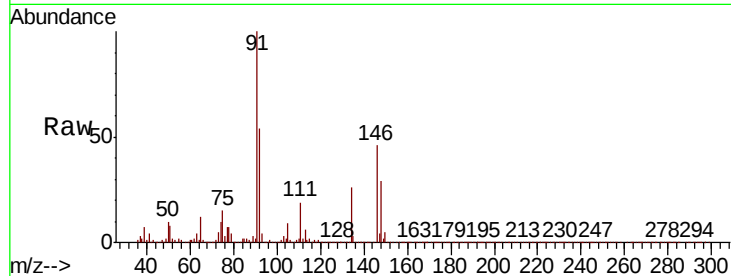




#89
n-Butylbenzene
Concen: 50.696 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

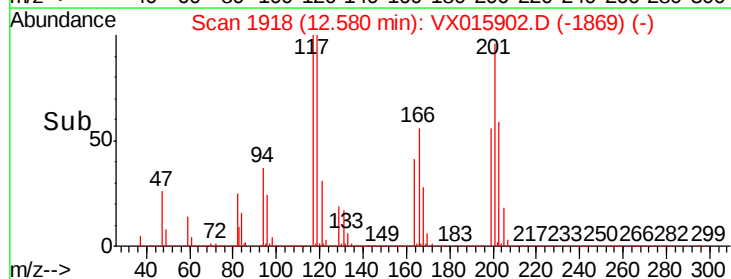
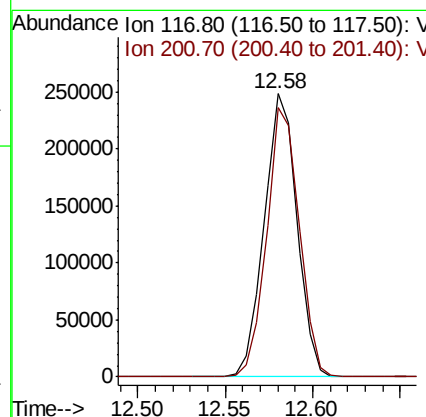
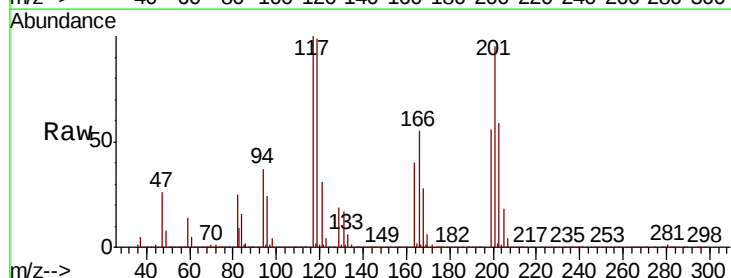
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

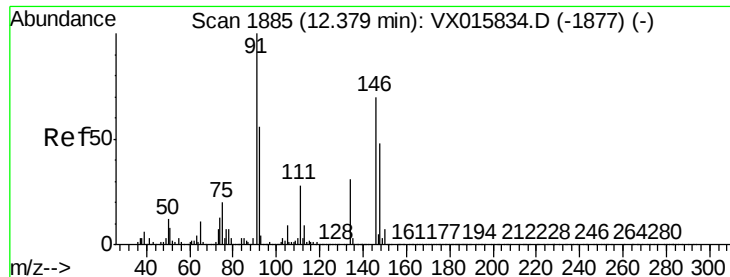
Tot Ion: 91 Resp: 1719123
Ion Ratio Lower Upper
91 100
92 54.6 27.7 83.1
134 26.6 14.1 42.4



#90
Hexachloroethane
Concen: 80.520 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 117 Resp: 322624
Ion Ratio Lower Upper
117 100
201 95.1 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 50.802 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

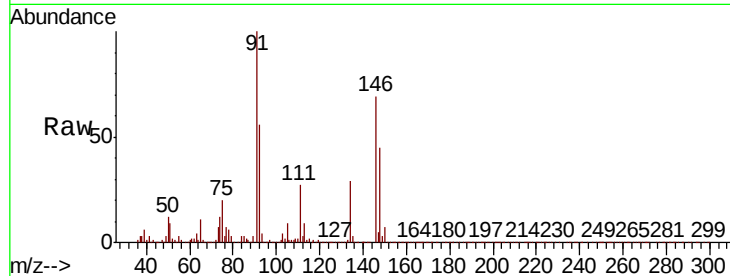
Tot Ion:146 Resp: 983140

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

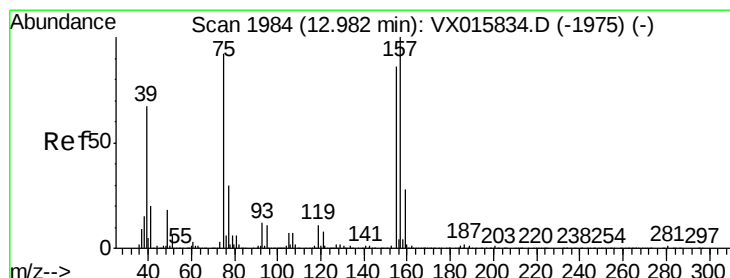
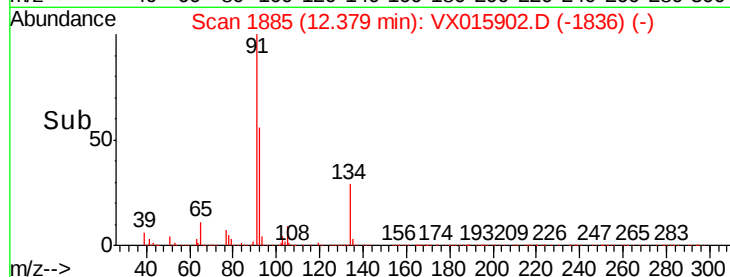
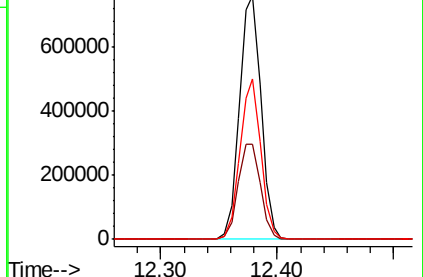
148 63.4 32.1 96.3



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: 59.040 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

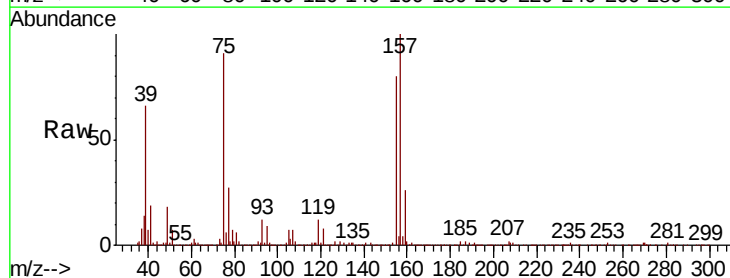
Tgt Ion: 75 Resp: 150740

Ion Ratio Lower Upper

75 100

155 93.9 48.1 144.4

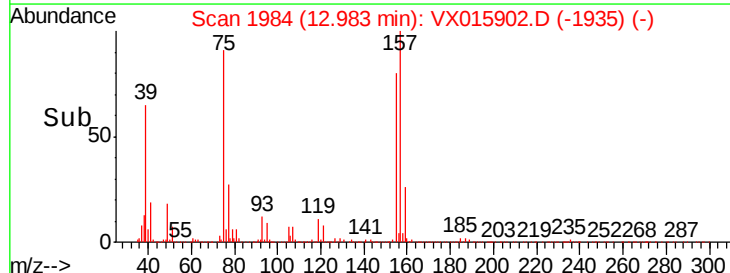
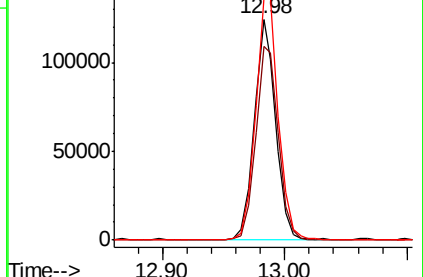
157 118.1 58.9 176.7

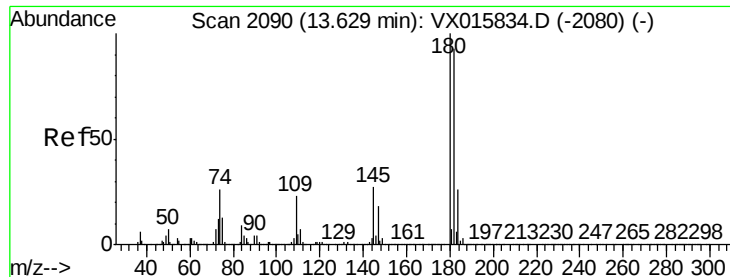


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

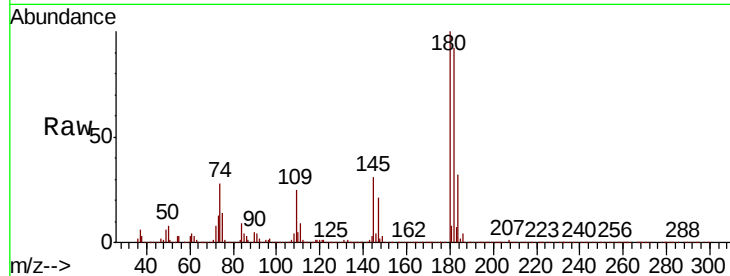




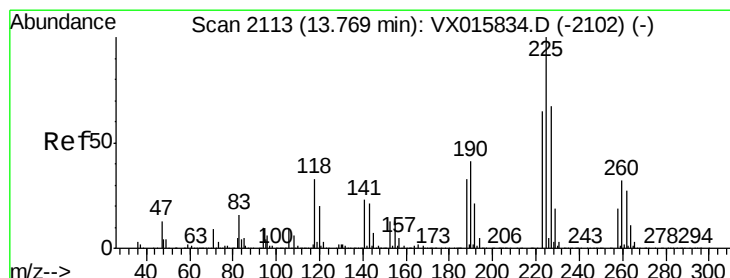
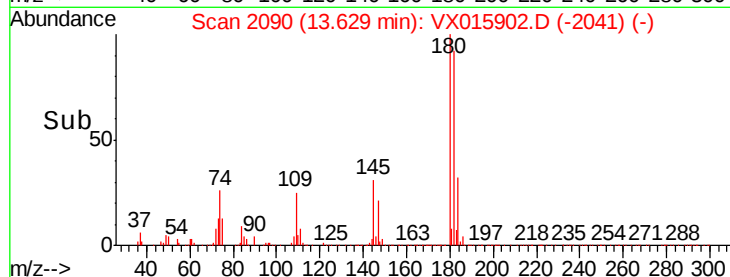
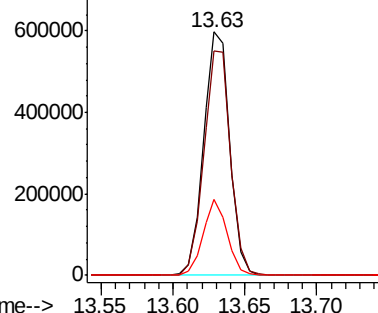
#93
 1,2,4-Trichlorobenzene
 Concen: 49.714 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.7	143.1
145	29.0	14.5	43.5

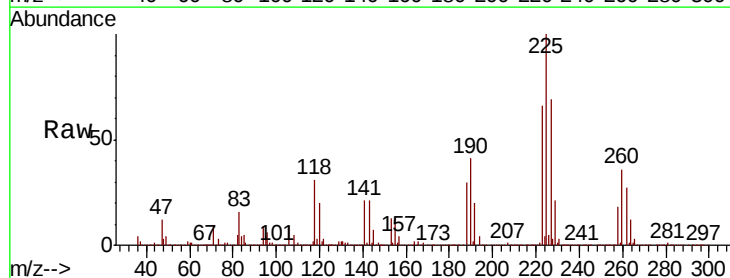


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

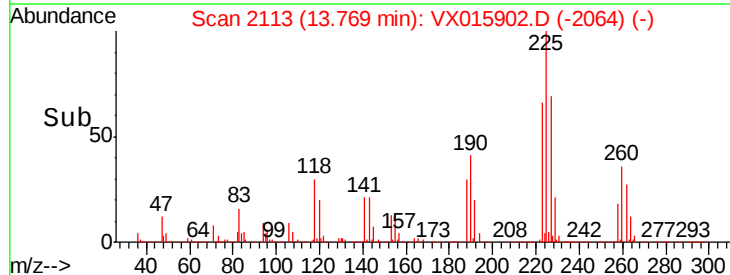
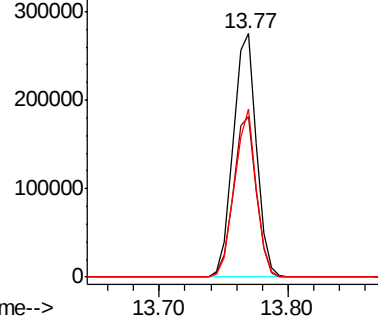


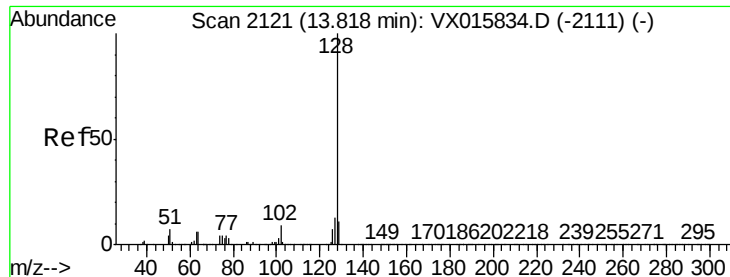
#94
 Hexachlorobutadiene
 Concen: 49.727 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.3	93.8
227	64.5	32.6	97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.083 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

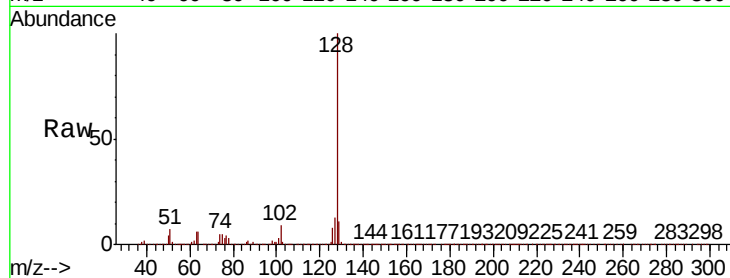
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 2240977

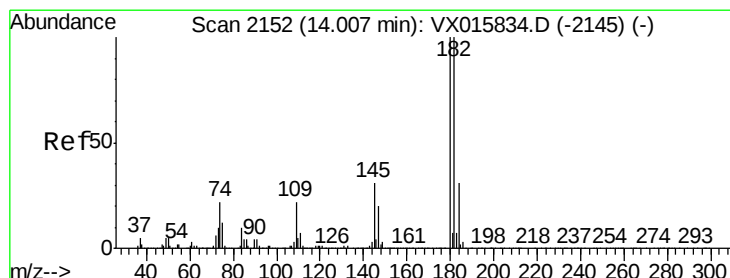
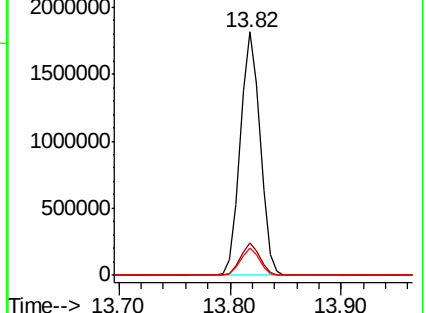
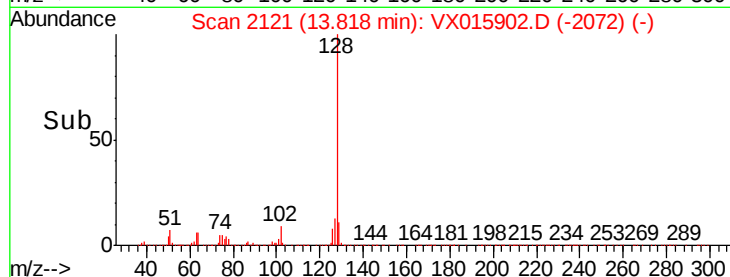
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.341 ug/l

RT: 14.01 min Scan# 2152

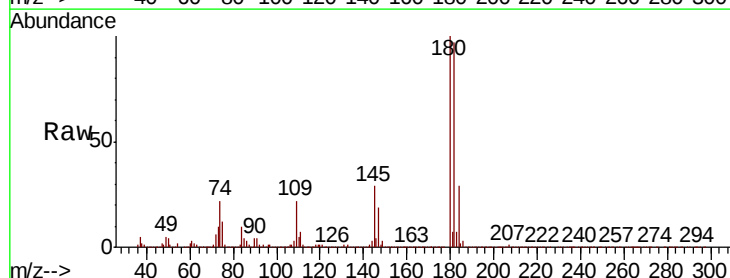
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:180 Resp: 734014

Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.9	143.7
145	31.3	15.2	45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

